

location	year	Alcohol	Beverages	Eggs	Fats	Fish	Fruits
Afghanistan	1961	0	1.22	2.57	5.51	0.09	112.78
Afghanistan	1962	0	1.74	2.78	6.01	0.09	104.22
Afghanistan	1963	0	1.6	2.84	7.01	0.09	104.9
Afghanistan	1964	0	1.8	2.9	6.44	0.09	131.37
Afghanistan	1965	0	1.39	3.03	6.53	0.08	133.49
Afghanistan	1966	0.01	3.02	3.05	6.45	0.08	126.82
Afghanistan	1967	0.01	2.01	3.4	6.82	0.11	149.95
Afghanistan	1968	0	3.03	3.05	6.46	0.1	153.34
Afghanistan	1969	0	3.93	3.2	6.48	0.12	151.64
Afghanistan	1970	0	3.06	2.84	7	0.11	139.91
Afghanistan	1971	0	3.96	2.57	6.11	0.14	101.63
Afghanistan	1972	0	3.38	2.5	5.43	0.13	123.84
Afghanistan	1973	0	2.29	2.49	6.58	0.13	132.55
Afghanistan	1974	0	2.98	2.43	8.16	0.12	126.23
Afghanistan	1975	0.02	3.7	2.41	9.36	0.14	124.8
Afghanistan	1976	0.01	3.25	2.36	9.92	0.16	114.02
Afghanistan	1977	0.02	3.02	2.36	8.99	0.16	67.66
Afghanistan	1978	0.01	4.06	2.34	8.47	0.16	89.59
Afghanistan	1979	0	2.62	2.35	9.81	0.16	78.27
Afghanistan	1980	0	3.12	2.36	9.09	0.18	87.71
Afghanistan	1981	0	2.8	2.45	11.71	0.18	71.03
Afghanistan	1982	0	2.33	2.51	13.18	0.19	71.12
Afghanistan	1983	0	2.64	2.58	13.57	0.22	69.35
Afghanistan	1984	0.02	3.89	2.67	14.02	0.22	75.68
Afghanistan	1985	0.05	2.09	2.74	15.98	0.23	77.75
Afghanistan	1986	0	2.21	2.81	20.14	0.24	79.21
Afghanistan	1987	0	2.72	2.86	12.08	0.29	79.15
Afghanistan	1988	0	2.49	2.87	14.37	0.29	94.38
Afghanistan	1989	0	2.78	2.89	22.53	0.29	89.84
Afghanistan	1990	0	3.04	2.7	17.39	0.33	99.24
Afghanistan	1991	0	2.02	2.52	12.14	0.3	107.21
Afghanistan	1992	0	1.61	2.31	11.88	0.3	90.01
Afghanistan	1993	0	2.35	2.12	6.63	0.27	86.62
Afghanistan	1994	0	1.5	1.98	5.26	0.27	82.82
Afghanistan	1995	0	2.96	1.86	14.62	0.25	79.92
Afghanistan	1996	0	1.64	2.25	11.97	0.24	76.18
Afghanistan	1997	0	3.75	2.16	6.19	0.22	76.42
Afghanistan	1998	0	3.37	2.1	6.77	0.21	76.35
Afghanistan	1999	0	2.2	2.06	8.58	0.21	70.23
Afghanistan	2000	0	2.58	1.62	7.72	0.17	67.82
Afghanistan	2001	0	2.82	1.34	7.2	0.16	76.45
Afghanistan	2002	0.09	2.04	1.94	5.8	0.17	70.42
Afghanistan	2003	0.15	5.57	2.02	7.12	0.16	57.25
Afghanistan	2004	0.56	3.37	1.74	11.1	0.17	59.29
Afghanistan	2005	0.3	1.05	1.95	14.14	0.16	59.81
Afghanistan	2006	0.44	1.97	1.86	10.45	0.15	60.98
Afghanistan	2007	0.33	2.92	2.53	10.65	0.21	55.5
Afghanistan	2008	0.33	4.07	2.88	7.85	0.21	51.03

Afghanistan	2009	0.34	0.97	2.72	9.26	0.2	56.86
Afghanistan	2010	0.3	2.98	2.27	10.85	0.2	69.72
Afghanistan	2011	0.26	5.96	3	10.2	0.19	71.94
Afghanistan	2012	0.26	12.47	2.37	10.84	0.19	92.27
Afghanistan	2013	0.26	9.57	3.56	11.52	0.18	93.47
Afghanistan	2014	0.109589	8.136986	4.054795	10.82192	0.520548	92.05479
Afghanistan	2015	0.027397	5.753425	3.643836	10.43836	0.575342	104.274
Afghanistan	2016	0.027397	3.972603	3.643836	11.31507	0.630137	85.12329
Afghanistan	2017	0.027397	6	4.109589	11.53425	0.684932	104.8767
Africa	1961	16.57	71.17	3.28	16.33	12.52	127.62
Africa	1962	16.8	72.43	3.31	17.49	12.68	132.56
Africa	1963	17.44	72.75	3.29	17.8	13.56	128.86
Africa	1964	18.55	70.61	3.39	17.02	14.72	134.68
Africa	1965	19.72	65.7	3.57	18.36	14.64	130.83
Africa	1966	20.13	68.02	3.69	17.44	15.37	131.87
Africa	1967	19.65	69.5	3.77	18.12	15.64	138.71
Africa	1968	20.41	69.75	3.89	18.87	14.68	137.8
Africa	1969	21.56	68	3.94	19.07	15.08	136.32
Africa	1970	21.24	75.53	3.87	19.07	16.76	142.21
Africa	1971	23.27	75.2	3.92	19.14	18.17	141.92
Africa	1972	24.5	72.51	3.95	18.86	18.84	142.22
Africa	1973	25.94	77.1	3.98	19.46	18.91	141.33
Africa	1974	26.26	80.53	4.18	20.61	19.23	145.58
Africa	1975	26.8	81.15	4.4	20.42	20.34	145.85
Africa	1976	27.4	85.88	4.4	20.63	21.44	143.52
Africa	1977	28.45	83.39	4.63	22.64	21.91	136.91
Africa	1978	27.91	86.1	4.88	22.71	22.68	139.06
Africa	1979	28.56	86.72	4.88	23.12	22.58	149.4
Africa	1980	30.98	81.36	5.05	23.35	22.22	144.95
Africa	1981	31.45	76.43	5.08	24.31	24.31	147.29
Africa	1982	33.59	77.95	5.48	24.37	24.75	150.31
Africa	1983	33.46	69.33	5.47	22.93	22.46	149.73
Africa	1984	32.55	69.35	5.22	22.37	21.51	146.99
Africa	1985	31.2	72.37	5.33	22.64	20.53	149.14
Africa	1986	31.58	72.96	5.45	23.92	21.23	148.85
Africa	1987	32.92	73.15	5.7	22.11	22.95	145.25
Africa	1988	30.85	68.76	5.79	23.61	22.98	144.94
Africa	1989	32.01	71.16	5.41	23.42	23.22	152.79
Africa	1990	30.3	66.98	5.95	24.03	24.21	146.76
Africa	1991	30.32	68.52	5.9	24.3	21.22	150.93
Africa	1992	29.87	69.64	5.8	24.86	21.03	152.54
Africa	1993	27.2	70.25	5.68	24.62	20.43	155.87
Africa	1994	26.11	70.45	5.79	24.59	19	152.42
Africa	1995	26.04	70.11	5.78	24.69	20.1	153.32
Africa	1996	26.66	71.01	5.36	24.1	20.59	159.74
Africa	1997	26.39	74.32	5.26	24.58	21.25	160.88
Africa	1998	26.94	74.14	5.81	24.67	21.32	164.67
Africa	1999	28.15	72.42	5.94	24.87	22.05	167.02
Africa	2000	26.27	69.98	5.72	24.25	21.58	162.75

Africa	2001	27.07	72.25	5.87	25.04	22.86	160.7
Africa	2002	27.84	69.88	6.21	25.81	21.8	174.4
Africa	2003	27.72	67.91	6.12	25.8	22.78	171
Africa	2004	28.44	70.37	6.13	25.79	24.57	177.07
Africa	2005	27.86	71.2	6.02	26.37	25.01	176.95
Africa	2006	28.3	71.09	6.16	26.28	26.95	179.94
Africa	2007	30.06	71.05	6.39	26.07	28.43	176.27
Africa	2008	32.1	64.6	6.51	26.55	27.77	174.74
Africa	2009	33.23	66.55	6.14	24.98	27.2	180.2
Africa	2010	32.27	67.32	6.56	25.27	28.61	180.58
Africa	2011	34.68	67.06	6.76	25.51	30.18	182.48
Africa	2012	38.48	64.98	7.4	25.76	29.99	187.9
Africa	2013	38.79	64.51	7.27	25.35	29.51	186.29
Africa	2014	38.63014	56.08219	7.013699	24.73973	30.41096	182.0822
Africa	2015	38.08219	55.28767	6.712329	24.93151	29.83562	185.1507
Africa	2016	37.15068	53.12329	6.465753	24.93151	28.84932	179.4247
Africa	2017	37.26027	52.60274	6.30137	25.47945	28.32877	176.7397
Albania	1961	21.28	0	4.1	17.59	5.26	165.42
Albania	1962	23.11	0	4.14	19.71	4.46	145.05
Albania	1963	19.64	0	3.87	17.3	4.64	96.07
Albania	1964	20.75	0	3.83	23.01	4.51	121.34
Albania	1965	19.51	0	3.8	19.03	5.85	115.37
Albania	1966	17.43	0	3.7	21.8	5.69	144.94
Albania	1967	19.75	0	4.01	20.4	6.92	121.65
Albania	1968	23.38	0	4.18	21.66	8.1	136.11
Albania	1969	25.8	0	4.47	22.24	9.19	136.43
Albania	1970	24.64	0	4.43	25.67	10.25	130.67
Albania	1971	19.3	0	4.12	20.73	9.99	118.42
Albania	1972	25.78	0	4.2	16.08	9.74	118.2
Albania	1973	27.46	0	4.86	20.33	9.49	124.27
Albania	1974	24.97	0	5.44	23.38	9.84	119.21
Albania	1975	21.09	0	7	25.94	9.6	127.89
Albania	1976	20.38	0	6.83	28.63	9.37	134.13
Albania	1977	20.31	0	6.45	29.43	9.15	123.59
Albania	1978	24.6	0	7.35	26.54	9.45	131.46
Albania	1979	21.92	0	7.18	30.34	9.23	121.51
Albania	1980	18.95	0	7.01	27.76	9.02	115.96
Albania	1981	26.89	0	6.85	28.62	9.18	115.65
Albania	1982	22.17	0	7.65	25.55	8.8	141.25
Albania	1983	24.52	0	8.42	30.6	9.05	134.79
Albania	1984	23.13	0	8.67	28.38	7.11	115.34
Albania	1985	21.96	0.72	9.35	26.11	10.15	112.89
Albania	1986	25.78	1.11	9.79	27.12	7.89	109.19
Albania	1987	28.9	0.62	10.62	27.74	8.89	104.42
Albania	1988	30.58	0.94	10.43	28.12	9.19	101.73
Albania	1989	31.52	1.17	11.67	29.87	7.01	115.56
Albania	1990	38.98	1.36	12.08	27.16	6	89.51
Albania	1991	13.35	1.19	9.5	31.92	1.62	78.52
Albania	1992	11.49	1.59	9.73	26.35	1.95	59.29

Albania	1993	24.99	2.88	13.47	24.56	2.18	98.75
Albania	1994	53.55	2.1	13.36	21.78	2.41	111.99
Albania	1995	53.64	1.79	13.87	22.5	3.82	116.99
Albania	1996	50.93	0.7	15.58	24.94	2.8	134.59
Albania	1997	33.68	0.29	13.16	25.31	3.15	123.89
Albania	1998	26.52	0.82	14.01	24.41	4.68	161.49
Albania	1999	42.27	2.4	14.96	22.52	7.27	186.09
Albania	2000	43.25	3.68	17.19	22.33	8.99	213.6
Albania	2001	55.03	4.08	16.07	23.55	8.99	251.16
Albania	2002	44.77	3.73	17.62	22.21	12.46	253.29
Albania	2003	45.43	3.97	19.11	21.59	11.91	267.49
Albania	2004	60.01	3.46	19.17	23.59	12.74	301.77
Albania	2005	61.27	3.19	19.25	24.2	13.17	301.13
Albania	2006	68.87	5.23	19.44	23.84	13.1	333.63
Albania	2007	78.03	5.81	18.21	23.92	14.34	344.5
Albania	2008	76.81	6.2	19.22	23.49	15.02	367.95
Albania	2009	74.1	6.65	20.79	27.02	16.17	405.8
Albania	2010	93.83	6.39	20.2	24.78	15.7	416.83
Albania	2011	105.52	6.54	21.15	23.9	16.04	415.62
Albania	2012	100.69	6.75	34.77	23.64	13.62	442.53
Albania	2013	103	7.04	34.11	22.28	13.35	452.12
Albania	2014	109.3973	7.068493	38.27397	24.57534	14.57534	507.0137
Albania	2015	105.3425	7.315068	40.9589	25.61644	14.65753	526.3014
Albania	2016	104.2466	7.342466	41.80822	24.76712	14.68493	546.3836
Albania	2017	115.4521	7.260274	40.16438	26.16438	14.68493	532.6849
Algeria	1961	22.8	5.75	3.23	13.08	9.06	86.76
Algeria	1962	16.7	5.82	2.74	10.78	5.29	75.42
Algeria	1963	10.46	4.53	1.95	14.24	3.74	75.33
Algeria	1964	8.47	5.33	1.87	16.53	4.17	103.53
Algeria	1965	8.46	6.09	1.86	17.11	3.73	88.66
Algeria	1966	8.87	6.13	1.78	16.67	4.17	83.47
Algeria	1967	9.96	5.82	1.87	17.61	3.83	95.01
Algeria	1968	10.55	5.07	1.99	17.54	3.1	93.79
Algeria	1969	10.92	4.78	2.1	18.34	3.95	98.17
Algeria	1970	11.56	3.73	2.02	19.64	4.01	109.02
Algeria	1971	11.41	2.89	2.01	19.7	3.79	115.23
Algeria	1972	11.59	4.22	2.05	21.07	4.65	116.78
Algeria	1973	12.23	2.56	2.07	17.9	4.67	112
Algeria	1974	10.96	4.71	2.2	25.46	5.64	124.76
Algeria	1975	7.13	6.41	2.82	20.45	5.89	129.88
Algeria	1976	9.73	7.46	3.67	17.16	5.26	120.65
Algeria	1977	9.78	7.74	4.88	29.78	6.22	108.57
Algeria	1978	9.3	9.54	8.56	30.83	5.09	95.15
Algeria	1979	8.67	10.36	6.79	33.93	5.74	115.67
Algeria	1980	8.83	10.15	9.3	34.64	6.76	113.61
Algeria	1981	8.97	11.15	9.67	43.79	7.96	108.55
Algeria	1982	9.07	8.57	13.4	43.46	8.9	108.7
Algeria	1983	6.07	9.99	14.28	34.88	8.98	94.03
Algeria	1984	6.5	9.45	10.67	36.19	8.74	109.94

Algeria	1985	6.38	9.26	11.36	34.85	9.38	120.16
Algeria	1986	5.93	7.23	7.47	28.12	9.77	118.67
Algeria	1987	5.61	10.15	8.66	31.03	11.66	100.3
Algeria	1988	5.56	7.87	9.28	39.7	12.08	101.83
Algeria	1989	5.42	9.56	9.64	42.46	11.16	101.1
Algeria	1990	5.49	9.13	13.32	43.82	9.62	92.69
Algeria	1991	5.09	13.97	11.79	42.17	8.1	102.19
Algeria	1992	5.9	6.92	8.77	47.58	9.44	109.68
Algeria	1993	7.1	8.67	8.54	45.86	9.88	104.49
Algeria	1994	7.7	10.78	9.27	43.22	12.97	97.54
Algeria	1995	8.97	5.39	10.63	45.79	10.68	99.77
Algeria	1996	6.73	7.19	6.28	38.9	7.97	110.53
Algeria	1997	6.08	8.21	7.08	43.62	8.69	100.17
Algeria	1998	5.85	8.21	8.23	41.89	8.99	105.8
Algeria	1999	5.59	8.28	6.79	43.58	9.8	123.28
Algeria	2000	8.68	9.73	7.29	42.08	10.53	113.94
Algeria	2001	9.07	8.01	7.73	45.63	12.19	131.43
Algeria	2002	9.22	9.92	11.85	40.28	12.34	158.37
Algeria	2003	10.01	9.42	12.15	34.41	13.8	170.7
Algeria	2004	9.43	11.32	13	35.03	11.59	176.96
Algeria	2005	10.53	10.01	12.34	33.15	12.19	192.98
Algeria	2006	10.91	9.71	12.42	38.59	14.05	209.94
Algeria	2007	11.28	10.09	13.41	37.79	14.04	185.88
Algeria	2008	12.15	10.67	12.3	38.56	12.89	210.07
Algeria	2009	11.1	10.28	12.77	34.14	13.01	247.15
Algeria	2010	11	6.13	17.19	37.34	10.42	251.07
Algeria	2011	11.41	9.78	18.16	42.06	10.79	288.23
Algeria	2012	11.83	10.3	19.9	41.47	10.95	300.28
Algeria	2013	13.68	9.95	22.08	41.48	10.75	326.34
Algeria	2014	12.13699	10.16438	21.72603	41.47945	12.0274	308.0548
Algeria	2015	12.0274	10	23.69863	43.23288	11.39726	319.4247
Algeria	2016	12.76712	10.46575	23.45205	45.31507	10.71233	298.137
Algeria	2017	11.89041	9.69863	23.09589	45.67123	10.57534	293.6712
Americas	1961	126.92	15.02	28	33.12	24.51	219.95
Americas	1962	128.05	15.6	27.81	33.42	25.65	224.62
Americas	1963	129.57	15.31	27.39	33.23	25.49	217.53
Americas	1964	131.56	15.18	27.66	34.86	25.19	220.16
Americas	1965	134.95	15.15	27.49	34.41	24.69	230.42
Americas	1966	137.57	15.83	27.46	35.26	25.83	238.89
Americas	1967	138.82	16.1	28.14	36.28	25.37	245.41
Americas	1968	141.95	15.7	27.65	36.72	27.37	237.98
Americas	1969	145.49	15.62	27.35	37.47	25.92	256.91
Americas	1970	152	15.45	27.56	37.98	27.82	254.96
Americas	1971	152.72	14.95	27.64	37.67	27.63	262.12
Americas	1972	155.1	14.64	27.41	38.88	29.96	256.49
Americas	1973	160.07	14.63	26.33	37.74	31.17	256.03
Americas	1974	165.36	14.5	25.88	40.26	29.19	261.92
Americas	1975	165.95	13.79	25.87	39.3	28.19	264.31
Americas	1976	169.83	13.78	25.59	42.85	29.01	266.57

Americas	1977	174.03	11.92	25.45	42.77	29.35	272.04
Americas	1978	178.47	12.27	26.36	44.56	31.76	266.3
Americas	1979	183.2	12.94	27.25	44.68	32.95	269.66
Americas	1980	187.57	12.71	27.36	46.09	32.43	282.62
Americas	1981	188.03	12.66	26.86	46.2	34.44	267.81
Americas	1982	184.6	12.16	27	47.28	32.34	268.9
Americas	1983	182.84	11.99	26.37	48.48	32.05	270.95
Americas	1984	179.82	12.42	26.52	47.21	34.47	265.7
Americas	1985	177.95	11.6	26.83	50.29	34.44	285.8
Americas	1986	179.24	11.42	27.52	50.55	35.54	275.66
Americas	1987	181.3	11.64	27.56	49.12	37.95	293.66
Americas	1988	182.24	11.74	27.12	51.14	36.1	289.69
Americas	1989	178.93	11.5	26.48	49.03	38.78	291.34
Americas	1990	179.21	11.18	26.05	49.03	38.43	274.16
Americas	1991	181.23	10.79	26.64	50.08	35.74	270.58
Americas	1992	174.55	11.34	26.25	51.19	36.31	281.56
Americas	1993	175.88	11.12	26.24	50.72	38.07	278.41
Americas	1994	176.36	10.65	26.5	51.87	37.9	284.07
Americas	1995	178.46	10.53	26.24	49.61	38.18	290.73
Americas	1996	175.26	11.11	26.13	49.43	38.11	293.94
Americas	1997	177.63	11.75	26.95	50.35	38	317.66
Americas	1998	176.8	11.99	27.05	50.52	37.47	296.65
Americas	1999	174.51	12.71	28.13	51.92	36.79	306.71
Americas	2000	183.57	13.06	28.8	55.81	37.11	321.14
Americas	2001	184.34	13.48	29.43	52.9	37.46	299.46
Americas	2002	180.24	12.82	29.24	53.93	37.87	308.05
Americas	2003	177.31	12.83	29.29	54.12	39.22	303.49
Americas	2004	182.12	12.82	29.65	54.23	40.23	307.84
Americas	2005	184.93	13.43	29.95	55.47	38.6	296.77
Americas	2006	187.05	12.77	31.15	55.01	40.27	302.96
Americas	2007	188.87	12.92	30.48	55.52	39.31	303.19
Americas	2008	191.12	12.93	30.64	56.12	38.62	310.1
Americas	2009	188.73	11.6	31.4	57.01	38.48	306.01
Americas	2010	191.52	12.39	31.79	57.64	38.55	307.64
Americas	2011	190.44	12.33	32.44	58.75	38.88	308.57
Americas	2012	192.07	12.58	32.38	58.37	38.96	297.41
Americas	2013	189.82	12.6	33.36	58.57	39.04	293.35
Americas	2014	193.2603	11.53425	33.45205	47.06849	40.82192	284.4384
Americas	2015	195.0959	12.10959	33.42466	46.63014	40.32877	284.8219
Americas	2016	191.8356	13.9726	34.0274	47.09589	40.43836	282.1096
Americas	2017	190.5753	12.41096	34.49315	46.79452	40.68493	283.8904
Angola	1961	47.44	22.34	0.97	13.79	19.64	132.99
Angola	1962	41.71	23.41	0.98	16.15	26.78	135.8
Angola	1963	49.48	22.49	0.99	13.59	24.22	140.79
Angola	1964	50.94	23.51	1	14.33	32.68	141.35
Angola	1965	59.53	19.38	1.01	14.66	28.81	142.43
Angola	1966	66	21.67	1.01	15.37	30.36	139.38
Angola	1967	59.01	22.67	1.02	15.1	37.35	139.51
Angola	1968	61.67	21.65	1.06	15.53	38.73	135.12

Angola	1969	65.83	22.83	1.03	15.94	34.72	146.41
Angola	1970	66.36	21.79	1.04	16.48	40.19	156.47
Angola	1971	63.28	21.82	1.07	17.11	30.41	149.37
Angola	1972	59.61	21.77	1.05	17	16.9	121.93
Angola	1973	65.12	20.94	1.06	16.99	15.93	133.16
Angola	1974	53.96	21.6	1.05	16.88	21.01	142.92
Angola	1975	32.31	21.43	1.05	15.33	12.3	120.75
Angola	1976	34.67	21.63	1.04	18.21	24.76	134.36
Angola	1977	31.6	15.72	1.41	23.8	40.32	125.44
Angola	1978	30.52	15.61	1.24	26.65	38.39	126.35
Angola	1979	31.54	12.71	1.03	29.25	34.47	123.68
Angola	1980	27.65	15.61	1.05	26.32	23.34	132.84
Angola	1981	40.21	14.24	1.01	25.26	36.38	125.66
Angola	1982	30.59	13.63	0.99	22.13	61.14	121.24
Angola	1983	21.29	13.13	0.95	22.3	60.76	119.2
Angola	1984	27.96	11.7	0.96	21.38	67.37	113.03
Angola	1985	25	11.53	1.04	20.25	72.64	106.64
Angola	1986	21.33	12.26	0.95	21.28	70.63	107.17
Angola	1987	21.04	12.18	0.93	21.78	68.31	107.81
Angola	1988	19.55	11.54	0.96	24.44	68.48	105.18
Angola	1989	26.8	10.93	0.89	26.75	62.96	100.15
Angola	1990	28.69	10.83	1.04	29.4	53.19	94.64
Angola	1991	24.72	11.81	0.88	28.01	32.79	96.15
Angola	1992	34.14	12.14	0.87	26.62	30.51	94.52
Angola	1993	25.64	8.79	0.81	23.4	31.87	89.59
Angola	1994	28.32	10.54	0.85	20.74	31.61	88.3
Angola	1995	27.35	10.17	0.94	22.81	28.58	88.32
Angola	1996	30.39	11.69	1.28	23.98	31.54	88.41
Angola	1997	39.51	14.03	2.93	21.95	28.47	85.47
Angola	1998	36.15	13.58	2.6	22.48	23.89	85.69
Angola	1999	28.93	14.19	1.79	22.28	32.25	75.79
Angola	2000	30.16	13.91	1.79	22.81	33.04	77.37
Angola	2001	49.86	14.6	2.48	22.74	41.68	83.9
Angola	2002	59.67	14.33	2.92	22.01	43.82	102.5
Angola	2003	61.95	12.53	1.95	24.77	36.28	122.77
Angola	2004	70.4	16.64	2.7	24.95	36.54	134.99
Angola	2005	78.26	16.85	3.18	25.85	32.91	153.21
Angola	2006	100.39	19.84	3.57	25.75	38.14	161.41
Angola	2007	100.27	21.07	2.9	26.08	45.96	172.2
Angola	2008	125.85	27.2	4.11	24.82	46.78	177.72
Angola	2009	134.61	33.48	3.46	25.59	44.31	219.51
Angola	2010	145.54	49.14	4.58	25.3	44.36	223.73
Angola	2011	155.64	52.25	4.87	26.29	44.72	216.37
Angola	2012	171.7	66.51	6.21	26.5	43.33	215.77
Angola	2013	173.05	53.35	3.05	25.84	42.03	247.91
Angola	2014	148.5479	58.32877	3.342466	20.30137	72.21918	205.5068
Angola	2015	134.9315	58.63014	1.726027	18.71233	62.21918	189.6986
Angola	2016	113.0411	61.39726	1.917808	19.31507	53.47945	183.7808
Angola	2017	113.2329	70.08219	1.835616	21.0411	55.39726	188.2192

Antigua and Barbuda	1961	12.05	0.68	4.63	24.47	100.89	294.52
Antigua and Barbuda	1962	27.79	0.78	4.94	31.09	100.29	300.91
Antigua and Barbuda	1963	30.04	0.81	5.24	29.01	98.54	287.12
Antigua and Barbuda	1964	31.58	0.89	5.8	26.83	98.69	297.99
Antigua and Barbuda	1965	29.77	0.88	5.57	30.24	101.62	289.98
Antigua and Barbuda	1966	49.72	0.76	7.1	29.52	99.95	357.45
Antigua and Barbuda	1967	51.75	1.78	7.69	35.12	87.29	339.84
Antigua and Barbuda	1968	52.58	1.02	8.39	29.9	70.69	355.65
Antigua and Barbuda	1969	64.52	1.13	9.76	29.02	95.27	341.51
Antigua and Barbuda	1970	70.47	1.14	10.75	35.44	83.26	376.11
Antigua and Barbuda	1971	68.5	1.1	10.63	35.9	82	341.27
Antigua and Barbuda	1972	51.53	1.17	10.63	31.29	93.05	309.89
Antigua and Barbuda	1973	61.73	1.02	8.58	26.59	103.76	275.64
Antigua and Barbuda	1974	30.26	1.29	11.79	24.16	96.3	280.93
Antigua and Barbuda	1975	31.29	0.77	12.15	24.93	113.06	299.7
Antigua and Barbuda	1976	31.7	0.81	11.98	19.3	119.45	287.63
Antigua and Barbuda	1977	11	1.53	5.83	21.75	118.2	272.45
Antigua and Barbuda	1978	15.09	1.02	7.18	19.4	101.43	294.43
Antigua and Barbuda	1979	15.09	0	9.49	24.76	111.42	315.2
Antigua and Barbuda	1980	42.23	1.22	11.27	30.62	117.67	388.37
Antigua and Barbuda	1981	59.03	4.06	14.36	33.48	103.1	372.79
Antigua and Barbuda	1982	52.62	0	13.5	30.32	82.68	378.28
Antigua and Barbuda	1983	66.07	0	14.26	32	85.66	360.92
Antigua and Barbuda	1984	84.97	8.83	15.78	37.81	111.61	429.63
Antigua and Barbuda	1985	77.42	0	15.44	33.93	142.06	419.77
Antigua and Barbuda	1986	79.04	0.21	16.02	35.34	150.1	431.85
Antigua and Barbuda	1987	85.67	0.26	16.53	36.95	139.08	459.07
Antigua and Barbuda	1988	76.76	0.3	11.18	36.69	126.45	484.54
Antigua and Barbuda	1989	104.5	0.22	11.75	38.81	137.13	392.1
Antigua and Barbuda	1990	100.75	0.27	10.08	39.34	86.03	403.89
Antigua and Barbuda	1991	95.23	0.44	10.08	53.02	84.69	396.01
Antigua and Barbuda	1992	98.28	1.01	9.05	44.94	135.58	497.65
Antigua and Barbuda	1993	95.35	1.29	9.19	40.12	113.15	563.96
Antigua and Barbuda	1994	62.89	2.02	10.47	27.07	106.22	508.67
Antigua and Barbuda	1995	61.24	1.2	6.85	26.5	106.61	411.36
Antigua and Barbuda	1996	62.16	0.64	7.16	25.62	97.63	455.01
Antigua and Barbuda	1997	59.17	2.6	7.57	27.15	110.41	383.69
Antigua and Barbuda	1998	53.66	0.38	7.96	26.81	99.25	337.58
Antigua and Barbuda	1999	58.18	0.54	7.14	28.1	112.01	429.1
Antigua and Barbuda	2000	61.75	1.5	6.88	26.85	121.88	451.8
Antigua and Barbuda	2001	57.71	1.58	9.71	26.39	115.96	422.76
Antigua and Barbuda	2002	53.25	1.55	7.74	27.38	123.07	405.9
Antigua and Barbuda	2003	66.76	1.51	7.95	27.63	140.35	415.78
Antigua and Barbuda	2004	68.03	9.2	8.92	29.87	142.32	428.19
Antigua and Barbuda	2005	80.05	12.75	11.95	28.21	148.01	527.48
Antigua and Barbuda	2006	80.32	7	13.57	30.78	152.66	518.77
Antigua and Barbuda	2007	85.46	4.58	17.25	30.32	156.28	624.39
Antigua and Barbuda	2008	82.87	4.07	19.02	27.8	157.3	533.59
Antigua and Barbuda	2009	72.02	2.65	18.86	27.89	154.04	537.45



Antigua and Barbuda	2010	72.05	6.69	16.09	28.71	151.24	505.76
Antigua and Barbuda	2011	81.5	14.32	12.39	29.43	149.52	478.3
Antigua and Barbuda	2012	56.86	8.99	15.34	40.45	147.84	416.24
Antigua and Barbuda	2013	87.95	10.21	11.86	29.3	146.19	435.54
Antigua and Barbuda	2014	81.69863	6.273973	8.164384	27.83562	148.3836	348.0548
Antigua and Barbuda	2015	84.82192	5.205479	10.30137	29.53425	146.7945	358.2192
Antigua and Barbuda	2016	118.6027	5.260274	7.780822	30.27397	145.3425	358.1096
Antigua and Barbuda	2017	122.5753	6.931507	7.890411	28.0274	143.9452	374.8767
Argentina	1961	250.85	26.97	23.94	23.91	11.41	212.04
Argentina	1962	268.77	25.14	18.73	29.98	11.32	199.38
Argentina	1963	279.35	22.39	15.72	31.55	14.04	192.02
Argentina	1964	272.7	23.62	16.37	33.26	18.71	200.6
Argentina	1965	285.42	21.92	17.19	36.78	18.19	189.73
Argentina	1966	271.16	20.64	17.19	41.53	16.59	204.33
Argentina	1967	283.67	18.23	16.63	42.66	14.27	214.72
Argentina	1968	295.63	18.54	17.86	41.5	15.31	216.26
Argentina	1969	298.16	16.69	17.9	42.8	13.85	252.4
Argentina	1970	305.27	17.99	18.6	39.82	14.47	271
Argentina	1971	288.78	17.26	19.29	39.81	17.9	278.36
Argentina	1972	272.1	19.24	19.99	39.64	16.06	254.28
Argentina	1973	252.49	19.1	18.62	41.9	15.17	234.5
Argentina	1974	269.24	17.3	19.77	36.84	17.17	313.89
Argentina	1975	285.66	19.46	18.42	41.26	12.96	276.37
Argentina	1976	287.33	19.2	17.45	40.3	9.15	241.13
Argentina	1977	284.85	17.36	16.59	41.04	12.47	258.03
Argentina	1978	268.03	15.61	18.31	41.57	19.2	221.32
Argentina	1979	243.97	17.82	20.06	40.23	20.96	250.78
Argentina	1980	248.69	15.93	23.84	42.01	16.45	277.25
Argentina	1981	241.78	16.55	24.55	43.6	16.56	254.57
Argentina	1982	237.74	18.72	24.02	43.3	16.07	223.62
Argentina	1983	236.34	15.56	23.01	40.06	16.14	230.31
Argentina	1984	231.23	19.95	22.41	39.33	13.74	216.9
Argentina	1985	215.81	16.27	21.65	40	18.67	229.25
Argentina	1986	224.88	15.91	22.75	42.96	15.78	207.66
Argentina	1987	222.57	13.82	20.27	43.16	14.38	228.07
Argentina	1988	207.15	16.34	18.07	44.01	18.05	211.67
Argentina	1989	203.92	15.21	23.68	41.99	14.85	173.86
Argentina	1990	205.06	15	22.04	40.08	16.35	174.57
Argentina	1991	221.52	15.88	22.16	42.39	17.65	229.21
Argentina	1992	226.82	16.91	18.55	44.81	23.86	242.73
Argentina	1993	220.46	20.08	18.69	45.54	25.42	250.15
Argentina	1994	215.3	20.64	18.62	46.27	22.16	273.43
Argentina	1995	203.38	20.52	19.46	45.69	27.52	260.96
Argentina	1996	202.03	21.87	19.43	45.03	32.33	249.55
Argentina	1997	210.78	22.07	19.34	43.88	32.85	291.61
Argentina	1998	196.34	22.3	20.05	45.98	31.8	277.27
Argentina	1999	191.53	24.04	20.61	47.11	28.04	270.06
Argentina	2000	188.24	22.89	21.04	44.61	23.41	303.8
Argentina	2001	184.17	23.97	19.11	45.91	27.51	323.87

Argentina	2002	177.64	20.92	15.87	41.14	19.86	235.4
Argentina	2003	185.32	20.9	18.87	40.14	20.11	231.73
Argentina	2004	174.15	19.25	21.79	43.07	18.71	233.69
Argentina	2005	177.37	20.07	23.44	44.22	18.37	212.88
Argentina	2006	179.35	20.35	24.94	43.02	24.84	214.52
Argentina	2007	182.51	20.89	26.12	44.94	19.96	182.1
Argentina	2008	195.82	17	27.34	43.12	21.36	207.73
Argentina	2009	192.74	16.2	29.72	43.09	16.72	207.41
Argentina	2010	187.18	18.13	32.14	43.89	16.03	205.79
Argentina	2011	183.36	17.6	33.5	42.62	16.51	251.16
Argentina	2012	181.95	18.01	33.7	42.98	16.12	222.19
Argentina	2013	194.73	17.36	31.2	43.69	19.34	210.31
Argentina	2014	175.0137	17.09589	34.32877	45.86301	16.10959	236.3288
Argentina	2015	174.7123	18.52055	40.43836	45.06849	19.75342	249.1233
Argentina	2016	172.4384	18.21918	42.19178	47.0137	16.60274	245.9726
Argentina	2017	181.4795	18.73973	42.46575	46.24658	20.0274	257.6438
Armenia	1992	26.91	0.02	9.97	3.14	3.53	167.77
Armenia	1993	29.25	0.12	6.9	2.41	3.33	101.3
Armenia	1994	36.68	0.18	8.76	8.08	2.59	148.93
Armenia	1995	20.72	1.72	9.85	14.62	2.72	177.83
Armenia	1996	21.6	2.94	10.74	18.32	1.45	186.04
Armenia	1997	21.54	4.21	10.75	19.26	1.41	142.14
Armenia	1998	20.66	3.9	9.2	12.67	1.6	143.91
Armenia	1999	20.42	6.29	12.56	11.78	2.21	113.32
Armenia	2000	17.06	7.31	13.8	13.19	3.02	132.77
Armenia	2001	17.19	9.82	14.61	13.62	3.34	134.14
Armenia	2002	14.21	9.41	15.75	15.95	3	119.62
Armenia	2003	12.47	8.15	22.58	22.89	2.18	111.96
Armenia	2004	21.07	6.8	24.12	18.37	1.34	130.2
Armenia	2005	22.3	7.11	23.83	21.59	6.63	277.33
Armenia	2006	24.52	4.9	21.92	21.78	3.94	267.75
Armenia	2007	24.15	5.36	24.85	27.78	6.18	252.39
Armenia	2008	25	7.76	27.31	26.76	8.73	309.59
Armenia	2009	28.48	8.48	29.81	27.62	9.3	330.03
Armenia	2010	30.41	11.33	33.91	29.23	7.13	195.23
Armenia	2011	20.92	11.14	31.07	28.43	8.84	228.9
Armenia	2012	15.57	10.81	33.12	35.44	9.38	325.34
Armenia	2013	22.21	11.79	32.02	36.17	12	306.49
Armenia	2014	19.83562	10.24658	30.57534	32.0274	15.06849	303.3425
Armenia	2015	20.57534	10.13699	30.90411	31.86301	18.0274	329.3151
Armenia	2016	20.46575	10.30137	32.41096	32.19178	17.91781	284.274
Armenia	2017	22.13699	9.369863	31.89041	31.61644	15.9726	339.2877
Asia	1961	6.07	3.15	5.08	7.75	21.44	68.13
Asia	1962	6.47	3.31	5.24	8.08	21.7	68.12
Asia	1963	6.73	3.38	5.27	8.79	22.27	67.74
Asia	1964	7.13	3.42	5.58	9.17	21.89	69.99
Asia	1965	7.26	3.5	5.76	9.4	23.04	71.22
Asia	1966	7.56	3.85	5.62	9.7	23.38	71.38
Asia	1967	7.91	4.06	5.82	9.62	23.9	73.34

Asia	1968	8.01	4.07	6.02	9.67	24.94	73.34
Asia	1969	8.5	4.09	6.36	9.58	24.57	71.34
Asia	1970	8.98	4.44	6.51	10.01	24.58	71.86
Asia	1971	9.12	5.05	6.59	10.25	25.63	71.73
Asia	1972	9.61	5.19	6.66	10.57	26.23	72.02
Asia	1973	10.37	5.51	6.71	10.74	26.69	73.82
Asia	1974	10.31	5.44	6.7	10.89	27.42	74.96
Asia	1975	11.18	5.22	6.86	11.54	27.29	74.57
Asia	1976	11.27	5.25	7.04	11.46	27.68	74.1
Asia	1977	12.06	5.51	7.36	12.09	27.45	76.72
Asia	1978	13.06	5.12	7.53	12.89	27.13	78.38
Asia	1979	13.34	5.1	7.47	13.1	26.33	82.3
Asia	1980	14.75	5.17	7.75	14.47	26.4	82.09
Asia	1981	14.58	5.07	7.79	14.84	26.71	83.7
Asia	1982	15.79	5.11	8.03	15.73	27.29	83.98
Asia	1983	17.28	4.68	8.37	15.97	28.05	86.06
Asia	1984	17.41	4.49	9.33	16.88	28.91	88.01
Asia	1985	18.83	4.41	10.25	17.1	29.82	88.72
Asia	1986	20.21	4.48	10.41	17.68	31.09	93.15
Asia	1987	22.84	4.64	10.7	18.16	32.42	95.64
Asia	1988	24.39	4.59	11.53	18.88	33.23	93.64
Asia	1989	23.87	4.37	11.82	19.89	33.99	96.77
Asia	1990	24.95	4.25	12.31	20.31	33.97	96.06
Asia	1991	26.35	4.22	13.3	20.35	33.83	98.45
Asia	1992	28.04	4.34	14.1	20.17	35.13	104.35
Asia	1993	29.95	4.21	15.21	20.2	37.51	111.54
Asia	1994	31.7	4.39	17.41	21.32	40.91	117.33
Asia	1995	34.26	4.57	18.62	22.15	44.27	122.76
Asia	1996	33.54	4.47	20.66	22.35	45.74	126.04
Asia	1997	34.62	4.52	20.05	22.73	45.72	129.41
Asia	1998	33.45	5.11	20.58	22.53	45.77	129.97
Asia	1999	33.24	5.44	21.34	23.37	47.16	136.75
Asia	2000	33.64	5.39	21.76	23.77	48.04	136.35
Asia	2001	34.98	5.46	21.73	23.27	48.33	140.4
Asia	2002	35.2	5.61	22.04	23.88	49.02	143
Asia	2003	35.31	5.63	22.45	24.26	49.54	147.76
Asia	2004	38.36	5.81	22.55	24.84	50.67	153.97
Asia	2005	39.16	5.87	22.96	25.46	51.51	161.89
Asia	2006	42.47	6.03	22.82	26.55	52.57	168.71
Asia	2007	46.41	6.23	23.63	27.14	54.16	175.36
Asia	2008	47.21	6.2	24.57	26.41	55.86	180.51
Asia	2009	46.24	6.07	24.8	27.72	57.46	184.41
Asia	2010	48.12	6.3	24.9	27.31	58.66	188.53
Asia	2011	51.09	6.51	24.94	28.08	59.03	195.22
Asia	2012	50.94	6.82	25.42	27.74	60.44	203.83
Asia	2013	52.4	6.83	25.73	27.17	59.45	208.09
Asia	2014	51.36986	6.794521	25.47945	24.71233	62.32877	204.7123
Asia	2015	50.27397	6.986301	28.60274	24.9863	64.32877	205.3699
Asia	2016	48.76712	7.068493	29.0411	24.68493	64.9589	205.1233

Asia	2017	48.08219	7.753425	29.72603	25.20548	66.19178	208.3014
Australia	1961	296.82	14.12	32.11	20.65	35.11	218.97
Australia	1962	299.27	13.26	31.7	21.72	32.05	218.51
Australia	1963	309.97	11.78	31.25	22.68	24.2	235.21
Australia	1964	320.71	11.91	32.33	21.44	34.65	225.83
Australia	1965	320.26	12.54	32.88	22.32	35.01	234.71
Australia	1966	317.47	11.26	32.68	21.69	38.94	217.58
Australia	1967	325.66	11.03	32.62	22.56	36.37	232.95
Australia	1968	335.86	10.71	32.83	24.82	35.38	231.44
Australia	1969	347.33	11.64	32.28	25.78	35.68	243.95
Australia	1970	358.78	10.69	32.64	28.36	35.04	248.1
Australia	1971	365.56	10.64	33.05	27.62	38.67	261.69
Australia	1972	370.63	10.56	34.23	31.4	34.2	252.02
Australia	1973	383.97	10.47	30.55	32.28	36.02	243.5
Australia	1974	415.15	10.69	31.8	33.43	43.76	219.21
Australia	1975	424.18	10.54	33.62	32.73	37.19	253.39
Australia	1976	415.79	10.18	31.93	34.98	35.47	242.54
Australia	1977	417.92	11.3	31.62	38.98	39.9	229.31
Australia	1978	425.85	9.14	33.11	40.13	37.07	217.15
Australia	1979	418.58	10.67	31.9	40.64	34.33	237.03
Australia	1980	411.16	12.34	31.38	43.07	38.29	252.39
Australia	1981	417.26	11.34	31.99	43.08	44.18	236.64
Australia	1982	412.25	12.45	31.78	45.23	45.88	227.78
Australia	1983	406.9	12.08	32.13	44.29	41.16	234.91
Australia	1984	381.95	11.97	29.22	41.29	46.29	244.89
Australia	1985	381.1	12.62	27.8	44.37	47.7	264.19
Australia	1986	377.03	11.83	27.43	47.94	48.51	252.29
Australia	1987	365.51	11.5	27.34	51.94	51.29	254.05
Australia	1988	358.55	12.11	26.68	51.91	52.24	242.7
Australia	1989	362.41	12.15	26.59	54.18	51.55	255.62
Australia	1990	355.32	11.57	26.53	55.59	54.66	256.49
Australia	1991	345.49	11.45	21.82	56.44	55.28	237.28
Australia	1992	337.24	11.84	18.17	60.34	58.52	249.38
Australia	1993	325.27	12.09	18.33	58.67	55.47	268.35
Australia	1994	318.34	12.91	17.88	55.27	56.59	257.2
Australia	1995	311.51	16.39	17	53.59	51.58	239.42
Australia	1996	306.73	13.98	16.41	54.55	57.31	232.98
Australia	1997	308.68	12.17	16.59	57.27	56.15	255.77
Australia	1998	306.21	12.08	17.34	56.68	56.05	244.03
Australia	1999	307.36	13.62	17.55	61.27	57.8	249.08
Australia	2000	307.44	10.66	16.12	59.86	59.17	257.08
Australia	2001	307.76	10.79	15.64	64.6	58.12	272.74
Australia	2002	299.8	11.82	15.14	58.61	62.44	269.08
Australia	2003	299.36	11.48	13.69	57.95	67.89	290.37
Australia	2004	301.97	12.51	13.61	64.32	75.63	285
Australia	2005	306.3	16.12	14.22	62.57	69.99	305.08
Australia	2006	299.79	15.4	18.47	67.24	70.53	287.89
Australia	2007	296.92	15.41	16.89	66.36	71.91	301.54
Australia	2008	282.81	16.29	16.3	65.3	72.72	289.28

Australia	2009	298.27	17.24	15.7	71.95	69.84	281.43
Australia	2010	278.13	17.02	17.25	70.32	74.19	285.99
Australia	2011	287.25	18.44	18.85	73.2	72.42	272.47
Australia	2012	290.45	22.03	19.46	75.03	71.63	262.7
Australia	2013	300.81	20.42	23.3	71.95	72.1	255.72
Australia	2014	292.1096	28.13699	20.87671	69.06849	72.57534	211.4247
Australia	2015	286.7397	29.89041	20.32877	67.86301	68.16438	207.0137
Australia	2016	279.6986	27.23288	21.61644	69.31507	70.52055	225.1781
Australia	2017	271.0137	18.9863	22	67.83562	71.0411	217.5616
Australia & New Zealand	1961	296.46	13.53	35.04	18.02	39.12	211.64
Australia & New Zealand	1962	299.89	13.04	34.55	18.65	36.36	211.64
Australia & New Zealand	1963	307.83	11.67	34.2	19.42	29.55	226.21
Australia & New Zealand	1964	317.02	12	35	18.51	37.2	224.35
Australia & New Zealand	1965	317.46	12.29	35.42	19.62	37.85	225.31
Australia & New Zealand	1966	317.21	11.46	35.38	20.9	41.91	217.15
Australia & New Zealand	1967	325.61	11.29	35.98	21.48	39.66	227.03
Australia & New Zealand	1968	334.53	10.81	35.95	23.57	37.6	224.41
Australia & New Zealand	1969	344.68	11.71	35.47	24.09	36.28	233.7
Australia & New Zealand	1970	356.23	11.19	35.66	26.02	36.65	240.35
Australia & New Zealand	1971	364.62	11.09	35.51	26.8	40.34	248.46
Australia & New Zealand	1972	369.25	11.15	36.47	29.89	34.03	244.8
Australia & New Zealand	1973	382.46	10.8	33.79	30.04	37.48	236.39
Australia & New Zealand	1974	407.61	10.83	34.69	31.49	43.48	216.55
Australia & New Zealand	1975	416.49	11.05	35.96	31.48	37.98	241.68
Australia & New Zealand	1976	406.95	10.37	33.86	31.6	36.45	234.85
Australia & New Zealand	1977	409.75	11.38	34.02	35.87	40.36	223.71
Australia & New Zealand	1978	419.8	9.31	35.25	37.58	39.33	215.57
Australia & New Zealand	1979	409.13	10.8	34.32	38.66	35.03	231.63
Australia & New Zealand	1980	404.95	12.6	33.44	40.73	38.56	248.85
Australia & New Zealand	1981	410.82	11.29	34.42	40	41.94	239.55
Australia & New Zealand	1982	403.99	12.42	34.21	42.33	45.17	230.52
Australia & New Zealand	1983	397.49	12.04	33.71	42.55	41.79	235.33
Australia & New Zealand	1984	379.29	11.85	30.7	38.46	46.3	247.87
Australia & New Zealand	1985	378.74	12.42	29.04	41	46.08	266.4
Australia & New Zealand	1986	378.1	11.71	28.67	45.21	46.03	257.31
Australia & New Zealand	1987	367.93	11.38	27.68	48.1	51.6	267.09
Australia & New Zealand	1988	359.53	12.04	27.27	49.34	49.69	255.7
Australia & New Zealand	1989	361.39	11.77	27.66	51.37	52.42	267.62
Australia & New Zealand	1990	354.24	11.46	30.48	53.97	55.98	261.17
Australia & New Zealand	1991	342.3	11.31	26.52	54.13	55.38	243.02
Australia & New Zealand	1992	335.54	11.65	23.17	57.16	58.21	255.11
Australia & New Zealand	1993	321.88	11.91	23.15	55.48	55.38	276.32
Australia & New Zealand	1994	314.99	12.65	19.5	51.66	56.84	268.46
Australia & New Zealand	1995	307.47	15.34	18.6	50.65	55.39	254
Australia & New Zealand	1996	303.78	13.51	18.11	52.05	57	249.87
Australia & New Zealand	1997	302.27	12.07	18.2	54.47	59.08	266.94
Australia & New Zealand	1998	300.97	11.92	18.82	53.63	58.5	254.25
Australia & New Zealand	1999	300.8	13.3	18.95	57.39	59.03	260.61
Australia & New Zealand	2000	298.94	11.05	17.76	56.41	59.7	274.01

Australia & New Zealand	2001	299.32	10.82	17.44	60.28	60.98	284.04
Australia & New Zealand	2002	291.49	11.63	17.09	55.3	64.04	278.59
Australia & New Zealand	2003	290.39	11.38	15.88	54.51	68.57	292.68
Australia & New Zealand	2004	292.01	12.35	15.94	60.33	75.31	290.39
Australia & New Zealand	2005	295.27	15.39	16.61	58.86	70.95	309.82
Australia & New Zealand	2006	290	15.01	20.26	62.64	70.18	285.24
Australia & New Zealand	2007	287.63	15.05	18.43	62.19	72.9	304.54
Australia & New Zealand	2008	276.59	15.58	18.58	61.2	72.78	296.89
Australia & New Zealand	2009	287.15	16.51	17.68	66.17	69.88	286.07
Australia & New Zealand	2010	268.13	16.94	18.88	64.91	73.73	289.27
Australia & New Zealand	2011	276.11	17.1	20.14	67.08	71.99	269.81
Australia & New Zealand	2012	277.53	20.55	20.78	68.41	70.9	263.09
Australia & New Zealand	2013	286.37	19.2	23.93	65.92	71.59	259.33
Australia and New Zealand	2014	279.3973	25.06849	21.78082	61.91781	71.72603	204.8767
Australia and New Zealand	2015	273.6986	26.60274	21.36986	60.84932	67.91781	199.9178
Australia and New Zealand	2016	266.6849	24.38356	22.68493	62.60274	69.78082	217.4795
Australia and New Zealand	2017	261.2877	17.53425	23.0411	61.0137	70.60274	209.1507
Austria	1961	298.64	7.28	35.53	48.31	19.26	367.03
Austria	1962	308.08	7.3	38.19	49.6	20	327.5
Austria	1963	346.16	8.35	38.19	54.6	19.67	346.53
Austria	1964	350.53	9.24	38.87	56.17	20.05	347.49
Austria	1965	363.58	7.87	36.16	56.33	21.23	278.12
Austria	1966	366.92	9.37	36.12	57.03	19.9	324.01
Austria	1967	381.78	10.18	36.73	56.46	20.69	308.32
Austria	1968	368.1	10.74	36.92	57.49	20.79	312.21
Austria	1969	372.93	12.02	36.93	57.51	20.57	311.69
Austria	1970	381.74	11.88	37.69	59.74	21.08	313.24
Austria	1971	397.87	13.21	37.03	61.69	21.5	298.87
Austria	1972	404.03	12.98	38.36	62.58	20.7	271
Austria	1973	396.56	13.3	37.64	64.51	21.9	330.4
Austria	1974	388.6	14.03	36.45	61.52	19.92	291.72
Austria	1975	392.34	16.12	37.74	61.63	18.63	313.58
Austria	1976	391.94	17.3	38.87	66.2	16.68	328.62
Austria	1977	391.78	13.92	39.06	64.88	15.7	305.83
Austria	1978	388.22	16.05	40.39	65.65	15.51	311.65
Austria	1979	392.55	19.74	40.77	68.98	17.47	344.21
Austria	1980	395.15	21.07	39.65	73.97	17.32	337.5
Austria	1981	401.75	21.13	39.47	74.73	17.25	283.52
Austria	1982	416.15	27.24	37.38	76.28	17.24	362.64
Austria	1983	419.17	28.55	38.56	75.16	18.64	341.14
Austria	1984	405.99	25.33	38.63	74.91	18.06	344.77
Austria	1985	423.95	24.4	38.39	76.06	18.77	319.32
Austria	1986	424.41	26.48	38.77	75.89	19.87	368.3
Austria	1987	427.65	26.36	39.09	75.86	21.32	338.57
Austria	1988	444.8	28.99	39.41	70.46	22.29	388.16
Austria	1989	445.44	34.14	36.94	74.6	25.21	410.1
Austria	1990	440.48	36.64	38.53	73.64	25.47	383.84
Austria	1991	453.19	32.77	36.36	75.92	26.03	388.04
Austria	1992	436.04	31.39	36.47	76.72	28.75	404.3

Austria	1993	416.4	32.48	36.75	75.78	27.68	455.96
Austria	1994	417.9	27.66	39.47	71.81	33.22	422.74
Austria	1995	411.41	24.28	37.37	72.55	23.84	331.28
Austria	1996	403.42	26.56	37.52	74.63	29.42	274.69
Austria	1997	412.6	28.25	38.53	74.42	29.06	329.65
Austria	1998	413.13	23.88	38.29	74.51	29.3	253.43
Austria	1999	420.9	24.09	36.13	76.87	29.5	311.97
Austria	2000	406.34	16.21	33.59	76.98	26.33	351.66
Austria	2001	401.93	21.57	34.72	79.81	29.96	358.41
Austria	2002	405.89	19.04	35.61	77.04	28.43	332.6
Austria	2003	403.59	18.21	35.08	78.32	30.24	387.57
Austria	2004	394.78	21.52	34.62	80.89	33.2	390.12
Austria	2005	400.07	19.92	36.46	77.55	37.36	396.98
Austria	2006	400.2	19.02	37.21	89.02	36.93	397.98
Austria	2007	392.1	26.88	38.03	84.42	42.15	413.72
Austria	2008	377.37	23.97	38.15	86.88	40	433
Austria	2009	389.29	19.37	37.23	91.72	37.75	361.33
Austria	2010	381.65	19.03	37.27	95.87	37.1	361.8
Austria	2011	389.6	23.84	37.5	89.13	39.02	430.8
Austria	2012	376.52	30.5	38.27	92.57	37.59	432.63
Austria	2013	393.01	28.5	40.21	91.98	38.09	425.98
Austria	2014	383.9178	22.41096	37.58904	51.89041	38.43836	258.0274
Austria	2015	374.4658	22.16438	37.86301	52.38356	38.43836	276.9041
Austria	2016	357.0411	22.16438	37.9726	51.9726	38.54795	206.8767
Austria	2017	358.4384	20.9589	40.24658	50.93151	38.68493	237.6438
Azerbaijan	1992	30.15	2.04	15.95	5.22	11.77	241.79
Azerbaijan	1993	19.41	2.86	10.73	4.18	8.3	204.5
Azerbaijan	1994	15.2	1.85	11.68	9.15	6.38	215.99
Azerbaijan	1995	14.92	2.05	11.68	7.8	3.79	225.25
Azerbaijan	1996	19.34	3.62	11.98	8.97	2.6	198.6
Azerbaijan	1997	9.04	2.24	11.66	5.74	1.84	123.47
Azerbaijan	1998	8.94	2.42	11.83	5.37	2.79	162.45
Azerbaijan	1999	41.63	1.18	11.84	7.33	6.99	169.52
Azerbaijan	2000	54.28	0.88	11.36	7.92	7.08	159.47
Azerbaijan	2001	62.77	2.18	10.92	7.94	4.54	163.1
Azerbaijan	2002	60.26	1.46	10.57	8.04	5.62	152.32
Azerbaijan	2003	60.05	1.16	11.68	10.46	3.71	143.93
Azerbaijan	2004	73.67	1.42	14.14	12.74	4.38	112.88
Azerbaijan	2005	95.12	1.43	15.03	11.24	5.14	155.67
Azerbaijan	2006	118.13	0.84	13.24	10.09	4.88	169.17
Azerbaijan	2007	143.09	3.67	15.47	7.97	4.71	148.81
Azerbaijan	2008	125.27	3.65	19.7	7.96	5.95	152.91
Azerbaijan	2009	136.85	4.35	20.75	4.23	5.98	174.09
Azerbaijan	2010	142.93	1.05	20.21	3.42	6.1	178.71
Azerbaijan	2011	145.19	1.47	21.39	4.31	5.98	191.84
Azerbaijan	2012	163.34	1.34	20.71	4.06	5.89	213.88
Azerbaijan	2013	179.38	1.4	22.5	8.05	5.84	205.59
Azerbaijan	2014	172.411	0.931507	23.42466	9.890411	5.287671	188.7397
Azerbaijan	2015	160	0.931507	22.84932	10.0274	3.780822	202.7123

Azerbaijan	2016	146.5753	0.90411	23.45205	9.616438	5.972603	211.4247
Azerbaijan	2017	156.1096	2.547945	24.27397	9.780822	8.767123	208.5479
Bahamas	1961	107.83	6.51	5.57	24.58	27.05	201.66
Bahamas	1962	100.02	6.36	4.08	24.18	27.97	198.44
Bahamas	1963	117.61	6.14	4.1	24.13	35.28	206.65
Bahamas	1964	124.98	6.88	4.19	24.23	27.46	203.6
Bahamas	1965	138.53	6.5	3.46	24.47	41.75	211.82
Bahamas	1966	151.44	7.31	4.58	25.32	51.1	225.77
Bahamas	1967	143.23	7.03	4.33	24.54	46.57	224.22
Bahamas	1968	137.8	8.4	4.17	28.5	41.71	241.48
Bahamas	1969	148.42	8.85	4.28	27.32	40.36	251.18
Bahamas	1970	150.84	8.36	2.98	27.47	47.85	255.78
Bahamas	1971	151.9	7.48	3.31	27.87	40.91	270.93
Bahamas	1972	149.22	7.8	3.36	27.52	32.09	261.57
Bahamas	1973	152.71	6.73	3.47	27.8	46.52	252.32
Bahamas	1974	149.46	6.12	4.19	29.17	39.1	250.46
Bahamas	1975	134.41	3.51	4.39	29.27	41.03	244.05
Bahamas	1976	137.15	3.92	3.04	29.36	32.97	252.47
Bahamas	1977	137.25	3.29	3.91	24.37	35.39	243.45
Bahamas	1978	135.06	3.38	4.25	22.35	40.29	247.4
Bahamas	1979	136.19	4.2	3.03	23.14	34.21	241.86
Bahamas	1980	136.15	5.95	4.03	29.96	49.46	291.35
Bahamas	1981	131.91	4.57	3.42	28.36	55.31	285.93
Bahamas	1982	141.23	4.93	3.51	29.12	50.09	325.29
Bahamas	1983	137.69	4.49	3.75	29.07	52.2	313.32
Bahamas	1984	132.8	5.84	5.74	29.75	51.12	314.06
Bahamas	1985	136.07	6.63	4.01	29.86	59.81	300.76
Bahamas	1986	152.17	7.33	4.25	32.01	61.62	339.7
Bahamas	1987	138.9	6.04	3.78	31.81	58.89	439.63
Bahamas	1988	127.51	7.46	6.79	28.54	62.57	392.93
Bahamas	1989	143.29	4.95	6.24	34.3	67.85	377.32
Bahamas	1990	149.03	11.47	5.27	26.18	63.96	331.73
Bahamas	1991	127.23	7.29	4.27	29.54	66.74	299.17
Bahamas	1992	129.26	6.13	4.68	28.8	69.8	319.31
Bahamas	1993	125.3	8.88	5.16	27.84	67.32	301.31
Bahamas	1994	118.98	11.08	6.27	26.16	66.59	276.61
Bahamas	1995	108.99	9.66	8.68	22.56	69.34	301.66
Bahamas	1996	91.03	8.25	6.66	22.66	63.11	300.65
Bahamas	1997	91.9	8.85	13.82	28.62	84.29	552.86
Bahamas	1998	85.89	5.54	11.83	28.89	87.77	599.07
Bahamas	1999	87.9	6.45	8.91	28	88.78	733.9
Bahamas	2000	77.8	10.55	11.94	27.82	98.19	824.65
Bahamas	2001	79.72	12.82	11.83	30.96	96.18	738.94
Bahamas	2002	91.9	11.17	8.18	29.55	91.13	680.58
Bahamas	2003	83.76	11.18	6.9	30.89	91.1	586.98
Bahamas	2004	77.25	8.16	8.54	32.49	91.19	892.07
Bahamas	2005	74.32	11.68	11.46	29.88	86.85	845.3
Bahamas	2006	75.85	12.78	15.67	29.21	88.41	653.44
Bahamas	2007	75.13	12.14	17.89	29.9	85.48	565.12



Bahamas	2008	72.11	14.93	17.9	29.27	86.78	638.46
Bahamas	2009	77.03	24.61	17.28	27.75	80.08	625.47
Bahamas	2010	68.08	11	21.9	24.17	80.41	733.45
Bahamas	2011	72.05	5.11	20	27.25	80.98	739.61
Bahamas	2012	61.14	23.79	20.48	26.58	81.62	821.79
Bahamas	2013	54.9	21.86	16.99	25.34	75.78	786.5
Bahamas	2014	61.9726	10.68493	12.87671	15.23288	77.12329	410.3562
Bahamas	2015	60.76712	9.589041	11.9726	12.38356	76.35616	423.8082
Bahamas	2016	60.49315	5.972603	19.12329	16.21918	75.61644	417.2329
Bahamas	2017	60.76712	6.575342	19.36986	15.58904	74.87671	430.274
Bangladesh	1961	0	0.52	0.88	7.02	23.36	57.68
Bangladesh	1962	0	0.26	1.08	6.22	24.74	59.85
Bangladesh	1963	0	0.38	1.2	7.04	24.05	58.31
Bangladesh	1964	0	0.35	1.3	6.81	26.05	62.21
Bangladesh	1965	0	0.16	1.43	7.35	28.45	61.2
Bangladesh	1966	0	0.15	1.61	6.79	27.84	65.37
Bangladesh	1967	0	0.37	1.68	5.65	26.94	67.52
Bangladesh	1968	0	0.14	1.76	6.11	28.25	69.14
Bangladesh	1969	0	0.14	1.82	6.18	27.45	62.27
Bangladesh	1970	0	0.06	1.93	6.32	28.44	52.52
Bangladesh	1971	0	0.15	1.9	6.03	29.93	51.38
Bangladesh	1972	0	0.43	1.86	5.88	32.58	48.23
Bangladesh	1973	0.01	0.31	1.79	5.91	32.1	47.29
Bangladesh	1974	0.01	0.34	1.75	5.34	31.57	45
Bangladesh	1975	0.01	0.32	1.71	5.67	24.19	44.04
Bangladesh	1976	0.01	0.38	1.67	7.94	23.63	43.71
Bangladesh	1977	0.45	0.37	1.65	4.99	23.14	42.61
Bangladesh	1978	0.02	0.34	2.17	5.52	22.62	40.54
Bangladesh	1979	0.02	0.31	2.23	6.1	21.91	38.96
Bangladesh	1980	0.01	0.44	1.65	5.99	21.15	39.63
Bangladesh	1981	0.01	0.2	1.7	6.62	20.77	39.89
Bangladesh	1982	0.01	0.04	1.75	7.7	21.38	38.94
Bangladesh	1983	0.01	0.3	1.81	8.42	21.79	37.2
Bangladesh	1984	0.03	0.1	1.52	7.56	21.72	35.79
Bangladesh	1985	0.03	0.46	1.58	9.57	21.44	35.41
Bangladesh	1986	0.03	0.19	1.61	9.22	21.68	36.26
Bangladesh	1987	0.04	0.38	1.43	11.5	21.38	34.33
Bangladesh	1988	0.03	0.28	1.67	11.2	21.51	31.76
Bangladesh	1989	0.05	0.51	1.33	11.65	21.22	31.94
Bangladesh	1990	0.05	0.44	1.75	8.31	20.72	31.64
Bangladesh	1991	0.04	0.43	1.74	10.29	21.5	30.37
Bangladesh	1992	0.06	0.48	1.79	12.82	21.72	30.45
Bangladesh	1993	0.05	0.44	1.92	11.17	23.03	29.9
Bangladesh	1994	0.06	0.48	2.1	9.79	23.07	29.85
Bangladesh	1995	0.07	0.56	2.29	11.21	24.28	30.64
Bangladesh	1996	0.06	0.59	2.91	11.72	25.7	29.8
Bangladesh	1997	0.05	0.67	3.29	16.46	27.65	30.17
Bangladesh	1998	0.07	0.54	3.21	21.49	29.56	29.23
Bangladesh	1999	0.06	0.71	2.96	13.9	31.94	27.55

Bangladesh	2000	0.07	0.72	3.06	17.45	33.41	27.75
Bangladesh	2001	0.06	0.93	3.25	17.29	35.21	29.05
Bangladesh	2002	0.05	1.07	3.41	13.49	37.17	28.65
Bangladesh	2003	0.03	0.98	3.62	15.36	38.54	31
Bangladesh	2004	0.04	0.91	3.55	16.04	39.82	36.51
Bangladesh	2005	0	0.85	4.15	16.09	41.23	53.46
Bangladesh	2006	0.05	0.95	3.93	17.69	42.89	56.51
Bangladesh	2007	0.04	1	3.84	16.73	44.06	62.61
Bangladesh	2008	0.04	0.95	4.01	16.28	45.26	64.32
Bangladesh	2009	0.07	0.98	3.23	17.31	50.86	66.06
Bangladesh	2010	0.09	1.09	3.96	16.51	52.97	70.1
Bangladesh	2011	0.06	1.11	4.15	17.34	53.89	64.62
Bangladesh	2012	0.05	1.05	4.97	17.94	53.26	63.11
Bangladesh	2013	0.04	1.33	5.7	17.72	52.62	64.02
Bangladesh	2014	0.082192	1.150685	4.794521	18.32877	62.82192	67.47945
Bangladesh	2015	0.109589	1.287671	5.123288	19.31507	65.36986	72.90411
Bangladesh	2016	0.082192	1.232877	5.890411	19.89041	67.28767	74.32877
Bangladesh	2017	0.082192	1.39726	7.808219	20.46575	66.57534	75.78082
Barbados	1961	45.56	2.24	5.28	15.38	67.63	119.58
Barbados	1962	57.47	2.54	5.4	17	66.45	119.3
Barbados	1963	61.73	2.34	5.27	18.5	63.83	118.68
Barbados	1964	61.07	2.59	5.43	20.23	53.88	125.5
Barbados	1965	57.17	2.86	5.82	22.01	60.36	121.67
Barbados	1966	89.09	2.63	5.64	19.93	80.13	148.26
Barbados	1967	80.71	2.52	6.34	21.4	76.06	162.33
Barbados	1968	82.44	2.91	6.5	20.84	60.42	163.87
Barbados	1969	83.28	3.27	8.67	21.35	58.73	145.77
Barbados	1970	93.7	2.75	8.21	23.82	62.81	185.82
Barbados	1971	90.59	3.55	8.07	27.45	59.68	174.91
Barbados	1972	123.44	2.96	8.24	30.58	58.29	195.54
Barbados	1973	123.24	3.21	8.12	32.05	60.07	141.05
Barbados	1974	116.98	3.15	8.15	34.39	68.3	135.62
Barbados	1975	113.12	5.21	14.66	35.15	76.15	156.52
Barbados	1976	115.83	5.74	14.92	33.63	84.8	166.11
Barbados	1977	143.22	8.47	15.1	32.63	68.29	152.9
Barbados	1978	168.58	3.5	16.6	31.13	83.72	179.92
Barbados	1979	126.48	4.11	14.45	30.24	83.51	168.17
Barbados	1980	148.39	3.53	16.47	32.09	74.29	194.01
Barbados	1981	153.63	4.8	12.56	35.76	91.16	204.13
Barbados	1982	145.45	5.15	14.2	39.13	82.85	187.58
Barbados	1983	150	4.24	9.68	34.54	103.98	165.64
Barbados	1984	127.94	3.98	17.07	32.91	100.56	177.68
Barbados	1985	127.26	4.45	11.85	33.33	84.18	225.35
Barbados	1986	143.2	5.33	12.67	34.97	84.08	220.23
Barbados	1987	143.3	4.39	17.33	34.89	78.32	250.89
Barbados	1988	154.9	3.66	14.15	32.59	87.61	271.5
Barbados	1989	160.53	4.43	12.88	33.06	76.02	227.91
Barbados	1990	161.39	3.81	13.9	36.14	77.47	211.59
Barbados	1991	158.69	3.57	12.34	34.44	70.28	267.6

Barbados	1992	129.64	4.14	10.73	42.59	73.77	220.16
Barbados	1993	148.11	4.14	10.65	39.56	74.66	233.81
Barbados	1994	154.72	5.29	11.14	39.28	70.88	245
Barbados	1995	109.39	6.45	8.77	37.4	84.58	254.3
Barbados	1996	110.74	6.66	10.02	35.91	83.42	229.97
Barbados	1997	116.4	6.27	6.5	43.74	87.72	258.84
Barbados	1998	112.48	4.08	5.54	35.54	69.7	235.59
Barbados	1999	122.28	7.07	8.78	34.83	93.85	296.75
Barbados	2000	115.85	5.11	8.68	33.94	102.24	255.93
Barbados	2001	106.4	7.56	11.77	31.56	104.61	295.06
Barbados	2002	104.71	9.73	12.27	30.67	110.35	340.41
Barbados	2003	102.51	8.32	14.07	30.6	115.27	346.11
Barbados	2004	93.12	8.08	17.37	31.52	100.47	277.75
Barbados	2005	134.1	8.52	10.55	33.15	111.15	343.25
Barbados	2006	139.08	9.11	15.63	30.39	113.07	342.44
Barbados	2007	143.94	8.24	18.12	30.33	115.73	368.15
Barbados	2008	144.22	8.89	14.51	32.03	115.47	377.51
Barbados	2009	145.52	9.66	16.78	33.87	109.42	354.3
Barbados	2010	157.54	8.96	18.64	32.26	107.7	361.9
Barbados	2011	149.04	8.77	18.04	30.67	107.01	334.49
Barbados	2012	172.74	10.73	22.69	29.81	107.3	300.06
Barbados	2013	169.76	9.87	26.32	29.99	109.98	287.42
Barbados	2014	136.3288	6.164384	22.27397	27.31507	110.0274	184.6575
Barbados	2015	133.9178	7.561644	24.27397	28.87671	109.8356	193.0959
Barbados	2016	79.31507	6.109589	30.71233	28.76712	109.6438	205.8082
Barbados	2017	117.6712	7.232877	26.05479	28.57534	109.5068	217.4247
Belarus	1992	110.77	6.86	47.18	14.98	2.65	105.1
Belarus	1993	106.55	12.45	47.69	18.21	3.17	123.35
Belarus	1994	90.54	15.81	47.17	23.35	3.92	109.26
Belarus	1995	83.17	14.79	45.56	27.85	16.34	114.03
Belarus	1996	99.94	21.21	45.97	30.23	17.97	109.71
Belarus	1997	107.67	31.63	45.56	29.6	30.42	106.33
Belarus	1998	99.1	19.2	41.61	28.44	20.83	54.84
Belarus	1999	101.39	4.63	36.41	34.6	17.79	68.77
Belarus	2000	89.15	7.55	34.38	33.28	26.82	72.01
Belarus	2001	86.13	8.16	34.53	41.23	36.71	94.46
Belarus	2002	85.64	10.46	35.11	41.4	41.12	149.42
Belarus	2003	85.11	10.04	34.72	33.82	39.5	140.98
Belarus	2004	99.31	10.59	37.02	36.61	42.18	144.92
Belarus	2005	130.26	17.07	40.27	41.23	43.49	147.06
Belarus	2006	164.32	11.78	42.71	48.58	44.01	184.79
Belarus	2007	192.09	13.48	41.95	53.26	46.49	184.51
Belarus	2008	203.72	13.06	42.91	53.07	49.58	185.46
Belarus	2009	190.84	10.8	43.33	45.73	49.39	183.37
Belarus	2010	206.44	11.04	44.12	54.91	46.17	190.04
Belarus	2011	213.09	9.97	44.88	61.69	39.7	170.92
Belarus	2012	214.28	10.81	47.61	60.07	41.9	197.73
Belarus	2013	210.64	10.99	43.46	60.55	45.04	198.13
Belarus	2014	208.2192	9.534247	39.91781	57.31507	44.65753	175.6986

Belarus	2015	196.5205	9.260274	40.46575	50.49315	44.65753	183.4795
Belarus	2016	202.3562	9.013699	38.68493	52.68493	44.63014	202.274
Belarus	2017	194.7123	9.287671	40.30137	46.79452	44.60274	190.7123
Belgium	2000	349.18	9.93	30.02	92.88	65.11	205.77
Belgium	2001	344.45	7.97	35.88	93.96	60.3	198.25
Belgium	2002	332.72	21.79	33.18	94.53	59.52	200.94
Belgium	2003	327.27	26.15	32.15	93.04	68.07	212.51
Belgium	2004	330.47	23.94	38.7	93.06	67.37	246.3
Belgium	2005	354.57	20.35	31.01	92.65	67.25	201.8
Belgium	2006	336.71	26.21	36.59	85.66	65.77	249.51
Belgium	2007	317.83	19.56	35.48	85.96	69.15	242.28
Belgium	2008	306.86	15.58	33.25	88.04	72.37	258.42
Belgium	2009	309.04	16.96	27.46	89.44	67.07	222.95
Belgium	2010	306.04	16.56	33.54	91.86	69.5	204.15
Belgium	2011	325.07	15.02	39.74	93.45	71.72	173.12
Belgium	2012	291.64	15.78	32.51	84.28	68.92	176.71
Belgium	2013	286.55	25.51	34.5	84.02	68.74	205.14
Belgium	2014	292.7945	18.30137	33.0137	44.57534	71.91781	146.5205
Belgium	2015	276.4932	23.83562	36.76712	40.87671	67.80822	451.3973
Belgium	2016	277.0959	21.26027	33.56164	41.94521	65.15068	330.8219
Belgium	2017	297.4795	15.28767	36.10959	39.31507	63.09589	234.9589
Belgium-Luxembourg	1961	346.28	17.47	41.62	61.29	52.75	162.23
Belgium-Luxembourg	1962	336.44	16.49	34.14	59.56	48.99	161.17
Belgium-Luxembourg	1963	351.21	17.45	36.38	62.21	49.62	154.15
Belgium-Luxembourg	1964	366.83	19.96	39.48	66.21	50.98	170.61
Belgium-Luxembourg	1965	360.68	20.32	35.68	64.42	50.74	174.67
Belgium-Luxembourg	1966	358.27	17.23	38.26	68.79	51.01	191.31
Belgium-Luxembourg	1967	370.96	19.76	36.26	71.18	48.69	203.27
Belgium-Luxembourg	1968	376	20.49	35.79	68.04	48.54	189.27
Belgium-Luxembourg	1969	389.83	22.08	37.57	66.65	47.81	217.36
Belgium-Luxembourg	1970	413.38	19.21	36.32	61.76	48.11	226.61
Belgium-Luxembourg	1971	404.75	22.24	35.91	73.76	49.52	228.47
Belgium-Luxembourg	1972	418.74	21.93	34.28	70.4	48.42	220.06
Belgium-Luxembourg	1973	446.83	22.12	34.59	71.04	47.29	208.35
Belgium-Luxembourg	1974	423.83	19.23	33.9	74.15	49.23	189
Belgium-Luxembourg	1975	426.52	22.68	39.73	65.23	46.15	190.3
Belgium-Luxembourg	1976	439.05	22.44	35.34	62.16	52.18	201.32
Belgium-Luxembourg	1977	423.36	18.32	36.55	59.19	52.22	174.16
Belgium-Luxembourg	1978	408.97	19.03	36.94	60.81	52.73	218.05
Belgium-Luxembourg	1979	417.94	22.42	36.74	59.16	55.13	224.73
Belgium-Luxembourg	1980	432.37	21.79	35.87	69.68	56.27	233.23
Belgium-Luxembourg	1981	416.04	22.37	37.88	68.05	55.26	201.66
Belgium-Luxembourg	1982	442.26	22.34	36.34	73.27	56	225.44
Belgium-Luxembourg	1983	428.99	22.33	38.22	79.31	56.6	250.19
Belgium-Luxembourg	1984	419.9	22.19	36.16	82.41	53.31	241.17
Belgium-Luxembourg	1985	410.98	23.6	36.67	78.44	53.83	202.77
Belgium-Luxembourg	1986	405.42	22.22	35.63	85.77	54.98	239.94
Belgium-Luxembourg	1987	414.19	26.49	34.95	81.93	54.54	253.27
Belgium-Luxembourg	1988	400.14	26.89	33.65	92.23	53.94	308.93

Belgium-Luxembourg	1989	390.08	26.98	29.62	85.05	57.29	312.32
Belgium-Luxembourg	1990	407.57	27.45	32.52	84.41	63.61	340.68
Belgium-Luxembourg	1991	378.89	24.8	34.34	89.47	61.97	379.9
Belgium-Luxembourg	1992	391.68	23.4	35.12	89.37	65.17	454.97
Belgium-Luxembourg	1993	387.29	10.98	36.48	89	58.57	296.26
Belgium-Luxembourg	1994	369.91	8.67	39.98	91.44	64.13	368.48
Belgium-Luxembourg	1995	366.35	6.39	38.29	94.57	66.89	318.16
Belgium-Luxembourg	1996	361.91	16.13	35.71	98.13	58.22	392.55
Belgium-Luxembourg	1997	399.6	12.01	38.93	97.72	61.15	322.36
Belgium-Luxembourg	1998	365.53	19.3	41.39	97.57	63.76	322.82
Belgium-Luxembourg	1999	345.41	15.28	39.83	97.48	64.39	320.55
Belize	1961	35.36	1.53	6.23	32.17	16.6	265.79
Belize	1962	53.04	1.98	6.41	33.51	19.08	397.59
Belize	1963	48.2	2.14	4.9	33.18	21.25	377.61
Belize	1964	48.2	1.46	6.33	33.56	23.29	364.75
Belize	1965	51.48	1.76	6.88	33.8	14.86	357.16
Belize	1966	42.42	1.48	7.94	35.71	16.98	252.33
Belize	1967	38.5	1.74	7.49	33.97	21.22	238.17
Belize	1968	43.45	1.99	7.46	33.55	23.05	192.53
Belize	1969	50.56	1.59	6.95	35.24	24.76	193.28
Belize	1970	49.21	1.95	8.67	34.83	21.91	164.41
Belize	1971	50.14	2.02	8.11	32.58	25.77	294.33
Belize	1972	65.15	1.94	9.92	31.86	17.52	304.6
Belize	1973	67.38	2.49	10.83	33.5	21.78	378.58
Belize	1974	86.3	1.71	10.85	33.56	21.57	313.21
Belize	1975	90.53	2.22	14.54	33.49	19.69	420.86
Belize	1976	91.65	2.09	15.24	35.69	21.75	247.69
Belize	1977	99.73	0.88	14.84	35.38	22.35	224.8
Belize	1978	80.92	4.01	16.14	35.87	21.62	267.15
Belize	1979	89.52	2.61	17.74	39.74	19.65	217.6
Belize	1980	84.37	2.72	19.56	40.85	23.06	536.35
Belize	1981	102.61	2.93	18.57	39.6	21.01	625.31
Belize	1982	92.29	2.6	19.16	40.58	22	617.98
Belize	1983	87.27	2.2	18.11	39.26	23.16	190.12
Belize	1984	67.78	1.39	17.76	38.42	25.05	399.74
Belize	1985	63.61	1.95	16.99	37.28	26.22	402.18
Belize	1986	57.09	2.85	17.39	38.11	20.65	455.69
Belize	1987	52.62	2.41	16.42	38.29	26.91	666.37
Belize	1988	55.73	1.98	16.96	40.92	22.03	596.2
Belize	1989	70.29	3.24	17.38	34.02	28.8	591.14
Belize	1990	64.84	4.58	15.49	33.61	19.46	765.87
Belize	1991	65.52	3.19	14.39	33.67	27.22	666.55
Belize	1992	78.02	6.76	14.84	37.36	23.97	864.93
Belize	1993	126.11	6.97	13.64	36.17	30.21	786.62
Belize	1994	100.2	7.12	15.46	35.98	29.89	643.57
Belize	1995	102.42	7	15.86	36.99	30.83	718.82
Belize	1996	83.7	8.53	16.71	35.23	33.14	647.47
Belize	1997	85.13	7.45	16.53	36.55	33.96	650.7
Belize	1998	86.79	8.61	17	33.89	34.27	644.84

Belize	1999	86.82	7.63	16.19	32.86	44.64	687.12
Belize	2000	89.81	9.57	15.88	33.16	44.14	675.08
Belize	2001	94.39	7.06	14.98	28.43	43.15	742.53
Belize	2002	92.93	5.3	12.93	30.35	43.36	678.31
Belize	2003	95.69	17.05	13.67	29.73	40.34	690.62
Belize	2004	45.8	5.69	12.26	28.53	41.63	613.32
Belize	2005	73.76	8.55	9.25	32.79	38.5	703.54
Belize	2006	115.61	8.67	10.43	34.83	38.68	683.62
Belize	2007	144.79	5.74	11.59	31.98	38.69	740.52
Belize	2008	122.01	6.25	13.85	33.43	42.52	797.44
Belize	2009	116.78	6.21	13.87	35.6	42.97	661.53
Belize	2010	117.93	5.59	16.53	37.54	42.08	686.31
Belize	2011	114.79	7.14	13.65	37.63	39.03	553.31
Belize	2012	121.77	11.84	9.28	41.66	38.54	571.56
Belize	2013	122.95	17.44	13.28	39.36	37.61	473.78
Belize	2014	113.5616	4.986301	12.08219	26.9863	35.39726	475.0137
Belize	2015	112.9589	3.863014	12.76712	28.49315	34.65753	466.7123
Belize	2016	112.6849	3.753425	15.75342	29.39726	33.9726	347.0959
Belize	2017	109.0411	2.712329	12.65753	35.23288	33.31507	412.4384
Benin	1961	10.05	14.86	3	18	23.29	122.79
Benin	1962	10.26	13.2	2.96	18.32	29.45	120.23
Benin	1963	9.63	14.04	2.91	19	26.71	117.99
Benin	1964	8.43	13.06	2.86	16.89	30.19	115.54
Benin	1965	8.16	12.66	2.95	16.19	27.17	112.13
Benin	1966	8.74	12.17	2.9	16.22	22.18	107.18
Benin	1967	5.55	12.65	2.98	17.03	37.89	106.61
Benin	1968	7.11	12.55	3.05	16.7	39.78	105.78
Benin	1969	7.56	12.01	3.12	17.53	37.15	106.38
Benin	1970	10.05	10.11	3.31	19.3	43.71	105.41
Benin	1971	12.69	9.78	3.37	19.01	43.97	103.56
Benin	1972	13.12	9.73	3.42	15.04	41.98	102.67
Benin	1973	11.98	13.34	3.46	19.54	40.89	101.81
Benin	1974	14.35	13.32	3.61	24.99	40.04	101.9
Benin	1975	19.79	12.33	3.65	25.29	40.03	101.3
Benin	1976	19.7	13	3.78	23.45	35.03	100.31
Benin	1977	28.45	12.47	3.9	23.47	33.66	100.14
Benin	1978	24.73	11.65	3.78	23.82	33.88	98.91
Benin	1979	23.33	10.55	4.19	21.43	32.94	97.42
Benin	1980	22.26	9.29	4.38	19.13	31.01	96.47
Benin	1981	28.17	11.04	4.45	24.03	30.7	95.1
Benin	1982	26.42	10.07	4.93	32.23	30.56	95.23
Benin	1983	20.74	9.91	5.85	27.22	26.57	94.44
Benin	1984	18.77	13.11	6.41	26.23	27.12	94.81
Benin	1985	17.46	12.88	7.25	22.46	27.85	91.53
Benin	1986	17.52	12.3	5.71	17.06	29.11	89.44
Benin	1987	20.19	12.58	4.89	16.1	28.86	87.5
Benin	1988	16.87	14.05	4.11	14.72	25.23	89.6
Benin	1989	21.98	13.37	3.37	15.02	25.28	93.38
Benin	1990	20.06	12.73	2.85	17.9	22.76	90.91

Benin	1991	14.92	12.32	2.28	15.54	24.27	88.96
Benin	1992	15.94	12.24	2.27	14.11	23.69	86.56
Benin	1993	18.44	11.3	2.26	16.67	28.49	85.02
Benin	1994	15.11	11.02	2.23	13.48	24.31	83.48
Benin	1995	15.8	11.57	2.21	13.46	27.26	82.4
Benin	1996	22.94	10.36	2.2	13.76	24.04	98.18
Benin	1997	21.06	10.94	2.2	13.46	23.85	83.06
Benin	1998	20.61	12.45	2.2	14.54	21.41	65.54
Benin	1999	15.78	10.92	2.22	16.42	23.05	83.91
Benin	2000	22.86	13.07	2.11	15.79	21.79	61.17
Benin	2001	24.33	13.32	2.01	21.9	19.15	65.06
Benin	2002	22.58	13.17	2.02	23.44	23.34	74.28
Benin	2003	18.5	12.34	1.87	24.74	25.87	81.72
Benin	2004	22.79	11.9	1.95	22.42	24.32	79.46
Benin	2005	21.87	11.56	1.88	23.15	27.15	83.36
Benin	2006	16.05	10.85	2.46	20.05	34.09	69.66
Benin	2007	22.3	10.62	2.54	21.62	35.02	86.69
Benin	2008	19.06	9.54	2.31	21.83	39.16	87.49
Benin	2009	22.3	9.19	2.4	17.48	36.55	111.51
Benin	2010	30.31	9.3	1.97	19.01	36.69	123.47
Benin	2011	28.74	8.95	2.06	20	36.05	116.98
Benin	2012	31.59	6.59	2.22	19	35.05	146.42
Benin	2013	25.23	6.78	2.48	18.73	36.57	137.02
Benin	2014	30.76712	221.0137	2.547945	20.65753	55.06849	118.1918
Benin	2015	31.50685	214.5205	2.767123	21.69863	52.05479	102.1644
Benin	2016	31.36986	208.6301	2.849315	24.32877	55.17808	125.4795
Benin	2017	29.83562	202.3288	2.794521	29.53425	48.19178	116.6575
Bermuda	1961	107.21	13.18	29.87	30.12	92.37	336.48
Bermuda	1962	114.12	12.03	28.14	30.36	86.42	327.76
Bermuda	1963	117.93	12.28	29.34	30.92	84.58	366.11
Bermuda	1964	128.14	10.79	34.23	32.55	85.66	372.23
Bermuda	1965	136.37	10.05	34.72	32.32	78.33	373.94
Bermuda	1966	140.71	10.44	37.6	31.82	104.21	340.3
Bermuda	1967	143.63	9.13	36.38	31.83	105.55	368.16
Bermuda	1968	150.09	16.75	35.85	31.16	104.85	407.81
Bermuda	1969	155.74	14.39	38.63	33.32	95.43	381.57
Bermuda	1970	182.97	13.1	41.15	38.1	117.29	419.02
Bermuda	1971	227.71	9.44	40.76	39.48	108.06	390.05
Bermuda	1972	239.49	12.02	34.03	37.39	111.19	466.25
Bermuda	1973	257.22	11.95	30.03	35.62	95.68	471.24
Bermuda	1974	255.6	14.99	32.43	35.84	102.76	396.33
Bermuda	1975	270.48	18.65	31.25	38.47	110.22	391.95
Bermuda	1976	267.35	14.89	39.23	40.06	112.56	346.67
Bermuda	1977	259.97	12.14	35.06	34.85	93.63	311.42
Bermuda	1978	280.9	20.26	38.07	41.41	98.23	314.54
Bermuda	1979	276.37	17.3	42.18	44.2	96.94	316.64
Bermuda	1980	269.91	18.25	44.64	39.01	110.36	312.37
Bermuda	1981	267.95	17.91	47.63	39.69	103.23	314.28
Bermuda	1982	291.42	12.98	43.93	39.93	108.72	325.44

Bermuda	1983	305.51	15.63	45.12	43.81	118.58	350.88
Bermuda	1984	300.12	15.61	43.71	35.32	122.34	359.74
Bermuda	1985	302.59	13.37	41.02	38.61	121.18	373.25
Bermuda	1986	294.76	15.81	45.5	32.63	126.38	365.21
Bermuda	1987	296.55	18.77	43.28	33.69	121.29	343.56
Bermuda	1988	310.19	13.9	45.67	33.8	131.72	350.31
Bermuda	1989	273.05	13.98	41.82	35.19	121.47	364.67
Bermuda	1990	249.36	10.95	51.54	35.44	126.1	422.76
Bermuda	1991	246.94	13.05	42.81	31.83	118.67	378.78
Bermuda	1992	265.93	17	41.93	35.73	123.27	528.37
Bermuda	1993	290.68	20.27	39.15	37.36	108.61	534.42
Bermuda	1994	264.32	23.39	32.55	18.27	107	583.22
Bermuda	1995	280.26	18.63	27.06	22.78	112.41	692.5
Bermuda	1996	278.61	30.26	24.24	22.82	92.08	641.95
Bermuda	1997	254.09	21.65	24.41	24.19	114.07	548.56
Bermuda	1998	242.38	23.41	24.68	25.47	93.71	553.02
Bermuda	1999	241.14	27.6	15.85	25.66	97.63	531.94
Bermuda	2000	240.7	25.86	16.02	28.03	99.3	496.46
Bermuda	2001	249.31	25.86	16.2	30.1	126.49	376.19
Bermuda	2002	255.49	26.09	16.02	30.63	125.38	310.22
Bermuda	2003	251.29	5.46	16.24	35.72	118.67	262.15
Bermuda	2004	227.74	5.47	15.99	36.61	120.94	262.84
Bermuda	2005	243.32	8.16	22.62	38.27	123.42	243.79
Bermuda	2006	244.65	9.03	26.94	35.3	125.73	259.88
Bermuda	2007	231.32	17.27	27.95	36.55	119.58	249.71
Bermuda	2008	247.33	15.02	28.79	39.73	122.42	248.36
Bermuda	2009	257.37	17.97	26.93	36.87	122.18	265.06
Bermuda	2010	226.3	9.52	27.24	36.82	123.29	221.72
Bermuda	2011	226.34	10.13	27.87	34.11	122.16	167.41
Bermuda	2012	204.22	10.01	19.02	39.94	125.48	192.24
Bermuda	2013	89.19	27.98	40.89	22.23	123.76	592.88
Bolivia (Plurinational State of)	1961	18.87	2.54	6.12	18.74	0.56	180.8
Bolivia (Plurinational State of)	1962	19.83	2.52	5.94	17.61	3.52	195.29
Bolivia (Plurinational State of)	1963	22.6	2.53	6.19	18.81	3.52	208.51
Bolivia (Plurinational State of)	1964	24.79	3.82	6.07	20	4.03	219.35
Bolivia (Plurinational State of)	1965	22.85	2.33	5.96	18.67	3.5	226.64
Bolivia (Plurinational State of)	1966	24.95	2.91	6.62	20.67	3.96	233.18
Bolivia (Plurinational State of)	1967	25.86	4.16	6.57	20.66	4.01	241.84
Bolivia (Plurinational State of)	1968	26.03	4.96	6.49	20.99	2.56	246.21
Bolivia (Plurinational State of)	1969	27.4	5.21	6.3	24.38	3.73	238.83
Bolivia (Plurinational State of)	1970	28.82	5.33	5.4	25.65	2.82	247.56
Bolivia (Plurinational State of)	1971	30.24	6.2	6.1	24.04	4.62	260.41
Bolivia (Plurinational State of)	1972	29.92	5.6	7.02	22.05	3.78	262.62
Bolivia (Plurinational State of)	1973	30.87	6.2	5.65	23.59	5.01	265.31
Bolivia (Plurinational State of)	1974	38.23	6.91	6.94	26.11	4.62	275.48
Bolivia (Plurinational State of)	1975	47.25	6.07	7.63	26.23	4.63	279.7
Bolivia (Plurinational State of)	1976	57.73	6.25	8.26	24.84	3.42	256.72
Bolivia (Plurinational State of)	1977	62.99	5.72	7.18	25.62	4.78	248.52
Bolivia (Plurinational State of)	1978	66.57	5.49	7.81	25.8	4.93	220.04



Bolivia (Plurinational State of)	1979	70.16	5.36	7.99	25.12	6.98	226.06
Bolivia (Plurinational State of)	1980	66.08	8.57	10.34	27.81	8.58	237.53
Bolivia (Plurinational State of)	1981	66.5	8.69	10.33	22.7	7.64	233.79
Bolivia (Plurinational State of)	1982	50.64	7.26	10.44	21.26	2.79	222.68
Bolivia (Plurinational State of)	1983	40.64	7	10.46	22.05	3.04	208.81
Bolivia (Plurinational State of)	1984	40.96	8.6	10.48	16.83	3.7	195.56
Bolivia (Plurinational State of)	1985	41.87	7.64	10.24	15.67	3.69	220.58
Bolivia (Plurinational State of)	1986	48.43	8.51	10.35	13.29	2.7	235.71
Bolivia (Plurinational State of)	1987	47.83	8.5	10.72	12.88	2.98	264.14
Bolivia (Plurinational State of)	1988	46.11	7.87	11.36	14.47	2.03	269.46
Bolivia (Plurinational State of)	1989	50.28	8.49	15.45	14.39	3.07	265.97
Bolivia (Plurinational State of)	1990	49.04	6.11	16.77	15.55	3.08	254.54
Bolivia (Plurinational State of)	1991	51.4	4	17.23	15.46	2.04	254.02
Bolivia (Plurinational State of)	1992	50.26	4.11	17.49	18.45	2.19	247.45
Bolivia (Plurinational State of)	1993	57.86	4.62	17	16.05	4.21	245.4
Bolivia (Plurinational State of)	1994	57.62	5.92	18.65	16.7	4.49	238.15
Bolivia (Plurinational State of)	1995	62.29	5.86	20.14	18.94	3.55	250.89
Bolivia (Plurinational State of)	1996	60.8	5.93	19.2	21.13	3.62	249.92
Bolivia (Plurinational State of)	1997	62.23	6.7	20.09	20.39	4.31	260.99
Bolivia (Plurinational State of)	1998	61.84	6.9	9.69	16.02	4.1	256.69
Bolivia (Plurinational State of)	1999	77.44	7.6	9.72	15.72	3.99	259.77
Bolivia (Plurinational State of)	2000	76.85	8.57	9.17	14.73	7.04	267.59
Bolivia (Plurinational State of)	2001	72.32	8.65	9.09	15.58	5.24	268.75
Bolivia (Plurinational State of)	2002	71.49	7.8	9.3	16.32	4.95	262.34
Bolivia (Plurinational State of)	2003	56.29	7.81	11.31	17.99	3.95	234.42
Bolivia (Plurinational State of)	2004	65.26	7.21	11.67	16.81	4.15	195.5
Bolivia (Plurinational State of)	2005	71.6	7.58	12.21	16.85	4.67	191.17
Bolivia (Plurinational State of)	2006	77.6	7.43	12.84	16.64	4.61	179.86
Bolivia (Plurinational State of)	2007	82	7.32	13.34	16.55	3.7	178.54
Bolivia (Plurinational State of)	2008	89.79	7.97	13.64	16.48	6.1	177.09
Bolivia (Plurinational State of)	2009	86.29	7.51	14.65	14.27	5.67	192.71
Bolivia (Plurinational State of)	2010	86.61	7.56	14.17	14	4.88	197.03
Bolivia (Plurinational State of)	2011	84.51	7.46	14.33	17.24	6.17	191.15
Bolivia (Plurinational State of)	2012	98.65	8.19	14.12	18.68	5.98	196.53
Bolivia (Plurinational State of)	2013	98.12	8.11	14.2	17.98	5.99	190.55
Bolivia (Plurinational State of)	2014	98.35616	6.164384	15.53425	12.46575	6.520548	228.4932
Bolivia (Plurinational State of)	2015	78.10959	6.794521	15.91781	12.0274	7.260274	231.0685
Bolivia (Plurinational State of)	2016	86.65753	6.958904	19.34247	12.21918	7.205479	236.3836
Bolivia (Plurinational State of)	2017	88	6.739726	20.21918	13.20548	7.041096	229.5342
Bosnia and Herzegovina	1992	91.51	1.52	10.64	4.38	0.42	62.61
Bosnia and Herzegovina	1993	82.77	1.91	9.92	6.86	2.36	68.81
Bosnia and Herzegovina	1994	86.47	0.92	12.35	6.8	0.54	65.78
Bosnia and Herzegovina	1995	93.44	0.84	13.66	6.38	2.18	77.38
Bosnia and Herzegovina	1996	107.26	1.15	21.18	17.57	0.54	87.49
Bosnia and Herzegovina	1997	122.1	1	13.86	15.22	1.76	106.99
Bosnia and Herzegovina	1998	114.52	0.51	15.08	13.98	1.38	91.3
Bosnia and Herzegovina	1999	110.75	1.2	13.56	20.49	4.8	67.83
Bosnia and Herzegovina	2000	114.83	1.17	14.11	20.53	5.98	81.26
Bosnia and Herzegovina	2001	127.85	1.34	12.39	23.27	8.12	84.41

Bosnia and Herzegovina	2002	149.94	1.32	12.6	21.83	11.99	82.53
Bosnia and Herzegovina	2003	154.08	8.26	11.87	18.9	14.15	156.35
Bosnia and Herzegovina	2004	171.69	16.53	11.34	18.47	17.09	288.01
Bosnia and Herzegovina	2005	179.75	15.63	13.53	20.4	18.97	275.84
Bosnia and Herzegovina	2006	210.08	17.67	12.32	21.27	17.05	238.8
Bosnia and Herzegovina	2007	217.4	18.03	14.13	21.47	16.95	238.12
Bosnia and Herzegovina	2008	221.13	18.15	17.07	22.99	15.5	239.58
Bosnia and Herzegovina	2009	214.81	15.6	15	20.42	15.43	265.33
Bosnia and Herzegovina	2010	206.66	14.68	11.85	23.23	14.73	245.87
Bosnia and Herzegovina	2011	207.08	20.87	10.29	22.47	12.75	249.39
Bosnia and Herzegovina	2012	204.24	24.05	12.89	22.45	12.63	215.46
Bosnia and Herzegovina	2013	210.73	22.29	12.31	20.34	11.74	293.02
Bosnia and Herzegovina	2014	224.9589	21.39726	13.39726	23.58904	12.90411	221.0685
Bosnia and Herzegovina	2015	235.589	20.9589	14.54795	23.69863	13.09589	264.7671
Bosnia and Herzegovina	2016	250.4384	20.9863	13.89041	24.60274	13.26027	294.6575
Bosnia and Herzegovina	2017	257.589	21.56164	14	24.57534	13.36986	252.7397
Botswana	1961	48.98	142.6	0.8	5.74	2.04	31.79
Botswana	1962	47.82	133.22	0.9	5.43	2.49	31.48
Botswana	1963	50.76	145.32	0.99	5.88	2.43	32.01
Botswana	1964	49.36	136.23	1.07	8.5	2.36	32.33
Botswana	1965	48.04	148.95	1.15	8.16	2.3	32.26
Botswana	1966	51.62	158.88	1.81	8.07	2.68	32.56
Botswana	1967	51.45	152.33	1.89	6.88	2.61	32.03
Botswana	1968	50.92	137.93	1.94	7.83	3.37	31.43
Botswana	1969	51.24	146.2	1.67	8.4	3.27	32.04
Botswana	1970	51.79	146.72	1.91	7.79	3.16	32.13
Botswana	1971	54.91	144.45	1.36	8.73	4.21	32.83
Botswana	1972	65.35	164.46	2.07	8.75	4.44	32.76
Botswana	1973	79.94	153.41	2.03	9.45	4.29	32.3
Botswana	1974	52.33	98.74	2.03	10.92	4.15	32.44
Botswana	1975	70.2	97.3	2.43	11.03	3.99	35.47
Botswana	1976	58.28	92.9	2.33	13.3	5.13	34.05
Botswana	1977	47.52	90.3	2.35	11.83	6.28	35.04
Botswana	1978	31.72	51.95	2.39	12.89	7.23	35.52
Botswana	1979	31.57	54.63	2.35	14.21	5.88	39.42
Botswana	1980	38.16	55.28	2.51	16.13	8.41	41.63
Botswana	1981	43.78	50.3	2.69	17.41	10.22	42.46
Botswana	1982	44.23	45.07	2.39	18.47	7.06	40.85
Botswana	1983	44	51.87	1.91	15.07	6.96	41.59
Botswana	1984	48.61	67.27	1.52	16.86	8.04	41.94
Botswana	1985	45.71	94.36	1.81	11.73	7	39.26
Botswana	1986	48.19	90.05	2.08	14.82	8.14	37.23
Botswana	1987	52.51	81.35	2.31	20.43	9.8	37.75
Botswana	1988	49.85	80.94	3.33	25.88	12.09	46.06
Botswana	1989	55.03	90.93	3.17	19.5	10.39	68.32
Botswana	1990	65.17	91.08	3.72	24.09	17.6	91.82
Botswana	1991	69.52	69.11	4.13	29.84	21.2	106.82
Botswana	1992	106.53	59.61	2.99	29.36	13.36	112.66
Botswana	1993	101.36	61.84	3.27	22.92	10.91	132.37

Botswana	1994	75.76	73.15	3.07	19.26	9.5	96.39
Botswana	1995	71.26	83.49	4.59	20.96	7.95	89.84
Botswana	1996	78.95	88.91	1.83	24.19	8.42	90.68
Botswana	1997	72.06	82.74	2.8	24.68	10.7	106.57
Botswana	1998	75	78.35	3.61	22.52	7.6	114.91
Botswana	1999	73.66	67.6	4.65	24.96	10.23	167.21
Botswana	2000	73.7	75.48	5.27	19.8	12.84	178.97
Botswana	2001	83.45	76.47	7.39	19.74	9.92	128.43
Botswana	2002	100.22	77.63	6.98	19.23	8.46	177.29
Botswana	2003	96.32	69.5	7.72	22.95	7.48	124.08
Botswana	2004	97.14	59.37	5.75	29.92	7.26	106.45
Botswana	2005	95.4	66.02	5.64	34.96	8.41	108.81
Botswana	2006	105.32	72.41	6.3	27.14	6.7	118.78
Botswana	2007	111.27	73.02	7.26	28.24	7.91	137.64
Botswana	2008	118.42	84.38	6.28	28.35	7.88	156.82
Botswana	2009	115.1	68.37	5.43	28.54	9.61	131.18
Botswana	2010	93.53	78.18	5.81	26.85	10.36	140.31
Botswana	2011	102.09	73.07	5.68	30.66	8.34	129.34
Botswana	2012	96.07	82.29	6.02	33.2	13.47	161.63
Botswana	2013	111.22	64.84	5.34	33.88	11.1	181.43
Botswana	2014	103.863	21.23288	4.849315	30.82192	12.24658	80.21918
Botswana	2015	101.4247	19.47945	3.69863	30.19178	10.84932	92.68493
Botswana	2016	102.3836	17.31507	4.109589	30.93151	10.65753	97.47945
Botswana	2017	102.6849	26.46575	4.109589	31.0137	10.43836	83.50685
Brazil	1961	31.33	15.16	7.49	15.58	12.62	201.8
Brazil	1962	34.5	16.25	7.67	16.84	16.08	211.93
Brazil	1963	32.07	16.5	7.85	15.83	14.42	223.44
Brazil	1964	29.28	17.66	8.12	16.03	14.2	220.53
Brazil	1965	35.84	18.46	8.16	16.37	14	227.3
Brazil	1966	38	18	8.4	17.2	14.82	230.31
Brazil	1967	36.5	18.34	8.29	17.19	16.1	245.13
Brazil	1968	37.33	17.84	8.47	17.81	18.31	248.57
Brazil	1969	38.73	17.45	8.7	18.24	18.12	262.78
Brazil	1970	38.56	17.7	8.76	19.09	20.18	267.43
Brazil	1971	41.6	16.87	9.12	19.95	19.55	256.66
Brazil	1972	40.02	13.34	9.23	21.96	18.93	281.14
Brazil	1973	43.63	13.09	9.4	22.32	22.69	224.69
Brazil	1974	44.43	13.56	9.7	30.18	20.28	254.27
Brazil	1975	44.51	12.63	11.72	28.08	22.13	238.79
Brazil	1976	47.77	12.28	12.45	27.32	17.97	266.11
Brazil	1977	52.34	12.22	12.11	33.56	17.49	258.06
Brazil	1978	62.55	11.23	13.62	37.31	17.11	231.49
Brazil	1979	65.85	10.77	15.04	36.96	20.11	246.25
Brazil	1980	64.89	11.92	15.26	37.74	18.06	265.42
Brazil	1981	65.19	11.91	14.86	36.39	16.22	207.66
Brazil	1982	67.6	11.28	15.6	36.43	17.65	247.04
Brazil	1983	68.41	11.32	14.49	36.59	17.63	228.07
Brazil	1984	67.87	10.62	17.97	36.76	18.46	179.02
Brazil	1985	69.26	9.47	19.04	37.74	18.14	308.52

Brazil	1986	82.41	8.85	20.3	39.8	19.9	216
Brazil	1987	79.18	9.85	21.64	41.73	19.5	253.95
Brazil	1988	84.23	9.29	20.26	45.58	16.15	289.53
Brazil	1989	94.26	9.65	19.95	46.18	17.03	315.28
Brazil	1990	94.95	7.07	20.13	44.07	15.87	255.21
Brazil	1991	113.44	6.53	21	46.27	14.35	288.08
Brazil	1992	92.31	5.14	20.43	45.08	12.68	289.92
Brazil	1993	91.68	6.04	20.16	43.24	14.58	235.49
Brazil	1994	104.44	6.04	20.49	42.05	15.47	224.54
Brazil	1995	131.57	6.9	20.29	39.16	16.7	307.28
Brazil	1996	121.99	9.17	19.34	39.7	19.05	304.25
Brazil	1997	125.51	11.29	20.79	40.71	17.7	359.07
Brazil	1998	122.66	13.67	19.21	41.02	16.34	311.58
Brazil	1999	115.48	14.78	19.86	48.57	16.2	352.29
Brazil	2000	153.18	15.5	20.27	50.82	16.52	328.64
Brazil	2001	156.59	17.85	20.2	50.89	16.79	262.6
Brazil	2002	137.25	15.7	19.68	49.32	16.87	345.41
Brazil	2003	130.3	15.98	19.66	50.64	16.3	311.8
Brazil	2004	145.24	15.01	19.66	51.95	16.75	329.03
Brazil	2005	147.02	15.9	19.85	51.89	16.56	314.63
Brazil	2006	149.75	14.36	21.05	52.92	18.11	339.32
Brazil	2007	153.7	15.03	20.47	54.6	19.15	336.91
Brazil	2008	167.15	16.99	20.84	55.56	20.84	356.15
Brazil	2009	164.95	13.4	21.85	55.12	22.81	359.66
Brazil	2010	194.38	14.65	22.92	55.14	24.62	392.28
Brazil	2011	200.22	13.93	23.98	55.28	28.95	419.77
Brazil	2012	197.39	15.76	24.54	56.14	30.04	334.66
Brazil	2013	198.44	15.26	24.6	56.23	29.79	292.17
Brazil	2014	201.3425	9.506849	22.24658	60.9863	27.20548	320.5753
Brazil	2015	192.2192	11.36986	21.72603	60	24.71233	307.5068
Brazil	2016	182.2466	21.26027	20.9863	62.38356	24.79452	285.1233
Brazil	2017	184.2192	12.79452	21.28767	61.26027	24.90411	284.7671
Brunei Darussalam	1961	16.06	6.33	11.98	17.08	60.52	110.36
Brunei Darussalam	1962	19.79	5.67	12.33	17.21	59.37	121.48
Brunei Darussalam	1963	22.62	6.33	15.59	16.85	61.21	146.86
Brunei Darussalam	1964	27.71	4.68	16.66	18.18	57.31	115.16
Brunei Darussalam	1965	24.77	5.42	19.79	18.6	54.53	147.27
Brunei Darussalam	1966	29.55	6.63	22.38	19.68	71.7	160.11
Brunei Darussalam	1967	28.23	6.34	20.75	19.17	72.74	159.87
Brunei Darussalam	1968	29.92	5.86	24.38	19.51	62.69	149.01
Brunei Darussalam	1969	33.79	6.16	24.3	18.56	70.7	152.56
Brunei Darussalam	1970	32.24	6.51	26.66	16.98	71.65	165.72
Brunei Darussalam	1971	33.34	5.29	27.56	18.21	74.54	177.77
Brunei Darussalam	1972	35.09	5.37	27.03	16.51	79.11	173.93
Brunei Darussalam	1973	33.43	5.42	27.55	16.17	65.72	171.34
Brunei Darussalam	1974	35.43	3.77	30.28	15.35	67.79	173.12
Brunei Darussalam	1975	33.95	3.81	30.05	16.63	71.41	174.32
Brunei Darussalam	1976	42.81	4.73	33.32	14.95	107.68	173.86
Brunei Darussalam	1977	48.11	5.04	38.09	17.08	95.59	152.63

Brunei Darussalam	1978	52.87	6.08	31.78	18.1	102.9	194.05
Brunei Darussalam	1979	54.59	5.63	37.81	18.03	94.98	182.97
Brunei Darussalam	1980	65.95	5.8	42.8	17.17	103.46	217.89
Brunei Darussalam	1981	69.62	6.5	27.71	16.52	116.97	240.07
Brunei Darussalam	1982	75.99	5.66	28.92	16.38	114.99	235.09
Brunei Darussalam	1983	84.68	5.71	27.15	17.9	130.44	216.3
Brunei Darussalam	1984	103.98	5.67	34.99	19.93	129.95	214.74
Brunei Darussalam	1985	94.05	6.51	30.86	24.12	131.27	201.06
Brunei Darussalam	1986	83.54	8.27	33.4	22.3	104.76	204.76
Brunei Darussalam	1987	96.99	7.24	32.77	16.44	91.54	195.07
Brunei Darussalam	1988	78.86	6.14	37.05	19.21	67.18	231.01
Brunei Darussalam	1989	90.75	5.38	33.21	27.13	110.36	207.28
Brunei Darussalam	1990	90.14	5.02	29.71	26.8	79.61	210.46
Brunei Darussalam	1991	4.56	4.68	32.54	19.93	64.86	201.56
Brunei Darussalam	1992	15.53	5.45	32.2	23.64	54.54	249.03
Brunei Darussalam	1993	17.09	5.06	32.93	21.06	98.13	230.79
Brunei Darussalam	1994	12.84	9.27	35.85	20.06	161.85	285.1
Brunei Darussalam	1995	10.74	9.17	47.56	19.6	96.6	213.9
Brunei Darussalam	1996	9.68	22.17	54.13	18.23	102.71	265.78
Brunei Darussalam	1997	6.9	13.29	35.35	20.67	161.05	255.39
Brunei Darussalam	1998	4.74	13.55	42.51	20.53	148.06	288.13
Brunei Darussalam	1999	8.74	9.2	32.89	20.3	85.87	221.9
Brunei Darussalam	2000	8.32	11.53	32.91	22.23	91.51	205.48
Brunei Darussalam	2001	9.43	9.3	33.98	21.58	109.57	260.61
Brunei Darussalam	2002	3.9	13.13	58.17	23.43	98.43	287.26
Brunei Darussalam	2003	3.73	13.55	43.62	24.28	101.8	295.89
Brunei Darussalam	2004	3.39	10.78	46.31	24.06	111.71	268.12
Brunei Darussalam	2005	4.05	10.67	43.77	25.7	102.08	279.32
Brunei Darussalam	2006	19.9	13.26	42.97	24.66	98.15	269.23
Brunei Darussalam	2007	29.81	15.23	36.5	28.69	87.34	251.65
Brunei Darussalam	2008	23.37	16.38	40.94	30.63	89.47	259.55
Brunei Darussalam	2009	7.63	24.8	41.5	29.52	78.8	266.13
Brunei Darussalam	2010	32.47	16.66	41.36	29.82	98.27	275.34
Brunei Darussalam	2011	34.27	19.9	41.56	29.63	90.61	201.52
Brunei Darussalam	2012	27.23	20.85	44.75	27.61	125.95	224.2
Brunei Darussalam	2013	23.96	24.3	44.28	26.48	128.69	214.58
Bulgaria	1961	124.31	1.23	15.07	37.51	6.87	218.74
Bulgaria	1962	133.87	1.01	15.07	38.98	5.95	250.98
Bulgaria	1963	141.37	1.03	15.07	40.4	11.21	285.17
Bulgaria	1964	137.84	1.32	15.08	41.12	11.75	277.52
Bulgaria	1965	148.82	1.24	15.32	40.38	11.58	318.45
Bulgaria	1966	155.98	1.32	16.69	40.51	9.94	333.7
Bulgaria	1967	157.68	1.34	17.51	44.95	14.38	323.06
Bulgaria	1968	174.44	1.06	16.96	43.68	18.04	384.45
Bulgaria	1969	183.65	0.99	18.05	41.88	21.47	377.64
Bulgaria	1970	191.12	0.93	18.61	41.94	21.25	366.02
Bulgaria	1971	195.62	0.97	19.4	44.08	23.25	336.52
Bulgaria	1972	200.93	0.98	19.43	44.1	23.06	283.97
Bulgaria	1973	217.15	1.08	20.78	43.79	15.84	286.58

Bulgaria	1974	230.38	1.21	21.36	44.07	25.55	259.25
Bulgaria	1975	240.37	1.15	22.5	47.57	31.87	273.11
Bulgaria	1976	250.38	1.52	22.82	47.94	27.29	281.56
Bulgaria	1977	253.66	1.66	26.36	50.29	22.69	235.8
Bulgaria	1978	262.06	1.61	30.14	49.9	20.24	238.04
Bulgaria	1979	263.71	1.27	28.75	51.84	16.57	219.01
Bulgaria	1980	266.16	1.33	31.27	53.31	17.78	221.76
Bulgaria	1981	260.19	1.99	32.07	54.23	16.73	234.18
Bulgaria	1982	267.18	1.29	33.46	54.06	18.07	228.51
Bulgaria	1983	264.96	3.22	35.37	54.69	26.48	236
Bulgaria	1984	265.17	2.85	36.22	53.5	26.3	242.69
Bulgaria	1985	255.52	3.97	39.21	56.86	21.13	219.79
Bulgaria	1986	259.82	1.95	39.2	58.11	23.38	238.56
Bulgaria	1987	263.42	2	41.51	57.07	19.08	215.18
Bulgaria	1988	265.46	3.53	40.83	59.13	17.56	209.89
Bulgaria	1989	276.5	3.4	38.79	56.64	17.45	220.92
Bulgaria	1990	175.97	5.73	37.18	53.75	10.3	224.21
Bulgaria	1991	185.76	3.99	30.18	50.73	7.93	188.02
Bulgaria	1992	178.95	4.15	26.29	57.43	6.26	198.29
Bulgaria	1993	201.07	5.53	26.65	50.11	4.35	152.16
Bulgaria	1994	213.7	7.15	29.11	44.04	3.48	150.05
Bulgaria	1995	191.92	8.04	31.38	44.52	2.68	186.13
Bulgaria	1996	184.74	5.46	30.82	42.62	3.06	168.61
Bulgaria	1997	142.2	5.97	27.41	41.61	7.93	151.55
Bulgaria	1998	155.87	6.23	30.68	46.11	14.44	128.94
Bulgaria	1999	188.39	7.62	29.4	45.4	11.78	137.96
Bulgaria	2000	189.81	6.08	26.79	45.91	9.1	143.59
Bulgaria	2001	184.08	7.59	27.24	50	9.61	141.22
Bulgaria	2002	181.97	7.66	29.74	48.86	10.64	124.09
Bulgaria	2003	198.48	8.77	31.01	54.28	12.58	106.9
Bulgaria	2004	186.34	9.46	33.38	53.14	10.13	116.69
Bulgaria	2005	197.08	11.34	33.5	55.94	11.38	93.76
Bulgaria	2006	232.62	12.06	33.54	52.65	15.52	97.67
Bulgaria	2007	254.01	12.09	31	53.88	12.61	142.05
Bulgaria	2008	262.48	14.79	28.52	50.83	17.26	102.9
Bulgaria	2009	241.52	15.1	27.42	52.97	17.79	110.18
Bulgaria	2010	246.26	13.92	27.6	52.91	17.76	104.79
Bulgaria	2011	240.43	12.75	22.41	48.19	15.74	132.8
Bulgaria	2012	262.2	13.48	22.15	49.47	15.93	167.15
Bulgaria	2013	261.22	15.85	22.9	48.16	19.07	200.37
Bulgaria	2014	245.8082	10.05479	21.72603	26.71233	17.64384	120.4658
Bulgaria	2015	264.7671	11.23288	22.82192	30.54795	19.26027	141.3973
Bulgaria	2016	265.6986	11.0137	23.89041	31.47945	19.94521	141.8356
Bulgaria	2017	282.3562	11.28767	23.61644	30.76712	19.72603	164.2466
Burkina Faso	1961	4.07	406.66	1.33	3.64	1.63	15.37
Burkina Faso	1962	4.04	420.22	1.34	3.45	2.75	15.43
Burkina Faso	1963	3.83	486.66	1.35	2.83	5.01	16.23
Burkina Faso	1964	3.62	441.17	1.35	3.32	4.75	15.45
Burkina Faso	1965	2.72	439.2	1.36	3.3	3.67	15.55

Burkina Faso	1966	2.45	462.45	1.36	3.72	4.32	16.26
Burkina Faso	1967	2.36	509.62	1.34	3.61	4.23	16.77
Burkina Faso	1968	2.6	531.35	1.4	4.01	4	17.55
Burkina Faso	1969	3.19	472.34	1.48	3.85	4.03	18.12
Burkina Faso	1970	3.55	479.91	1.52	3.13	3.64	18.74
Burkina Faso	1971	3.76	466.06	1.58	3.72	3.23	19.45
Burkina Faso	1972	4.32	402.87	1.61	3.58	3.26	18.6
Burkina Faso	1973	6.1	416.25	1.64	3.97	2.98	17.41
Burkina Faso	1974	6.62	440.31	1.51	5.06	3.89	15.68
Burkina Faso	1975	6.3	519.94	1.56	6.31	3.15	16.29
Burkina Faso	1976	9.27	544.93	1.63	5.96	3.48	16.79
Burkina Faso	1977	14.66	427.67	1.68	4.79	3.67	17.64
Burkina Faso	1978	18.99	501.36	1.73	5.94	3.93	18.81
Burkina Faso	1979	21.5	487.05	1.85	7.39	3.87	20.8
Burkina Faso	1980	26.64	469.58	1.96	7.31	3.95	20.74
Burkina Faso	1981	29.85	403.54	2.02	8.83	4.27	21.22
Burkina Faso	1982	26.94	456.59	2.27	10.07	4.26	21.41
Burkina Faso	1983	26.57	409.18	2.55	10.5	4.21	22.19
Burkina Faso	1984	22.91	410.31	2.82	8.96	3.82	21.04
Burkina Faso	1985	18.24	410.15	3.23	15.48	4.26	20.78
Burkina Faso	1986	14.79	520.59	3.23	14.49	4.97	20.63
Burkina Faso	1987	9.41	611.72	3.22	10.44	5.56	20.11
Burkina Faso	1988	13.35	522.04	3.21	10.77	6.14	20.36
Burkina Faso	1989	12.81	588.45	3.12	12.2	5.6	19.53
Burkina Faso	1990	10.98	528.84	6.77	12.58	4.67	19.19
Burkina Faso	1991	12.66	503.2	6.8	12.49	4.15	19.12
Burkina Faso	1992	11.66	646.7	6.77	11.59	3.98	18.99
Burkina Faso	1993	11.61	666.63	6.77	8.28	3.54	19.06
Burkina Faso	1994	9.78	626.92	6.77	14.47	5.88	19.09
Burkina Faso	1995	11.04	610.63	6.76	13.32	6.4	19.19
Burkina Faso	1996	16.01	641.01	6.74	12.37	6.24	19.74
Burkina Faso	1997	14.83	593.1	6.74	16.7	7.32	20.68
Burkina Faso	1998	14.58	539.86	6.73	13.52	4.77	20.64
Burkina Faso	1999	13.94	559.99	6.71	14.56	7.9	22.43
Burkina Faso	2000	14.14	433.38	6.69	13.9	6.38	21.75
Burkina Faso	2001	12.46	562.55	6.74	13.52	4.62	19.48
Burkina Faso	2002	12.21	548.91	6.74	15.68	4.57	19.6
Burkina Faso	2003	11.36	565.86	6.73	13.08	4.45	15.32
Burkina Faso	2004	9.99	566.13	6.72	16.68	5.13	16.65
Burkina Faso	2005	15.65	578.14	6.7	17.16	6.98	17.49
Burkina Faso	2006	16.47	543.32	6.69	18.76	7.25	13.8
Burkina Faso	2007	15.67	566.51	6.67	15.75	7.64	15.37
Burkina Faso	2008	14.69	558.55	7.21	18.43	7.16	15.37
Burkina Faso	2009	14.78	567.45	7.22	16.14	11.78	15.61
Burkina Faso	2010	14.42	578.34	7.48	18.95	14.62	16.8
Burkina Faso	2011	16.68	544.63	7.39	18.72	18.38	17.32
Burkina Faso	2012	21.12	552.15	7.28	19.77	18.96	17.26
Burkina Faso	2013	21.68	541.82	7.14	19.89	18.42	17.74
Burkina Faso	2014	20.52055	483.3699	7.068493	22.32877	17.89041	16.49315

Burkina Faso	2015	28.16438	452.4384	7.123288	24.63014	18.84932	17.23288
Burkina Faso	2016	28.16438	415.4795	6.821918	26.68493	19.89041	15.31507
Burkina Faso	2017	27.28767	393.3973	6.575342	26.57534	19.34247	18.0274
Cabo Verde	1961	17.55	0.03	0.3	5.64	12.75	142.79
Cabo Verde	1962	17.94	0.02	0.29	6.31	13.51	139.77
Cabo Verde	1963	17.26	0	0.29	5.98	14.12	127.54
Cabo Verde	1964	18.42	0.27	0.03	7.53	15.51	140.55
Cabo Verde	1965	19.85	0.36	0	6.32	17.55	151.81
Cabo Verde	1966	20.03	0.85	0.03	6.44	19.89	125.94
Cabo Verde	1967	18.95	1.73	0.08	9.54	29.12	132.93
Cabo Verde	1968	23.52	1.51	0.12	10.16	27.19	122.61
Cabo Verde	1969	22.78	1.53	0.16	14.43	18.91	138.52
Cabo Verde	1970	25.99	3.35	0.33	12.84	29.92	126.64
Cabo Verde	1971	28.97	5.27	0.35	17.76	23.66	110.09
Cabo Verde	1972	41.66	3.18	0.5	19.12	24.11	105.1
Cabo Verde	1973	42.25	2.51	0.36	21.15	27.97	115.35
Cabo Verde	1974	52.3	5.06	0.54	22.33	17.27	110.63
Cabo Verde	1975	56.47	2.91	0.4	26.03	26.12	111.28
Cabo Verde	1976	36.26	3.85	0.46	22.71	24.05	117.14
Cabo Verde	1977	36.44	3.48	0.65	18.59	44.44	141.51
Cabo Verde	1978	25.58	3.18	1.02	17.91	56.71	159.84
Cabo Verde	1979	27.1	8.5	1.36	30.11	57.37	151.75
Cabo Verde	1980	30.37	2.96	1.78	23.23	59.86	144.49
Cabo Verde	1981	30.7	4.85	1.92	28.88	116.75	133.96
Cabo Verde	1982	29.82	2.77	2.14	34.77	93.25	107.97
Cabo Verde	1983	32.29	5.86	2.03	40.46	85.86	112.72
Cabo Verde	1984	39.44	4.63	2.38	44.61	74.51	124.36
Cabo Verde	1985	37.13	5.87	2.15	38.5	69.18	120.75
Cabo Verde	1986	43.89	3.51	3.08	35.42	48.41	107.77
Cabo Verde	1987	49.55	4.91	3.44	37.4	30.06	112.87
Cabo Verde	1988	46.92	5.97	3.94	50.65	42.02	113.51
Cabo Verde	1989	38.64	7.42	3.39	33.21	44.72	115.59
Cabo Verde	1990	46.56	1.73	3.4	38.79	38.99	116.83
Cabo Verde	1991	54.96	4.41	5.43	42.12	55.34	119.93
Cabo Verde	1992	55.13	6.76	7.74	42.88	32.16	132.9
Cabo Verde	1993	61.4	4.56	12.1	36.48	38.47	150.59
Cabo Verde	1994	76.79	3.81	12.07	58.9	44.74	141.97
Cabo Verde	1995	59.44	6.61	13.54	52.72	45.64	162.81
Cabo Verde	1996	74.95	5.72	13.28	48.2	49.57	148.31
Cabo Verde	1997	65.35	3.94	13.59	39.02	54.04	141.82
Cabo Verde	1998	71.39	7.33	13.14	39.28	48.39	153.4
Cabo Verde	1999	88.47	5.23	12.81	32	52.77	151.84
Cabo Verde	2000	80.07	5.14	11.57	32.37	61.25	145.07
Cabo Verde	2001	84.93	4.93	11.14	31.32	53.1	143.9
Cabo Verde	2002	88.32	2.65	10.43	30.29	48.55	160.9
Cabo Verde	2003	85.83	5.04	9.38	29.7	49	167.89
Cabo Verde	2004	90.47	5.97	9.75	32.11	48.21	180.83
Cabo Verde	2005	91.69	5	9.7	30.6	39.49	147.73
Cabo Verde	2006	100.3	5.26	10.45	32.44	29.45	200.5



Cabo Verde	2007	110.2	5.1	10.99	33.18	35.49	195.76
Cabo Verde	2008	100.83	6.19	11.41	32.19	36.08	218.34
Cabo Verde	2009	108.49	5.71	11.99	34.14	36.69	244.86
Cabo Verde	2010	125.75	5.69	12.12	31.24	30.97	241.57
Cabo Verde	2011	119.19	5.44	12.33	31.29	33.43	246.82
Cabo Verde	2012	115	6.25	14.24	31.7	33.23	243.72
Cabo Verde	2013	111.56	6.2	13.92	33.44	32.9	237.5
Cabo Verde	2014	112.411	4.547945	12.90411	26.30137	34.19178	152.1918
Cabo Verde	2015	112.274	4.246575	12.35616	26.32877	34.43836	141.8082
Cabo Verde	2016	113.2055	4.684932	13.0137	26.05479	30.79452	137.5068
Cabo Verde	2017	114.1644	4.821918	13.20548	28.24658	30.49315	146.9041
Cambodia	1961	4.2	0.68	1.82	2.98	13.77	111.85
Cambodia	1962	4.31	0.49	1.86	3.05	14.02	88.78
Cambodia	1963	4.17	0.44	1.92	3.18	14.63	114.16
Cambodia	1964	2.68	0.29	1.95	3.54	16.37	121.12
Cambodia	1965	3.07	0.29	1.93	3.41	18.78	105.51
Cambodia	1966	3.04	0.23	1.98	3.81	17.22	103.87
Cambodia	1967	3.45	0.27	2.26	3.53	17.76	102.56
Cambodia	1968	3.65	0.19	2.35	3.81	19.52	89.55
Cambodia	1969	3.21	0.29	2.51	3.94	20.25	88.56
Cambodia	1970	3.11	0.38	2.59	4.2	21.39	92.92
Cambodia	1971	2.12	0.23	2.67	4.88	29.72	64.36
Cambodia	1972	2.09	0.21	2.68	4.26	32.42	59.57
Cambodia	1973	1.98	0.11	2.67	4.07	30.93	61.75
Cambodia	1974	1.59	0.05	2.67	4.22	30.75	62.69
Cambodia	1975	1.46	0.04	2.72	3.06	30.71	58.73
Cambodia	1976	1.41	0.03	2.89	2.87	31.23	61.12
Cambodia	1977	1.44	0.03	3.01	2.67	32.17	63.46
Cambodia	1978	1.27	0.03	2.84	2.27	16.1	55.66
Cambodia	1979	0.9	0.02	2.78	2.75	12.15	44.73
Cambodia	1980	0.21	0.03	2.85	4.23	8.06	47.18
Cambodia	1981	0.34	0.03	2.92	2.1	20.9	51.32
Cambodia	1982	1.92	0.03	2.93	2.85	27.11	55.52
Cambodia	1983	2.34	0.03	3.03	4.19	25.91	60.24
Cambodia	1984	1.37	0.03	3.05	3.6	23.53	60.42
Cambodia	1985	1.15	0.04	3.06	3.44	24.82	64.11
Cambodia	1986	0.99	0.04	3.12	3.45	25.01	67.11
Cambodia	1987	1.02	0.04	3.02	3.49	27.19	68.3
Cambodia	1988	0.8	0.05	2.95	3.78	27.8	68.66
Cambodia	1989	1.5	0.05	3.09	4.02	25.26	68.7
Cambodia	1990	2.1	0.05	3.12	5.45	33.28	69.25
Cambodia	1991	1.41	0.05	3.19	5.78	34.08	68.88
Cambodia	1992	2.73	0.05	3.17	6.94	20.85	67.03
Cambodia	1993	2.87	0.05	3.14	10.12	20.04	67.09
Cambodia	1994	11.36	0.05	3.16	9.98	20.62	67.25
Cambodia	1995	9.54	0.05	3.11	9.55	24.68	67.07
Cambodia	1996	9.33	0.19	2.99	9.48	20.93	75.12
Cambodia	1997	12.69	0.23	3.05	9.3	18.94	72.96
Cambodia	1998	13.46	0.19	3.09	8.92	19	72.39

Cambodia	1999	14.37	0.37	3.07	8.73	54.44	72.06
Cambodia	2000	14.84	0.19	3.02	8.01	56.8	71.31
Cambodia	2001	15.01	0.15	2.94	8.71	88.57	69.55
Cambodia	2002	13.66	0.15	3.27	9.21	79.28	75.19
Cambodia	2003	17.51	0.15	3.19	8.13	69.5	71.67
Cambodia	2004	19.43	0.12	3.24	7.79	58.41	71
Cambodia	2005	32.75	0.51	3.2	8.47	74.66	76.49
Cambodia	2006	34.26	1.82	3.48	8.48	99.17	79.85
Cambodia	2007	37.52	1.46	3.87	8.02	94.24	79.33
Cambodia	2008	40.8	0.55	3.77	7.53	88.12	83.07
Cambodia	2009	40.49	2	3.49	7.68	94.9	80.13
Cambodia	2010	45.36	0.33	3.84	7.47	98.88	75.08
Cambodia	2011	62.44	0.51	3.89	7.46	111.05	70.52
Cambodia	2012	82.19	0.69	3.81	7.54	111.27	74.2
Cambodia	2013	93.98	0.83	3.75	9.66	113.52	75.46
Cambodia	2014	95.09589	1.452055	3.945205	8.191781	116.1096	66.60274
Cambodia	2015	122.9863	1.068493	3.671233	8.027397	112.9315	65.47945
Cambodia	2016	123.7808	1.39726	3.589041	8.164384	115.726	65.94521
Cambodia	2017	126.3288	3.534247	3.616438	7.287671	116.9315	65.45205
Cameroon	1961	25.31	116.92	0.94	13.22	32.28	191.01
Cameroon	1962	23.72	118.21	0.95	12.98	30.14	231.37
Cameroon	1963	21.14	123.04	1.08	13.2	28.47	236.18
Cameroon	1964	25.82	133.32	1.45	12.61	27.51	312.16
Cameroon	1965	29.59	106.89	1.48	13.35	27.28	195.47
Cameroon	1966	27.07	122.79	1.72	13.13	27.5	236.39
Cameroon	1967	30.97	105.08	1.95	16.82	29.85	280.03
Cameroon	1968	32.77	95.11	2.04	18.39	30.62	283.32
Cameroon	1969	32.65	109.33	2.26	20.05	31.94	231.01
Cameroon	1970	36.28	95.39	2.2	19.54	31.6	254.15
Cameroon	1971	39.45	101.99	2.14	21.05	28.16	267.07
Cameroon	1972	39.21	98.4	2.09	23.12	27.57	274.37
Cameroon	1973	39.48	95.95	2.05	23.09	25.18	291.22
Cameroon	1974	49.06	104.36	2.01	24.25	22.69	328.67
Cameroon	1975	39.08	110.69	1.95	26	24.29	295.99
Cameroon	1976	44.33	85.66	1.92	27.98	25.88	276.49
Cameroon	1977	56.86	86.92	1.91	28.94	27.25	300.73
Cameroon	1978	71.3	107.44	1.96	27.1	24.06	362.68
Cameroon	1979	75.86	102.68	2.01	28.67	30.79	355.2
Cameroon	1980	63.42	104.59	2.13	29.72	31.4	362.58
Cameroon	1981	70.57	86.59	2.22	28.29	32.57	371.14
Cameroon	1982	80.24	88.32	2.26	28.11	34.12	372.42
Cameroon	1983	83.65	85.91	2.54	30.06	32.62	410.98
Cameroon	1984	83.31	67.15	1.9	29.77	32.48	363.26
Cameroon	1985	87.07	77.86	2.15	30.57	34.69	403.56
Cameroon	1986	86.17	95.58	2.46	29.58	39.01	402.81
Cameroon	1987	80.88	88.1	2.22	29.36	31.69	311.73
Cameroon	1988	72.13	86.65	2.26	30.02	34.18	286.38
Cameroon	1989	68.94	100.31	2.25	30.85	33.46	313.15
Cameroon	1990	60.17	89.17	2.2	29.74	31.12	286.46

Cameroon	1991	72.64	85.37	2.02	27.62	21.74	299
Cameroon	1992	55.76	79.9	2.12	28.87	29.98	312.21
Cameroon	1993	49.68	82.46	2.05	27.92	24.79	320.8
Cameroon	1994	39	74.75	2.04	29.01	24.94	326.11
Cameroon	1995	35.28	89.49	1.92	27.76	28.83	323.64
Cameroon	1996	29.79	85.26	1.81	25.95	27.26	326.23
Cameroon	1997	28.96	78.17	1.78	26.89	32.4	286.43
Cameroon	1998	44.74	91.25	1.73	27.71	34.99	279.88
Cameroon	1999	64.71	55.8	1.66	28.98	34	226.45
Cameroon	2000	63.93	72.32	1.72	28.49	34.8	210.43
Cameroon	2001	69.36	81.33	1.59	24.71	38.58	206.33
Cameroon	2002	72.11	84.16	1.57	30.62	35.67	218.66
Cameroon	2003	72.76	85.86	1.52	32.39	41.12	213.77
Cameroon	2004	73.99	85.43	1.33	30.81	40.82	221.95
Cameroon	2005	64.8	94.65	1.22	31.25	39.5	249.38
Cameroon	2006	64.32	97.77	1.2	30.36	36.72	253.22
Cameroon	2007	65.21	97.95	1.06	29.24	42.06	254.27
Cameroon	2008	70.66	100.08	1.01	30.92	43.02	254.16
Cameroon	2009	84.19	103.85	1.13	30.75	49.82	269.71
Cameroon	2010	79.26	112.12	1.07	31.54	39.65	280
Cameroon	2011	79.35	110.14	1.02	29.8	47.01	281.05
Cameroon	2012	89.18	116	1.07	30.31	43.14	295.96
Cameroon	2013	94.46	118.46	1.1	31.21	42.08	307.62
Cameroon	2014	96.30137	113.6438	0.958904	30.0274	54.27397	262.274
Cameroon	2015	81.20548	115.2329	0.986301	29.69863	55.17808	256.2466
Cameroon	2016	77.36986	116.6027	0.958904	29.28767	57.64384	264.5753
Cameroon	2017	76.87671	117.1507	0.958904	28.24658	49.47945	270.4384
Canada	1961	185.35	11.47	41.59	42.53	41.46	266.13
Canada	1962	192.24	14.07	41.42	42.32	42.74	267.41
Canada	1963	192.72	14.15	39.59	43.11	42.76	255.87
Canada	1964	199.59	13.32	39.55	42.97	39.12	245.07
Canada	1965	200.03	13.35	39.03	41.38	36.33	246.21
Canada	1966	207.21	37.93	38.02	43.86	41.84	233.86
Canada	1967	212.66	41.34	39.38	49.33	35.52	239.62
Canada	1968	210.89	39.35	38.87	49.23	41.28	233.83
Canada	1969	218.29	45.25	39.79	50.54	39.35	243.02
Canada	1970	226.66	46.03	40.17	47.82	38.57	236.16
Canada	1971	244.53	45.09	39.33	48.57	43.16	243.57
Canada	1972	249.26	46.61	37.89	48.93	39.19	241.98
Canada	1973	266.5	54.08	36.14	51.07	49.64	253.74
Canada	1974	266	54.57	35.81	52.75	49.57	260.93
Canada	1975	262.5	49.85	35.55	52.46	42.14	283.23
Canada	1976	252.48	51.39	35.48	56.34	52.53	298.99
Canada	1977	253.2	45.88	34.46	57.27	58	293.3
Canada	1978	253.04	46.26	33.87	56.72	56.32	305.23
Canada	1979	257.03	49.67	35.22	56.1	62.41	323.31
Canada	1980	250.16	50.7	34.86	60.53	56.34	323.37
Canada	1981	260.25	51.9	34.35	58.65	60.51	334.09
Canada	1982	249.75	47.46	34.31	55.57	53.37	318.89

Canada	1983	253.33	52.77	33.76	59.25	54.88	318.97
Canada	1984	256.83	54.28	32.52	60.97	51.58	322.66
Canada	1985	253.08	49.94	32.35	65.11	52.9	315.66
Canada	1986	245.68	49.65	31.97	68.62	59.24	314.01
Canada	1987	239.54	50.38	31.53	67.32	67.46	336.78
Canada	1988	237.37	49.81	30.03	65.39	66.9	306.34
Canada	1989	233.98	50.86	29.31	66.82	66.99	324.44
Canada	1990	228.91	51.81	29.15	64.28	65.04	311.02
Canada	1991	225	56.51	29.01	69.95	63.72	299.45
Canada	1992	215.92	66.33	28.74	72.2	63.49	312.04
Canada	1993	222.46	55.23	28.3	71.27	64.09	312.24
Canada	1994	224.23	62.96	28.23	72.05	64.07	332.88
Canada	1995	227.12	57.91	28.09	75.97	61.98	333.5
Canada	1996	220.54	57.73	28.58	76.95	64.13	330.41
Canada	1997	218.24	59.34	29.71	82.62	63.65	343.49
Canada	1998	227.18	54.73	30.92	86.21	66.03	345.48
Canada	1999	232.39	60.82	29.8	83.63	68.41	356.85
Canada	2000	228.79	71.23	30.4	83.08	64.35	350.24
Canada	2001	236.31	63.76	32.31	82.58	67.84	344.81
Canada	2002	238.15	64.85	30.98	79.04	65.68	345.83
Canada	2003	205.83	60.19	30.59	87.48	68.61	331.82
Canada	2004	231.05	64.12	30.57	84.38	66.21	335.24
Canada	2005	236.2	68.5	30.91	83.62	64.68	359.18
Canada	2006	221.78	59.03	30.24	81.85	64.91	366.66
Canada	2007	220.75	64.43	30.05	81.4	64.23	396.33
Canada	2008	219.89	61.6	31.94	86.24	61.18	368.78
Canada	2009	215.89	59.51	34.04	83.05	63.06	371.7
Canada	2010	189.37	66.51	34.17	85.06	60.56	370.42
Canada	2011	189.7	65.92	34.28	85.72	62.17	357.79
Canada	2012	191.07	64.45	34.71	82.22	59.63	350.03
Canada	2013	189.3	64.78	35.47	80.39	61.95	377.32
Canada	2014	193.1233	65.47945	35.91781	76.68493	63.36986	271.8356
Canada	2015	193.0137	65.39726	37.26027	74.38356	61.12329	261.0685
Canada	2016	192.3562	65.58904	38.35616	69.09589	62.46575	274.274
Canada	2017	192.1918	73.56164	38.82192	69.26027	61.83562	259.9178
Caribbean	1961	41.21	9.43	6.44	19.56	23.81	297.73
Caribbean	1962	36.5	10.99	6.87	19.37	25.38	298.47
Caribbean	1963	36.53	9.17	7.27	20.93	31.2	301.63
Caribbean	1964	37.83	8.77	7.68	22.48	33.97	304.28
Caribbean	1965	36.25	7.97	8.39	22.38	26.87	301.19
Caribbean	1966	37.94	8.28	9.24	24.65	32.77	303.53
Caribbean	1967	39.62	8.71	10.62	25.18	34.79	288.03
Caribbean	1968	33.9	7.86	10.63	25.62	33.15	294.1
Caribbean	1969	34.02	8.86	11.43	26.22	32.82	299.61
Caribbean	1970	41.04	8.18	12.06	26.24	32.6	293.46
Caribbean	1971	45.18	8.1	12.34	27.48	36.41	298.98
Caribbean	1972	52.06	7.62	12.22	27.57	37.05	313.97
Caribbean	1973	53.98	8.02	12.79	27.98	36.18	311.23
Caribbean	1974	53.12	8.4	13.28	28.77	35.33	308.81

Caribbean	1975	57.84	8.67	13.75	29.95	37.43	296.29
Caribbean	1976	57.51	8.18	13.41	30.12	36.69	306.86
Caribbean	1977	59.03	6.87	13.34	30.34	32.35	311.74
Caribbean	1978	62.7	6.33	13.79	31.05	32.66	319.25
Caribbean	1979	63.06	6.56	13.76	29.82	28.57	310.95
Caribbean	1980	67.36	7.83	14.58	32.07	34.76	333.04
Caribbean	1981	65.82	6.13	14.5	34.27	34.57	328.14
Caribbean	1982	66.92	6.54	14.03	34.1	34.68	324.95
Caribbean	1983	64.72	7.46	14.69	31.96	35.32	330.16
Caribbean	1984	61.64	7.55	14.45	32.59	33.66	329.17
Caribbean	1985	65.97	7.66	13.76	33.07	36.67	327.38
Caribbean	1986	67.45	7.35	13.71	34.63	37.81	330.79
Caribbean	1987	72.33	7.16	13.87	33.13	36.91	339.43
Caribbean	1988	74.5	8.17	13.2	32.22	36.56	339.76
Caribbean	1989	76.95	7.29	12.48	33.19	35.19	323.08
Caribbean	1990	62.81	6.96	14.44	37.23	33.88	294.04
Caribbean	1991	55.28	6.21	14.83	33	27.13	293.86
Caribbean	1992	65.75	4.7	12.86	28.57	25.61	299.95
Caribbean	1993	56.81	4.7	9.67	28.78	27.33	285.82
Caribbean	1994	59	4.9	9.84	29.23	27.96	285.32
Caribbean	1995	56.55	4.46	9.58	26.68	28.54	288.57
Caribbean	1996	57.91	3.99	9.1	26.2	27.05	309.26
Caribbean	1997	60	5.72	9.88	29.03	27.26	315.29
Caribbean	1998	67.72	5.78	9.51	29.95	26.77	312.41
Caribbean	1999	72.66	6.13	10.64	30.31	26.2	315.78
Caribbean	2000	76.03	6.3	10.55	32.16	27.28	354.01
Caribbean	2001	71.61	5.82	10.57	30.7	28.4	386.34
Caribbean	2002	75.31	5.93	12.22	30.35	26.97	364.86
Caribbean	2003	71.66	5.89	11.68	28.53	26.87	419.67
Caribbean	2004	74.19	6.66	10.89	32.32	28.3	402.01
Caribbean	2005	81.48	9.05	12.75	31.17	27.97	359.67
Caribbean	2006	85.03	9.02	14.29	31.29	28.09	365.83
Caribbean	2007	81.38	11.17	13.95	30.94	30.36	383.5
Caribbean	2008	87.21	10	14.02	28.52	30.83	324.29
Caribbean	2009	78.94	8.38	14.74	31.02	29.73	367.97
Caribbean	2010	87.86	6.22	15.44	32.77	25.76	400.58
Caribbean	2011	85.66	5.97	15.58	35.38	24.91	395.37
Caribbean	2012	82.72	6.09	15.51	35.84	24.69	435.43
Caribbean	2013	80.66	4.86	15.44	34.17	24.54	434.45
Caribbean	2014	83.15068	5.835616	16.05479	35.0137	25.89041	461.5068
Caribbean	2015	86.49315	6.219178	15.36986	34.52055	26.57534	460.4932
Caribbean	2016	85.23288	6.410959	15.80822	35.26027	25.67123	490.6301
Caribbean	2017	87.69863	6.438356	16.60274	35.20548	26	487.726
Central African Republic	1961	14.37	42.38	0.96	37.27	4.3	132.16
Central African Republic	1962	21.34	34.96	0.98	39.32	4.4	132.96
Central African Republic	1963	22.88	32.31	1.02	36.49	5.36	135.27
Central African Republic	1964	24.25	32.25	1.1	35.99	5.6	138.18
Central African Republic	1965	20.54	31.25	1.08	36.62	5.98	138.58
Central African Republic	1966	25.73	32.94	0.94	39.42	8.14	135.79

Central African Republic	1967	26.29	35.51	1.03	46.81	8.93	133.66
Central African Republic	1968	23.03	38.24	1.01	45.76	8.75	131.57
Central African Republic	1969	22.62	36.88	1.05	45.99	10.7	130.92
Central African Republic	1970	23.18	37.91	1.04	46.43	12.29	135.58
Central African Republic	1971	23.48	55.55	1.05	46.79	13.37	137.69
Central African Republic	1972	23.11	37.49	1.09	48.76	12.69	139.59
Central African Republic	1973	25.05	37.14	1.1	48.83	15.27	141.77
Central African Republic	1974	26.82	63.07	1.09	58.86	17.31	143.53
Central African Republic	1975	22.66	35.39	1.07	51.77	12.15	144.82
Central African Republic	1976	22.77	33.45	1.07	55.51	15.68	145.75
Central African Republic	1977	30.1	51.52	1.06	54.16	18.42	147.19
Central African Republic	1978	33.77	33.7	1.07	51.76	17.26	147.85
Central African Republic	1979	29.63	34.29	1.09	53.34	16.56	147.96
Central African Republic	1980	38.8	34.28	1.1	53.72	16.52	145.92
Central African Republic	1981	28.38	36.19	1.03	55.64	15.37	144.45
Central African Republic	1982	28.66	37.35	0.98	54.3	14.9	141.09
Central African Republic	1983	24.34	37.05	0.95	53.32	15.05	139.77
Central African Republic	1984	22.18	33.76	0.93	46.52	14.43	139.34
Central African Republic	1985	33.12	34.77	0.95	44.1	15.04	136.96
Central African Republic	1986	38.73	33.8	0.88	45.65	15.05	136.57
Central African Republic	1987	32.89	35.86	1.09	46.79	14.67	137.73
Central African Republic	1988	26.78	32.84	1.09	46.84	14.41	138.64
Central African Republic	1989	23.13	37.69	1.1	50.34	14.26	139.99
Central African Republic	1990	21.87	33.99	1.13	43.69	13.93	138.99
Central African Republic	1991	25.45	39.55	1.25	40.88	13.05	138.72
Central African Republic	1992	26.16	37.84	1.24	39.45	12.5	137.8
Central African Republic	1993	34.66	43.33	1.36	38.05	12.58	138.46
Central African Republic	1994	23.64	46.51	1.33	41.5	12.29	139.19
Central African Republic	1995	21.65	40.81	1.44	39.69	12.02	137.54
Central African Republic	1996	9.75	48.53	1.4	38.66	11.81	140.23
Central African Republic	1997	11.92	38.42	1.38	41.74	12.08	144.32
Central African Republic	1998	15.54	42.62	1.38	40.31	11.76	146.07
Central African Republic	1999	9.15	38.57	1.35	44.9	12.32	136.6
Central African Republic	2000	18.88	41.86	1.34	43.59	11.89	144.61
Central African Republic	2001	15.16	43.78	1.32	45.77	13.2	143.26
Central African Republic	2002	9.91	44.34	1.3	47.2	14.38	135.96
Central African Republic	2003	7.96	44.29	1.3	47.43	16.45	128.43
Central African Republic	2004	10.13	45.57	1.28	48.47	17.64	130.81
Central African Republic	2005	13.95	45.19	1.28	49.1	18.84	126.77
Central African Republic	2006	16.11	43.96	1.35	48.16	19.77	128.23
Central African Republic	2007	11.53	45.22	1.45	51.66	21.75	127.75
Central African Republic	2008	14.85	46.26	1.47	53.66	22.42	128.78
Central African Republic	2009	11.03	42.96	1.47	52.59	23.99	127.94
Central African Republic	2010	10.11	50.46	1.66	52.62	26.08	128.12
Central African Republic	2011	11.25	50.46	1.77	50.83	25.43	129.37
Central African Republic	2012	11.35	49.93	1.32	48.49	23.31	130.54
Central African Republic	2013	7.75	45.17	1.29	49.6	21.29	127.2
Central African Republic	2014	13.0411	39.17808	1.178082	39.56164	21.9726	92
Central African Republic	2015	16.13699	33.0137	1.178082	38.16438	21.72603	110.0274

Central African Republic	2016	16.21918	34.49315	1.260274	37.28767	21.45205	120.7123
Central African Republic	2017	16.38356	34.84932	1.342466	36.79452	21.17808	119.9178
Central America	1961	52.24	3.18	9.65	16.64	6.26	159.43
Central America	1962	50.82	3.53	9.93	17.04	6.11	169.12
Central America	1963	49.98	4.72	10.8	16.61	7.25	176.96
Central America	1964	57.14	3.8	10.48	17.1	7.48	175.82
Central America	1965	59.76	5.49	11.33	17.3	8.1	207.01
Central America	1966	60.69	5.59	12.04	17.59	7.86	215.39
Central America	1967	62.4	6.76	13.61	17.14	9.2	217.31
Central America	1968	61.85	5.22	13.33	16.63	9.17	209.18
Central America	1969	64.85	5.49	14.28	16.54	8.76	194.43
Central America	1970	65.64	5.57	14.96	17.68	9.54	192.51
Central America	1971	58.64	5.13	14.86	17.33	10.35	220.78
Central America	1972	64.99	5.05	16.28	17.78	10.47	208.23
Central America	1973	72.27	4.46	16.13	18.42	10.98	212.9
Central America	1974	79.74	5.2	15.11	19.98	10.71	203.65
Central America	1975	78.28	4.45	16.16	20.52	11.61	214.35
Central America	1976	76.79	3.84	16.98	20.34	10.67	216.63
Central America	1977	81.7	3.82	18.04	22.01	10.46	214.68
Central America	1978	82.51	3.89	19.36	22.69	17.09	226.38
Central America	1979	89.72	4.8	20.02	24.24	20	216.45
Central America	1980	92.22	4.75	20.76	24.79	22.9	231.49
Central America	1981	96.4	5.32	20.54	27.53	29.66	247.11
Central America	1982	92.61	3.8	21.17	32.21	25.52	260.6
Central America	1983	82.76	5.03	21.07	33.6	20.4	245.89
Central America	1984	82.34	4.34	21.33	29.14	21.89	257.53
Central America	1985	83.77	3.08	23.05	31.35	21.6	250.11
Central America	1986	80.23	3.65	26.54	34.76	22.09	246.2
Central America	1987	86.58	4.24	26.02	33.07	23.33	240.58
Central America	1988	90.44	6.08	28.57	34.24	23.42	244.13
Central America	1989	102.85	5.4	26.9	33.96	23.47	238.92
Central America	1990	103.45	5.41	25.33	31.25	27.11	233.85
Central America	1991	108.54	4.68	27.79	32.95	25.79	235.27
Central America	1992	108.24	4.89	27.76	32.79	24.46	247.96
Central America	1993	108.77	4.91	28.7	33.53	23.81	245.76
Central America	1994	109.55	4.01	28.63	33.17	24.51	261.89
Central America	1995	102.51	3.84	28.02	32.73	22.11	256.56
Central America	1996	104.34	3.83	27.43	34.73	23.54	269.2
Central America	1997	110.23	4.73	28.84	34.22	25.32	265.5
Central America	1998	110.07	3.78	30.19	32.3	21.08	237.04
Central America	1999	113.67	3.23	32.29	29.86	21.24	255.08
Central America	2000	112.16	2.52	34.7	29.23	22.02	270.42
Central America	2001	110.47	4.16	37.25	29.58	22.66	285.11
Central America	2002	112.59	4.62	37.63	31.34	24.18	285.63
Central America	2003	115.02	4.48	37	30.88	23.54	279
Central America	2004	115.48	5.44	38.22	31.62	23.65	281.87
Central America	2005	119.39	5.18	38.08	33.64	26.69	277.81
Central America	2006	124.9	4.04	42.4	32.22	27.71	287.21
Central America	2007	129.35	3.63	41.69	33.49	29.03	277.54

Central America	2008	128.36	3.92	41.91	33.96	29.11	280.05
Central America	2009	133.83	3.28	41.68	32.54	27.55	272.87
Central America	2010	126.02	3.67	41.51	33.87	28.27	251.21
Central America	2011	127.57	3.47	42.11	36.04	26.04	257.26
Central America	2012	125.08	2.81	39.95	34.34	25.58	254.86
Central America	2013	122.61	3.5	43.73	35.27	25.22	271.09
Central America	2014	119.5068	3.972603	44	30	34.13699	267.6438
Central America	2015	137.4247	3.863014	44.57534	31.45205	34.63014	274.0548
Central America	2016	142.4658	4.082192	45.06849	32	36	281.3151
Central America	2017	148.4384	3.041096	45.0137	31.50685	33.80822	282.3014
Central Asia	1992	33.08	0.65	16.82	25.72	7.09	69.65
Central Asia	1993	25.82	1.51	14.88	29.01	5.35	56.39
Central Asia	1994	26.28	2.08	11.69	29.86	3.87	56.05
Central Asia	1995	23.68	2.35	8.76	28.35	3.31	65.66
Central Asia	1996	22.52	1.53	6.8	28.31	3.21	62.49
Central Asia	1997	23.17	1.59	6.84	27.39	2.6	61.59
Central Asia	1998	23.41	2.04	7.53	28.36	2.35	52.94
Central Asia	1999	21.47	2.37	7.92	25.7	3.22	52.05
Central Asia	2000	24.24	2.78	8.94	27.11	4.07	80.9
Central Asia	2001	23.92	3.34	8.77	28.61	3.48	81.9
Central Asia	2002	28.15	3	9.43	27.5	3.29	85.26
Central Asia	2003	29.65	2.23	10.83	27.82	3.21	73.32
Central Asia	2004	34.53	3.41	11.69	28.69	3.28	93.35
Central Asia	2005	39.49	3.84	12.7	32.61	3.84	98.42
Central Asia	2006	43.6	3.73	12.66	32.34	4.08	118.72
Central Asia	2007	48.02	3.75	13.87	34.67	5.2	128.11
Central Asia	2008	46.36	4.02	14.46	35.43	6.06	128.18
Central Asia	2009	42.77	3.91	15.13	33.75	4.69	140.88
Central Asia	2010	48.78	3.75	15.45	33.62	5.75	156.26
Central Asia	2011	48.03	3.77	15.36	37.33	6.2	174.41
Central Asia	2012	48.9	4.19	15.22	38.51	6.32	193.48
Central Asia	2013	47.41	3.94	15.69	38.73	6.2	206.93
Central Asia	2014	51.39726	3.726027	16.16438	37.89041	7.424658	204.9315
Central Asia	2015	51.94521	3.452055	16.90411	37.80822	7.506849	209.9178
Central Asia	2016	49.0411	3.315068	15.53425	37.42466	7.123288	202.274
Central Asia	2017	48.84932	3.835616	17.61644	38.35616	6.986301	197.1507
Chad	1961	1.81	7.87	1.62	17.61	12.26	43.35
Chad	1962	3.08	7.55	1.59	18.27	5.45	47
Chad	1963	2.65	7.22	1.56	17.76	5.33	45.88
Chad	1964	4.76	7.7	1.53	17.47	6.92	47.5
Chad	1965	3.94	7.31	1.56	18.74	8.27	50.25
Chad	1966	3.81	7.91	1.52	16.85	12.34	53.99
Chad	1967	5.13	7.69	1.49	17.01	5.42	53.8
Chad	1968	5.36	7.36	1.52	17.61	9.24	55.67
Chad	1969	5.71	7.96	1.55	17.1	9.67	55.44
Chad	1970	6.25	7.76	1.43	17.05	11.27	55.69
Chad	1971	6.79	7.32	1.32	16.26	13.38	55.76
Chad	1972	7.9	6.69	1.24	14.76	13.42	54.97
Chad	1973	8.34	6.38	1.14	15.25	13.53	49.99



Chad	1974	9.88	6.21	1.07	15.86	12.05	52.31
Chad	1975	10.74	5.94	1.05	15.3	9.58	51.76
Chad	1976	10.9	5.5	1.04	15.24	9.61	51.67
Chad	1977	10.56	5.31	1.95	15.08	10.7	50.1
Chad	1978	10.75	5.15	1.82	14.6	11.57	50.84
Chad	1979	9.06	4.57	1.85	15.61	11.41	50.94
Chad	1980	6.24	4.21	1.86	16.1	10.32	49.42
Chad	1981	7.61	3.67	1.57	16.01	8.74	50.48
Chad	1982	7.87	2.94	1.53	15.06	6.93	51.41
Chad	1983	6.97	3.42	1.54	15.98	7.07	53.85
Chad	1984	8.28	2.3	1.51	22.73	7.9	49.09
Chad	1985	8.67	3.4	1.5	16.13	8.48	50.97
Chad	1986	6.43	3.73	1.32	16.48	8.98	49.51
Chad	1987	5.71	4.21	1.31	16.91	9.66	48.1
Chad	1988	5.29	5.07	1.27	16.42	10.38	47.28
Chad	1989	5.71	4.03	1.29	18.4	10.8	45.78
Chad	1990	5.57	4.38	1.18	15.61	11.42	43.36
Chad	1991	6.65	4.02	1.17	19.55	13.51	44.96
Chad	1992	5.95	3.81	1.16	19.23	15.1	44.99
Chad	1993	4.35	3.41	1.15	17.01	16.46	41.92
Chad	1994	4.57	5.05	1.15	17.86	17.07	41.7
Chad	1995	2.78	3.56	1.14	22.33	17.07	30.46
Chad	1996	7.51	4.85	1.12	23.2	19.23	29.36
Chad	1997	4.96	3.37	0.99	26.14	17.82	34.58
Chad	1998	3.72	3.89	0.97	24.8	18.2	32.88
Chad	1999	2.97	4.78	0.96	24.28	19.38	29.72
Chad	2000	3	3.35	0.96	19.16	24.16	28.77
Chad	2001	2.76	4.46	0.9	22.18	21.63	27.98
Chad	2002	2.41	3.83	0.91	21.98	20.46	27.44
Chad	2003	2.83	5.42	0.84	19.99	18.27	27.06
Chad	2004	2.86	2.95	0.84	21.68	17.06	26.6
Chad	2005	3.27	5.6	0.81	21.17	15.1	26.04
Chad	2006	8.08	5.49	0.79	17.89	13.8	27.44
Chad	2007	7.21	4.47	0.78	15.17	11.57	28.01
Chad	2008	8.22	4.49	0.77	16.13	10.12	27.51
Chad	2009	8.57	4.67	0.75	14.54	9.89	25.2
Chad	2010	9.46	5.13	0.74	13.46	11.86	24.47
Chad	2011	10.95	2.47	0.71	13.69	13.77	24.35
Chad	2012	11.74	6.52	0.69	13.26	13.37	24.3
Chad	2013	12.45	4.32	0.67	12.94	12.98	23.3
Chad	2014	13.50685	4.383562	0.986301	14.73973	24.46575	22.16438
Chad	2015	13.78082	4.575342	0.958904	15.61644	19.56164	21.45205
Chad	2016	13.39726	4.438356	0.90411	15.75342	20.82192	20.60274
Chad	2017	11.42466	4.356164	0.931507	15.47945	19.67123	20.05479
Chile	1961	202.75	6.91	9.45	21.24	27.37	101.74
Chile	1962	193.81	6.85	10.52	21.58	31.25	105.02
Chile	1963	204.32	9.57	12.44	24.38	39.95	102.51
Chile	1964	194.96	6.95	13.91	21.24	38.58	102.66
Chile	1965	202.73	8.4	15.67	19.93	36.33	105.74

Chile	1966	203.92	8.23	16.01	22.17	39.34	109.6
Chile	1967	204.28	7.32	15.84	23.52	38.75	119.66
Chile	1968	192.96	8.06	15.12	27.99	39.19	124.3
Chile	1969	171.73	8.91	15.16	25.37	32.95	134.52
Chile	1970	175.26	7.63	15.26	24.8	41.05	126.15
Chile	1971	187.52	8.69	15.83	22.9	33.74	128.41
Chile	1972	186.25	7.85	16.36	21.37	43.95	120.9
Chile	1973	189.41	6.62	17.41	20.07	43.4	112.58
Chile	1974	178.41	8.34	17.05	18.8	37.09	125
Chile	1975	172.92	4.61	14.44	19.56	34.27	112.65
Chile	1976	178.05	6	12.48	23.3	35.81	93.36
Chile	1977	175.22	5.59	13.28	22.75	42.38	97.5
Chile	1978	178.56	6.03	13.25	28.29	47.66	97.51
Chile	1979	177.6	8.7	13.36	25.98	48.43	115.61
Chile	1980	175.64	7.23	13.56	27.79	46.73	103.13
Chile	1981	174.63	6.3	13.97	24.43	48.41	114.07
Chile	1982	167.34	6.04	15.19	24.3	39.27	126.37
Chile	1983	155.36	6.4	14.77	26.51	42.97	120.11
Chile	1984	154.33	5.29	14.8	24.49	39.79	115.31
Chile	1985	153.46	5.93	17.11	25.71	47.15	115.43
Chile	1986	122.58	4.24	17.2	24.84	42.92	101.23
Chile	1987	132.13	5.19	16.71	22.33	45.25	103.61
Chile	1988	132.59	5.29	16.07	22.86	45.32	105.63
Chile	1989	128.96	4.76	16.94	21.01	49.97	130.59
Chile	1990	130.58	4.91	17.17	25.42	49.95	134.56
Chile	1991	105.45	5.29	17.29	28.98	47.81	117.87
Chile	1992	112.57	6.06	17.22	29.96	46.84	132.54
Chile	1993	114.16	5.44	16.82	29.23	49.48	164.32
Chile	1994	111.18	5.25	14.51	30.22	49.48	163.86
Chile	1995	107.76	5.69	14.08	31.02	46.77	165.98
Chile	1996	108.36	5.61	14.83	31.11	47.03	183.61
Chile	1997	103.45	4.81	15.46	29.83	42.18	152.78
Chile	1998	116.51	5.53	15.13	30.5	37.25	145.74
Chile	1999	100.8	4.61	15.66	31.37	38.12	147.22
Chile	2000	93.75	4.59	16.37	33.68	34.35	152.62
Chile	2001	105.82	3.41	16.91	33.97	34.13	127.85
Chile	2002	103.05	4.36	16.79	35.33	36.37	162.96
Chile	2003	116.62	5.4	17.11	34.47	42.8	153.94
Chile	2004	116.52	5.95	17.22	33.44	47.43	159.93
Chile	2005	122.73	5.48	17.99	29.23	43.85	160.89
Chile	2006	139.93	5.82	17.46	29.97	42.75	156.95
Chile	2007	143.86	6.14	18.84	31.49	42.75	165.1
Chile	2008	150.85	5.27	19.47	29.25	43.9	170.95
Chile	2009	150.96	4.03	26.07	28.98	40.88	178.16
Chile	2010	153.12	5.77	25.97	27.28	38.63	185.82
Chile	2011	159.4	5.14	26.63	28.59	39.99	153.55
Chile	2012	174.13	5.46	27.39	27.63	36.5	162.48
Chile	2013	172.11	5.42	27.31	29.01	36.2	181.16
Chile	2014	184.3288	5.726027	27.78082	26.05479	36.9589	162

Chile	2015	185.0685	5.643836	28.84932	25.15068	33.0411	162.7945
Chile	2016	185.3425	4.273973	28.52055	22.9589	32.68493	151.6712
Chile	2017	184.0548	4.547945	28.73973	22.27397	32.84932	151.1233
China	1961	3.27	0.3	5.63	3.97	13.15	12.26
China	1962	4.12	0.3	5.6	4.31	13.48	11.85
China	1963	3.76	0.35	5.5	5.23	13.34	12.02
China	1964	3.9	0.38	5.6	6.01	12.94	12.38
China	1965	4.47	0.39	5.56	6.41	13.46	12.93
China	1966	4.63	0.42	5.6	6.59	13.31	13.41
China	1967	4.25	0.46	5.64	6.69	13.06	14.15
China	1968	4.55	0.45	5.61	6.49	13.4	14.57
China	1969	4.93	0.47	5.69	6.32	13.04	14.17
China	1970	5.29	0.52	5.73	6.63	12.54	14.01
China	1971	5.22	0.52	5.77	6.88	13.25	13.74
China	1972	5.53	0.6	5.8	7.08	14.01	15.24
China	1973	6.27	0.64	5.88	7.08	14.08	17.43
China	1974	6.41	0.64	5.97	7.16	14.91	17.53
China	1975	7.99	0.67	6.12	7.48	15.43	17.33
China	1976	8.13	0.76	6.26	7.06	15.42	17.53
China	1977	7.75	0.76	6.45	7.77	15.73	17.7
China	1978	9.3	0.82	6.69	8.52	15.02	19.5
China	1979	8.56	0.82	6.93	9.34	13.91	20.67
China	1980	13.72	0.93	7.2	10.91	14.21	20.14
China	1981	13.51	1.11	7.32	11.42	14.36	22.59
China	1982	15.08	1.21	7.72	12.74	15.78	21.69
China	1983	17.48	1.21	8.25	13.01	16.01	25.75
China	1984	19.37	1.17	10.5	14.2	17.88	26.33
China	1985	22.43	1.27	12.74	14.53	20.09	30.23
China	1986	26.75	1.26	12.94	15.15	22.97	33.87
China	1987	31.64	1.39	13.47	15.89	26.29	40.93
China	1988	34.94	1.46	15.51	15.65	28.4	40.23
China	1989	32.66	1.37	15.82	17.45	29.6	43.94
China	1990	34.53	1.43	17.16	19.34	30.83	44.21
China	1991	37.52	1.54	19.56	19.37	31.87	49.78
China	1992	41.73	1.8	21.35	18.75	35.5	53.45
China	1993	47.13	2.06	24.29	19.23	41.14	65.98
China	1994	50.68	2.35	30.08	20.87	48.71	74.37
China	1995	57.84	3.01	33.74	21.4	57.07	86.89
China	1996	55.65	3.12	39.2	20.46	61.61	95.14
China	1997	60.19	3.36	37.5	20.6	62.61	103.3
China	1998	58.37	4.96	39.63	21.24	64.52	105.88
China	1999	58.78	5.48	41.59	22.23	65.36	120.66
China	2000	60.51	5.9	42.21	23.15	67.62	120.44
China	2001	65.76	5.63	42.51	23.01	66.33	129.18
China	2002	67.92	6.05	43.3	23.92	69.31	133.44
China	2003	68	6.27	44.28	24.56	70.83	142.91
China	2004	77.19	6.59	44.71	24.9	73.66	156.47
China	2005	80.76	6.86	45.63	25	75.18	162.13
China	2006	89.16	7.15	45.13	27.14	77.35	172.43

China	2007	98.54	7.51	46.68	27.51	80.6	180.56
China	2008	102.17	7.59	49.5	26.12	83.73	190.15
China	2009	102.49	7.81	49.88	27.11	87.72	202.73
China	2010	107.49	7.97	50.01	26.75	90.51	213.86
China	2011	113.81	8.26	50.59	27.18	92.43	232.72
China	2012	112.35	8.61	51.11	26.1	97.41	252.85
China	2013	117.29	8.74	51.09	25.12	96.84	258.99
China	2014	114.7123	8.657534	51.0411	25.0137	100.2466	261.3973
China	2015	111.3699	9.041096	60.49315	25.72603	104.5479	260.7397
China	2016	107.0959	9.013699	61.23288	24.52055	105.8904	263.9726
China	2017	105.0685	9.260274	62.24658	25.06849	106.4932	269.4247
China, Hong Kong SAR	1961	24	5.09	20.2	40.93	88.16	90.64
China, Hong Kong SAR	1962	25.32	3.87	21.8	40.79	91.2	96.94
China, Hong Kong SAR	1963	29.01	3.24	23.9	37.04	88.58	104.35
China, Hong Kong SAR	1964	33.31	3.73	26.94	41.22	99.88	108.32
China, Hong Kong SAR	1965	47.33	3.5	26.42	27.28	98.84	127.38
China, Hong Kong SAR	1966	37.67	4.01	26.37	33.18	105.24	135.51
China, Hong Kong SAR	1967	37.35	3.4	25.23	38.78	102	141.81
China, Hong Kong SAR	1968	36.38	4.47	27.3	40.74	127.1	155.36
China, Hong Kong SAR	1969	43.02	5.3	29.32	40.51	126.72	166.71
China, Hong Kong SAR	1970	56.38	4.95	31.04	41.96	146.14	184.81
China, Hong Kong SAR	1971	56.56	5.15	33.03	46.1	147	194.45
China, Hong Kong SAR	1972	53.97	5.04	30.87	42.73	146.94	197.78
China, Hong Kong SAR	1973	61.57	4.98	32.61	43.65	137.73	199.19
China, Hong Kong SAR	1974	57.8	4.7	29.62	40.23	140.99	194.76
China, Hong Kong SAR	1975	56.99	4.51	32.52	37.08	137.6	204.36
China, Hong Kong SAR	1976	61.96	5.63	30.3	39.29	131.91	192.92
China, Hong Kong SAR	1977	70.35	6.86	33.36	42.71	121.15	205.53
China, Hong Kong SAR	1978	69.96	7.47	34.94	37.45	120.66	229.15
China, Hong Kong SAR	1979	74.67	6.52	37.31	41.8	132.16	199.29
China, Hong Kong SAR	1980	85.02	6.49	36.14	39.56	131.29	210.5
China, Hong Kong SAR	1981	90.68	6.04	34.25	38.04	120.09	207.09
China, Hong Kong SAR	1982	76.92	6.03	34.57	38.96	132.4	198.56
China, Hong Kong SAR	1983	86.76	7.45	33.51	39.68	136.59	206.19
China, Hong Kong SAR	1984	77.29	6.34	36.17	45.55	134.19	193.94
China, Hong Kong SAR	1985	81.58	5.37	33.75	48.1	132.06	208.67
China, Hong Kong SAR	1986	83.06	5.06	35.94	48.48	145.87	217.56
China, Hong Kong SAR	1987	95.2	6.49	37.61	53.83	147.02	224.04
China, Hong Kong SAR	1988	86.88	9.02	38.59	64.75	150.52	211.53
China, Hong Kong SAR	1989	94.67	7.58	35.42	73.41	140.54	213.77
China, Hong Kong SAR	1990	93.77	8.71	35.23	65.22	162.67	217.7
China, Hong Kong SAR	1991	92.15	7.16	36.52	72.24	184.98	210.95
China, Hong Kong SAR	1992	95.2	9.07	37.79	61.71	185.1	231.3
China, Hong Kong SAR	1993	85	8.02	34.96	70.44	171.83	247.73
China, Hong Kong SAR	1994	93.23	7.59	35.59	71.52	172.05	248.72
China, Hong Kong SAR	1995	86.71	8.33	35.65	62	164.99	253.8
China, Hong Kong SAR	1996	88.8	7.71	36.21	61.82	161.02	238.29
China, Hong Kong SAR	1997	86.97	7.87	34.1	65.04	175.78	266.85
China, Hong Kong SAR	1998	71.71	8.03	33.45	60.86	161.13	253.3

China, Hong Kong SAR	1999	75.55	8.97	32.46	57.48	147.94	241.07
China, Hong Kong SAR	2000	61.3	9.44	31.24	50.68	172	237.42
China, Hong Kong SAR	2001	70.38	10.04	31.74	52.79	182.93	248.39
China, Hong Kong SAR	2002	67.83	8.78	31.36	53.21	186.11	249.69
China, Hong Kong SAR	2003	67.96	8.32	31.57	50.96	177.66	243.63
China, Hong Kong SAR	2004	65.64	8.97	32.37	51.82	187.9	213.56
China, Hong Kong SAR	2005	69.21	8.77	32.44	48.39	186.5	229.68
China, Hong Kong SAR	2006	69.67	9.78	31.87	48.22	189.64	265.23
China, Hong Kong SAR	2007	65.01	9.96	33.7	42.93	176.16	252.25
China, Hong Kong SAR	2008	75.11	10.63	34.11	44.71	176.4	227.59
China, Hong Kong SAR	2009	79.02	12.51	34.31	45.35	189.97	214.91
China, Hong Kong SAR	2010	73.22	14.19	35.14	39.65	191.11	211.77
China, Hong Kong SAR	2011	76.89	15.44	37.64	37.21	195.2	218.93
China, Hong Kong SAR	2012	76.23	17.52	40.99	37.95	193.79	220.75
China, Hong Kong SAR	2013	75.07	17.35	39.72	40.31	192.27	221.38
China, Hong Kong SAR	2014	79.64384	11.94521	47.83562	27.20548	186.8493	221.4247
China, Hong Kong SAR	2015	80.60274	13.47945	48.13699	25.06849	203.0685	213.9726
China, Hong Kong SAR	2016	81.28767	14.49315	50.24658	23.67123	198.3562	204.3288
China, Hong Kong SAR	2017	82.9589	13.36986	50.76712	20.68493	196.6575	190.6575
China, Macao SAR	1961	15.64	13.88	11.1	36.81	14.09	49.82
China, Macao SAR	1962	14.93	15	18.59	41.38	16.65	49.78
China, Macao SAR	1963	16.73	11.9	25.5	39.01	23.2	73.73
China, Macao SAR	1964	18.75	13.8	29.87	36.75	29.06	53.16
China, Macao SAR	1965	21.08	17.47	22.47	33.02	34.4	60.06
China, Macao SAR	1966	19.88	24.35	30.23	30.51	40.41	65.03
China, Macao SAR	1967	18.73	18.41	20.52	27.15	31.38	51.95
China, Macao SAR	1968	17.66	15.81	17.42	26.28	39.31	61.11
China, Macao SAR	1969	32.49	17.95	19.37	24.64	35.78	60.04
China, Macao SAR	1970	22.93	19.81	20.92	20.76	43.66	66.28
China, Macao SAR	1971	24.94	29.36	22.51	28.32	44.22	75.24
China, Macao SAR	1972	26.04	25.43	23.28	31.65	55.01	83.15
China, Macao SAR	1973	30.9	27.85	22.24	27.23	53.06	82.8
China, Macao SAR	1974	24.75	32.58	32.66	29.4	62.21	80.39
China, Macao SAR	1975	21.63	32.59	21.55	29.62	43.09	72.92
China, Macao SAR	1976	26.03	36.62	25.1	31.8	52.82	97.86
China, Macao SAR	1977	30.25	28.98	28.23	33.84	64.9	91.33
China, Macao SAR	1978	33.18	40.21	29.22	36.08	54.39	95.75
China, Macao SAR	1979	28.88	39.61	34.62	34.33	91.81	95.65
China, Macao SAR	1980	42.34	39.57	35.73	34.2	112.58	108.02
China, Macao SAR	1981	62.49	40.35	32.18	27.65	120.13	130.97
China, Macao SAR	1982	51.07	28.66	35.02	26.07	83.19	148.7
China, Macao SAR	1983	54.84	24.12	37.23	34.6	81.61	134.67
China, Macao SAR	1984	61.51	27.64	36.65	33.54	101.12	135.83
China, Macao SAR	1985	60.41	20.1	34.66	34.91	94.84	131.19
China, Macao SAR	1986	61.74	17.21	33.77	35.58	90.21	144.99
China, Macao SAR	1987	71.32	19.96	34.05	37.96	65.54	141.87
China, Macao SAR	1988	74.06	17.72	31.73	39.61	62.17	137.61
China, Macao SAR	1989	77.3	23.02	31.62	43.52	80.52	147.42
China, Macao SAR	1990	92.84	35.74	29.68	43.71	81.94	168.46

China, Macao SAR	1991	124.51	29.3	30.69	45.22	106.88	184.56
China, Macao SAR	1992	113.83	24.7	29.61	36.78	103.33	183.2
China, Macao SAR	1993	88.33	18.71	28.65	41.21	101.52	173.99
China, Macao SAR	1994	96.72	18.05	29.35	37.97	114.18	173.61
China, Macao SAR	1995	84.74	21.91	26.42	44.61	113.48	165.72
China, Macao SAR	1996	115.31	24.09	29.43	42.61	104.72	168.66
China, Macao SAR	1997	118.79	24.23	29.52	43.38	96.5	151.24
China, Macao SAR	1998	86.21	18.99	28.6	40.66	92.5	146.88
China, Macao SAR	1999	81.89	23.55	28.34	41	90.33	120.63
China, Macao SAR	2000	79.38	19.21	31.17	40.43	93.85	124.3
China, Macao SAR	2001	93.17	20.05	33.21	37.87	109.82	130.53
China, Macao SAR	2002	100.48	16.48	36.21	40.29	119.33	124.55
China, Macao SAR	2003	102.32	17.53	37.13	40.63	151.25	133.41
China, Macao SAR	2004	103.28	22.43	37.12	38.6	144.22	189.09
China, Macao SAR	2005	102.56	28.94	37.69	42.02	144.42	152.38
China, Macao SAR	2006	104.68	23.45	39.68	38.9	155.92	183.34
China, Macao SAR	2007	112.29	28.2	38.37	40.54	174.44	254.45
China, Macao SAR	2008	111.7	25.51	40.76	39.44	165.64	187.16
China, Macao SAR	2009	102.44	21.53	38.75	41.62	151.81	161.7
China, Macao SAR	2010	106.77	25.9	38	44.61	159.71	150.18
China, Macao SAR	2011	114.32	30.75	42.84	33.27	163.24	172.44
China, Macao SAR	2012	119.33	26.31	41.79	32.56	153.23	190.79
China, Macao SAR	2013	115.77	25.44	40.97	36.92	150.8	191.92
China, Macao SAR	2014	112.411	24.90411	52.41096	40.93151	173.589	149.589
China, Macao SAR	2015	100.2192	24.65753	51.64384	38.19178	173.3425	146.0548
China, Macao SAR	2016	93.89041	23.94521	53.67123	38.0274	158.9589	151.8904
China, Macao SAR	2017	102.411	25.15068	49.78082	37.67123	156.5205	119.1233
China, mainland	1961	2.76	0.27	5.58	3.66	11.76	11.12
China, mainland	1962	3.61	0.27	5.53	4.03	12.01	10.43
China, mainland	1963	3.23	0.31	5.41	4.96	11.81	10.69
China, mainland	1964	3.28	0.34	5.48	5.67	11.24	10.79
China, mainland	1965	3.75	0.36	5.44	6.2	11.77	11.1
China, mainland	1966	4.07	0.38	5.48	6.34	11.46	11.31
China, mainland	1967	3.66	0.41	5.52	6.37	11.21	11.38
China, mainland	1968	3.92	0.4	5.47	6.16	11.3	11.5
China, mainland	1969	4.26	0.42	5.53	5.96	10.92	11.52
China, mainland	1970	4.54	0.45	5.55	6.21	10.52	11
China, mainland	1971	4.45	0.47	5.59	6.48	11.18	10.96
China, mainland	1972	4.73	0.53	5.62	6.62	11.95	12.42
China, mainland	1973	5.34	0.58	5.68	6.62	11.97	14.24
China, mainland	1974	5.53	0.58	5.79	6.69	12.83	13.87
China, mainland	1975	7.12	0.62	5.91	6.86	13.22	14.09
China, mainland	1976	7.17	0.7	6.04	6.53	13.37	14.08
China, mainland	1977	6.62	0.7	6.2	7.22	13.7	14.4
China, mainland	1978	8.06	0.74	6.39	7.94	12.95	16.18
China, mainland	1979	7.11	0.74	6.6	8.73	11.67	17.18
China, mainland	1980	12.32	0.85	6.88	10.41	12.05	16.24
China, mainland	1981	12.06	1.01	7.02	10.83	12.28	18.46
China, mainland	1982	13.7	1.12	7.43	12.09	13.71	17.79

China, mainland	1983	16.09	1.12	7.87	12.36	13.98	21.76
China, mainland	1984	18.05	1.08	10.14	13.57	15.78	22.28
China, mainland	1985	21.11	1.19	12.45	13.77	18.07	25.88
China, mainland	1986	25.5	1.18	12.65	14.39	21.13	29.69
China, mainland	1987	30.28	1.28	13.17	15.11	24.25	36.13
China, mainland	1988	33.71	1.33	15.27	14.78	26.4	34.92
China, mainland	1989	31.26	1.26	15.57	16.6	27.55	38.42
China, mainland	1990	33.07	1.29	16.93	18.46	28.69	38.84
China, mainland	1991	36.2	1.42	19.4	18.31	29.69	44.52
China, mainland	1992	40.5	1.68	21.15	17.73	33.59	48.4
China, mainland	1993	46.06	1.96	24.16	18.18	39.32	60.49
China, mainland	1994	49.59	2.22	30.05	19.81	47.3	69.24
China, mainland	1995	56.81	2.9	33.73	20.35	55.74	81.93
China, mainland	1996	54.72	3.01	39.28	19.4	60.59	90.53
China, mainland	1997	59.34	3.23	37.47	19.6	61.34	98.3
China, mainland	1998	57.52	4.87	39.65	20.23	63.54	101.55
China, mainland	1999	58.02	5.39	41.66	21.22	64.46	116.06
China, mainland	2000	59.92	5.81	42.3	22.15	66.7	116.44
China, mainland	2001	65.46	5.52	42.61	22.08	65.41	125.01
China, mainland	2002	67.82	5.93	43.45	22.98	68.36	129.04
China, mainland	2003	67.9	6.21	44.46	23.7	69.82	138.67
China, mainland	2004	77.37	6.5	44.91	24	72.94	152.91
China, mainland	2005	81.04	6.79	45.9	24.08	74.47	159.16
China, mainland	2006	89.56	7.07	45.37	26.32	76.75	169.07
China, mainland	2007	99.18	7.45	46.94	26.75	79.89	177.68
China, mainland	2008	102.9	7.57	49.8	25.33	83.16	187.79
China, mainland	2009	102.93	7.75	50.24	26.31	87.29	201.02
China, mainland	2010	107.97	7.88	50.33	25.99	90.09	211.96
China, mainland	2011	114.38	8.17	50.93	26.5	91.89	231.03
China, mainland	2012	112.81	8.52	51.42	25.39	96.88	251.86
China, mainland	2013	117.94	8.64	51.41	24.34	96.27	258.18
China, mainland	2014	115.2055	8.630137	51.31507	24.35616	99.89041	261.0137
China, mainland	2015	111.7808	9.013699	60.93151	24.9589	104.274	260.7397
China, mainland	2016	107.4521	9.013699	61.67123	23.80822	105.8082	264.3836
China, mainland	2017	105.3699	9.232877	62.71233	24.35616	106.411	269.3699
China, Taiwan Province of	1961	28.25	0.81	4.28	11.76	76.54	56.85
China, Taiwan Province of	1962	27.83	1.16	4.64	9.94	78.53	69.94
China, Taiwan Province of	1963	27.22	1.91	4.96	11.36	79.96	60.7
China, Taiwan Province of	1964	30.61	1.34	5.63	13.63	84.33	73.76
China, Taiwan Province of	1965	32.21	1.5	5.88	10.93	83.53	80.08
China, Taiwan Province of	1966	26.46	1.82	6.06	11.17	88.99	94.33
China, Taiwan Province of	1967	28.01	1.87	6.13	16.06	91.62	131.28
China, Taiwan Province of	1968	30.35	1.84	7.14	15.09	97.37	145.8
China, Taiwan Province of	1969	31.54	2.11	8.06	16.5	99.97	119.67
China, Taiwan Province of	1970	33.45	2.34	8.57	20.41	88.63	136.28
China, Taiwan Province of	1971	33.95	2.42	8.49	18.06	92.29	120.5
China, Taiwan Province of	1972	37.13	2.7	9.28	22.91	93.52	123.7
China, Taiwan Province of	1973	43.94	2.77	9.6	22.51	100.8	149.32
China, Taiwan Province of	1974	41.66	2.21	9.04	25.87	98.56	175.84

China, Taiwan Province of	1975	44.62	2.1	10.56	33.7	108.16	148.89
China, Taiwan Province of	1976	47.17	1.97	11.83	27.42	99.08	163.54
China, Taiwan Province of	1977	53.91	2.34	12.69	29.29	99.04	149.81
China, Taiwan Province of	1978	61.36	2.48	15.26	33.42	100.4	144.34
China, Taiwan Province of	1979	69.83	3.38	15.86	33.39	102.26	163.45
China, Taiwan Province of	1980	70.11	3.17	16.21	30.43	98.5	180.9
China, Taiwan Province of	1981	70	3.97	15.85	35.39	97.78	197.55
China, Taiwan Province of	1982	72.83	4.36	15.92	38.96	95.99	185.88
China, Taiwan Province of	1983	72.85	4.24	21.64	40.86	91.97	191.17
China, Taiwan Province of	1984	75.11	3.95	22.68	39.91	98.53	200.42
China, Taiwan Province of	1985	77.59	3.98	22.74	45.93	98.14	220.5
China, Taiwan Province of	1986	80.1	4.24	22.11	47.7	89.63	211.95
China, Taiwan Province of	1987	88.97	5.6	23.18	48.87	106.34	258.65
China, Taiwan Province of	1988	88.56	5.79	21.79	49.91	106.89	290.71
China, Taiwan Province of	1989	94.08	5.5	23.94	49.36	114.35	308.65
China, Taiwan Province of	1990	100.5	6.02	24.91	56.34	114.34	301.9
China, Taiwan Province of	1991	96.07	6.13	23.7	66.26	112.34	307.02
China, Taiwan Province of	1992	96.81	6.46	28.35	64.87	103.08	294.48
China, Taiwan Province of	1993	98.09	6.43	29.24	66.83	108.61	331.82
China, Taiwan Province of	1994	101.43	7.47	30.67	68.21	94.04	323.81
China, Taiwan Province of	1995	108.9	7.49	33.58	70.5	103.08	326.69
China, Taiwan Province of	1996	99.1	7.82	35.5	68.71	91.16	321.12
China, Taiwan Province of	1997	100.91	8.85	40.29	65.02	102.31	347.42
China, Taiwan Province of	1998	103.94	8.93	40.28	67.46	91.86	313.2
China, Taiwan Province of	1999	97.58	9.12	40.56	68.5	92.11	353.22
China, Taiwan Province of	2000	94.62	10.03	40.2	72.51	88.17	317.62
China, Taiwan Province of	2001	81.28	10.18	40.34	66.73	81.95	334.27
China, Taiwan Province of	2002	73.02	11.22	38.58	68.51	88.16	353.46
China, Taiwan Province of	2003	73.35	8.97	38.1	66.44	94.48	357.06
China, Taiwan Province of	2004	69.42	9.55	37.25	68.88	78.53	344.93
China, Taiwan Province of	2005	67.2	10.02	34.16	69.74	81.97	313.11
China, Taiwan Province of	2006	71.72	10.18	35.33	66.7	77.81	339.62
China, Taiwan Province of	2007	71.12	9.77	35.86	65.58	92.07	325.99
China, Taiwan Province of	2008	67.54	7.13	36.69	66.93	87.64	315.39
China, Taiwan Province of	2009	84.47	9.92	34.09	68.06	80.21	300.43
China, Taiwan Province of	2010	90.25	11.17	35.82	67.09	83.38	327.63
China, Taiwan Province of	2011	91.35	10.77	35.08	65.14	91.6	338.1
China, Taiwan Province of	2012	95.56	10.58	35.77	64.47	98.35	322.19
China, Taiwan Province of	2013	91.71	11.08	35.83	64.81	98.1	320.83
China, Taiwan Province of	2014	94.84932	9.09589	35.64384	67.56164	91.67123	297.4247
China, Taiwan Province of	2015	95.0137	8.630137	37.72603	67.64384	88.13699	279.5342
China, Taiwan Province of	2016	93.94521	7.890411	39.53425	65.67123	82.52055	263.3973
China, Taiwan Province of	2017	93.26027	8.630137	38.24658	67.0411	82.32877	297.2603
Colombia	1961	111.08	12.99	6.61	12.38	6.93	255.55
Colombia	1962	109.13	15.21	6.42	13.92	8.05	254.76
Colombia	1963	106.7	13.67	6.23	11.29	7.28	249.3
Colombia	1964	104.76	12.97	6.05	11.98	7.54	249.75
Colombia	1965	105.81	12.38	5.86	10.92	7.66	246.68
Colombia	1966	96.87	10.77	5.69	11.06	8.25	244.16



Colombia	1967	85.81	10.97	5.52	11.66	11.19	260.5
Colombia	1968	80.95	11.08	5.37	13.12	9.99	245.95
Colombia	1969	89.23	11.01	5.22	13.36	7.71	256.03
Colombia	1970	94.42	10.98	5.08	14.39	6.95	264.19
Colombia	1971	97.58	11.12	7.15	15.15	5.31	246.96
Colombia	1972	99.7	11.03	7.68	16.38	13.76	251.03
Colombia	1973	98.36	10.23	9.33	16.24	13.51	262.53
Colombia	1974	103.28	11.38	9.34	19.06	8.64	252.82
Colombia	1975	101.54	11.59	10.22	16.73	7.98	265.58
Colombia	1976	100.15	9.18	10.76	18.78	8.98	261.38
Colombia	1977	99.93	11.41	13.39	20.18	8.47	255.99
Colombia	1978	98.39	11.44	13.69	19.18	10.41	264.26
Colombia	1979	95.72	11.62	15.43	19.4	8.95	266.84
Colombia	1980	93.61	10.93	14.78	20.89	10.11	267.61
Colombia	1981	93.32	11.5	14.58	24.54	12.01	263.34
Colombia	1982	94.88	9	14.35	23	10.18	227.82
Colombia	1983	99.93	8.64	14.3	24.24	6.65	247.11
Colombia	1984	96.56	8.02	14.51	24.13	9.85	222.92
Colombia	1985	100.25	6.21	14.71	24.84	8.36	226.08
Colombia	1986	97.94	7.03	14.35	24.9	10.13	235.31
Colombia	1987	102.13	5.9	14.56	27.11	9.16	249.13
Colombia	1988	105.27	6.57	14.64	26.62	8.81	250.97
Colombia	1989	99.68	5.37	14.99	26.07	7.52	266.44
Colombia	1990	112.05	6.19	15.4	26.22	8.01	225.22
Colombia	1991	86.56	6.1	15.64	26.53	6.83	241.69
Colombia	1992	58.12	6.64	16.97	31.09	8.36	298.16
Colombia	1993	96.79	7.19	18.1	35.12	10.45	279.65
Colombia	1994	85.13	6.64	18.52	39.78	8.19	269.65
Colombia	1995	90.26	5.96	19.1	39.88	13.01	302.52
Colombia	1996	84.6	3.57	19.95	40.38	13.15	266.59
Colombia	1997	83.7	3.1	21.09	39.79	13.92	274.55
Colombia	1998	81.19	3.43	21.53	40.47	13.91	238.98
Colombia	1999	75.85	2.43	21.18	37.6	11.97	306.07
Colombia	2000	102.07	3.36	21.53	41.57	13.25	330.9
Colombia	2001	104.36	3.34	23.5	39.17	14.23	336.87
Colombia	2002	91.35	3.9	21.87	38.29	14.02	340.99
Colombia	2003	109.77	5.55	23.82	37.82	15.01	334.98
Colombia	2004	112.68	5.03	23.18	37.06	14.21	341.12
Colombia	2005	114.88	4.54	25.23	38.14	15.61	337.78
Colombia	2006	119.78	4.86	26.4	38.2	16.33	376.22
Colombia	2007	119.62	3.2	23.81	38.48	16.56	373.14
Colombia	2008	122.4	2.36	24.88	38.83	15.12	369.81
Colombia	2009	121.87	1.51	27.44	37.08	15.12	341.74
Colombia	2010	115.66	2.99	27.2	41.21	15.2	361.23
Colombia	2011	118.73	3.6	29.74	41.46	16.35	343.55
Colombia	2012	122.98	4.68	29.01	41.16	17.28	367.02
Colombia	2013	121.62	4.75	29.54	42.24	17.05	404.96
Colombia	2014	125.863	4.438356	32.32877	45.23288	20.49315	456.3562
Colombia	2015	133.9178	3.780822	33.39726	41.67123	20.19178	503.1233

Colombia	2016	138.411	2.328767	34.43836	40.73973	19.94521	497.2877
Colombia	2017	133.6712	0.328767	35.0411	42.93151	19.64384	494.8219
Congo	1961	65.34	0.57	0.91	20.43	75.29	128.31
Congo	1962	54.5	0.61	0.85	21.82	64.1	127.62
Congo	1963	44.37	0.64	0.81	23.96	66.63	129.2
Congo	1964	49.47	0.59	0.73	23.91	76.75	128.05
Congo	1965	42.07	0.94	0.67	24.94	67.07	126.71
Congo	1966	43.74	0.5	0.62	26.61	69.97	130.09
Congo	1967	50.81	0.35	0.61	30.6	67.57	127.95
Congo	1968	55.14	0.39	0.62	30.65	70.03	125.74
Congo	1969	57.55	0.42	0.65	30.15	71.82	127.39
Congo	1970	52.45	0.37	0.65	28.08	59.11	128.03
Congo	1971	56.13	0.37	0.7	26.02	54.63	127.29
Congo	1972	59.24	0.3	0.77	26.65	75.2	139.14
Congo	1973	68.05	0.28	0.74	25.31	62.25	141.11
Congo	1974	70.05	0.38	0.71	24.66	53.03	129.65
Congo	1975	96.48	0.42	0.71	26.87	66.15	132.29
Congo	1976	91.81	0.46	0.97	27.92	65.12	133.06
Congo	1977	89.27	0.97	1.22	28.79	57.47	130.25
Congo	1978	99.16	0.87	1.18	26.5	73.56	129.82
Congo	1979	89.32	0.67	1.42	26.98	76.44	135.41
Congo	1980	94.42	1.2	1.29	27.9	74.73	156.2
Congo	1981	109.06	0.4	0.92	26.87	69.84	157.19
Congo	1982	113.41	0.58	0.99	30.66	74.92	144.53
Congo	1983	129.54	0.72	0.98	32.29	86.67	146.2
Congo	1984	142.1	0.55	0.95	34.87	102.13	145.47
Congo	1985	132.94	0.75	0.97	30.47	103.43	140.16
Congo	1986	127.56	0.86	1.08	28.63	96.81	139.92
Congo	1987	104.89	0.56	1.1	32.14	95.77	142.78
Congo	1988	98.5	0.53	0.96	32.11	93.17	137.29
Congo	1989	79.19	0.34	0.91	30.98	91.64	132.91
Congo	1990	69.28	0.31	0.93	25.67	91.2	141.33
Congo	1991	80.61	0.27	1.16	32.5	86.89	143.01
Congo	1992	81.58	0.41	1.32	34.86	84.64	144.8
Congo	1993	84.78	0.47	1.36	29.47	88.12	144.54
Congo	1994	59.66	0.33	0.93	29.7	72.55	144.74
Congo	1995	55.64	0.5	0.87	28.92	61.11	160.48
Congo	1996	54.9	0.33	1.33	32.6	62.89	173.19
Congo	1997	39.2	0.46	1.07	32.04	56.78	172.44
Congo	1998	50.44	0.36	1.76	31.85	54.86	227.32
Congo	1999	49.18	0.26	1.16	36.93	52.74	183.47
Congo	2000	55.49	0.26	1.43	38.32	54.89	182.75
Congo	2001	54.48	0.22	1.93	41.65	65.11	181.13
Congo	2002	60.92	0.48	2.3	42.51	54.72	170.47
Congo	2003	59.23	1.4	1.64	38.81	54.03	163.93
Congo	2004	60.66	0.76	2.14	36.28	63.56	162.96
Congo	2005	52.41	0.48	1.63	32.92	56.31	162.15
Congo	2006	59.78	0.48	1.35	35.89	55.04	165.14
Congo	2007	72.3	1.04	1.33	33.77	51.66	164.86

Congo	2008	67.27	0.95	1.19	29.04	59.73	169.91
Congo	2009	95.27	0.71	1.37	27.79	62.38	167.48
Congo	2010	96.42	0.48	1.34	28.74	55.73	168.71
Congo	2011	107.16	0.82	2.02	28.22	63.9	170.86
Congo	2012	94.46	0.68	1.61	27.17	69.15	172.04
Congo	2013	108.59	0.66	1.63	28.31	72.5	180.93
Congo	2014	183.9452	0.60274	1.616438	25.53425	76.54795	144.3014
Congo	2015	184.7945	0.767123	1.945205	25.94521	68.9863	140.1096
Congo	2016	175.6986	0.630137	1.643836	24.82192	75.80822	139.863
Congo	2017	166.3288	0.794521	1.534247	24.43836	80.38356	136.1918
Costa Rica	1961	28.83	4.32	14.4	23.23	5.46	236.24
Costa Rica	1962	26.12	3.7	14.47	24.78	5.85	234.96
Costa Rica	1963	28.85	3.98	14.74	25.82	6.65	235.27
Costa Rica	1964	28.44	3.71	15.2	25.27	8.01	238.45
Costa Rica	1965	29.69	10.29	15.6	25.55	7.42	246.15
Costa Rica	1966	31.55	10.34	19.9	25.12	7.19	249.27
Costa Rica	1967	27.4	10.74	19.92	24.73	7.17	250.83
Costa Rica	1968	28.07	11.22	19.9	24.9	9.03	256.62
Costa Rica	1969	29.05	11.51	19.95	26.18	6.1	261.52
Costa Rica	1970	29.33	11.95	20.02	25.58	11.27	266.57
Costa Rica	1971	28.91	12.65	20.11	26.75	13.56	273.52
Costa Rica	1972	33.4	12.59	20.33	25.59	16.66	287.71
Costa Rica	1973	40.83	11.93	20.71	27.74	14.34	288.76
Costa Rica	1974	42.01	11.92	20.35	27.46	14.34	283.23
Costa Rica	1975	40.7	12.64	20	27.03	16.28	276.52
Costa Rica	1976	39.37	13.93	20.18	27.12	13.51	275.04
Costa Rica	1977	39.68	15.13	20.21	29.06	14.59	260.92
Costa Rica	1978	42.52	14.03	19.73	28.23	25.48	225.52
Costa Rica	1979	42.54	14.95	19.75	28.5	19.94	236.93
Costa Rica	1980	41.5	18.13	18.95	28.19	19.18	220.65
Costa Rica	1981	40.59	19.06	18.25	28.32	14.61	213.51
Costa Rica	1982	40.28	16.88	18.04	31.73	9.56	201.61
Costa Rica	1983	40.01	19.67	13.5	28.77	10.04	210.6
Costa Rica	1984	42.61	18.43	11.88	26.18	15.13	198.07
Costa Rica	1985	42.88	16.41	11.8	30.55	15.81	234.57
Costa Rica	1986	51.95	15.49	16.51	34.78	16.89	243.82
Costa Rica	1987	48.44	14.45	20.08	36.13	12.61	245.36
Costa Rica	1988	56.59	16.99	22.06	36.78	9.55	244.25
Costa Rica	1989	53.15	17.47	22.68	34.72	11.52	433.12
Costa Rica	1990	56.24	15.96	26.6	39.27	15.52	416.93
Costa Rica	1991	60.71	13.9	29.38	40.25	12.08	422.35
Costa Rica	1992	49.61	21.69	30.4	42.38	11.01	476.23
Costa Rica	1993	51.69	21.75	31.58	40	16.42	416.66
Costa Rica	1994	58.43	15.97	30.73	40.08	13.48	445.89
Costa Rica	1995	56.96	12.52	36.44	42.11	14.29	286.01
Costa Rica	1996	55.28	12.76	29.91	43.74	11.36	376.69
Costa Rica	1997	55.59	13.48	31.36	38.46	13.83	380.42
Costa Rica	1998	55.61	13.9	25.96	37.96	15.09	352.71
Costa Rica	1999	54.35	17.98	24.74	38.98	18.02	462.33

Costa Rica	2000	55.59	15.77	24.85	40.12	11.84	436.74
Costa Rica	2001	56.64	12.58	27.61	40.27	11.15	465.86
Costa Rica	2002	56.32	12	27.89	41.39	16.52	434.26
Costa Rica	2003	54.95	6.13	26.32	40.63	19.99	335.37
Costa Rica	2004	55.22	11.09	27.69	44.51	21.96	235.84
Costa Rica	2005	50.7	8.13	25.12	45.35	20.99	419.47
Costa Rica	2006	68.63	2.65	24.42	45.96	21.99	440.48
Costa Rica	2007	69.03	11.43	20.59	48.34	27.82	278.56
Costa Rica	2008	64.55	6.54	26.63	47.59	28.35	238.99
Costa Rica	2009	65.01	9.18	25.9	47.53	30.19	239.55
Costa Rica	2010	62.56	17.87	26.41	47.64	30.02	296.3
Costa Rica	2011	66.75	19.76	26.01	48.98	36.23	340.58
Costa Rica	2012	58.07	7.83	25.89	49.81	36.16	389.59
Costa Rica	2013	62.41	7.48	28.89	49.42	35.4	369.22
Costa Rica	2014	65.72603	16.38356	26.73973	44.65753	38.93151	286.5753
Costa Rica	2015	67.47945	10.05479	26.82192	45.34247	40.41096	401.2877
Costa Rica	2016	62.27397	12.19178	28.93151	47.34247	45.39726	412.4384
Costa Rica	2017	64.16438	12.41096	28.79452	56.05479	50.63014	364.3562
Cote d'Ivoire	1961	32.08	26.98	0.91	12.45	40.42	330.49
Cote d'Ivoire	1962	22.35	26.07	0.91	13.06	37.37	360.57
Cote d'Ivoire	1963	25.96	33.67	0.92	12.81	38.38	335.26
Cote d'Ivoire	1964	33.44	30.37	0.91	14.56	41.04	340.84
Cote d'Ivoire	1965	28.06	31.95	0.84	13.89	45.36	338.81
Cote d'Ivoire	1966	30.19	28.17	0.89	16.25	45.8	336.95
Cote d'Ivoire	1967	25.92	29.24	0.88	14.04	46.1	332.4
Cote d'Ivoire	1968	29.8	28.98	0.87	20.09	46.08	323.25
Cote d'Ivoire	1969	24.84	26.23	0.87	18.03	46.54	316.57
Cote d'Ivoire	1970	24.3	22.96	0.89	20.01	45.8	311.82
Cote d'Ivoire	1971	35.43	19.87	0.91	20.52	51.21	312.28
Cote d'Ivoire	1972	40.16	16.28	0.95	22.97	50.01	305.94
Cote d'Ivoire	1973	42.59	15.45	0.95	20.47	48.26	288.33
Cote d'Ivoire	1974	46.63	17.19	1	21.87	64.01	293
Cote d'Ivoire	1975	48.53	16.49	1.13	23.03	59.12	444.05
Cote d'Ivoire	1976	55.17	23.64	1.38	23.67	59.72	418.49
Cote d'Ivoire	1977	66.87	21.42	1.62	27.96	45.51	385.69
Cote d'Ivoire	1978	69.4	20.33	1.91	28.18	45.08	401.86
Cote d'Ivoire	1979	70.17	77.85	2.07	29.36	53.58	392.06
Cote d'Ivoire	1980	74.92	70	2.58	31.39	48.78	307.84
Cote d'Ivoire	1981	67.52	51.54	3.27	34.26	54.91	300.73
Cote d'Ivoire	1982	61.54	48.32	2.34	34	48.26	290.83
Cote d'Ivoire	1983	56.14	58.11	2.69	34.2	40.51	246.29
Cote d'Ivoire	1984	49.71	58.53	2.72	37.31	41.6	270.39
Cote d'Ivoire	1985	53.03	60.36	2.11	37.38	49.13	267.43
Cote d'Ivoire	1986	48	58.43	2.88	35.78	53.62	259.1
Cote d'Ivoire	1987	43.95	56.59	3.06	27.2	52.69	250.69
Cote d'Ivoire	1988	42.02	59.95	2.58	26.1	61.94	242.34
Cote d'Ivoire	1989	40.17	57.83	2.03	29.39	58.62	237.93
Cote d'Ivoire	1990	32.89	56.23	2.42	29.76	51.92	232.55
Cote d'Ivoire	1991	32.52	58.56	2.1	29.67	42.62	244.94

Cote d'Ivoire	1992	31.93	59.07	2.79	29.45	45.78	245.89
Cote d'Ivoire	1993	33.84	59.08	2.7	25.53	39.96	244.93
Cote d'Ivoire	1994	28.94	56.83	2.57	30.17	34.18	271.6
Cote d'Ivoire	1995	44.39	58.75	2.52	31.54	37.53	262.88
Cote d'Ivoire	1996	46.27	57.53	2.53	35.2	37.46	253.7
Cote d'Ivoire	1997	38.11	63.13	3.61	36.39	35.4	282.86
Cote d'Ivoire	1998	40.53	62.06	6.03	33.38	40.44	286.28
Cote d'Ivoire	1999	38.92	67.27	5.36	35.23	49.29	267.03
Cote d'Ivoire	2000	35.4	65.87	4.98	35.26	35.98	254.79
Cote d'Ivoire	2001	46.05	73.95	5.12	36.56	39.68	206.03
Cote d'Ivoire	2002	54.36	75.77	5.21	37.51	38.57	238.98
Cote d'Ivoire	2003	49.51	76.04	4.59	38.74	41.94	234.31
Cote d'Ivoire	2004	54.52	77.27	5.29	37.12	36.93	235.54
Cote d'Ivoire	2005	51.16	78.02	3.99	37.8	42.05	240.9
Cote d'Ivoire	2006	47.59	75.23	3.81	36.16	40.88	229.73
Cote d'Ivoire	2007	44.35	73.94	3.33	37.1	40.19	222.95
Cote d'Ivoire	2008	50.82	74.13	3.95	30.89	47.57	231.38
Cote d'Ivoire	2009	52	74.97	3.8	34.3	52.42	206.05
Cote d'Ivoire	2010	55.54	74.23	3.95	30.97	49.53	213.19
Cote d'Ivoire	2011	63.19	70.75	4.02	36.54	49.71	212.82
Cote d'Ivoire	2012	53.84	69.11	4.84	35.19	43.43	210.36
Cote d'Ivoire	2013	49.19	66.79	5.35	36.24	42.42	218.99
Cote d'Ivoire	2014	57.61644	9.287671	4.958904	30.49315	45.26027	191.5068
Cote d'Ivoire	2015	36.87671	10.10959	5.753425	30.38356	50.32877	187.4795
Cote d'Ivoire	2016	36.38356	9.452055	5.753425	29.91781	50.49315	179.3973
Cote d'Ivoire	2017	42.24658	11.67123	5.616438	31.61644	49.20548	176.5753
Croatia	1992	260.28	4.25	27.11	33.12	7.15	164.13
Croatia	1993	254.01	4.02	26.62	29.6	4.35	189.2
Croatia	1994	280.73	5.24	26.47	31.08	6.7	214.74
Croatia	1995	280.42	9.52	25.95	34.86	7.65	255.64
Croatia	1996	289.65	9.45	28.75	35.54	9.37	266.88
Croatia	1997	333.32	12.31	26.41	37.83	9.27	230.28
Croatia	1998	338.91	8.76	28.14	34.89	11.77	234.17
Croatia	1999	333.62	11.78	27.56	39.9	11.39	242.11
Croatia	2000	345.61	11.57	26.92	42.26	19.92	229.8
Croatia	2001	357.53	12.05	27.48	41.75	29.36	234.8
Croatia	2002	347.9	12.98	26.81	43.13	38.86	232.5
Croatia	2003	351.39	13.87	30.51	39.11	40.24	252.55
Croatia	2004	348.24	14.8	28.27	49.48	37.55	234.64
Croatia	2005	305.23	15.22	29.39	54.34	47.67	212.34
Croatia	2006	280.65	16.31	30.06	60.57	49.34	273.78
Croatia	2007	295.33	16.29	30.37	61.39	44.94	301.17
Croatia	2008	280.38	15.87	29.45	61.5	54.36	300.14
Croatia	2009	269.78	15.25	30.15	50.77	51.08	318
Croatia	2010	255.5	15.88	27.31	42.19	48.94	309.3
Croatia	2011	277.08	15.61	26.01	43.13	53.73	316.69
Croatia	2012	261.44	15.43	22.18	52.47	50.93	279.22
Croatia	2013	260.51	16.74	23.22	54.89	52.24	317.46
Croatia	2014	267.2603	12.76712	20.60274	24.19178	49.45205	208.8767

Croatia	2015	270.4384	12.93151	19.61644	22.9863	46.16438	242.8767
Croatia	2016	274.3288	12.43836	23.0137	26.32877	46.65753	194.1918
Croatia	2017	278.274	13.72603	22.08219	24.76712	51.36986	205.2603
Cuba	1961	58.02	11.99	8.87	28.59	20.19	112.44
Cuba	1962	39.09	15.45	9.84	26.43	17.78	107.58
Cuba	1963	37.53	11.88	10.76	30.67	27.74	120.21
Cuba	1964	42.79	10.89	11.71	33.99	35.26	116.83
Cuba	1965	40.21	7.96	13.01	32.87	26	120.77
Cuba	1966	43.38	8.9	14.17	34.79	32.31	123.24
Cuba	1967	51.04	9.52	16.33	34.51	43.68	110.97
Cuba	1968	32.99	7.42	16.32	35.62	37.81	127.32
Cuba	1969	25.97	12.25	17.33	36.91	38.56	109.96
Cuba	1970	38.36	10.96	18.49	37.12	41.68	86.6
Cuba	1971	46.9	9.27	19.19	39.88	53.42	94.47
Cuba	1972	58.98	9.69	19.35	39.08	48.21	126.9
Cuba	1973	62.24	9.65	19.93	40.42	54.79	133.05
Cuba	1974	61.47	10.17	21.06	42.03	56.18	127.45
Cuba	1975	71.21	11.19	21.96	45.98	57.71	115.02
Cuba	1976	69.22	9.77	21.3	42.75	55.59	121.82
Cuba	1977	68.69	7.27	21.23	42.55	48.87	136.46
Cuba	1978	73.25	6.07	21.94	45.41	45.94	133.04
Cuba	1979	71.98	6.31	22.78	41.83	34.19	129.82
Cuba	1980	73.68	4.43	26.29	46.86	48.93	164.7
Cuba	1981	70.95	4.18	24.82	48.97	50.24	154.43
Cuba	1982	78.66	3.55	24.5	48.58	50.67	156.4
Cuba	1983	83.03	3.06	26.87	46.39	54.13	173.8
Cuba	1984	84.24	3.41	27.03	47.51	49.44	181.8
Cuba	1985	88.42	3.2	26.43	48.67	56.49	193.73
Cuba	1986	93.11	3.89	25.96	47.34	55.9	182.54
Cuba	1987	102.99	3.35	25.62	47.28	57.24	191.97
Cuba	1988	103.46	4.62	24.43	47.41	57.07	225.55
Cuba	1989	102.74	4.42	24.69	47.53	48.91	191.47
Cuba	1990	67.53	3.61	28.37	51.83	49.28	252.82
Cuba	1991	45.53	2.88	29.76	44.66	38.49	248.29
Cuba	1992	62.63	2.53	24.29	29.79	34.74	310.16
Cuba	1993	45.76	1.98	15.66	30.54	37.71	250.58
Cuba	1994	48.34	2.21	16.08	29.26	33.89	236.09
Cuba	1995	50.28	2.39	14.99	20.86	37.65	270.97
Cuba	1996	53.3	2.43	13.66	19.62	36.73	326.69
Cuba	1997	50.87	3.87	15.72	20.22	33.46	332.55
Cuba	1998	63.92	2.11	13.59	21.65	32.19	341.06
Cuba	1999	69.98	5.46	17.07	18.68	27.13	333.82
Cuba	2000	71.63	3.1	16.82	22.33	31.1	418.03
Cuba	2001	72.83	2.97	14.74	20.34	28.27	475.61
Cuba	2002	75.63	2.95	17.84	21.71	17.61	384.11
Cuba	2003	75.22	3.16	17.91	17.42	23.06	527.51
Cuba	2004	71.66	3.87	17.6	24.25	26.33	529.56
Cuba	2005	74.91	6.5	20.75	27.24	22.98	407
Cuba	2006	76.03	4.09	23.35	25.45	18.86	434.63

Cuba	2007	81.03	7.09	23.51	21.91	24.26	464.36
Cuba	2008	87.74	9.35	23.52	11.17	25.2	405.09
Cuba	2009	82.43	5.93	24.36	17.31	22.09	390.68
Cuba	2010	88.56	6.34	24.38	19.86	15.77	411.21
Cuba	2011	87.67	4.68	26.24	21.5	15.09	431.79
Cuba	2012	86.98	3.77	25.52	21.8	15.02	442.11
Cuba	2013	90.98	4.57	26.9	22.53	15.25	394
Cuba	2014	91.20548	4.794521	24.71233	24.65753	17.23288	375.7808
Cuba	2015	94.49315	3.534247	22.41096	24.35616	18.76712	413.6986
Cuba	2016	93.69863	3.753425	23.36986	24.76712	17.12329	441.2055
Cuba	2017	95.12329	3.205479	24.35616	25.91781	15.58904	430.6849
Cyprus	1961	60.45	6.17	14.23	40.07	15.7	365.56
Cyprus	1962	51.71	4.83	15.04	32.35	17.06	322.73
Cyprus	1963	63.08	7.91	15.07	31.2	20.62	184.35
Cyprus	1964	64.88	4.72	16.04	36.65	19.64	375.33
Cyprus	1965	71.55	3.08	18.44	41.06	19.36	414.31
Cyprus	1966	60.14	6.72	18.99	38.95	19.72	478.1
Cyprus	1967	68.38	6.3	19.81	45.86	22.77	483.26
Cyprus	1968	61.7	6.42	21.75	43.86	22.28	599.59
Cyprus	1969	68.34	8.29	20.72	46.74	21.98	703.69
Cyprus	1970	69.71	6.19	21.4	45.4	19.16	679.18
Cyprus	1971	74.94	5.54	20.82	49.02	20.52	646.59
Cyprus	1972	80.75	7.17	21.96	47.73	19.97	568.97
Cyprus	1973	86.91	10.35	20.78	56.05	22.16	415.79
Cyprus	1974	74.82	3.91	18.04	33.02	13.87	438.87
Cyprus	1975	70.29	6.04	16.12	46.18	21.08	528.97
Cyprus	1976	68.02	5.97	17.74	30.33	14.31	484.84
Cyprus	1977	75.31	4.24	17.1	33.92	18.2	426.52
Cyprus	1978	84.17	5.75	17.88	43.55	25.31	464.74
Cyprus	1979	92.26	7.92	15.06	47.52	18.37	491.49
Cyprus	1980	94.65	7.3	14.85	43.22	20.64	501.71
Cyprus	1981	102.74	7.36	17.96	36.61	20.89	606.67
Cyprus	1982	109.87	6.84	16.69	52.69	29.66	580.18
Cyprus	1983	118.47	9.38	15.73	39.48	27.17	608.34
Cyprus	1984	120.54	8.26	18.71	42.48	29.99	651.14
Cyprus	1985	128.01	11.07	16.58	39.73	34.39	682.84
Cyprus	1986	129.16	4.66	16.01	53.35	34.77	279.19
Cyprus	1987	129.68	9.26	19.13	40.87	44.1	366.4
Cyprus	1988	134.94	9.49	18.51	45.88	39.87	271.1
Cyprus	1989	142.09	6.18	23.18	40.17	41.06	331.39
Cyprus	1990	145.87	6.9	25.07	30.67	40.82	396.26
Cyprus	1991	141.26	6.84	23.39	47.49	40.44	302.45
Cyprus	1992	155.63	8.83	18.32	30.87	50.18	381.05
Cyprus	1993	143.25	10.19	22.59	36.91	44.09	350.58
Cyprus	1994	146.22	11.48	24.53	41.25	48.43	248.62
Cyprus	1995	141.13	10.86	25.12	33.47	54.15	308.67
Cyprus	1996	132.58	12.34	26.3	38.22	48.74	270
Cyprus	1997	130.41	9.92	22.93	40.06	49.27	298.94
Cyprus	1998	137.45	12.03	26.7	34.49	53.72	375.42

Cyprus	1999	134.95	12.07	25.71	32.59	53.19	372.06
Cyprus	2000	134.98	14.82	25.42	34.19	51.14	323.92
Cyprus	2001	140.03	12.94	26.54	36.41	52.87	276.19
Cyprus	2002	141.01	11.89	29.46	30.74	49.57	270.04
Cyprus	2003	151.76	11.73	32.67	34.49	48.07	253.79
Cyprus	2004	149.02	12.68	25.46	31.11	49.48	283.75
Cyprus	2005	146.02	13.31	22.17	36.8	52.6	291.56
Cyprus	2006	129.88	11.23	21.62	41.32	54.89	329.13
Cyprus	2007	136.96	14.45	22.59	37.07	59.95	319.85
Cyprus	2008	146.4	16.11	24.74	40.7	61.49	273.03
Cyprus	2009	136.56	18.53	23.34	45.97	59.96	273.16
Cyprus	2010	138.54	18.35	21.25	43.63	61.17	259.87
Cyprus	2011	138.82	18.38	23.75	47.44	61	284.4
Cyprus	2012	141.04	17.49	23.18	45.71	60.35	209.97
Cyprus	2013	138.11	17.88	24.61	48.12	59.72	187.06
Cyprus	2014	135.8082	11.61644	23.28767	45.47945	65.58904	220.4932
Cyprus	2015	129.5342	11.61644	20.76712	39.9726	63.17808	258.411
Cyprus	2016	121.6438	11.36986	20.73973	42.30137	64.52055	225.6164
Cyprus	2017	126.5205	11.61644	21.56164	44.30137	68.35616	238.3288
Czech Republic	1993	440.47	7.97	34.81	54.35	17.2	183.4
Czech Republic	1994	470.22	8.51	37.13	47.68	21.96	205.15
Czech Republic	1995	461.57	9.29	35.85	51.91	21.97	215.52
Czech Republic	1996	466.59	10.39	34.1	53.54	26.29	232.42
Czech Republic	1997	481.93	11.51	39.28	54.69	25.67	206.99
Czech Republic	1998	477.08	9.43	53.08	56.02	24.6	207.97
Czech Republic	1999	480.39	11.01	47.82	55.51	25.57	205.16
Czech Republic	2000	472.57	10.58	45.35	54.68	28.1	197.56
Czech Republic	2001	469.21	11.79	45.68	54.64	26.74	177.45
Czech Republic	2002	478.1	11.45	41.01	54.61	25.32	160.05
Czech Republic	2003	483.43	10.22	39.95	59.82	26.1	186.38
Czech Republic	2004	495.08	9.14	39.27	53.3	26.63	210.45
Czech Republic	2005	491.91	9.3	38.31	58.96	27.66	194.72
Czech Republic	2006	498.72	9.12	43.13	70.17	26.12	192.74
Czech Republic	2007	455.96	12.75	41.13	67.83	27.04	195.14
Czech Republic	2008	469.29	11.93	41.14	70.84	30.19	213.22
Czech Republic	2009	448.18	9.03	41.55	68.77	27.78	212.14
Czech Republic	2010	420.05	8.41	34.95	73.49	26.15	200.58
Czech Republic	2011	426.22	12.15	35.61	67.32	25.09	191.87
Czech Republic	2012	433.97	12.47	31.89	73.55	23.35	165.62
Czech Republic	2013	424.01	11.37	31.94	73.41	23.56	183.61
Czech Republic	2014	428.9041	9.39726	23.15068	55.12329	24.08219	140.6301
Czech Republic	2015	437.7808	9.479452	23.0137	48.13699	25.47945	156.6575
Czech Republic	2016	442.137	9.09589	23.53425	61.42466	24.46575	152.6301
Czech Republic	2017	466.3288	9.232877	23.64384	63.58904	25.56164	164.2466
Czechoslovakia	1961	310.15	7.93	25.58	47.42	17.74	127.69
Czechoslovakia	1962	321.82	5.62	25.84	48.83	18.87	92.22
Czechoslovakia	1963	340.16	5.49	27.32	46.76	22.08	120.98
Czechoslovakia	1964	369.16	5.43	28.43	44.93	19.96	108.24
Czechoslovakia	1965	388.43	5.8	32.43	47.21	19.98	117.68



Czechoslovakia	1966	396.38	6.62	33.04	46.51	20.12	143.96
Czechoslovakia	1967	391.15	5.66	35.14	45.78	20.61	113.5
Czechoslovakia	1968	405.52	6.04	35.29	46.64	21.31	129.36
Czechoslovakia	1969	425.67	6.49	37.73	45.05	23.26	135.3
Czechoslovakia	1970	428.14	6.21	39.67	43.91	20.17	131.82
Czechoslovakia	1971	447.08	6.46	40.6	44.36	20.7	104.12
Czechoslovakia	1972	448.98	6.02	41.96	44.22	20.59	110.53
Czechoslovakia	1973	445.32	5.58	42.05	44.52	21.02	131.78
Czechoslovakia	1974	440.3	5.87	42.1	43.32	20.02	141.79
Czechoslovakia	1975	444.44	6.43	42.84	42.89	20.16	134.62
Czechoslovakia	1976	435.09	6.5	42.54	42.26	18.86	137
Czechoslovakia	1977	423.38	6.15	44.53	42.61	16.78	133.88
Czechoslovakia	1978	407.8	6.1	44.5	42.73	15.88	149.68
Czechoslovakia	1979	425.32	6.77	44.65	41.96	12.9	131.94
Czechoslovakia	1980	428.33	7.13	45.35	43.54	12.24	156.03
Czechoslovakia	1981	436.67	7.61	45.21	45.88	13.43	132.3
Czechoslovakia	1982	448.74	8.3	46.5	38.51	13.17	182.32
Czechoslovakia	1983	452.18	8.9	47.3	47.83	11.69	177.68
Czechoslovakia	1984	429.82	8.33	48.29	48.07	15.32	153.85
Czechoslovakia	1985	408.2	9.06	49.06	49.75	15.26	158.01
Czechoslovakia	1986	424.05	8.33	49.35	51.27	18.53	170.03
Czechoslovakia	1987	402.52	8.66	49.4	51.31	19.23	153.92
Czechoslovakia	1988	413.51	9.47	50.27	53.16	20.55	163.24
Czechoslovakia	1989	413.78	9.43	48.63	53.16	19.26	181.62
Czechoslovakia	1990	423.25	9.99	47.02	56.17	17.89	157.8
Czechoslovakia	1991	404.14	7.89	43.27	49.87	14.66	154.85
Czechoslovakia	1992	394.1	8.92	42.41	51.55	14.87	152.81
Democratic People's Republic of Korea	1961	47.77	0	7.9	1.71	80.32	26.17
Democratic People's Republic of Korea	1962	46.76	0	8.07	1.93	80.31	26.79
Democratic People's Republic of Korea	1963	49.12	0	8.25	2.06	83.11	26.68
Democratic People's Republic of Korea	1964	45.43	0	9.27	2.15	80.8	27.71
Democratic People's Republic of Korea	1965	41.18	0	9.27	2.61	84.35	28.41
Democratic People's Republic of Korea	1966	35.74	0	9.18	2.94	88.04	29.47
Democratic People's Republic of Korea	1967	28.86	0	9.49	3.51	90.86	29.61
Democratic People's Republic of Korea	1968	25.65	0	9.41	3.98	90.72	29.39
Democratic People's Republic of Korea	1969	25.25	0	9.69	5.36	87.57	29.24
Democratic People's Republic of Korea	1970	24.95	0	9.54	4.09	73.15	30.38
Democratic People's Republic of Korea	1971	26.18	0	9.98	4.4	78.71	50.74
Democratic People's Republic of Korea	1972	24.38	0	10.38	4.39	83.11	58.05
Democratic People's Republic of Korea	1973	28.09	0	10.77	4.83	81.41	64.81
Democratic People's Republic of Korea	1974	29.05	0	10.83	4.74	92.5	73.68
Democratic People's Republic of Korea	1975	24.36	0	10.93	4.82	94.82	82.1
Democratic People's Republic of Korea	1976	21.87	0	11.67	5.04	101.1	95.1
Democratic People's Republic of Korea	1977	22.38	0	12.27	5.17	98.98	103.32
Democratic People's Republic of Korea	1978	25.26	0	13.87	6.42	103.13	112.46
Democratic People's Republic of Korea	1979	26.21	0	14.76	8.43	98.22	114.69
Democratic People's Republic of Korea	1980	28.69	0	15.4	9.07	89.55	118
Democratic People's Republic of Korea	1981	27.46	0	15.47	8.32	98.45	123.05
Democratic People's Republic of Korea	1982	27.35	0.2	15.64	9.6	100.15	127.22

Democratic People's Republic of Korea	1983	28.43	0.63	16.09	9.94	94.6	135.84
Democratic People's Republic of Korea	1984	30.23	1.51	16.52	10.79	94.26	143.1
Democratic People's Republic of Korea	1985	30.07	1.9	16.94	9.76	91.89	146.73
Democratic People's Republic of Korea	1986	30.12	0.37	17.63	11.45	96.94	152.06
Democratic People's Republic of Korea	1987	31.5	0.44	17.76	11.61	98.73	156.73
Democratic People's Republic of Korea	1988	31.26	1.77	17.76	11.43	86.07	156.97
Democratic People's Republic of Korea	1989	31.21	0.15	17.87	12.68	93.8	158.12
Democratic People's Republic of Korea	1990	32.26	0	18.27	14.03	65.29	159.65
Democratic People's Republic of Korea	1991	31.96	0.21	18.88	12.95	51.49	160.2
Democratic People's Republic of Korea	1992	30.64	0.33	14.28	10.89	47.03	159.67
Democratic People's Republic of Korea	1993	31.63	0.06	12.27	11.27	50.09	148.15
Democratic People's Republic of Korea	1994	38.47	0.11	10.82	11.22	49.18	157.55
Democratic People's Republic of Korea	1995	37.4	0.16	8.91	12.95	41.35	147.12
Democratic People's Republic of Korea	1996	35.01	0.26	10.58	10.62	35.91	164.3
Democratic People's Republic of Korea	1997	31.07	0.46	8.04	12.58	31.6	174.58
Democratic People's Republic of Korea	1998	27.38	0.16	9.41	11.38	29.98	146.99
Democratic People's Republic of Korea	1999	24.72	0.13	10.74	9.7	27.31	147.56
Democratic People's Republic of Korea	2000	25.22	0.2	12.33	13	26.57	144.3
Democratic People's Republic of Korea	2001	19.93	0.18	13.31	14.08	26.06	149.51
Democratic People's Republic of Korea	2002	22.79	0.62	14.29	13.23	22.23	149.65
Democratic People's Republic of Korea	2003	23.48	0.22	14.7	13.59	18.94	150.05
Democratic People's Republic of Korea	2004	22.29	0.19	14.8	14.11	17.49	162.17
Democratic People's Republic of Korea	2005	22.66	0.06	13.93	13.8	22.47	149.02
Democratic People's Republic of Korea	2006	24.01	0.77	11.68	12.86	25.15	147.92
Democratic People's Republic of Korea	2007	22.92	0.73	10.86	12.91	32	143.41
Democratic People's Republic of Korea	2008	21.65	0.71	11.25	13.87	31.48	147
Democratic People's Republic of Korea	2009	23.19	0.78	10.87	12.84	28.94	155.6
Democratic People's Republic of Korea	2010	22.41	0.72	11.87	12.69	25.57	157.78
Democratic People's Republic of Korea	2011	23.83	0.1	12.44	13.14	25.86	156.91
Democratic People's Republic of Korea	2012	22.82	0.1	12.89	14.69	25.72	159.21
Democratic People's Republic of Korea	2013	21.44	0.1	12.83	15.56	25.6	157.3
Democratic People's Republic of Korea	2014	25.12329	0.60274	13.15068	16.57534	29.15068	159.2877
Democratic People's Republic of Korea	2015	23.75342	0.082192	12.73973	16.71233	30.87671	160.4658
Democratic People's Republic of Korea	2016	23.09589	0.356164	12.68493	13.91781	31.39726	162.2466
Democratic People's Republic of Korea	2017	24.24658	0.383562	12.60274	17.80822	31.23288	165.6712
Denmark	1961	219.25	28.67	28.66	75.53	45.24	139.67
Denmark	1962	221.22	30.07	31.29	70.28	48.03	169.04
Denmark	1963	227.53	33.62	34.81	69.52	49.54	164.88
Denmark	1964	244.5	30.71	35.48	72.97	50.8	180.3
Denmark	1965	236.95	30.99	34.74	72.87	50.58	182.92
Denmark	1966	260.11	32.64	34.92	67.47	52.97	186.89
Denmark	1967	268.49	32.3	33.89	66.81	54.84	192.08
Denmark	1968	275.97	34.4	33.17	78.07	56.4	186.16
Denmark	1969	300.04	37.65	32.25	78.71	61.17	184.83
Denmark	1970	321.01	36.68	32.72	83.74	57.96	192.13
Denmark	1971	341.6	36.8	30.6	88.3	54.19	178.65
Denmark	1972	360.84	38.02	31.14	78.15	58.02	173.03
Denmark	1973	384.55	36.51	29.58	77.66	60.98	192.37
Denmark	1974	375.44	34.83	31.45	70.62	59.66	177.45

Denmark	1975	397.99	38.46	31.9	69.83	54.54	181.77
Denmark	1976	405.29	37.63	32.41	58.25	56.46	196.52
Denmark	1977	408.82	29.53	33.17	64.96	57.1	198.16
Denmark	1978	393.08	33.24	35.32	58.23	55.28	177.18
Denmark	1979	403.21	32.8	36.05	58.91	55.54	177.59
Denmark	1980	407.14	32.46	36.99	61.72	57.19	163.38
Denmark	1981	415.09	34.52	38.77	65.23	57.85	141.58
Denmark	1982	425.57	32.88	39.49	54.82	57.01	136.69
Denmark	1983	425.95	32.56	38.91	49.87	57.83	145.38
Denmark	1984	415.59	32.06	39.57	47.84	57.35	152.72
Denmark	1985	409.93	32.34	40.73	49.08	57.31	172.85
Denmark	1986	408.98	32.29	40.39	41.66	59.27	203.17
Denmark	1987	399.3	31.6	41.26	46.87	59.12	212.94
Denmark	1988	397.39	30.72	40.91	55.35	61.54	210.04
Denmark	1989	402.78	30.95	39.34	50.71	63.36	210.57
Denmark	1990	414.46	29.27	38.61	45.74	62.23	210.7
Denmark	1991	417.97	30.38	39.9	59.03	61.89	209.77
Denmark	1992	407.8	31.72	42.18	73.29	65.95	207.1
Denmark	1993	398.57	29.59	41.73	70.4	65.09	182.34
Denmark	1994	404.23	30.32	43.32	68.53	70.41	169.47
Denmark	1995	404.35	25.05	44.17	69.67	69.98	185.73
Denmark	1996	407.63	29.09	37.44	65.24	63.9	204.06
Denmark	1997	404.99	26.75	43.5	64.51	64.24	258.11
Denmark	1998	380.35	28.84	42.46	64.23	62.75	213.12
Denmark	1999	369.6	29.01	40.16	72.59	62.7	262.59
Denmark	2000	366.4	26.31	37.62	71.09	61.61	286.87
Denmark	2001	364.77	28.92	44.48	67.27	59	261.57
Denmark	2002	359.08	26.32	44.73	58.44	56.4	455.22
Denmark	2003	359.62	23.81	47.67	61.37	62.95	383.26
Denmark	2004	338.23	27.04	54.55	64.19	63.44	374.05
Denmark	2005	330.19	26.37	51.94	57.45	67.06	378.07
Denmark	2006	323.61	26.26	53.29	56.27	63.18	353.02
Denmark	2007	316.64	25.21	51.98	52.11	60.64	310.73
Denmark	2008	300.87	31.65	51.64	54.08	60.91	310.14
Denmark	2009	283.04	27.48	46.09	58.63	63.65	340.59
Denmark	2010	273.35	32.82	45.17	54.22	63.25	280.74
Denmark	2011	275.42	27.51	41.66	56.97	63.14	276.9
Denmark	2012	254.54	28.49	41.66	56.24	62.61	348.9
Denmark	2013	255.42	29.57	42.05	56.21	63.5	339.39
Denmark	2014	258.0822	24.13699	43.56164	35.50685	62.9863	168.0822
Denmark	2015	263.1507	21.83562	42.68493	33.23288	62.76712	172.3836
Denmark	2016	249.4521	24.08219	42.21918	31.9726	62.49315	166.3288
Denmark	2017	257.2055	21.83562	43.26027	30.9589	62.27397	166.6575
Djibouti	1961	83.13	3.43	0	9.75	12.45	0
Djibouti	1962	85.69	2.92	0	9.27	11.66	0
Djibouti	1963	89.52	2.72	0	8.71	10.85	0
Djibouti	1964	82.95	2.66	0	8.19	7.61	0
Djibouti	1965	80.28	2.03	0	7.76	7.15	0
Djibouti	1966	84.44	1.67	0	12.45	6.68	23.9

Djibouti	1967	76.18	1.88	0	15.21	6.27	27.13
Djibouti	1968	84.56	2.44	0	20.48	5.87	23.39
Djibouti	1969	73.68	1.64	0	22.41	5.48	23.96
Djibouti	1970	79.91	2.05	0	18.56	5.14	121.58
Djibouti	1971	71.98	2.43	0	18.96	4.86	142.66
Djibouti	1972	56.63	2.3	0	19.44	1.53	122.45
Djibouti	1973	73.15	2.87	0	19.28	2.87	126.23
Djibouti	1974	54.79	2.67	0	18.41	5.08	112.26
Djibouti	1975	55.26	3.24	0	18.33	3.67	103.96
Djibouti	1976	37.64	4.47	0	16.68	2.53	55.01
Djibouti	1977	47.3	3.02	0.99	16.48	2.27	48.99
Djibouti	1978	40.92	4.52	1.25	15.41	2.05	38.41
Djibouti	1979	24.87	8.05	1.19	11.68	1.88	34.67
Djibouti	1980	20.68	6.15	1.32	13.59	1.92	28.02
Djibouti	1981	23.44	5.36	1.71	12.64	2.81	37.28
Djibouti	1982	23.6	3.85	1.56	17.46	6.85	60
Djibouti	1983	28.12	3.59	1.94	16.67	5.45	50.59
Djibouti	1984	22.04	1.84	2.41	15.34	7.48	50.94
Djibouti	1985	23.97	3.69	2.28	16.03	8.58	37.15
Djibouti	1986	19.25	4.5	2.78	14.06	5.05	32.42
Djibouti	1987	19.43	3.07	2.78	13.97	3.27	14
Djibouti	1988	14.59	2.24	2.52	13.55	4.59	15.87
Djibouti	1989	13.92	1.38	2.15	12.67	3.25	15.31
Djibouti	1990	13.92	2.57	2.02	12.11	2.45	23.35
Djibouti	1991	13.72	1.83	2.21	11.8	2.13	21.41
Djibouti	1992	11.97	2.19	1.66	12.63	4.5	23.84
Djibouti	1993	15.04	1.02	1.92	14.08	4.45	24.88
Djibouti	1994	12.27	1	1.97	15.37	4.51	23.93
Djibouti	1995	10.04	0.76	2.06	20.53	3.71	23.43
Djibouti	1996	12.65	1.61	1.38	19.18	3.73	21.47
Djibouti	1997	12.97	0.85	1.97	21.3	6.74	21.06
Djibouti	1998	12.39	1.23	1.77	24	6.16	20.08
Djibouti	1999	10.15	1.64	1.69	24.9	7.27	22.51
Djibouti	2000	12.25	2.14	0.8	27.98	6.89	26.17
Djibouti	2001	10.39	0.36	0.82	26.83	5.24	21.8
Djibouti	2002	13.62	1.05	1.61	27.77	6.37	43.73
Djibouti	2003	12.11	1.06	1.7	31.94	5.43	40.89
Djibouti	2004	14.24	0.72	0.31	35.38	7.86	25.7
Djibouti	2005	14.56	7.02	1.69	39.53	7.84	49.55
Djibouti	2006	11.25	4.51	1.09	41.56	8.94	52.07
Djibouti	2007	12.36	7.05	1.21	42.65	8.21	55.44
Djibouti	2008	14.22	11.4	1.41	46.15	6.99	55.96
Djibouti	2009	14.53	8.35	0.62	42.33	6.28	57.33
Djibouti	2010	13.41	10.96	0.74	37.21	7.15	53.35
Djibouti	2011	10.7	0.66	1.26	39.13	8.35	55.6
Djibouti	2012	15.08	1.22	1.84	37.42	10.09	48.32
Djibouti	2013	12.13	9.08	1.92	38.24	10.27	122.22
Djibouti	2014	9.863014	2.054795	2.767123	38.65753	10.43836	107.8904
Djibouti	2015	7.589041	1.068493	5.123288	37.56164	13.23288	95.12329

Djibouti	2016	8.657534	0.849315	5.616438	38.63014	15.78082	71.69863
Djibouti	2017	8.90411	3.09589	3.013699	39.53425	10.10959	77.45205
Dominica	1961	33.55	1.19	3.46	14.56	56.15	506.33
Dominica	1962	31.47	1.17	3.54	14.64	70.7	524.49
Dominica	1963	31.92	1.15	3.83	14.51	69.58	585.71
Dominica	1964	32.49	1.24	3.94	14.95	68.49	537.89
Dominica	1965	35.71	1.39	4.05	17.08	84.3	469.27
Dominica	1966	36.41	1.49	4.48	17.88	68.5	466.6
Dominica	1967	36.26	1.45	4.47	17.39	66.48	539.69
Dominica	1968	40.74	1.27	4.41	17.19	69.48	542.87
Dominica	1969	39.22	1.41	4.46	16.19	74.37	551.58
Dominica	1970	45.69	1.4	4.71	16.26	59.81	534.73
Dominica	1971	37.67	1.29	4.76	15.46	62.79	562.28
Dominica	1972	40.15	1.62	4.87	16.94	74.2	547.7
Dominica	1973	39.43	1.03	4.83	17.33	78.01	631
Dominica	1974	39.19	1.21	5.21	16.12	81.81	599.53
Dominica	1975	38.62	1.35	5.33	16.46	68.53	683.11
Dominica	1976	38.17	0.86	5.52	15.98	68.22	855.55
Dominica	1977	40.34	0.64	5.67	15.1	69.47	843.57
Dominica	1978	47.28	0.91	5.81	14.68	71.13	740.54
Dominica	1979	48.58	5.22	5.95	15.58	50.04	695.28
Dominica	1980	54.98	5.62	5.66	17.06	71.89	747.31
Dominica	1981	48.4	5.82	5.48	18.52	69.45	727.63
Dominica	1982	44.17	5.76	5.26	17.32	79.25	668.12
Dominica	1983	41.87	5.91	5.26	19.58	48.62	541
Dominica	1984	43.69	6.13	5.33	24.54	54.1	567.18
Dominica	1985	53.46	6.1	4.89	23.37	52.42	667.07
Dominica	1986	57.05	6.27	5.14	27.17	50.75	689.64
Dominica	1987	55.47	8.77	5.18	28.07	41.9	1050.37
Dominica	1988	63.28	8.72	5.33	24.91	43.61	1308.32
Dominica	1989	70.2	8.05	4.63	31.2	52.17	1152.22
Dominica	1990	76.02	7.69	4.98	30.35	58.92	846.72
Dominica	1991	97.86	10.19	5.21	27.22	62.69	779.67
Dominica	1992	107.51	9.55	5.6	22.66	69.25	920.79
Dominica	1993	121.86	12.27	6.29	29.15	74.02	801.41
Dominica	1994	105.23	13.43	6.98	26.89	77.31	741.04
Dominica	1995	134.05	11.11	5.9	25.55	89.76	725.19
Dominica	1996	53.76	20.91	6.06	26.68	91.41	1097.78
Dominica	1997	75.4	18.05	5.4	27.67	80.71	1201.29
Dominica	1998	55.38	17.8	5.68	28.05	104.72	1144.05
Dominica	1999	53.34	18.5	5.32	28.12	111.6	1090.72
Dominica	2000	80.15	18.42	5.44	24.56	109.33	1075.41
Dominica	2001	84.73	16.02	4.19	25.43	101.99	1005.18
Dominica	2002	78.94	15.2	7.01	23.52	101.28	862.88
Dominica	2003	53.59	16.55	7.01	22.31	87.67	1015.31
Dominica	2004	78.98	17.12	6.73	21.75	82.99	1025.92
Dominica	2005	63.32	17.57	6.79	21.02	70.86	894.7
Dominica	2006	66.95	16.58	7.1	19.97	67.37	994.71
Dominica	2007	72.47	16.5	7.25	19.95	76.36	1020.65

Dominica	2008	81.96	13.78	7.41	23.05	73.46	962.43
Dominica	2009	49.2	12.38	7.56	19.95	82	1073.28
Dominica	2010	52.33	7.88	6.95	22.15	65.19	1005.75
Dominica	2011	30.75	11.36	6.95	21.41	62.3	999.5
Dominica	2012	66.85	10.43	6.74	21.82	57.93	983.07
Dominica	2013	50.79	8.67	6.93	22.85	56.06	1025.39
Dominica	2014	43.50685	19.94521	6.986301	22.41096	89.50685	1075.014
Dominica	2015	48.43836	13.61644	6.273973	22.76712	89.31507	1082.877
Dominica	2016	47.89041	13.0411	6.90411	22.05479	78.65753	1099.671
Dominica	2017	48.68493	11.91781	6.739726	22.30137	76.90411	1105.151
Dominican Republic	1961	10.98	12.91	8.38	13.15	11.91	684.89
Dominican Republic	1962	24.09	12.94	8.23	14.9	22.9	675.83
Dominican Republic	1963	28.52	12.96	8.31	13.92	25.55	662.29
Dominican Republic	1964	28.45	12.78	8.15	14.31	31.7	665.12
Dominican Republic	1965	19.87	13.03	8.74	14.53	16.05	650.38
Dominican Republic	1966	20.19	13.06	8.76	22.3	26.41	654.67
Dominican Republic	1967	17.55	13.39	9.02	25.16	18.58	578.18
Dominican Republic	1968	21.74	13.49	8.66	24.18	23.01	580.74
Dominican Republic	1969	25.34	9.71	8.67	24.33	22.03	641.29
Dominican Republic	1970	28.26	8.08	9.26	24.97	21.37	639.27
Dominican Republic	1971	31.18	10.66	9.21	25.54	18.37	634.1
Dominican Republic	1972	34.78	8.32	9.18	26.06	16.35	622.63
Dominican Republic	1973	34.04	9.7	10.52	26.96	14.11	606.01
Dominican Republic	1974	35.45	9.96	10.39	26.43	10.7	604.7
Dominican Republic	1975	33.63	9.6	10.05	25.74	14.37	571.17
Dominican Republic	1976	35.91	8.72	9.76	27.63	15.49	601.01
Dominican Republic	1977	44.95	8.6	9.42	28.36	17.88	584.21
Dominican Republic	1978	49.6	7.74	9.45	28.04	16.27	607.76
Dominican Republic	1979	58.74	7.75	8.06	29.62	20.06	551.18
Dominican Republic	1980	65.1	15.23	5.75	31.74	23.78	570.24
Dominican Republic	1981	69.07	8.52	7.99	34.05	19.72	569.22
Dominican Republic	1982	61.6	11.97	6.94	34.38	19.37	539.19
Dominican Republic	1983	53.63	16.79	5.48	29.31	17.94	532.93
Dominican Republic	1984	50.68	16.09	4.53	30.18	13.56	521.75
Dominican Republic	1985	54.39	17.12	4.54	30.31	20.61	498.44
Dominican Republic	1986	57.16	15.83	4.83	37.62	24.24	551.71
Dominican Republic	1987	62.64	15.76	4.96	38.28	21.27	545.93
Dominican Republic	1988	69.47	16.14	4.99	35.24	20.09	523.6
Dominican Republic	1989	70.49	12.44	8.48	38.22	24.3	525.23
Dominican Republic	1990	68.49	10.42	11.24	45.33	23.49	349.51
Dominican Republic	1991	68.49	10.02	11.48	38.42	16.93	376.76
Dominican Republic	1992	92.13	7.22	12.26	40.1	16.12	342.04
Dominican Republic	1993	84	6.1	11.87	40.53	19.22	396.69
Dominican Republic	1994	93.53	5.85	11.69	42.72	23.63	375.09
Dominican Republic	1995	86.88	5.87	11.99	44.54	21.12	349.99
Dominican Republic	1996	86.2	4.73	11.97	42.31	19.76	341.7
Dominican Republic	1997	94.75	7.78	12.05	45.44	22.13	354.16
Dominican Republic	1998	107.51	11.61	12.89	45.41	19.93	321.31
Dominican Republic	1999	116.9	7.81	13.45	48.74	21.23	329.64

Dominican Republic	2000	129.82	10.65	13.78	48.66	25.06	364.29
Dominican Republic	2001	108.83	9.02	15.84	46.74	25.19	431.45
Dominican Republic	2002	118.31	9.25	18.85	43.57	32.32	466.03
Dominican Republic	2003	119.24	8.12	16.3	45.83	26.09	490.36
Dominican Republic	2004	120.53	9.85	13.59	49.65	25.6	425.85
Dominican Republic	2005	142.77	11.36	16.85	47.78	25.41	429.4
Dominican Republic	2006	145.48	13.54	18.72	46.66	28.11	426.79
Dominican Republic	2007	125.89	13.2	17.85	49.44	28.27	449.54
Dominican Republic	2008	136.77	12.21	18.24	50.78	31.44	348.87
Dominican Republic	2009	118.37	8.82	19.34	51.37	31.3	507.29
Dominican Republic	2010	142.8	5.66	22.75	51.2	28.43	621.74
Dominican Republic	2011	141.96	6.13	21.34	55.94	22.73	567.24
Dominican Republic	2012	136.11	6.82	21.55	56.07	22.42	699.64
Dominican Republic	2013	118.14	3.51	19.71	50.41	22.14	757.44
Dominican Republic	2014	127.0411	4.109589	25.69863	58.08219	24.65753	818.3836
Dominican Republic	2015	135.5342	6.136986	26.21918	56.27397	24.90411	758.3836
Dominican Republic	2016	134.1096	6.219178	26.10959	58.71233	26.46575	854.4384
Dominican Republic	2017	138.4932	6.410959	27.86301	59.0411	26.21918	845.6164
Eastern Africa	1961	16.35	118.15	3.19	7.23	8.99	135.29
Eastern Africa	1962	15.88	118.46	3.19	7.29	9.61	146.63
Eastern Africa	1963	16.2	118.32	3.12	7.01	10.55	134.09
Eastern Africa	1964	16.3	112.15	3.19	7.31	11.52	144.1
Eastern Africa	1965	17.23	103.43	3.19	7.61	12.28	141.49
Eastern Africa	1966	18.45	110.19	3.21	7.77	12.65	143.5
Eastern Africa	1967	18.25	111.01	3.25	8.06	13.68	156.03
Eastern Africa	1968	18.85	111.4	3.28	8.17	14.88	158.18
Eastern Africa	1969	19.28	108.51	3.38	8.4	14.8	155.24
Eastern Africa	1970	20.09	123.5	3.35	8.65	15.63	152.3
Eastern Africa	1971	21.26	121.53	3.37	8.78	15.54	146.82
Eastern Africa	1972	21.33	117.93	3.37	8.96	15.61	146.53
Eastern Africa	1973	21.79	119.54	3.34	8.63	15.35	148.8
Eastern Africa	1974	21.33	119.21	3.5	8.76	15.02	152
Eastern Africa	1975	20.34	118.3	3.61	9.35	15.85	148.27
Eastern Africa	1976	19.24	128.3	3.78	9.65	15.52	145.88
Eastern Africa	1977	21.6	123.5	3.65	9.75	17.35	143.76
Eastern Africa	1978	19.96	125.8	3.58	9.66	15.74	144.31
Eastern Africa	1979	21.35	121.47	3.54	10.12	13.81	170.01
Eastern Africa	1980	22.02	105.02	3.5	10.75	14.31	164.31
Eastern Africa	1981	21.67	92.66	3.38	11.34	13.66	165.91
Eastern Africa	1982	19.35	99.99	3.48	10.94	14.25	173.69
Eastern Africa	1983	21.07	85.47	3.44	10.85	14.58	166.94
Eastern Africa	1984	17.9	86.82	3.08	10.41	15.58	155.83
Eastern Africa	1985	18.04	93.65	3.22	10.65	14.78	161.24
Eastern Africa	1986	18.35	90.84	3.16	11	15.75	156.25
Eastern Africa	1987	17.52	88.88	3.07	10.89	16.4	155.54
Eastern Africa	1988	17.64	79.4	3.09	11.77	16.93	155.41
Eastern Africa	1989	17.8	84.87	3.02	11.4	16.01	162.56
Eastern Africa	1990	17.14	77.82	3.11	12.67	17.4	157.23
Eastern Africa	1991	16.63	79.69	3.12	12.9	14.63	152.02

Eastern Africa	1992	16.83	78.83	3.09	13.19	14.73	148.84
Eastern Africa	1993	14	79.23	2.52	11.44	14.21	150.15
Eastern Africa	1994	13.46	81.59	2.49	11.56	13.21	142.58
Eastern Africa	1995	14.31	81.34	2.58	11.51	13.26	145.56
Eastern Africa	1996	14.07	76.45	2.56	11.64	12.11	148.42
Eastern Africa	1997	13.89	84.43	2.63	11.36	12.83	155.18
Eastern Africa	1998	14.33	81.13	2.57	11.25	11.8	163.53
Eastern Africa	1999	14.21	77.71	2.59	11.67	11.8	163.16
Eastern Africa	2000	13.67	74.44	2.53	11.64	11.56	152.32
Eastern Africa	2001	13.51	76.58	2.54	11.71	10.3	149.42
Eastern Africa	2002	12.98	70.15	2.39	12.23	9.56	172.29
Eastern Africa	2003	12.96	61.16	2.51	13.14	10.23	154.97
Eastern Africa	2004	13.97	69.41	2.5	13.35	11.28	162.4
Eastern Africa	2005	14.76	70.71	2.4	14.94	12.04	160.79
Eastern Africa	2006	15.76	72.58	2.42	14.33	11.8	167.71
Eastern Africa	2007	16.49	73.77	2.48	14.96	12.95	163.16
Eastern Africa	2008	19.14	52.9	2.5	15.99	11.67	159
Eastern Africa	2009	18.4	59.29	2.62	15.65	12.68	162.61
Eastern Africa	2010	20.06	62.03	2.72	15.52	13.19	162.62
Eastern Africa	2011	21.85	64.73	2.78	15.81	13.74	160.7
Eastern Africa	2012	26.41	59.03	2.85	15.47	13.52	155.98
Eastern Africa	2013	25.09	60.24	2.81	15.4	13.18	154.68
Eastern Africa	2014	25.47945	58.71233	2.60274	15.53425	15.23288	160.7671
Eastern Africa	2015	27.61644	57.0137	2.630137	15.58904	15.94521	158.7671
Eastern Africa	2016	29.78082	53.78082	2.657534	16	15.9726	155.0685
Eastern Africa	2017	29.89041	52.0274	2.520548	16.9589	15.50685	148.6027
Eastern Asia	1961	10.09	5.12	7.85	4.96	29.47	20.49
Eastern Asia	1962	10.82	5.46	8.07	5.37	29.79	20.46
Eastern Asia	1963	11.2	5.59	8.11	6.44	30.06	21.66
Eastern Asia	1964	11.91	5.55	8.78	7.2	28.21	23.27
Eastern Asia	1965	12.02	5.82	9.01	7.46	30.05	24.13
Eastern Asia	1966	12.53	6.35	8.65	7.91	30.02	26.06
Eastern Asia	1967	13.08	7	8.95	8.14	30.76	26.91
Eastern Asia	1968	12.97	6.79	9.22	8.02	31.79	29.36
Eastern Asia	1969	13.95	6.78	9.8	8.04	31.02	28.29
Eastern Asia	1970	14.83	7.56	10.1	8.36	31.03	28.97
Eastern Asia	1971	14.97	8.66	10.14	8.79	32.92	28.69
Eastern Asia	1972	16.02	9.08	10.11	9.15	34.37	32.99
Eastern Asia	1973	17.52	9.76	10.09	9.17	35	34.67
Eastern Asia	1974	17.18	9.63	10.04	9.33	36.49	33.95
Eastern Asia	1975	19.03	9.08	10.15	9.71	36.79	34.37
Eastern Asia	1976	18.71	9.16	10.35	9.41	37.62	33.4
Eastern Asia	1977	19.89	9.54	10.62	10.04	36.36	35.03
Eastern Asia	1978	21.94	8.54	10.93	10.97	36.13	35.65
Eastern Asia	1979	22.36	8.52	11.17	11.66	34.7	38.13
Eastern Asia	1980	26.23	8.86	11.4	13.16	34.89	35.96
Eastern Asia	1981	25.88	8.82	11.44	13.83	35.34	37.71
Eastern Asia	1982	28.08	8.74	11.85	14.91	36.27	37.96
Eastern Asia	1983	30.89	7.76	12.34	15.18	36.95	41.77



Eastern Asia	1984	31.56	7.34	14.3	16.39	38.87	39.74
Eastern Asia	1985	34.62	7.09	16.22	16.65	40.97	44.66
Eastern Asia	1986	38.42	7.44	16.55	17.31	43.67	47.69
Eastern Asia	1987	43.56	7.7	17.26	17.99	46.71	54.83
Eastern Asia	1988	47.7	7.55	19.06	17.8	48.13	53.53
Eastern Asia	1989	46.21	7.26	19.28	19.4	49.06	57.74
Eastern Asia	1990	48.65	7.05	20.41	21.13	49.09	56.81
Eastern Asia	1991	51.95	6.88	22.68	21.27	48.15	61.63
Eastern Asia	1992	55.68	6.96	24.22	20.68	51.42	66.3
Eastern Asia	1993	60.15	6.97	26.8	21.04	56.88	76.09
Eastern Asia	1994	64.27	7.14	31.7	22.68	64.14	84.22
Eastern Asia	1995	69.78	7.53	34.81	22.98	71.2	95.88
Eastern Asia	1996	67.71	7.62	39.61	22.56	74.74	102.04
Eastern Asia	1997	70.95	7.81	38.1	22.86	74.62	110.56
Eastern Asia	1998	68.03	8.98	39.84	23.45	75.1	110.03
Eastern Asia	1999	67.84	9.64	41.57	24.2	76.84	124.78
Eastern Asia	2000	68.73	9.8	42.15	25.25	78.7	124.52
Eastern Asia	2001	72.32	9.68	42.48	25.11	78.63	132.9
Eastern Asia	2002	73.27	9.95	43.19	25.93	80.52	136.92
Eastern Asia	2003	72.79	10.17	44.03	26.56	81.42	144.66
Eastern Asia	2004	80.62	10.52	44.27	27.05	83.07	157.37
Eastern Asia	2005	83.05	10.7	45.09	27.14	84.13	163.4
Eastern Asia	2006	90.37	11.12	44.6	29.02	85.69	170.83
Eastern Asia	2007	98.54	11.43	46.08	29.37	88.26	179.27
Eastern Asia	2008	101.28	11.49	48.52	28.19	90.85	186.51
Eastern Asia	2009	101.24	11.44	48.8	29.01	93.8	197.01
Eastern Asia	2010	105.56	11.82	48.91	28.86	95.87	205.58
Eastern Asia	2011	112.23	12.25	49.4	29.31	97.4	222.47
Eastern Asia	2012	111.2	12.45	49.89	28.33	101.51	240.86
Eastern Asia	2013	115.59	12.6	49.91	27.36	99.97	245.93
Eastern Asia	2014	113.3151	12.41096	49.69863	27.20548	103.2055	243.4247
Eastern Asia	2015	110.4658	12.82192	58	27.86301	106.7397	242.5753
Eastern Asia	2016	106.7945	12.73973	58.71233	26.76712	107.4521	245.4247
Eastern Asia	2017	105.1781	12.90411	59.69863	27.20548	108.0822	250.3562
Eastern Europe	1961	96.43	2.57	19.67	24.85	31.51	65
Eastern Europe	1962	97.84	2.45	19.72	26.5	34.44	67.8
Eastern Europe	1963	101	2.62	18.76	28.65	37.59	74.44
Eastern Europe	1964	108.83	2.8	18.47	28.7	40.86	74.63
Eastern Europe	1965	113.14	2.86	19.78	28.88	44.06	85.3
Eastern Europe	1966	118.63	2.77	20.81	28.53	44.79	84.81
Eastern Europe	1967	122.26	2.78	22.07	28.88	47.72	89.24
Eastern Europe	1968	129.8	2.92	22.72	31.7	48.88	95.74
Eastern Europe	1969	138.99	3.2	23.47	29.66	52.51	92.49
Eastern Europe	1970	146.73	3.43	25.15	31.13	56.05	101.86
Eastern Europe	1971	148.97	3.69	27.37	30.06	52.57	104.18
Eastern Europe	1972	144.2	3.75	28.57	30.24	59.41	94.71
Eastern Europe	1973	153.53	3.74	30.02	30.88	61.13	108.08
Eastern Europe	1974	156.61	4.1	31.68	30.83	63.81	103.94
Eastern Europe	1975	162.4	4.49	32.63	28.91	65.33	109.96

Eastern Europe	1976	168.94	4.76	31.88	34.04	61.7	120.61
Eastern Europe	1977	168.53	4.9	34.14	33.02	57.74	118.27
Eastern Europe	1978	164.6	4.84	35.51	32.4	58.05	118.81
Eastern Europe	1979	165.98	4.86	36.35	34.29	58.88	116.05
Eastern Europe	1980	168	5.18	36.84	33.91	59.53	115.42
Eastern Europe	1981	170.01	5.02	37.98	34.04	62.66	118.08
Eastern Europe	1982	173.87	4.66	37.62	33.58	62.58	129.86
Eastern Europe	1983	173.59	4.87	38.69	35.14	61.36	136.43
Eastern Europe	1984	167.19	5.46	38.96	35.21	65.26	133.74
Eastern Europe	1985	159.76	5.69	39.71	37.46	67.15	121.17
Eastern Europe	1986	129.63	5.31	40.58	35.15	68.84	138.6
Eastern Europe	1987	127.55	5.75	40.88	35.23	66.41	122.42
Eastern Europe	1988	131.53	5.48	41.46	35.24	64.12	125.59
Eastern Europe	1989	138.37	6.65	40.06	35.92	61.52	120.16
Eastern Europe	1990	132.75	6.52	39.75	35.7	55.66	111.61
Eastern Europe	1991	126.05	5.87	38.17	28.56	49.07	107.39
Eastern Europe	1992	131.92	5.97	36.99	33.51	33.91	118.6
Eastern Europe	1993	128.3	6.49	34.84	33.67	26.42	119.83
Eastern Europe	1994	120.5	7.14	32.79	31.7	23.72	106.59
Eastern Europe	1995	117.22	7.5	31.17	33.46	33.73	108.96
Eastern Europe	1996	109.12	8.42	17.03	33.53	37.77	118.97
Eastern Europe	1997	118.53	10.23	30.93	33.55	40.88	117.04
Eastern Europe	1998	126.62	9.74	32.18	35.03	41.88	108.38
Eastern Europe	1999	143.73	10.5	32.02	36.36	36.59	99.53
Eastern Europe	2000	155.94	9.66	32.28	37.68	36.08	113.46
Eastern Europe	2001	171.64	10.16	34	38.8	36.9	117.36
Eastern Europe	2002	183.67	10.52	35.94	39.48	35.18	125.62
Eastern Europe	2003	195.57	10.96	35.95	39.94	35.95	135.92
Eastern Europe	2004	212.41	10.82	36.02	41.13	35.39	146.91
Eastern Europe	2005	225.15	11.7	37.31	43.18	40.28	157.44
Eastern Europe	2006	242.09	11.03	38.22	44.32	40.07	164.75
Eastern Europe	2007	267.56	11.04	38.2	45.12	46.33	169.55
Eastern Europe	2008	266.17	11.36	38.14	45.74	48.15	169.44
Eastern Europe	2009	254.5	10.88	38.61	46.98	47.12	164.98
Eastern Europe	2010	248.01	10.99	39.2	47.81	44.85	166.94
Eastern Europe	2011	249.34	11.67	39.25	47.7	44.34	176.9
Eastern Europe	2012	249.85	11.31	39.01	48.5	46.4	181.43
Eastern Europe	2013	236.34	11.29	38.81	49.76	46.82	189.05
Eastern Europe	2014	235.9178	10.0274	38.65753	40.27397	44.63014	164.9863
Eastern Europe	2015	220.8493	9.69863	37.20548	37.75342	40.16438	156.7671
Eastern Europe	2016	216.9863	10.10959	37.15068	40.43836	41.31507	163.8082
Eastern Europe	2017	212.8493	10.27397	37.64384	40.79452	41.34247	158.6027
Ecuador	1961	25.54	4.13	4.39	22.45	16.92	701.57
Ecuador	1962	24.43	4.48	4.4	22.88	18.06	705.19
Ecuador	1963	22.22	3.79	4.64	23.45	21.55	697.42
Ecuador	1964	25.83	4.14	4.77	23.09	17.07	752.38
Ecuador	1965	25.66	3.52	4.9	23.33	17.97	813.77
Ecuador	1966	26.38	3.69	4.78	23.64	15.75	807.09
Ecuador	1967	25.28	4.67	4.65	25.21	15.55	698.34

Ecuador	1968	27.91	4.54	4.52	23.61	17.37	714.68
Ecuador	1969	31.31	3.27	4.39	24.94	12.15	675.84
Ecuador	1970	32.12	2.95	4.76	24	21.11	659.92
Ecuador	1971	31.07	2.71	5.35	24.22	20.81	634.54
Ecuador	1972	35.68	2.26	7.76	25.38	20.48	634.42
Ecuador	1973	39.64	2.5	8.03	25.82	24.17	605.58
Ecuador	1974	42.97	2	8.27	25.82	26.56	663.83
Ecuador	1975	48.77	1.96	6.86	29.32	27.65	667.76
Ecuador	1976	60.33	2.04	7.45	32.17	25.75	683.4
Ecuador	1977	63.27	1.42	9.78	30.64	30.01	832.73
Ecuador	1978	79.34	2.05	11.11	30.55	32.77	814.82
Ecuador	1979	78.61	1.41	13.04	30.9	36.22	748.1
Ecuador	1980	70.04	1.28	14.51	33.67	37.36	768.8
Ecuador	1981	67.63	1.38	14.12	40.66	32.57	712.55
Ecuador	1982	64.18	1.66	15.02	43.28	32.44	676.99
Ecuador	1983	62.06	1.44	10.66	47.2	34.74	583.17
Ecuador	1984	51.83	2.31	11.1	43.34	36.14	553.5
Ecuador	1985	50.86	1.69	11.7	43.39	29.82	637.16
Ecuador	1986	56.16	1.92	13.64	50.42	25.15	540.98
Ecuador	1987	59.51	1.87	11.59	53.44	23.13	556.94
Ecuador	1988	86.02	3.77	10.97	48.48	23.09	577.85
Ecuador	1989	64.36	4.3	10.13	50.72	20.72	471.73
Ecuador	1990	41.63	6.66	13.2	49.94	18.81	459.41
Ecuador	1991	49.85	10.74	12.88	50.08	20.6	372.51
Ecuador	1992	52.62	10.9	11.72	51.28	19.55	485.3
Ecuador	1993	48.44	9.1	11.24	45.8	19.87	569.08
Ecuador	1994	34.32	8.75	11.41	43.83	17.7	626.35
Ecuador	1995	29.47	8.81	12.3	51.69	19.85	461.86
Ecuador	1996	28.4	10.03	9.89	49.19	22.98	516.43
Ecuador	1997	43.08	8.23	10.08	48.77	23.43	686.07
Ecuador	1998	51.74	8.38	11.39	48.4	23.48	520.54
Ecuador	1999	46.74	10.14	9.88	48.81	19.84	618.72
Ecuador	2000	36.78	0.65	12.33	46.41	18.18	557.72
Ecuador	2001	39.05	0.7	11.77	43.78	12.53	548.66
Ecuador	2002	42.27	1.55	11.68	50.89	11.74	498.18
Ecuador	2003	47.26	1.12	13.08	48.85	17.65	461.62
Ecuador	2004	51.06	0.23	13.17	50.71	17.18	461.7
Ecuador	2005	54.38	0.38	13.11	52.25	17.79	421.16
Ecuador	2006	55.29	0.44	14.19	49.92	18.81	350.66
Ecuador	2007	71.8	0.7	14.41	51.97	19.82	353.25
Ecuador	2008	73.08	0.54	14.82	55.1	22.18	369.78
Ecuador	2009	103.18	0.6	15.31	52	22.75	449.54
Ecuador	2010	108.54	0.76	17.63	51.7	21.95	478.58
Ecuador	2011	103.71	0.68	20.79	52.76	23.09	417.95
Ecuador	2012	109.77	0.74	22.38	52.99	22.71	421.77
Ecuador	2013	108.54	0.79	21.96	55.12	22.35	281.99
Ecuador	2014	104.0822	0.219178	25.80822	46.24658	23.12329	330.8219
Ecuador	2015	102.0822	0.273973	28.90411	43.94521	23.0137	326.1096
Ecuador	2016	98.19178	0.219178	27.80822	43.12329	22.73973	223.6712

Ecuador	2017	101.6986	0.219178	21.31507	45.69863	22.32877	249.0959
Egypt	1961	1.9	2.58	2.71	14.54	10.24	79.57
Egypt	1962	2.17	2.79	2.78	15.97	12.01	95.86
Egypt	1963	1.99	2.53	2.92	16.17	10.77	98.85
Egypt	1964	1.9	2.54	3.15	14.49	12.46	95.7
Egypt	1965	2.01	2.71	3.06	17.39	9.44	93.57
Egypt	1966	2.19	2.71	3.41	18.64	11.12	100.65
Egypt	1967	1.97	2.65	3.64	18.94	8.47	101.17
Egypt	1968	1.84	1.8	3.77	19.01	7.82	91.1
Egypt	1969	1.74	2.25	3.31	20.12	7.27	98.12
Egypt	1970	1.8	1.8	3.42	20.57	6.93	91.3
Egypt	1971	1.84	1.78	3.51	20.39	7.38	102.32
Egypt	1972	1.79	1.23	3.59	22.34	7.19	108.05
Egypt	1973	2.12	0.88	3.84	22.97	7.26	98.05
Egypt	1974	2.01	1.26	3.65	25.17	8.36	113.01
Egypt	1975	1.82	1.89	4.08	26.67	10.16	111.01
Egypt	1976	2.17	1.99	4.02	29.03	11.91	113.08
Egypt	1977	2.53	1.93	4.29	30.59	10	98.81
Egypt	1978	2.79	2.08	4.4	32.1	11.96	114.89
Egypt	1979	2.34	1.97	4.24	34.62	11.48	129.82
Egypt	1980	2.7	2.07	3.55	35.33	12.43	118.45
Egypt	1981	2.87	2.01	4.62	37.4	14.26	119.69
Egypt	1982	3.08	2.58	5.57	37.33	14.9	147.82
Egypt	1983	1.9	2.84	5.77	31.39	16.48	150.74
Egypt	1984	2.15	2.43	5.98	29.58	17.36	140.01
Egypt	1985	2.43	2.53	5.56	28.74	17.38	137.98
Egypt	1986	2.61	3.2	6.54	28.56	18.76	155.2
Egypt	1987	2.61	2.92	6.7	26.53	17.98	163.94
Egypt	1988	2.75	4.11	7.78	25.93	20.34	161.66
Egypt	1989	2.59	2.89	6.48	25.34	21.02	176.34
Egypt	1990	2.57	3.62	5.81	22.41	23.34	197.81
Egypt	1991	2.25	4.5	5.62	22.34	22.18	194.48
Egypt	1992	2.12	4.54	5.05	21.02	23.46	223.37
Egypt	1993	1.79	3.3	5.43	20.51	21.62	210.45
Egypt	1994	1.81	2.89	5.94	19.41	24.48	223.32
Egypt	1995	1.79	3.77	6.02	19.44	24.51	246.15
Egypt	1996	1.86	3.21	5.88	17.47	28.84	259
Egypt	1997	1.86	3.05	5.9	15.88	27.85	251.48
Egypt	1998	1.87	3.11	5.75	16.24	33.77	246.34
Egypt	1999	1.93	3.2	5.32	15.76	37.56	269.14
Egypt	2000	2.43	2.95	6.17	15.3	40.5	271
Egypt	2001	5.81	2.91	6.54	15.45	41.88	274.76
Egypt	2002	5.26	2.91	9.85	16.81	39.7	288.72
Egypt	2003	6.48	2.86	9.19	16.83	42.44	276.47
Egypt	2004	10.09	0.3	7.77	15.38	43.75	286.72
Egypt	2005	10.22	0.53	7.12	15.11	44.59	293
Egypt	2006	7.48	0.47	6.75	14.46	48.09	319.04
Egypt	2007	10.96	0.99	7.71	15.71	49.24	314.43
Egypt	2008	7.74	4.45	10.33	15.35	49.84	313

Egypt	2009	7.11	3.22	6.56	15.38	50.08	301.59
Egypt	2010	7.18	3.85	7.6	15.42	61.48	292.73
Egypt	2011	4.06	3.93	7.81	16.17	60.66	276.68
Egypt	2012	3.54	4.17	13.08	16.27	61.49	318.18
Egypt	2013	3.51	4.44	12.58	16.59	60.6	297.03
Egypt	2014	3.452055	3.835616	10.73973	14.10959	66.21918	292.4384
Egypt	2015	3.342466	3.890411	10.13699	15.15068	64.52055	332.7397
Egypt	2016	2.986301	3.315068	9.506849	15.34247	64.0274	310.8219
Egypt	2017	2.931507	3.561644	9.452055	15.34247	64.93151	306.4932
El Salvador	1961	17.31	6.6	12.5	15.02	3.84	107.67
El Salvador	1962	17.19	6.32	13.14	15.52	4.64	106.92
El Salvador	1963	16.53	6.62	12.9	15.68	4.68	106.96
El Salvador	1964	15.89	6.66	13.43	15.2	5.83	108.74
El Salvador	1965	16.47	7.12	13.99	16.11	6.64	109.39
El Salvador	1966	15.78	7.31	14.39	17.42	5.03	119.87
El Salvador	1967	14.93	7.16	14.31	17.73	4.22	123.77
El Salvador	1968	15.33	7.54	13.9	16.83	4.53	121.8
El Salvador	1969	16.08	5.75	14.4	16.25	6.43	119.28
El Salvador	1970	18.93	5.66	13.94	15.33	4.44	123.61
El Salvador	1971	18.95	5.82	14.61	15.16	4.92	118.35
El Salvador	1972	20.2	6.46	13.57	16.36	3.78	115.39
El Salvador	1973	20.72	6.33	14.26	17.5	4.7	110.44
El Salvador	1974	28.73	6.16	14.84	18.91	4.75	112.27
El Salvador	1975	32.93	6.01	16.7	20.04	4.88	118.14
El Salvador	1976	36.56	5.88	18.96	19.12	4.05	124.89
El Salvador	1977	37.22	5.8	19.94	19.95	4.2	137.25
El Salvador	1978	37.54	6.27	21.38	19.34	4.63	165.75
El Salvador	1979	36.83	6.11	20.45	20.76	5.44	166.19
El Salvador	1980	35.66	6.01	20.22	19.1	5.71	175.72
El Salvador	1981	36.44	5.92	19.5	22.68	9.38	171.62
El Salvador	1982	32.19	5.83	20.43	21.81	5.05	162.68
El Salvador	1983	27.47	5.73	20.11	22.05	2.64	160.61
El Salvador	1984	31.2	5.63	19.93	23.29	4.69	156.64
El Salvador	1985	32.72	5.5	20.07	21.95	7.05	153.85
El Salvador	1986	36.02	5.44	19.6	21.64	7.93	154.92
El Salvador	1987	35.72	5.4	20.7	21.4	7.52	158.23
El Salvador	1988	33.11	4.87	23.43	23.22	5.24	164.8
El Salvador	1989	31.77	4.65	21.82	22.63	5.58	170.09
El Salvador	1990	33.96	4.84	21.45	22.29	5.2	192.47
El Salvador	1991	37.05	4.67	21.47	19.93	5.93	195.65
El Salvador	1992	43.69	4.28	21.25	20.84	7.09	199.58
El Salvador	1993	48.35	3.62	17.85	21.68	5.92	190.53
El Salvador	1994	48.06	3.59	18.67	22.36	6.73	189.24
El Salvador	1995	53.07	4.34	17.47	20.05	8	175.93
El Salvador	1996	50.75	4.01	16.49	19.64	6.61	134.92
El Salvador	1997	49.39	4.13	18.09	18.89	6.61	147.14
El Salvador	1998	47.49	4.22	16.96	23.75	4.96	128.31
El Salvador	1999	55.1	4.13	19.3	24.86	5.31	150.74
El Salvador	2000	55.91	4.01	21.18	24.28	6.73	177.42

El Salvador	2001	52.86	3.79	22.6	25.26	12.47	186.04
El Salvador	2002	52.68	4.48	26.21	25.18	16.47	197.31
El Salvador	2003	59.42	6.96	26.34	25.41	15.68	201.9
El Salvador	2004	66.25	6.98	26.55	21.93	16.41	205.92
El Salvador	2005	69.36	6.68	26.29	25.21	21.73	227.96
El Salvador	2006	75.6	6.99	26.72	26.84	17.47	224.98
El Salvador	2007	75.23	8.15	26.01	26.75	21.24	239.84
El Salvador	2008	67.35	7.93	24.43	22.29	15.88	247.49
El Salvador	2009	66.2	6.74	23.92	24.86	20.8	224.08
El Salvador	2010	65	8.6	23.8	22.59	19.35	161.8
El Salvador	2011	60.49	8.96	21.54	23.22	21.63	155.42
El Salvador	2012	58.67	8.23	22.54	22.18	18.68	180.09
El Salvador	2013	72.09	6.3	26.06	24.78	18.55	167.36
El Salvador	2014	65.61644	10.68493	25.80822	11.56164	22.68493	156.5205
El Salvador	2015	66.63014	5.342466	25.89041	12.43836	19.83562	184.0274
El Salvador	2016	67.61644	9.342466	25.9726	13.06849	18.41096	195.3699
El Salvador	2017	68.65753	8.520548	23.91781	17.45205	18.16438	229.6712
Estonia	1992	111.71	2.38	42.16	6.87	70.58	74.88
Estonia	1993	114.84	6.64	36.58	12.43	75.1	128.71
Estonia	1994	129.02	8.57	39.49	13.37	47.64	77.67
Estonia	1995	137.75	11.3	36.83	20.72	57.8	155.75
Estonia	1996	137.12	12.6	32.92	23.01	49.79	144.69
Estonia	1997	160.17	12.98	31.29	29.34	52.68	186.47
Estonia	1998	176.8	15.29	34.55	25.55	46.61	196.33
Estonia	1999	208.71	27.55	31.36	22.34	44.98	201.29
Estonia	2000	212.56	30.93	32.62	21.91	49.3	229.93
Estonia	2001	228.62	31.19	34.86	24.58	45.57	219.93
Estonia	2002	254.29	31.81	31.17	23.97	50.1	196.99
Estonia	2003	254.53	27.46	28.9	24.44	47.17	197.99
Estonia	2004	318.55	32.58	28.33	24.61	37.64	208.91
Estonia	2005	318.8	17.21	28.83	24.88	40.81	195.07
Estonia	2006	348.31	16.65	28.47	24.71	32.72	180.03
Estonia	2007	344.62	20.46	31.77	24.1	43.3	218.58
Estonia	2008	342.01	22.62	30.24	23.43	45.15	227.94
Estonia	2009	324.62	26.82	31.03	23.9	41.23	226.81
Estonia	2010	351.2	27.43	32.6	20.55	39.88	204.83
Estonia	2011	361.38	33.95	31.82	18.71	40.04	198.51
Estonia	2012	397.5	28.46	32.54	25.2	40.13	222.56
Estonia	2013	408.2	30.34	34.69	23.58	40.25	223.83
Estonia	2014	373.1507	21.69863	34.0274	22.27397	34.63014	176.7945
Estonia	2015	371.589	11.86301	34.10959	21.06849	33.86301	184.6301
Estonia	2016	370.9589	11.45205	36.16438	20.21918	38.84932	190.3014
Estonia	2017	350.5205	12	34.76712	19.06849	40.32877	199.6164
Eswatini	2014	44.65753	161.1507	3.972603	12.82192	12.13699	317.7534
Eswatini	2015	45.09589	135.1507	5.534247	9.013699	11.39726	274.3014
Eswatini	2016	44.60274	134.5479	4.767123	11.17808	10.13699	283.1781
Eswatini	2017	44.57534	138.8219	4.60274	11.91781	10.71233	249.6164
Ethiopia	1993	5.92	8.7	1.24	4.44	0.22	9.6
Ethiopia	1994	4.17	9.88	1.2	4.6	0.26	8.99

Ethiopia	1995	5	8.76	1.24	4.02	0.3	9.41
Ethiopia	1996	6.01	11.45	1.13	4.81	0.41	9.39
Ethiopia	1997	6.1	13.06	1.08	3.68	0.47	10.35
Ethiopia	1998	5.57	11.02	1.07	3.43	0.63	10.38
Ethiopia	1999	6.11	14.54	1.05	3.81	0.69	10.26
Ethiopia	2000	5.7	12.37	1.01	3.85	0.65	14.72
Ethiopia	2001	5.97	12.89	1.29	4.42	0.62	12.95
Ethiopia	2002	6.09	9.03	1.3	4.23	0.5	14.41
Ethiopia	2003	5.95	9	1.17	4.91	0.37	15.02
Ethiopia	2004	6.67	9.62	1.13	5.48	0.38	15.52
Ethiopia	2005	7.7	10.28	1.07	7.26	0.36	21.58
Ethiopia	2006	10.51	12.53	1.12	6.42	0.38	22.86
Ethiopia	2007	11.1	10.1	1.1	7.07	0.43	23.58
Ethiopia	2008	10.41	13.74	1.08	9.71	0.57	17.53
Ethiopia	2009	9.88	14.27	1.06	7.94	0.53	19.77
Ethiopia	2010	11.28	16.69	1.01	8.52	0.52	20.48
Ethiopia	2011	11.13	16.7	1.02	9.78	0.72	21.59
Ethiopia	2012	24.71	17.94	0.99	8.65	0.7	20.04
Ethiopia	2013	25.01	18.68	0.99	8.93	0.67	19.53
Ethiopia	2014	15.9726	22.49315	1.09589	9.671233	1.369863	22.46575
Ethiopia	2015	22.49315	24.76712	1.260274	10.43836	1.232877	23.50685
Ethiopia	2016	26.41096	27.34247	1.178082	10.30137	1.232877	24.21918
Ethiopia	2017	29.67123	24.82192	1.178082	10.19178	1.205479	23.34247
Ethiopia PDR	1961	27.71	17.65	5.44	10.06	0.16	8.76
Ethiopia PDR	1962	27.51	17.21	5.42	9.89	0.31	9.56
Ethiopia PDR	1963	27.3	16.77	5.19	9.69	0.19	9.51
Ethiopia PDR	1964	27.01	17.02	5.28	9.73	0.24	9.73
Ethiopia PDR	1965	28.22	16.67	5.22	9.51	0.81	9.84
Ethiopia PDR	1966	28.04	16.27	5.2	9.57	0.78	10.11
Ethiopia PDR	1967	26.78	16.31	5.19	9.6	0.62	10.17
Ethiopia PDR	1968	25.6	15.97	5.18	9.85	1.03	10.33
Ethiopia PDR	1969	25.98	15.56	5.05	9.81	0.91	10.72
Ethiopia PDR	1970	26.2	15.66	4.94	9.86	0.7	11.57
Ethiopia PDR	1971	26.45	15.3	4.82	9.45	0.61	11.47
Ethiopia PDR	1972	24.39	15.27	4.76	9.07	0.53	11.42
Ethiopia PDR	1973	21.95	12.8	4.38	8.65	0.46	11.94
Ethiopia PDR	1974	21.88	12.66	4.55	8.65	0.37	11.49
Ethiopia PDR	1975	18.24	15.64	4.5	8.98	0.24	11.68
Ethiopia PDR	1976	14.93	28	4.5	8.91	0.27	11.97
Ethiopia PDR	1977	24.46	17.03	4.53	9.01	0.27	12.24
Ethiopia PDR	1978	19.02	18.56	4.5	9.21	0.25	12.21
Ethiopia PDR	1979	25.71	17.63	4.45	9.19	0.2	12.3
Ethiopia PDR	1980	28.08	16.64	4.4	9.72	0.24	12.47
Ethiopia PDR	1981	27.66	16.19	4.33	9.82	0.27	12.49
Ethiopia PDR	1982	23.12	15.28	4.24	10.15	0.24	12.17
Ethiopia PDR	1983	29.79	14.33	4.14	10.18	0.24	11.96
Ethiopia PDR	1984	20.6	13.01	4.04	9.41	0.27	11.6
Ethiopia PDR	1985	19.29	13.65	3.95	11.42	0.24	11.47
Ethiopia PDR	1986	18.76	14.44	3.86	10.4	0.27	11.04

Ethiopia PDR	1987	19.08	12.67	3.77	9.08	0.21	10.76
Ethiopia PDR	1988	19.88	10.14	3.68	10.96	0.22	10.75
Ethiopia PDR	1989	19.54	7.74	3.56	9.8	0.24	10.45
Ethiopia PDR	1990	18.09	8.46	3.46	10.5	0.25	10.24
Ethiopia PDR	1991	16.05	9.33	3.36	10.85	0.21	9.97
Ethiopia PDR	1992	16.28	9.42	3.27	11.22	0.22	9.89
Europe	1961	187.19	10.8	24.76	34.62	38.11	136.93
Europe	1962	190.12	11.48	24.91	36.66	39.53	145.69
Europe	1963	194.74	12.18	24.78	37.5	41.88	153.31
Europe	1964	203.81	12.04	25.23	37.32	44.07	155.61
Europe	1965	208.01	11.45	25.44	38.38	46.54	156.49
Europe	1966	214.5	11.49	26.28	38.44	46.24	163.3
Europe	1967	217.18	12.12	26.98	39.02	48.23	169.42
Europe	1968	224.28	12.55	27.52	41.07	49.39	178.14
Europe	1969	233.59	12.73	28.56	40.12	50.22	177.29
Europe	1970	241.06	12.27	30.27	41.68	52.81	180.89
Europe	1971	245.36	12.27	31.28	42.03	50.7	181.37
Europe	1972	245.16	12.37	32.29	42.34	53.71	172.55
Europe	1973	255.28	12.71	32.53	42.11	54.6	186.08
Europe	1974	257.61	12.26	33.5	42.65	56.25	174.29
Europe	1975	261.02	13.49	34.27	41.61	56.25	177.6
Europe	1976	265.32	14.14	33.91	44.3	54.9	185.88
Europe	1977	261.92	12.59	35.27	43.07	52.42	173.35
Europe	1978	256.71	12.98	36.23	43.92	52.33	180.61
Europe	1979	262.56	14.09	36.74	44.95	52.42	180.31
Europe	1980	260.49	14.22	36.95	45.28	53.6	181.75
Europe	1981	260.75	14.13	37.69	45.81	55.52	176.84
Europe	1982	262.86	14.07	37.84	45.66	55.65	193.4
Europe	1983	261.66	14.11	37.87	46.6	56.09	193.45
Europe	1984	253.17	13.99	37.81	46.8	58.16	194.26
Europe	1985	246.21	13.91	38.54	48.44	60.47	184.28
Europe	1986	232.89	13.52	38.78	47.95	61.74	201.84
Europe	1987	230.27	14.15	38.66	48.75	61.31	195.72
Europe	1988	231.87	13.81	38.9	49.37	60.6	204.37
Europe	1989	236.78	14.54	37.61	49.47	59.88	204.96
Europe	1990	232.29	14.89	37.14	49.87	57.79	203.16
Europe	1991	226.76	13.44	36.33	47.93	54.23	193.8
Europe	1992	236.74	15.74	35.19	51.55	48.92	226.2
Europe	1993	226.74	15.84	33.27	50.94	45.78	210.85
Europe	1994	225.84	15.59	32.99	49.96	45.61	204.15
Europe	1995	221.7	14.99	32.43	51.08	50.11	195.44
Europe	1996	217.91	15.89	26.37	52.25	52.45	210.63
Europe	1997	223.32	16.47	32.5	52.44	53.53	204.14
Europe	1998	225.14	15.9	33.19	52.88	55.96	200.65
Europe	1999	234.4	16.49	32.45	53.78	52.53	205.49
Europe	2000	235.8	15.52	32.96	54.24	52.34	222.35
Europe	2001	243.32	15.82	33.77	54.78	54.89	216.2
Europe	2002	246.77	16.13	34.67	54.81	53.51	231.06
Europe	2003	251.08	16.32	34.12	54.3	54.09	234.27



Europe	2004	258.14	17.15	35.08	55.04	54.16	245.51
Europe	2005	261.27	16.73	34.31	56.38	56.81	251.22
Europe	2006	269.34	17.16	34.82	57.38	58.59	260.64
Europe	2007	276.43	17.44	35.25	57.58	61.18	259.67
Europe	2008	266.61	17.4	34.87	58.31	61.42	261.39
Europe	2009	258.86	16.68	34.95	58.55	60.56	257.06
Europe	2010	251.47	16.63	35.29	59.44	60.02	247.2
Europe	2011	256.89	16.78	35.23	59.13	60.29	256.73
Europe	2012	251.12	17.03	34.99	59.15	59.56	252.82
Europe	2013	242.68	17.4	35.58	59.18	60.01	265.55
Europe	2014	246.9315	16.08219	33.86301	46.71233	60.13699	212.5205
Europe	2015	240.5205	16.0274	33.36986	45.45205	58.13699	220.9589
Europe	2016	237.5068	16.46575	33.72603	46.87671	58.90411	218.8493
Europe	2017	235.4521	16.24658	34.19178	47.0137	58.76712	214.1644
European Union	1961	247.29	16.34	28.87	42.37	39.88	180.81
European Union	1962	251.78	17.37	28.97	44.37	40.01	192.78
European Union	1963	257.84	18.59	29.35	44.36	41.99	203.69
European Union	1964	267.04	18.27	30.52	44.27	43.35	207.08
European Union	1965	271.62	17.52	29.95	45.81	45	203.83
European Union	1966	278.49	17.65	30.66	45.69	44	217.53
European Union	1967	280.86	18.41	30.99	47.02	45.29	220.09
European Union	1968	287.8	19.28	31.34	48.53	46.84	233.82
European Union	1969	296.89	19.38	32.63	48.35	45.15	232.82
European Union	1970	304.6	18.84	34.32	49.96	47.04	232.44
European Union	1971	310.8	18.72	34.52	51.2	46.54	230.94
European Union	1972	314.49	18.89	35.35	51.71	46.05	224.21
European Union	1973	326.59	19.44	34.67	51.03	46.15	235.65
European Union	1974	328.6	18.57	35.06	51.53	47.17	219.1
European Union	1975	332.16	20.24	35.96	51.61	46.76	218.91
European Union	1976	335.7	21.66	36.09	52.57	47.12	227.67
European Union	1977	330.58	19.19	36.63	51.33	45.39	208.66
European Union	1978	326.06	19.97	37.45	53.03	44.98	221.17
European Union	1979	334.73	21.71	37.67	53.37	44.15	223.19
European Union	1980	329.47	21.77	37.51	54.16	45.52	224.86
European Union	1981	327.19	21.5	38.1	54.88	46.44	214.71
European Union	1982	327.51	21.62	38.34	54.55	46.87	238.8
European Union	1983	325.29	21.74	37.75	55.17	49.13	231.94
European Union	1984	317.13	21.52	37.65	55.22	49.52	237.24
European Union	1985	313.77	21.24	38.28	56.6	51.69	228.92
European Union	1986	314.66	20.36	37.88	57.74	52.35	244.43
European Union	1987	312.35	21.11	37.19	59.15	53.91	242.99
European Union	1988	312.59	20.9	37.47	60.29	54.66	258.2
European Union	1989	316.91	21.08	35.99	60.02	54.78	264.64
European Union	1990	310.31	21.58	35.43	61.36	55.09	268.45
European Union	1991	308.22	19.78	35.16	63.99	54.29	257.9
European Union	1992	301.04	22.14	34.04	63.69	54.46	284.01
European Union	1993	290.38	21.75	32.42	62.37	52.94	257.85
European Union	1994	293.55	21	33.1	61.65	54.93	252.87
European Union	1995	288.2	19.88	33.36	62.46	55.43	240.28

European Union	1996	287.6	21.31	33.34	63.99	56.06	257.01
European Union	1997	291.77	21.35	33.84	63.96	55.86	245.56
European Union	1998	289.95	20.63	34.51	63.96	59.02	246.4
European Union	1999	295.16	21.71	33.37	64.25	56.85	260.96
European Union	2000	291.18	19.99	33.98	64.55	57.02	277.29
European Union	2001	292.34	19.73	34.58	64.68	60.27	264.42
European Union	2002	291.01	19.92	34.96	64.17	58.9	279.89
European Union	2003	290.98	20.06	34.05	62.93	59.5	277.89
European Union	2004	292.55	21.08	35.47	62.99	59.78	287.35
European Union	2005	290.25	20.08	33.57	63.95	60.93	292.31
European Union	2006	294.42	20.76	33.87	65.42	63.69	300.1
European Union	2007	291.52	20.99	34.45	65.27	63.77	291.42
European Union	2008	277.58	20.7	33.87	65.88	63.38	293.68
European Union	2009	271.19	20.09	33.46	65.92	62.8	291.16
European Union	2010	262.27	19.87	33.29	66.68	62.94	277.4
European Union	2011	270.88	19.61	32.88	66.24	63.3	283.9
European Union	2012	263.89	20.22	31.85	66.01	61.18	277.98
European Union	2013	258.11	20.67	33	65.64	61.77	290.31
European Union	2014	266.7123	19.45205	30.38356	48.65753	63.26027	229.8082
European Union	2015	267.2055	19.58904	30.30137	48.30137	63.09589	246.9041
European Union	2016	265.1507	20.16438	30.9863	49.45205	63.45205	240.6027
European Union	2017	264.6301	19.80822	31.36986	49.45205	63.34247	235.2877
Fiji	1961	24.09	2.76	4.47	14.4	43.08	245.22
Fiji	1962	20.84	3.06	4.91	19.09	38.3	244.84
Fiji	1963	20.92	3.21	5.4	24.08	47.13	247.07
Fiji	1964	26.55	2.88	5.58	15.07	51.14	248.14
Fiji	1965	27.78	3.13	5.78	18.32	46.06	236.52
Fiji	1966	27.67	2.9	5	19.14	44.32	223.93
Fiji	1967	26.84	2.78	5.04	17.67	55.02	226.26
Fiji	1968	32.71	3.05	4.04	15.16	53.26	232.95
Fiji	1969	37.85	3.14	4.18	10.35	52.64	233.02
Fiji	1970	45.38	3.58	4.31	11.6	49.78	223.84
Fiji	1971	52.06	3.45	4.85	12.67	58.71	234.36
Fiji	1972	59.78	3.39	4.97	15.27	57.52	228.58
Fiji	1973	68.49	4.31	4.94	10.07	69.55	238.64
Fiji	1974	79.13	3.88	5.2	18.69	64.63	232.71
Fiji	1975	79.7	3.83	6.1	9.97	67.95	232.63
Fiji	1976	80.4	3.83	6.34	19.53	67.19	233.67
Fiji	1977	80.89	3.72	6.01	21.35	42.42	240.47
Fiji	1978	78.19	3.42	8.26	22.91	69.31	232.99
Fiji	1979	83.53	3.92	7.87	24.83	92.88	226.68
Fiji	1980	80.73	3.54	7.79	32.9	99.8	219.53
Fiji	1981	80.28	4.12	7.62	33.62	109.91	222.62
Fiji	1982	82.24	3.48	7.91	28.73	119.35	228.27
Fiji	1983	78.38	3.21	8.38	35.48	85.02	228.64
Fiji	1984	73.94	2.67	8.5	31.82	98.99	228.61
Fiji	1985	70.12	2.56	7.35	35.5	114.4	228.15
Fiji	1986	62.25	2.64	7.51	20.82	111.62	229.31
Fiji	1987	57.14	1.96	7.32	31.3	96.34	219.64

Fiji	1988	60.99	2.25	8.34	41.23	108.2	230.91
Fiji	1989	67.66	3.08	8.14	35.6	102.89	233.77
Fiji	1990	74.9	4.92	7.96	35.95	99.15	230.13
Fiji	1991	70.52	4.05	8.45	38.59	98.79	225.7
Fiji	1992	67.28	3.05	7.77	36.23	76.09	225.79
Fiji	1993	64.63	3.57	8.17	40.2	82.78	229.97
Fiji	1994	61.54	2.79	7.99	34.57	81.59	232.05
Fiji	1995	58.95	2.71	8.33	34.97	86.71	231.51
Fiji	1996	63.83	2.79	9.93	33.83	57.28	240.2
Fiji	1997	63.29	2.83	9.46	34.57	68.07	246.23
Fiji	1998	63.22	4.91	14.03	35.16	74.71	236.73
Fiji	1999	67.99	2.52	10.06	33.5	82.98	232.14
Fiji	2000	62.16	2.75	11.24	35.12	97.54	241.26
Fiji	2001	62.66	3.58	22.12	34.58	100.72	244.51
Fiji	2002	70.41	3.23	15.28	34.03	98.3	242.67
Fiji	2003	54.79	2.53	7.26	34.69	99.78	246.51
Fiji	2004	72.95	3.17	6.8	35.19	102.04	259.31
Fiji	2005	80.18	3.15	10.67	33.45	101.43	265.77
Fiji	2006	81.38	3.1	10.68	36.45	100.83	277.85
Fiji	2007	71.88	2.74	9.85	34.66	99.78	294.18
Fiji	2008	75.13	2.56	6.32	34.35	100.22	319.35
Fiji	2009	74.05	3.08	7.64	37.83	95.53	276.85
Fiji	2010	80.75	2.6	12.62	36.58	93.19	279.61
Fiji	2011	80.03	2.31	11.07	37.47	101.04	275.31
Fiji	2012	107.89	2.83	7.58	32.76	100.23	271.18
Fiji	2013	81.66	2.71	17.65	38.35	99.55	280.04
Fiji	2014	55.72603	2.273973	15.31507	27.86301	100.6575	256.3014
Fiji	2015	66.79452	6.410959	13.80822	28.65753	100.274	261.0685
Fiji	2016	60.82192	6.164384	14.10959	34.30137	96.05479	252.6575
Fiji	2017	74.43836	4.986301	10.73973	36.49315	95.47945	256
Finland	1961	72.36	22.78	20.14	11.36	47.84	114.32
Finland	1962	70.6	26.06	21.46	11.14	52.69	122.63
Finland	1963	72.97	27.19	22.48	12.78	58.83	116.17
Finland	1964	77.56	30.88	24.98	13.24	50.68	127.2
Finland	1965	90.08	25.64	24.83	14	49.69	111.8
Finland	1966	93.55	28.99	25.38	15.28	47.8	125.79
Finland	1967	100.65	31.57	22.88	16.11	46.25	136.5
Finland	1968	108.83	30.85	23.61	19.64	60.51	126.27
Finland	1969	166.52	34.6	26.31	22.26	58.12	144.51
Finland	1970	160.05	33.13	27.82	23.65	61.02	141.37
Finland	1971	163.93	28.46	27.39	25.75	62.91	148.85
Finland	1972	178.82	32.27	28.63	26.13	61.5	153.61
Finland	1973	178.57	35.54	27.96	27.18	67.21	157.81
Finland	1974	184.18	35.62	28.77	28.65	71.85	196.55
Finland	1975	165.09	35.77	29.05	28.12	71.06	228.79
Finland	1976	189.12	41.41	28.78	27.23	75.54	235.26
Finland	1977	177.54	28.32	28.18	28.1	77.29	205.35
Finland	1978	173.4	31.2	30.52	22.18	74.7	211.77
Finland	1979	171.84	37.81	30.39	22.3	75	231.62

Finland	1980	190.8	38.78	28.94	22.13	72.54	243.35
Finland	1981	190.11	34.75	28.49	21.92	72.47	229.91
Finland	1982	185.32	36.17	27.92	22.03	72.58	220.93
Finland	1983	192.76	35.87	27.11	22.04	76.33	225.15
Finland	1984	200.31	39.22	28.93	21.17	77.66	212.96
Finland	1985	198.91	30.03	29.75	21.16	78.73	168.95
Finland	1986	211.04	32.96	31.54	22.43	84.24	173.42
Finland	1987	217.71	40.28	30.69	22.74	85.13	212.64
Finland	1988	240.53	30.33	30.72	22.17	85.92	204.05
Finland	1989	261.02	35.42	29.63	26.11	85.4	224.64
Finland	1990	263.56	36.55	29.08	24.26	83.68	216.45
Finland	1991	279.28	34.49	27.92	25.35	82.98	218.55
Finland	1992	289.38	34.65	28.61	29.92	88.08	218.85
Finland	1993	274.97	36.68	27.84	30.49	86.76	206.96
Finland	1994	263.88	37.82	27.02	28.01	89.42	213.31
Finland	1995	268.17	22.85	30.77	30.16	91.27	145.12
Finland	1996	251.75	34.17	28.49	26.45	92.56	190.84
Finland	1997	255.11	37.14	26.52	33.09	90.65	193.42
Finland	1998	256.64	38.66	26.04	33.32	89.27	196.55
Finland	1999	273.03	40.26	25.3	31	85.81	232.2
Finland	2000	270.02	33.12	25.46	28.73	85.95	226.37
Finland	2001	284.66	34.21	23.69	33.19	86.75	249.98
Finland	2002	286.2	33.88	24.37	32.78	87.45	230.72
Finland	2003	286.28	35.37	22.95	31.39	92.32	253.39
Finland	2004	308.73	35.48	22.86	31.07	94.05	264.09
Finland	2005	290.83	38.52	22.83	31.69	86.66	260.3
Finland	2006	274.64	38.16	22.94	31.92	93.38	247.65
Finland	2007	283.31	39.79	23.39	31.47	99.21	258.04
Finland	2008	276.52	38.24	23.74	29.69	95.67	241.95
Finland	2009	272.69	36.65	23.1	30.64	93.91	247.88
Finland	2010	270.54	37.03	23.97	29.64	98.67	246.95
Finland	2011	279.59	35.86	24.49	29.08	100.34	261.32
Finland	2012	262.8	35.9	25.42	28.91	99.98	277.98
Finland	2013	263.4	36.35	26.16	10.45	99.65	262.62
Finland	2014	262.411	32.9589	22.65753	19.91781	98.13699	188.9589
Finland	2015	262.9589	33.47945	22.24658	19.58904	95.47945	193.5342
Finland	2016	266.0822	32.84932	23.86301	17.12329	87.15068	194.6849
Finland	2017	269.5068	34.13699	23.94521	15.69863	92.10959	193.3973
France	1961	431.1	65.03	28.87	26.13	49.29	148.77
France	1962	429.47	69.95	29.38	27.9	50.21	193.97
France	1963	418.66	75.25	28.83	27.82	53.05	203.85
France	1964	431.51	70.17	29.82	27.51	53.69	226.96
France	1965	422.24	63.88	29.73	29.13	56.17	202.6
France	1966	420.94	64.38	30.31	29.58	56.64	214.72
France	1967	415.43	67.29	31.31	30.94	57.2	219.56
France	1968	416.12	69.45	31.43	33.08	60.36	227.54
France	1969	408.14	68.84	32.7	32.41	55.32	231.98
France	1970	411.58	62.49	34.28	31.94	56.67	232.7
France	1971	412.33	60.23	33.5	33.82	57.29	224.77

France	1972	412.55	59.33	34.32	34.64	59.07	211.26
France	1973	414.75	58.76	34.71	32.44	59.27	206.25
France	1974	416	55.11	34.57	33.52	60.73	194.29
France	1975	417.89	63.46	35.32	33.86	60.99	181.16
France	1976	417.61	69.1	35.17	37.51	60.49	192.73
France	1977	397.96	60.29	35.67	38.2	64.58	169.89
France	1978	383.73	64.05	38.71	40.56	66.24	184.73
France	1979	408.52	65.82	38.73	39.97	66.15	174.09
France	1980	387.38	68.2	39.31	42.42	68.01	177.17
France	1981	376.72	65.69	40.22	46.12	70.42	173.93
France	1982	374.53	65.38	41.78	48.9	69.01	188.52
France	1983	362.96	62.82	39.77	49.06	71.66	181.63
France	1984	345.35	59.62	40.82	49.51	69.55	206.85
France	1985	327.46	57.45	40.9	50.41	72.02	191.47
France	1986	316.93	50.85	42.65	51.33	76.06	220.76
France	1987	308.3	52.14	41.14	53.79	79.32	202.35
France	1988	302.32	52.4	43.83	54.19	82.59	218.88
France	1989	300.77	51.97	41.92	53.8	80.22	218.3
France	1990	289.92	48.79	40.15	54.4	86.64	223.74
France	1991	280.9	40.03	40.21	55.95	84.72	217.98
France	1992	280.9	57.85	40.25	56.98	84.13	252.27
France	1993	275.44	58.1	39.88	56.9	83.35	234.36
France	1994	271.28	53.91	41.36	57.84	83.55	252.83
France	1995	262.76	51.95	43.4	58.57	84.66	261.34
France	1996	262.52	50.27	42.72	57.65	85.56	245.85
France	1997	247.07	47.9	42.97	59.11	84.58	232.6
France	1998	255.44	44.33	43.27	58.11	88.98	237.24
France	1999	249.13	44.42	43.9	58.7	87.42	248.57
France	2000	225.02	41.41	43.73	59.24	85.76	271.24
France	2001	227.33	41.17	43.19	60.82	92.84	269.24
France	2002	224.9	41.11	42.29	60.96	94.11	281.07
France	2003	225.85	37.22	41.88	60.5	92.5	267.32
France	2004	228.77	38.71	43.19	58.38	90.7	299.32
France	2005	228.12	38.36	39.27	61.31	93.9	311.87
France	2006	226.44	39.96	37.77	64.64	95.34	307.47
France	2007	224.25	40.64	39.59	64.04	92.24	322.65
France	2008	187.95	39.73	37.04	64.7	94.26	320.79
France	2009	216.7	40	38.53	64.65	95.09	321.3
France	2010	189.9	38.36	36.73	63.31	95.84	314.41
France	2011	215.19	38.22	34.31	62.7	96.27	317.18
France	2012	188.01	36.74	33.77	60.02	91.26	300.94
France	2013	173.64	37.33	35.98	59.71	91.91	318.1
France	2014	191.9178	36.9589	31.39726	52.0274	93.17808	235.9452
France	2015	193.2329	38.32877	31.47945	51.20548	92.10959	231.1781
France	2016	193.1781	38.27397	31.47945	52	92.10959	246.8493
France	2017	193.3699	36.9863	31.58904	48.79452	94.24658	256.137
French Polynesia	1961	106.64	3.05	4.53	16.1	125.15	199.97
French Polynesia	1962	98.99	7.08	4.7	19.08	130.46	205.54
French Polynesia	1963	109.81	2.05	5.1	19.89	103.92	180.18

French Polynesia	1964	160.39	6.26	5.97	22.02	118.72	204.2
French Polynesia	1965	175.26	7.2	8.57	21.89	123.73	230.72
French Polynesia	1966	263.71	12.2	14.01	17.92	132.75	334.05
French Polynesia	1967	285.75	12.07	16.77	17.83	115.07	234.81
French Polynesia	1968	297.7	14.93	17.24	12.23	135.66	254.58
French Polynesia	1969	210.16	10.26	13.37	23.44	93.2	258.07
French Polynesia	1970	259.35	11.79	22.32	22.49	107.1	263.67
French Polynesia	1971	238.33	12.89	12.45	20.4	98.54	218.87
French Polynesia	1972	199.88	8.56	8.96	25.9	104.48	221.54
French Polynesia	1973	217.2	9.08	10.24	27.93	114.52	229.58
French Polynesia	1974	237.1	9.77	11.5	23.07	110.59	225.53
French Polynesia	1975	196.55	10.35	12.05	28.01	76.73	233.75
French Polynesia	1976	202.44	7.89	11.69	28.6	106.5	231.11
French Polynesia	1977	186.71	8.74	12.18	27.74	90.49	216.73
French Polynesia	1978	177.95	8.56	13.28	28.19	110.78	207.35
French Polynesia	1979	181.64	12.31	15.34	27.14	99.18	270.5
French Polynesia	1980	187.63	12.92	15.01	24.65	102.85	239.61
French Polynesia	1981	163.84	12.4	13.29	25.95	101.95	240.74
French Polynesia	1982	188.44	7.38	14.04	27.6	96.93	226.39
French Polynesia	1983	180.05	11.21	15.78	24.32	89	238.77
French Polynesia	1984	197.08	12.36	16.31	27.84	95.06	253.79
French Polynesia	1985	176.92	10.84	18.21	28.51	90.11	268.65
French Polynesia	1986	189.84	8.52	18.07	28.34	88.59	249.6
French Polynesia	1987	173.84	11.63	17.02	27.62	82.67	241.15
French Polynesia	1988	169.96	8.96	16.32	26.06	93.65	262.28
French Polynesia	1989	142.67	10.34	14.39	25.54	105.22	262
French Polynesia	1990	154.51	8.03	15.53	26.51	116.41	258.03
French Polynesia	1991	174.91	7.93	18.51	23.09	112.19	267.51
French Polynesia	1992	177.9	7.59	18.5	28.39	103.86	291.99
French Polynesia	1993	166.96	7.96	16.2	26.24	110.05	281.95
French Polynesia	1994	155.35	8.25	14.98	28.76	125.37	284.22
French Polynesia	1995	161.84	7.91	17.78	29.89	125.3	291.9
French Polynesia	1996	157.49	10.59	14.49	28.68	131.93	264.3
French Polynesia	1997	154.34	9.99	15.19	28.84	126.73	262.07
French Polynesia	1998	149.79	10.95	16.01	31.51	132.01	264.35
French Polynesia	1999	156.83	8.59	15.74	33.65	130.84	268.23
French Polynesia	2000	172.01	10.2	13.7	37.59	131.99	281.23
French Polynesia	2001	196.4	9.56	19.12	35.26	132.51	247.75
French Polynesia	2002	202.33	10.6	20.8	36.95	134.77	261.19
French Polynesia	2003	193.14	12.03	19.89	36.14	133.88	275.78
French Polynesia	2004	183.94	10.81	19.61	39.76	133.11	270.52
French Polynesia	2005	189.17	10.85	21.7	36.9	133.67	315.3
French Polynesia	2006	177.42	10.38	21.07	37.92	133.23	310.25
French Polynesia	2007	179.79	13.23	20.63	36.29	134.01	352.6
French Polynesia	2008	180.42	10.89	21.97	37.19	132.64	352.64
French Polynesia	2009	181.36	10.92	24.05	40.37	132.91	332.07
French Polynesia	2010	178.98	8.67	23.62	39.89	131.87	320.86
French Polynesia	2011	179.38	9.35	22.81	40	131.69	325.05
French Polynesia	2012	178.45	8.97	23.79	40.37	134.19	349.54

French Polynesia	2013	171.08	9.17	23.97	39.93	132.74	352.18
French Polynesia	2014	180	5.369863	29.31507	39.67123	134.0548	306.0274
French Polynesia	2015	171.9726	5.726027	23.72603	39.80822	132.0822	301.9452
French Polynesia	2016	174.411	5.315068	19.75342	36.73973	130.7397	274.4384
French Polynesia	2017	174.274	5.178082	20.0274	37.09589	130.0548	276.5479
Gabon	1961	116.11	2.18	0.71	8.09	71.51	498.94
Gabon	1962	120.68	2.31	0.74	7.94	68.61	484.92
Gabon	1963	104.07	2.33	0.72	8.22	68.19	499.57
Gabon	1964	153.33	2.72	0.68	7.98	64.08	483.69
Gabon	1965	120.28	2.54	0.68	7.51	63.44	496.57
Gabon	1966	113.14	1.7	0.66	8.14	61.26	491.2
Gabon	1967	124.4	2.28	0.76	9.3	56.06	501.66
Gabon	1968	84.53	2.13	0.78	12.01	64.09	496.38
Gabon	1969	91.89	2.35	0.82	12.96	65.6	529.38
Gabon	1970	103.92	1.96	0.86	14.01	67.54	520.31
Gabon	1971	115	1.92	0.77	15.35	67.09	531.22
Gabon	1972	123.74	1.81	0.79	15.57	66.77	512.46
Gabon	1973	129.52	1.85	1	14.68	71.73	462.26
Gabon	1974	158.34	1.83	1.29	15.12	65.36	450.18
Gabon	1975	223.1	0.48	1.99	15.92	98.16	445.42
Gabon	1976	280.35	0.7	2.16	15.28	85.45	436.53
Gabon	1977	292.73	1.34	3.13	13.73	95	452.53
Gabon	1978	293.74	1.73	3.71	17.84	98.77	481.93
Gabon	1979	281.93	0.89	3.41	15.26	117.25	492.52
Gabon	1980	297.85	1.54	3.74	12.39	122.49	506.22
Gabon	1981	292.54	1.39	3.97	13.81	117.33	438.06
Gabon	1982	363.77	2.84	3.13	16.14	117.66	482.97
Gabon	1983	367.49	3.93	3.38	14.07	104.41	507.12
Gabon	1984	373.65	2	3.72	16.78	123.87	541.11
Gabon	1985	389.74	2.07	3.7	7.51	115.99	528.99
Gabon	1986	365.94	2.41	4.1	7.71	110.31	527.39
Gabon	1987	320.79	2.45	4.21	10.41	115.07	491.84
Gabon	1988	360.05	1.33	4.23	9.64	108.28	497.65
Gabon	1989	278.67	1.24	4.25	19.57	91.81	491.22
Gabon	1990	250.06	0.63	4.22	13.91	87.31	457.64
Gabon	1991	274.54	1.14	4.38	13.79	91.89	501.69
Gabon	1992	225.15	1.23	4.5	14.24	93.96	493.25
Gabon	1993	214.65	1.43	4.46	15.68	127.29	473.25
Gabon	1994	186.95	1	4.45	15.16	108.41	474.23
Gabon	1995	240.7	1.31	4.64	14.78	114.84	434.75
Gabon	1996	213.16	1.12	4.64	16.33	138.65	462.39
Gabon	1997	212.29	1.07	4.7	15.31	137.29	464.11
Gabon	1998	208.61	1.08	4.66	15.44	138.26	468.67
Gabon	1999	219.65	1.22	4.76	20.86	131.8	437.7
Gabon	2000	212.05	2.51	4.7	19.77	126.57	437.15
Gabon	2001	208.6	1.76	4.57	20.87	117.97	429.32
Gabon	2002	203.2	1.05	4.34	19.64	94.65	411.94
Gabon	2003	204.87	1.84	4.14	22.53	104.22	405.28
Gabon	2004	203.08	1.56	4.23	18.76	107.17	399.56

Gabon	2005	195.03	1.23	4.15	18.62	102.13	394.52
Gabon	2006	205.59	1.75	4.31	20.05	101.6	400.99
Gabon	2007	221.31	1.33	4.21	19.41	94.58	389.85
Gabon	2008	231.73	0.96	3.91	15.61	82.62	386.78
Gabon	2009	226.75	1.28	3.27	14.57	83.96	453.95
Gabon	2010	230.15	1.75	3.36	16.75	84.07	466.07
Gabon	2011	227.39	1.64	3.27	17.45	97.37	415.63
Gabon	2012	236.98	1.83	3.32	16.58	92.62	415.8
Gabon	2013	247.28	2.16	3.34	17.68	97.59	417.43
Gabon	2014	245.8082	1.260274	2.136986	18.60274	101.0137	373.1233
Gabon	2015	241.6438	1.260274	2.767123	19.0411	94	358.6027
Gabon	2016	238.4658	1.205479	2.712329	18.46575	91.64384	352.3288
Gabon	2017	231.9178	1.205479	2.630137	18.54795	84.73973	339.3151
Gambia	1961	5.38	108.41	1.13	27.19	34.88	16.75
Gambia	1962	5.02	105.18	1.06	26.66	39.23	16.44
Gambia	1963	5.35	111.06	1.06	28.28	38.74	16.22
Gambia	1964	4.74	108.56	1.15	31.71	38.15	16.2
Gambia	1965	4.68	105.54	1.26	36.27	42.36	15.93
Gambia	1966	4.49	97.89	1.37	33.94	34.91	15.55
Gambia	1967	5.14	86.94	1.46	33.91	35.24	15.1
Gambia	1968	5.71	92.21	1.43	32.97	40.37	17.57
Gambia	1969	5.7	95.23	1.41	31.61	34.22	17.3
Gambia	1970	5.56	85.25	1.46	25.76	36.34	16.77
Gambia	1971	5.5	95.76	1.44	25.95	37.04	16.36
Gambia	1972	5.31	92.37	1.46	24.1	34.06	16.08
Gambia	1973	7.02	88.45	1.41	25.27	43.18	15.83
Gambia	1974	8.19	82.65	1.42	26.8	43.96	17.45
Gambia	1975	8.61	40.44	1.49	27.29	40.27	18.75
Gambia	1976	9.69	29.3	1.6	30.31	42.68	19.06
Gambia	1977	8.88	25.3	1.35	29.25	45.96	17.29
Gambia	1978	7.1	24.37	1.3	27.83	50.4	16.4
Gambia	1979	3.01	35.16	1.36	25.95	38.14	16.04
Gambia	1980	1.7	43.06	1.5	22.82	49.31	15.71
Gambia	1981	2.03	36.34	1.5	31.57	58.15	15.29
Gambia	1982	1.9	56.85	1.62	29.18	29.6	14.75
Gambia	1983	2.06	57.95	1.69	28.58	46.95	14.46
Gambia	1984	2.27	46.65	1.78	29.24	48.41	13.48
Gambia	1985	1.63	62.26	1.65	26.31	41.59	13.3
Gambia	1986	1.68	83.59	1.76	26.43	45.11	12.69
Gambia	1987	1.43	74.29	2	30.63	45.65	12.11
Gambia	1988	1.32	67.8	2.73	27.57	39.03	11.55
Gambia	1989	1.31	66.24	2.65	28.25	55.49	11.01
Gambia	1990	2.61	67.45	2.12	35.08	58.37	8.97
Gambia	1991	1.42	62.78	2.19	33.5	66.12	9.66
Gambia	1992	2.62	73.13	2.42	44.84	44.3	9.74
Gambia	1993	2.96	58.39	2.86	49.25	52.44	10.57
Gambia	1994	3.07	60.76	2.79	39.34	51.91	10.58
Gambia	1995	0.95	58.04	3.08	38.96	54.78	13.71
Gambia	1996	2.24	60.87	1.98	38.69	72.55	13.59



Gambia	1997	2.23	70.76	2.09	45.16	76.19	13.68
Gambia	1998	1.88	87.93	2.19	55.93	66.92	13.86
Gambia	1999	6.68	89.52	6.43	48.89	73.38	21.33
Gambia	2000	5.09	92.41	2.55	48.28	63.14	17.72
Gambia	2001	2.6	93.65	4.92	56.21	75.16	15.94
Gambia	2002	4.54	94.91	3.38	49.78	82.15	20.99
Gambia	2003	5.31	103.14	2.11	52.34	82.09	14.41
Gambia	2004	5.05	106.14	4.35	57.16	70.87	14.92
Gambia	2005	6.69	97.86	4.83	53.55	68.28	14.04
Gambia	2006	6.96	98.09	5.91	47.59	76.16	14.33
Gambia	2007	8.3	91.75	9.3	45.53	81	17.68
Gambia	2008	4.74	87.92	10.75	42.27	79.36	18.61
Gambia	2009	6.08	88.23	2.53	43.89	79.79	20.3
Gambia	2010	5.99	93.75	3.4	43.38	79.37	29.55
Gambia	2011	5.07	89.61	2.29	45.82	69.08	28.23
Gambia	2012	8.53	87.24	1.57	45.23	56.41	27.02
Gambia	2013	6.98	84.7	2.71	45.18	65.96	23.67
Gambia	2014	4.986301	64.08219	1.69863	45.36986	69.78082	15.0411
Gambia	2015	5.178082	55.69863	1.39726	43.75342	73.0411	15.56164
Gambia	2016	3.890411	59.58904	1.643836	42.71233	73.61644	16.16438
Gambia	2017	3.890411	56.0274	3.863014	42.60274	75.42466	16.82192
Georgia	1992	99.77	25.62	8.54	6.71	20.06	242.42
Georgia	1993	94.82	25.38	7.29	5.86	10.44	149.22
Georgia	1994	90.65	30.22	7.76	8.25	4.21	152.44
Georgia	1995	57.19	18.48	15.62	11.15	3.34	169.9
Georgia	1996	53.92	12.02	15.79	8.06	4.26	183.11
Georgia	1997	45.12	12.22	16.54	6.71	4.15	165.99
Georgia	1998	39.26	23.36	18.84	12.71	5.81	159.88
Georgia	1999	39.96	28.37	20.39	9.3	3.52	121
Georgia	2000	44.7	10.21	14.84	9.97	2.45	133.99
Georgia	2001	37.69	9.48	16.93	24.4	2.35	122.68
Georgia	2002	37.16	10.68	15.72	15.83	3.06	101.4
Georgia	2003	36.3	11.82	17.73	15.35	5.13	113.12
Georgia	2004	39.91	11.57	20.58	16.56	13.72	106.76
Georgia	2005	50.93	14.64	19.88	20.18	16.4	163.01
Georgia	2006	76.92	6.86	9.3	26.17	17.02	113.19
Georgia	2007	96.71	10.08	13.21	25.81	23.18	113.56
Georgia	2008	102.35	11.31	14.11	22.61	26.12	107.22
Georgia	2009	95.84	10.22	13.98	33.56	22.22	100.25
Georgia	2010	94.96	8.94	15.04	45.12	28.2	94.81
Georgia	2011	96.79	8.47	15.5	25.94	28.88	116
Georgia	2012	73.18	9.36	15.38	29.69	28.99	115.65
Georgia	2013	80.36	10.64	16.77	25.66	29.1	137.65
Georgia	2014	76.71233	7.150685	17.56164	23.20548	21.89041	130.7945
Georgia	2015	103.6438	6.876712	17.94521	24.35616	17.67123	123.0685
Georgia	2016	88.08219	7.780822	15.9726	25.20548	22	116.0274
Georgia	2017	84.05479	8.191781	16.73973	25.39726	22.0274	106.5479
Germany	1961	281.7	9.09	34.61	49.49	26.18	217.17
Germany	1962	300.47	10.09	33.52	52.44	26.77	245.82

Germany	1963	320.3	10.26	33.06	51.75	28.69	252.22
Germany	1964	344.87	10.9	34.98	52.76	28.87	227.74
Germany	1965	347.77	11.44	35.07	53.47	30.41	236.57
Germany	1966	359.97	11.41	36.44	51.67	28.11	260.98
Germany	1967	360.82	11.19	37.47	51.92	29.48	278.3
Germany	1968	373.38	11.92	38.41	52.25	31.06	316.57
Germany	1969	394.02	12.23	40.23	51.39	30.51	295.08
Germany	1970	421.34	12.46	42.66	52.14	31.85	291.4
Germany	1971	425.3	12.9	42.93	54.23	31.1	293.57
Germany	1972	438.1	13.42	44.5	54.1	28.98	283.45
Germany	1973	456.96	13.39	44.64	53.9	33.76	309.7
Germany	1974	441.83	12.6	44.88	52.94	34.27	263.62
Germany	1975	457.11	14.09	45.47	53.1	32.69	291.96
Germany	1976	468.64	14.6	45	54.59	32.21	285.88
Germany	1977	471.71	14.5	46.41	53.84	28.84	266.98
Germany	1978	456.01	15.11	45.99	54.04	28.94	287.93
Germany	1979	465.04	17.29	45.42	55.15	28.97	286.12
Germany	1980	459.53	16.83	46.76	54.15	31.15	283.98
Germany	1981	477.22	18.29	46.55	55.9	30.81	245.29
Germany	1982	508.65	18.71	47.08	54.52	30.15	305.74
Germany	1983	491.98	19.12	46.18	55.21	31.67	264.77
Germany	1984	468.7	18.09	45.79	54.49	31.79	289.79
Germany	1985	461.27	17.48	46.18	54.71	29.84	282.79
Germany	1986	477.81	19.16	45.38	52.07	32.81	313.09
Germany	1987	469.24	20.29	44.36	54.22	29.8	304.05
Germany	1988	468.95	20.22	43.69	56.13	31.08	324.13
Germany	1989	484.27	20.59	42.69	55.33	33.93	312.29
Germany	1990	467.9	23.25	39.07	58.86	37.91	321.59
Germany	1991	471.87	20.88	39.54	64.59	35.68	284.23
Germany	1992	478.45	21.61	37.33	63.54	36.78	320.78
Germany	1993	423.69	22.49	32.19	64.44	35.68	245.06
Germany	1994	427.85	20.33	33.64	63.66	37.88	247.35
Germany	1995	415.33	19.95	33.07	65.66	37.53	221.9
Germany	1996	409.99	19.68	34.27	69.05	36.47	267.92
Germany	1997	404.45	19.42	34.72	68.78	37.2	238.66
Germany	1998	408.35	19.48	34.64	67.99	40.41	236.21
Germany	1999	415.01	21.17	33.52	66.94	33.46	231.73
Germany	2000	408.72	18.3	33.77	68.95	36.71	314.47
Germany	2001	402.72	20.02	34.05	64.93	41.21	245.78
Germany	2002	392.61	18.75	34	64.64	37.52	267.42
Germany	2003	367.85	20.88	32.6	65.36	38.13	250.44
Germany	2004	368.14	23.6	32.63	66.83	36.76	234.26
Germany	2005	361.21	18.76	31.83	66.86	38.54	242.4
Germany	2006	382.9	19.51	33.07	65.77	40.63	234.1
Germany	2007	377.88	20.3	32.69	68.91	42.34	231.59
Germany	2008	365.1	21.67	33.22	70.24	40.42	225.61
Germany	2009	361.19	19.28	33.45	68.97	39.25	226.86
Germany	2010	343.13	18.24	34.04	69.66	38.92	219.11
Germany	2011	355.86	18.46	34.76	69.49	39.44	245.59

Germany	2012	353.48	21.77	32.75	69.85	37.34	244.87
Germany	2013	349.26	21.42	33.43	69.55	34.4	246.08
Germany	2014	362.4384	19.80822	29.23288	38.73973	36	193.6438
Germany	2015	359.3425	20	30.05479	37.15068	35.56164	201.863
Germany	2016	348.5753	20.87671	31.64384	40.71233	37.75342	207.1507
Germany	2017	349.0685	18.9863	30.73973	43.36986	34.9589	189.5068
Ghana	1961	5.94	46.83	1.3	14.68	47.06	301.49
Ghana	1962	8.25	44.49	1.25	14.65	41.15	287.41
Ghana	1963	7.57	44.88	1.26	14.58	47.33	294.62
Ghana	1964	8.93	45.73	1.38	15.17	43.48	288.89
Ghana	1965	11.65	35.16	1.52	17.52	40.79	294.9
Ghana	1966	10.08	48.65	1.62	16.66	48.07	291.16
Ghana	1967	8.47	40.94	1.67	16.47	48.94	311.99
Ghana	1968	9.17	33.28	1.71	17.31	36.07	316.69
Ghana	1969	11.14	34.03	1.76	17.57	52.74	308.78
Ghana	1970	12.62	52.58	1.86	17.56	78.46	349.83
Ghana	1971	13.4	64.58	1.91	17.59	95.05	345.93
Ghana	1972	13.39	61.11	2.04	17.55	107.53	332.65
Ghana	1973	20.03	54.22	2.12	17.77	88.55	356.54
Ghana	1974	22.14	59.46	2.05	18.59	87.09	371.14
Ghana	1975	17.96	46.71	2.11	18.68	91.96	423.4
Ghana	1976	21.6	58.77	2.05	18.88	106.01	388.03
Ghana	1977	19.55	47.56	2.63	17.98	91.36	275.48
Ghana	1978	13.44	38	2.63	18.54	82.53	262.72
Ghana	1979	12.16	49.72	2.6	17.15	69.37	228.51
Ghana	1980	11.65	40.2	2.32	17.02	60.49	246.22
Ghana	1981	13.37	36.54	2.02	14.98	58.06	306.07
Ghana	1982	8.24	37.24	1.65	15.39	55.55	258.88
Ghana	1983	7.52	34.78	1.39	16.49	56.83	251.1
Ghana	1984	10.33	42.89	1.28	18.2	57.57	319.43
Ghana	1985	9.57	38.2	1.18	18.97	60.19	319.83
Ghana	1986	11.59	31.89	1.08	20.78	68.73	257.63
Ghana	1987	12.18	46.88	1.34	20.45	77.66	248.26
Ghana	1988	12.33	40.56	1.28	21.17	69.35	263.2
Ghana	1989	12.44	38.24	1.36	21.24	71.54	227.72
Ghana	1990	11.92	37.05	1.47	20.16	73.51	176.61
Ghana	1991	10.57	45.78	1.54	18.78	65.19	241.43
Ghana	1992	11.68	48.81	1.59	19.89	78.4	221.54
Ghana	1993	10.89	59.71	1.69	19.64	67.75	257.49
Ghana	1994	11.52	59.82	1.67	19.76	57.53	282.77
Ghana	1995	11.61	63.73	1.66	18.55	60.09	306.05
Ghana	1996	12.08	60.96	1.67	14.9	85	339.75
Ghana	1997	12.18	53.08	1.99	15.4	93.68	332.57
Ghana	1998	13.24	55.57	2.14	18.8	87.55	342.86
Ghana	1999	13.4	52.38	2.24	19.4	89.32	354.07
Ghana	2000	12.67	44.91	2.39	20.07	85.25	335.44
Ghana	2001	12.3	42.41	2.38	18.52	77.79	348.58
Ghana	2002	16.69	42.25	2.43	24.89	74.1	366.71
Ghana	2003	15.78	45.34	2.45	22.36	60.75	368.24

Ghana	2004	17.64	41.21	2.5	21.28	84.44	376.09
Ghana	2005	18.81	43.07	2.43	22.85	75.17	424.73
Ghana	2006	18.67	43.7	2.61	25.51	84.05	421.16
Ghana	2007	17.75	23.65	2.86	21.31	83.39	467.82
Ghana	2008	18.8	43.26	2.99	24.2	74.94	473.9
Ghana	2009	18.07	46.74	3.18	22.67	68.6	487.73
Ghana	2010	11.31	41.64	3.11	24.53	66.26	483.07
Ghana	2011	15.29	35.83	3.29	18.36	76.6	541.22
Ghana	2012	17.54	34.41	3.22	22.38	68.01	549.14
Ghana	2013	14.09	30.34	3.31	21.09	71.94	558.14
Ghana	2014	15.61644	34.24658	3.068493	18.13699	61.64384	519.5068
Ghana	2015	15.89041	29.0137	3.39726	17.72603	67.67123	513.2877
Ghana	2016	16.9863	25.78082	3.342466	18.16438	71.45205	516.0548
Ghana	2017	18.73973	25.50685	3.287671	18.65753	69.89041	504.8493
Greece	1961	110.4	2.55	15.62	49.87	44.45	380.95
Greece	1962	105.18	2.83	15.81	50.2	43.48	365.22
Greece	1963	101.68	3.04	19.54	49.73	46.24	346.38
Greece	1964	102.98	3.21	18.72	50.17	44.24	387.73
Greece	1965	105.82	3.36	24.89	48.28	49.72	365.41
Greece	1966	113.33	3.39	26.28	48.94	49.13	403.59
Greece	1967	114.71	3.8	25.35	48.01	47.28	364.23
Greece	1968	115.9	3.95	25.75	55.52	51.95	405.41
Greece	1969	119.65	4.18	27.76	54.45	47.97	381.09
Greece	1970	113.99	3.99	27.74	58.58	40.26	355.1
Greece	1971	100.07	4.17	30.6	66.24	41.64	339.78
Greece	1972	98.12	4.7	29.48	60.64	36.41	334.19
Greece	1973	102.42	4.73	28.67	69.71	44.97	367.67
Greece	1974	120.44	4.46	28.85	63.46	38.68	378.03
Greece	1975	114.03	5.54	28.58	65.26	39.98	330.28
Greece	1976	112.77	5.18	30.98	63.91	42.35	342.3
Greece	1977	118.99	3.4	29.18	67.79	40.61	302.69
Greece	1978	130.24	3.38	31.27	64.89	43.26	293.34
Greece	1979	134.69	5.77	33.08	65.68	44.73	272.67
Greece	1980	141.91	6.11	29.93	63.65	43.83	362.38
Greece	1981	158.88	6.54	30.54	63.62	47.68	448.77
Greece	1982	161.68	6.7	31.76	64.57	50.91	387.11
Greece	1983	164.01	6.98	30.87	68.11	44.8	425.87
Greece	1984	170.03	7.85	32.43	73.54	46.84	438.61
Greece	1985	169.85	7.72	34.29	74.2	48.9	405.98
Greece	1986	177.31	5.96	33.28	63.8	50.63	374.03
Greece	1987	161.18	8.03	29.65	67.25	51.7	381.32
Greece	1988	193.2	8.48	31.03	69.62	47.32	508.19
Greece	1989	174.81	9.39	31.18	69.35	53.37	487.45
Greece	1990	179.99	10.28	30.01	67.95	55.79	482.98
Greece	1991	163.55	5.63	28.93	68.82	56.32	423.67
Greece	1992	167.38	5.56	28.31	70.78	58.43	501.43
Greece	1993	164.67	3.74	28.48	68.38	61.55	505.07
Greece	1994	155.85	5.82	27.91	68.96	68.41	527.61
Greece	1995	152.05	6.36	26.77	66.38	60.87	428.47

Greece	1996	150	11.61	27.56	68.37	66.22	423.6
Greece	1997	164.73	10.75	27.37	67.15	68.8	423.18
Greece	1998	170.05	9.3	27.39	67	62.9	416.2
Greece	1999	190.83	10.38	28.5	65.92	62.86	530.35
Greece	2000	178.19	11.87	27.26	58.8	60.07	492.24
Greece	2001	191.92	8.56	26.15	61.03	60.91	507.38
Greece	2002	198.75	13.2	25.19	63.66	57.16	494.78
Greece	2003	150.61	15.13	24.28	63.99	58.58	441.9
Greece	2004	179.84	14.01	25.07	64.49	55.19	535.91
Greece	2005	177.37	13.58	25.28	65.19	58.02	502
Greece	2006	204.45	13.79	24.08	61.58	60.6	437.02
Greece	2007	178.83	16.09	24.14	61.37	58.31	466.95
Greece	2008	184.77	15.76	24.72	62.44	60.53	424.06
Greece	2009	177.47	15.29	26.72	65.48	58.46	436.9
Greece	2010	165.51	15.92	24.63	65.98	51.63	368.05
Greece	2011	148.96	16.84	23.01	68.92	54.79	395.97
Greece	2012	155.4	17.08	24.52	65.82	49.61	384.02
Greece	2013	150.9	19.06	27.76	66.88	52.86	358.43
Greece	2014	155.4795	12.9863	23.50685	73.94521	48.65753	327.1781
Greece	2015	117.2055	12.9863	22.79452	73.91781	49.17808	361.8356
Greece	2016	118.2466	12.84932	22.43836	77.12329	56.27397	314.137
Greece	2017	118.4384	13.58904	23.56164	74.0274	53.26027	365.5342
Grenada	1961	30.41	0.69	16.44	16.9	58.7	429.27
Grenada	1962	23.88	0.72	16.11	17.55	69.98	434.66
Grenada	1963	25.43	0.66	16.38	18.7	70.7	446.14
Grenada	1964	24.63	0.65	16	18.78	74.33	450.71
Grenada	1965	26.76	0.64	15.86	18.69	79.3	453.99
Grenada	1966	31.4	0.73	15.57	19.25	83.62	478.08
Grenada	1967	30.82	0.9	15.52	19.36	70.64	471.62
Grenada	1968	41.99	0.97	17.97	20.34	57.67	461.55
Grenada	1969	43.45	1.65	20.36	21.58	87.95	446.33
Grenada	1970	48.56	1.52	22.09	23.8	85.98	445.49
Grenada	1971	54.33	2.16	21.01	24.31	99.09	458.06
Grenada	1972	51.56	2.08	19.7	24.9	99.09	462.89
Grenada	1973	47.83	2.17	21.54	23.9	88.9	483.03
Grenada	1974	40.62	2.88	22.89	22.57	87.9	477.25
Grenada	1975	47.27	3.15	23.17	23.54	90.83	451.68
Grenada	1976	53.83	4.25	23.57	22.78	100.85	459.63
Grenada	1977	66.15	2.56	22.44	22.97	109.83	466.97
Grenada	1978	54.37	3.37	22.5	22.35	103.09	516.03
Grenada	1979	60.03	2.81	22.69	23.54	79.81	511.25
Grenada	1980	56.31	3.4	21.98	24.16	78.96	487.86
Grenada	1981	56.42	2.36	23.54	23.25	56.68	503.54
Grenada	1982	56.69	2.64	20.83	23.26	60.62	482.14
Grenada	1983	52.8	1.14	20.32	21.01	65.69	443.48
Grenada	1984	48.31	1.84	20.41	24.97	76.4	428.44
Grenada	1985	50.74	2.13	19.56	22.67	83	404.4
Grenada	1986	52.72	2.24	19.45	23.54	91.68	371.33
Grenada	1987	66.15	4.19	19.54	43.06	98.66	487.38

Grenada	1988	62.18	3.08	19.68	32.72	93.52	479.68
Grenada	1989	63.35	1.74	20.05	32.21	90.44	499.8
Grenada	1990	74.77	3.03	23.12	34.93	93.58	488.54
Grenada	1991	71.92	1.03	24.63	33.32	101.79	485.01
Grenada	1992	78.24	0.61	22.23	30.89	90.81	478.77
Grenada	1993	63.02	0.55	17.19	33.62	85.67	487.3
Grenada	1994	76.19	1.13	16.99	32.36	66.72	525.56
Grenada	1995	75.14	0.99	16.68	32.68	57.42	509.86
Grenada	1996	66.73	1.58	15.98	34.5	83.21	519.39
Grenada	1997	72.8	0.95	17.04	33.56	53.82	520.56
Grenada	1998	70.6	2.11	16.28	34.32	66.09	572.22
Grenada	1999	86.05	1.61	17.63	32.17	62.95	666.87
Grenada	2000	76.25	2.23	17.89	34.04	53.08	467.95
Grenada	2001	74.83	1.13	17.73	37.37	93.88	448.85
Grenada	2002	88.29	5.24	21	22.56	96.55	568.47
Grenada	2003	87.39	4.05	19.37	22.35	109.38	637.16
Grenada	2004	87.37	2.31	18.67	23.59	105.54	564.82
Grenada	2005	101.82	3.88	22.88	31.4	101.4	453.16
Grenada	2006	81.75	3.88	24.9	34.7	104.93	482.84
Grenada	2007	69.26	14.35	24.84	35.9	110.17	516.82
Grenada	2008	85.8	2.59	24.66	35.92	109.27	441.46
Grenada	2009	87.25	5.48	26.59	33.7	100.67	381.94
Grenada	2010	82.42	2.53	28.26	41.68	85.2	427.47
Grenada	2011	81.95	3.03	28.31	41.29	78.52	406.42
Grenada	2012	76.56	1.46	28.28	39.16	78.52	431.59
Grenada	2013	83.31	1.28	28.33	38.71	77.77	449.72
Grenada	2014	82.82192	0.90411	26.60274	36.49315	75.86301	358.6575
Grenada	2015	86.65753	0.410959	26.49315	41.23288	74.82192	375.0137
Grenada	2016	87.45205	1.452055	26.54795	36.19178	68.08219	362.8493
Grenada	2017	88.82192	1.643836	26.54795	32.30137	74.30137	357.0959
Guatemala	1961	18.54	7.75	16.18	8.79	1.43	100.18
Guatemala	1962	17.41	8.42	15.73	10.54	1.12	102.1
Guatemala	1963	18.64	8.82	15.92	11.74	1.2	104.63
Guatemala	1964	19.65	8.68	15.45	12.16	1.39	105.32
Guatemala	1965	20.5	9.9	15.09	12.79	1.68	103.61
Guatemala	1966	20.72	8.45	14.96	12.31	1.24	106.38
Guatemala	1967	19.66	9.5	14.78	11.74	1.24	105.09
Guatemala	1968	19.21	9.06	14.8	12.35	1.11	104.72
Guatemala	1969	20.11	9.09	14.47	12.02	1.19	100.24
Guatemala	1970	20.75	8.45	14.05	12.55	1.23	98.24
Guatemala	1971	22.75	8.9	14.12	12.77	1.25	98.54
Guatemala	1972	24.26	8.95	14.03	12.88	1.62	97.43
Guatemala	1973	29.4	9.79	13.87	13.26	1.66	97.79
Guatemala	1974	31.29	10.15	13.7	13.58	1.99	98.32
Guatemala	1975	32.36	9.7	13.06	14.31	2.13	99.72
Guatemala	1976	34.08	9.87	12.01	13.84	1.87	89.69
Guatemala	1977	32.4	10.38	15.16	16.04	1.68	93.24
Guatemala	1978	35.25	11.11	15.01	17.06	2.42	92.42
Guatemala	1979	34.51	11.35	14.81	18.5	2.77	85.26

Guatemala	1980	34.08	17.58	17.34	18.6	2.04	90.25
Guatemala	1981	37.45	18.9	14.18	20.46	2.22	114.71
Guatemala	1982	35.2	20.6	15.31	15.57	1.69	123.03
Guatemala	1983	31.93	16.88	15.92	12.34	1.07	119.43
Guatemala	1984	33.22	16.11	16.57	11.56	0.94	114.9
Guatemala	1985	33.96	10.31	17.84	13.79	1.04	126.99
Guatemala	1986	28.68	6.04	18.03	16.81	0.65	124.31
Guatemala	1987	34.16	4.99	18.38	12.93	1.11	120.75
Guatemala	1988	36.97	4.39	19.33	13.03	1.86	129.45
Guatemala	1989	27.77	5.04	18.46	16.84	1.51	139.33
Guatemala	1990	28.61	4.57	18.16	17.44	2.53	143.86
Guatemala	1991	25.97	3.18	18.5	15.91	1.91	134.9
Guatemala	1992	27.28	5.05	19.35	14.54	2.23	119.53
Guatemala	1993	25.15	3.89	21.52	13.01	2.29	167.29
Guatemala	1994	24.14	1.33	22.45	12.65	2.3	173.57
Guatemala	1995	29.86	0.71	23.7	10.85	2.89	188.46
Guatemala	1996	29.28	8.06	24.31	11.39	2.33	191.37
Guatemala	1997	29.63	6.74	21.78	11.13	3.15	195.53
Guatemala	1998	29.65	10.17	19.69	12.75	3.95	202.15
Guatemala	1999	23.63	6.37	18.19	14.27	4.63	194.5
Guatemala	2000	25.29	5.44	18.06	16.66	4.24	188.25
Guatemala	2001	25.76	4.19	29.4	17.77	4.52	166.5
Guatemala	2002	27.41	4.56	39.73	19.74	8.03	189.62
Guatemala	2003	21.37	3.57	40.16	21.76	7.37	157.12
Guatemala	2004	18.45	10.79	39.73	21.45	4.2	161.99
Guatemala	2005	20.22	7.48	39.7	23.92	8.75	184.98
Guatemala	2006	33.37	7.57	39.79	24.75	7.52	201.62
Guatemala	2007	31.34	7.88	39.8	26.01	5.98	186
Guatemala	2008	30.58	5.66	40	25.36	5.53	185.88
Guatemala	2009	36.23	3.72	39.85	22.19	4.34	192.14
Guatemala	2010	34.34	3.78	40	22.72	3.88	190.9
Guatemala	2011	35.79	3.55	39.85	23.79	3.74	190.57
Guatemala	2012	32.69	10.43	39.93	21.56	3.64	178.01
Guatemala	2013	35.33	8.87	40.04	23.31	3.55	168.4
Guatemala	2014	43.50685	9.972603	37.50685	21.15068	7.506849	170.0548
Guatemala	2015	48	9.39726	38.35616	22.41096	7.369863	168.8767
Guatemala	2016	47.23288	9.69863	37.61644	22.41096	7.232877	176.2466
Guatemala	2017	42.71233	7.39726	36.9589	23.20548	7.09589	171.9726
Guinea	1961	5.6	0	2.04	24.44	3.02	299.11
Guinea	1962	5.37	3.89	2.07	26.05	2.97	324.94
Guinea	1963	5.04	1.32	2.1	29.45	2.92	288.4
Guinea	1964	4.89	2.88	2.13	27.81	3.6	307.06
Guinea	1965	4.74	0	2.16	30.58	3.54	315.51
Guinea	1966	4.65	0.4	2.18	33.44	3.48	294.18
Guinea	1967	4.51	0.34	2.2	35.49	4.09	310.14
Guinea	1968	4.49	0.4	2.22	35.86	4.01	296.52
Guinea	1969	4.42	0.46	2.24	35.17	5.94	307.64
Guinea	1970	4.37	0.33	2.16	37.07	5.86	290.86
Guinea	1971	4.32	1.61	2.02	36.09	7.34	312.72

Guinea	1972	4.3	3.2	2.25	34.01	9.85	322.35
Guinea	1973	4.3	3.96	2.4	36.58	11.23	319.35
Guinea	1974	3.29	8.09	2.57	34.44	12.93	305.36
Guinea	1975	3.68	6.67	2.78	34.82	14.04	307.21
Guinea	1976	4.08	8.13	2.9	33.54	13.19	332.75
Guinea	1977	4.47	7.59	3.05	36.04	13.74	319.54
Guinea	1978	4.04	8.47	3.25	36.86	13.53	307.76
Guinea	1979	2.51	7.67	3.25	36.65	17.35	358.49
Guinea	1980	2.06	7.01	3.24	34.66	18.75	354.89
Guinea	1981	1.8	7.01	3.21	35.79	19.17	336.23
Guinea	1982	1.59	6.81	3.07	33.77	20.91	324.52
Guinea	1983	1.48	5.72	3.01	32.9	21.97	329.79
Guinea	1984	1.45	8.06	2.91	32.42	23.2	339.01
Guinea	1985	1.8	7.79	2.69	31.28	20.89	337.64
Guinea	1986	2.93	1.35	3.21	29.83	24.97	334.4
Guinea	1987	3.33	0.74	3.12	28.48	22.41	328.16
Guinea	1988	3.42	6.91	3.11	26.6	23.46	319.55
Guinea	1989	9.02	8.65	3.07	28.01	23.33	330.83
Guinea	1990	2.04	10.72	3.01	28.95	25.44	337.67
Guinea	1991	5.1	11.31	2.93	31.32	28.36	320.24
Guinea	1992	5.55	9.73	2.91	34.36	29.92	337.35
Guinea	1993	5.5	8.93	2.81	37.99	29.97	312.12
Guinea	1994	5.07	6.71	2.8	31.9	29.45	320.72
Guinea	1995	3.72	3.35	2.81	35.16	30.33	299.96
Guinea	1996	2.55	2.65	2.84	36.76	28	290.28
Guinea	1997	3.7	1.48	2.88	31.71	27.39	281.66
Guinea	1998	4.88	2.59	2.99	32.04	29.33	283.92
Guinea	1999	4.53	2.81	3.11	34.83	34.61	296.69
Guinea	2000	4.23	2.43	3.17	36.38	28.37	270.98
Guinea	2001	3.12	2.29	3.3	33.87	31.98	284.44
Guinea	2002	3.51	1.98	4.21	35.15	27.25	301.72
Guinea	2003	5.39	2.88	4	37.94	35.15	304.7
Guinea	2004	4.11	2.82	4.23	40.08	26.08	307.12
Guinea	2005	4.16	2.41	4.51	38.76	26.09	303.71
Guinea	2006	5.09	2.27	4.6	39.67	24.93	276.32
Guinea	2007	5.03	2.27	4.77	38.73	20.29	270.81
Guinea	2008	5.1	5.25	4.92	38.05	22.99	269.1
Guinea	2009	4	5.31	5.08	37.67	31.51	276.34
Guinea	2010	2.98	3.92	4.97	39.74	26.87	267.28
Guinea	2011	6.51	5.73	5.03	41.61	26.46	266.26
Guinea	2012	5.23	3.01	5.18	40.9	25.79	263.91
Guinea	2013	6.95	3.36	5.34	40.68	25.15	243.31
Guinea	2014	5.205479	4.712329	5.315068	42.9863	29.80822	266.8493
Guinea	2015	7.452055	3.068493	5.232877	42.73973	28.19178	262.4658
Guinea	2016	10.32877	1.726027	5.123288	40.32877	28.43836	256.9863
Guinea	2017	9.589041	3.260274	5.09589	41.58904	27.64384	251.1507
Guinea-Bissau	1961	11.91	21.34	0.5	31.67	5.13	124.61
Guinea-Bissau	1962	13.36	21.14	0.5	30.93	4.67	124.16
Guinea-Bissau	1963	17.9	21.21	0.5	30.61	5.07	123.46



Guinea-Bissau	1964	19.3	20.98	0.58	29.14	4.61	129.05
Guinea-Bissau	1965	19.25	21.77	0.57	31.85	5	128.87
Guinea-Bissau	1966	24.25	27.6	0.59	30.24	4.15	125.39
Guinea-Bissau	1967	22.1	27.54	0.59	27.36	4.35	127.22
Guinea-Bissau	1968	24.87	23.98	0.64	27.7	6.58	126.73
Guinea-Bissau	1969	26.58	20.39	0.64	25.84	6.93	128.68
Guinea-Bissau	1970	25.29	20.06	0.63	25.37	9.24	129.93
Guinea-Bissau	1971	28.25	16.44	0.69	23.92	9.03	129.31
Guinea-Bissau	1972	26.98	17.99	0.67	33.51	9.91	127.04
Guinea-Bissau	1973	29.54	23.6	0.65	21.27	10.36	123.8
Guinea-Bissau	1974	29.62	21.73	0.64	29.74	7.19	119.9
Guinea-Bissau	1975	26.96	24.13	0.69	27.63	6.58	121.13
Guinea-Bissau	1976	20.77	28.62	0.68	29.01	11.18	121.34
Guinea-Bissau	1977	26.36	39.97	0.74	33.75	7.94	123.35
Guinea-Bissau	1978	12.77	41.24	0.74	31.62	9.44	119.61
Guinea-Bissau	1979	19.06	46.5	0.73	28.87	4.33	126.57
Guinea-Bissau	1980	8.75	58.57	0.79	30.13	12.07	131.19
Guinea-Bissau	1981	26.62	62.22	0.84	26.49	4.37	124.89
Guinea-Bissau	1982	16.57	86.78	0.89	26.89	8.7	125.26
Guinea-Bissau	1983	16.8	71.78	0.93	25.17	5.18	126.71
Guinea-Bissau	1984	14.74	76.36	1.03	27.44	4.32	127.48
Guinea-Bissau	1985	14.73	63.67	1.07	41.16	6.2	127.8
Guinea-Bissau	1986	6.25	59.32	1.16	41.93	10.81	131.42
Guinea-Bissau	1987	12.54	52.69	1.25	32.96	12.9	139.55
Guinea-Bissau	1988	17.99	62.19	1.22	27.66	12.75	141.57
Guinea-Bissau	1989	18.3	45.17	1.19	28.94	13.8	145.14
Guinea-Bissau	1990	24.44	39.73	1.07	34.33	10.83	146.43
Guinea-Bissau	1991	18.7	55.07	1.24	30.79	9.19	151.33
Guinea-Bissau	1992	19.34	43.7	1.21	41.72	14.28	152.57
Guinea-Bissau	1993	22.74	50.22	1.24	33.78	12.3	153
Guinea-Bissau	1994	22.99	51.21	1.16	34.69	12.38	151.91
Guinea-Bissau	1995	19.86	59.86	1.13	34.44	13.59	151.88
Guinea-Bissau	1996	15.78	54.49	1.3	32.52	14.12	154.13
Guinea-Bissau	1997	19.93	25.37	1.63	30.95	15.12	153.63
Guinea-Bissau	1998	14.11	35.55	1.64	31.74	12.57	158.17
Guinea-Bissau	1999	14.27	37.12	1.73	29.76	11.15	159.34
Guinea-Bissau	2000	27.1	44.27	1.75	32.74	8.58	152.7
Guinea-Bissau	2001	20.6	44.76	2.13	30.72	8	150.26
Guinea-Bissau	2002	21.38	38.49	1.82	33.33	8.49	150.96
Guinea-Bissau	2003	19.71	30.44	1.72	33.1	4.83	141.71
Guinea-Bissau	2004	21.78	45.79	1.79	35.39	2.99	145.23
Guinea-Bissau	2005	23.93	60.29	1.78	36.32	4.62	151.4
Guinea-Bissau	2006	19.76	63.97	1.86	36.19	3.57	151.24
Guinea-Bissau	2007	21.84	51.42	1.9	40.49	4.02	140.1
Guinea-Bissau	2008	19.49	49.53	1.93	39.44	7.28	140.48
Guinea-Bissau	2009	24.19	40.44	1.94	39.71	4.7	146.93
Guinea-Bissau	2010	25.39	39.25	1.9	40.56	3.1	145.9
Guinea-Bissau	2011	30.21	35.7	1.89	41.33	4.13	148.09
Guinea-Bissau	2012	28.63	36.12	1.94	41.9	5.33	149.24

Guinea-Bissau	2013	24.93	40.26	1.9	41.91	3.83	147.72
Guinea-Bissau	2014	28.68493	28.27397	2.356164	40.52055	3.863014	140.8767
Guinea-Bissau	2015	29.0137	22.73973	2.821918	39.61644	3.780822	138.5479
Guinea-Bissau	2016	29.58904	23.17808	2.657534	37.75342	3.616438	133.5616
Guinea-Bissau	2017	30.35616	22.63014	2.219178	39.34247	3.561644	136.3014
Guyana	1961	33.06	4.91	7.24	22.1	69.35	190.3
Guyana	1962	30.33	5.08	7.34	21.9	60.91	187.8
Guyana	1963	27.15	3.69	8.11	21.03	65.16	177.68
Guyana	1964	29.56	5.56	8.4	21.27	68.75	196.49
Guyana	1965	33.96	5.57	8.44	21.43	67.36	198.65
Guyana	1966	37.59	5.05	8.5	21.41	67.73	223.86
Guyana	1967	40.01	5.48	9.97	21.93	70.76	184.23
Guyana	1968	34.03	5.51	10.5	22.27	72.95	176.6
Guyana	1969	39.17	3.49	13.13	21.88	76.85	178.82
Guyana	1970	36.46	3.3	14.64	22.3	79.62	178.27
Guyana	1971	36.78	4.06	16.87	22.24	61.34	188.72
Guyana	1972	39.61	4.55	18.65	21.19	47.66	189.24
Guyana	1973	44.37	4.78	21.56	21.23	50.35	200.52
Guyana	1974	45.73	5.63	21.62	22.6	66.34	124.16
Guyana	1975	51.95	5.23	22.82	22.67	58.97	148.17
Guyana	1976	68.91	5.46	24.46	23.3	63.09	148.19
Guyana	1977	76.83	5.17	25.4	18.86	102.4	186.6
Guyana	1978	69.67	5.44	23.24	24.15	106.4	156.77
Guyana	1979	67.87	7.05	23.3	26.31	108.26	128.26
Guyana	1980	77.25	6.99	21.25	26.06	104.46	114.33
Guyana	1981	71.8	5.73	21.46	22.48	109	151.85
Guyana	1982	66.82	4.32	15.35	19.31	109.03	185.37
Guyana	1983	51.83	3.66	9.13	13.78	117.97	213.45
Guyana	1984	49.51	1.29	9.08	12.91	127.09	246.2
Guyana	1985	65.71	1.35	7.17	10.83	129.62	259.72
Guyana	1986	72.66	1.58	7.2	13.53	126.37	252.83
Guyana	1987	61.91	0.89	8.51	14.28	125.09	212.38
Guyana	1988	82.86	1.12	9.43	5.24	124.47	223.49
Guyana	1989	72.45	1.13	6.09	7.9	119.88	231.63
Guyana	1990	72.11	1.29	5.62	9.54	125.29	205.76
Guyana	1991	79.71	1.29	0.97	10.31	133.57	205.32
Guyana	1992	89.74	1.25	1.1	11.89	137.53	226.93
Guyana	1993	68.62	1.29	1.23	9.58	148.64	248.18
Guyana	1994	72.65	1.28	2.86	14.25	159.52	293.32
Guyana	1995	60.88	1.43	4.95	10.68	161.32	292.1
Guyana	1996	59.89	1.44	5.55	13.47	161.48	256.04
Guyana	1997	76.62	2.07	5.18	13.3	162.27	262.06
Guyana	1998	70.86	1.73	4.18	14.45	139.26	209.15
Guyana	1999	67.87	1.71	3.86	16.09	143.64	225.95
Guyana	2000	66.72	1.38	5.3	13.95	114.6	323.17
Guyana	2001	65.8	1.67	4.73	18.24	103.27	311.36
Guyana	2002	60.77	2.25	3.16	16.66	96.35	264.79
Guyana	2003	55.68	6.83	0.82	12.18	110.9	226.49
Guyana	2004	57.54	3.11	4.43	13.26	103.97	193.43

Guyana	2005	65.06	2.56	3.89	13.59	91.58	246.91
Guyana	2006	58.27	3.01	2.65	16.6	69.84	195.79
Guyana	2007	54.83	3.94	0.22	13.6	62.74	195.1
Guyana	2008	57.23	6.37	3.49	10.27	50.38	179.86
Guyana	2009	70.65	6.18	1.01	10.68	67.26	211.31
Guyana	2010	65.85	4.16	2.22	12.41	82.94	216.01
Guyana	2011	83.48	5.16	3.57	13.04	80.82	183.75
Guyana	2012	86.98	4.56	3.35	13.01	87.44	199.54
Guyana	2013	99.52	4.63	2.16	12.06	80.93	230.75
Guyana	2014	88	3.616438	4.136986	15.53425	84.82192	230.1918
Guyana	2015	89.28767	3.671233	4.657534	15.53425	84.35616	321.1233
Guyana	2016	90.9863	3.616438	3.452055	14.21918	83.94521	338.4932
Guyana	2017	91.80822	3.643836	5.09589	14.32877	83.50685	366.3288
Haiti	1961	35.32	6.73	0.97	6.95	3.22	317.37
Haiti	1962	34.86	6.79	0.96	7.72	2.83	318.33
Haiti	1963	34.66	6.33	0.96	7.28	3.33	321.96
Haiti	1964	28.59	6.21	0.95	7.46	3.57	325.98
Haiti	1965	29.29	7.03	0.95	7.77	3.55	325.95
Haiti	1966	28	6.97	0.94	7.57	4.89	327.66
Haiti	1967	24.49	7.22	0.94	7.54	4.05	332.31
Haiti	1968	25.51	7.07	0.94	7.61	3.95	337.44
Haiti	1969	26.26	6.24	0.94	7.4	4.18	341.03
Haiti	1970	27	7.24	0.95	6.65	3.13	344.75
Haiti	1971	27.11	7.31	0.96	6.99	2.66	347.14
Haiti	1972	27.26	6.73	0.96	7.03	3.83	349.74
Haiti	1973	27.95	6.95	0.95	6.9	4	354.23
Haiti	1974	28.02	6.24	0.96	6.27	4.17	358.52
Haiti	1975	28.03	6.4	1.02	7.06	4.74	356.72
Haiti	1976	28.13	6.42	1	9.43	5.46	358.04
Haiti	1977	27.46	5.29	0.99	9.17	5.65	349.11
Haiti	1978	27.36	5.3	1.36	9.6	7.54	354.46
Haiti	1979	27.7	7.57	1.44	8.9	7.54	360.31
Haiti	1980	28.08	7.53	1.43	9.18	9.65	358.68
Haiti	1981	27.98	7.83	1.38	12.39	8.31	362.58
Haiti	1982	29.04	8.1	1.43	11.81	9.26	360.54
Haiti	1983	22.61	7.66	1.88	11.61	9.08	358.25
Haiti	1984	19.12	8.95	1.85	12.76	12.27	358.12
Haiti	1985	27.43	8.79	1.98	13.25	11.62	355.35
Haiti	1986	24.38	7.59	1.94	14.38	11.67	341.01
Haiti	1987	21.88	7.52	1.92	7.5	10.96	336.41
Haiti	1988	24.34	9.02	1.77	6.8	9.24	313
Haiti	1989	25.24	9.4	1.81	6.97	9.96	313.14
Haiti	1990	24.81	10.28	1.63	10.64	9.53	298.56
Haiti	1991	22.06	9.36	1.63	10.99	6.3	270.51
Haiti	1992	18.87	6.82	1.2	12.36	6.28	238.77
Haiti	1993	18.6	8.75	1.16	10.78	6.93	204.5
Haiti	1994	18.25	8.5	1.21	12.57	6.32	230.41
Haiti	1995	22.01	6.65	1.35	13.12	7.14	220.97
Haiti	1996	24.68	5.94	1.24	13.75	6.53	220.64

Haiti	1997	24.62	7.55	1.26	19.91	6.99	218.51
Haiti	1998	24.26	6.18	1.08	21.63	7.89	231.04
Haiti	1999	24.34	7.09	1.13	23.47	8.5	232.02
Haiti	2000	20.56	7.77	1.22	25.29	6.4	244.9
Haiti	2001	20.24	7.32	1.23	23.78	7.52	226.56
Haiti	2002	20.12	7.37	1.22	23.23	5.93	226.74
Haiti	2003	13.06	8.2	1.26	19.25	7.49	223.72
Haiti	2004	24.76	7.88	1.25	21.07	8.4	224.08
Haiti	2005	24.19	9.62	1.27	14.8	8.59	223.67
Haiti	2006	27.09	9.51	1.27	18.92	11.59	216.3
Haiti	2007	26.63	12.79	1.29	18.69	12.31	233.28
Haiti	2008	26.27	9.41	1.31	23.6	12.39	196.38
Haiti	2009	25.84	8.62	1.38	25.05	13.54	212.41
Haiti	2010	25.7	5.27	1.42	28.36	10.59	193.97
Haiti	2011	25.36	6.55	1.42	31.42	13.63	188.62
Haiti	2012	25.02	6.74	1.41	31.14	13.44	189.48
Haiti	2013	24.43	4.59	1.39	29.66	13.25	186.9
Haiti	2014	29.61644	8.712329	1.150685	24.30137	14.65753	302.3836
Haiti	2015	29.42466	9.424658	1.068493	24.41096	15.72603	305.3973
Haiti	2016	30.10959	9.452055	1.150685	24.32877	12.63014	291.0959
Haiti	2017	30.65753	9.890411	1.287671	22.32877	12.43836	299.7808
Honduras	1961	21.19	8.75	11.42	5.08	3.89	276.58
Honduras	1962	21.97	8.76	11.6	6.48	2.93	254.8
Honduras	1963	20.62	8.84	11.83	7.47	2.92	234.32
Honduras	1964	24.01	8.87	11.51	7.18	4.56	233.4
Honduras	1965	25.82	8.64	11.59	8.42	4.37	228.99
Honduras	1966	25.18	8.81	11.29	9.79	1.7	250.52
Honduras	1967	24.33	8.73	11.89	8.86	4.67	275.83
Honduras	1968	25.96	8.89	12.34	10.89	7.06	266.04
Honduras	1969	27.64	8.91	11.93	10.52	4.99	260.23
Honduras	1970	31.05	8.93	11.17	10.47	4.16	250.36
Honduras	1971	32.6	8.7	11.36	10.65	3.08	249.95
Honduras	1972	33.9	9.41	11.86	10.71	3.47	251.69
Honduras	1973	35.05	8.52	12.13	14.39	2.2	252.81
Honduras	1974	34.29	8.41	12.53	15.5	3.26	256.49
Honduras	1975	33.86	6.95	12.82	15.7	2.94	245.86
Honduras	1976	27.37	7.21	13.22	19.63	3.1	243.95
Honduras	1977	34.23	6.18	12.92	18.31	4.32	247.9
Honduras	1978	37.35	4.03	13.79	13.58	4.16	254.85
Honduras	1979	42.17	3.82	13.8	11.96	5.5	254.56
Honduras	1980	39.73	3.08	13.14	13.41	4.37	238.1
Honduras	1981	37.2	2.34	14.05	16.66	3.35	249.27
Honduras	1982	33.85	2.51	13.5	18.9	3.7	254.77
Honduras	1983	37.04	2.36	13.56	18.25	4.58	261.89
Honduras	1984	38.5	1.7	13.4	18.52	4.35	244.6
Honduras	1985	34.42	1.99	13.56	23.06	6.03	244.26
Honduras	1986	36.78	1.92	13.4	28.42	7.76	235.55
Honduras	1987	37.48	2.05	13.37	28.98	6.16	233.16
Honduras	1988	41.83	4.88	14.37	30.5	6.63	245.35

Honduras	1989	42.67	6.89	14.36	30.37	5.24	240.77
Honduras	1990	44.63	5.95	14.57	26.22	6.08	202.27
Honduras	1991	41.23	6.04	14.67	26	7.29	207.15
Honduras	1992	42.6	7.02	14.09	30.04	10.04	225.46
Honduras	1993	46.24	8.17	13.75	29.8	9.5	236.82
Honduras	1994	41.41	9.33	15.7	27.66	5.15	251.61
Honduras	1995	44.56	13.85	16.9	29.64	9.14	242.8
Honduras	1996	43.55	15.16	20.22	29.81	11.99	254.12
Honduras	1997	52.06	22.32	19.7	34.02	12.54	293.54
Honduras	1998	48.92	19.95	19.14	32.59	7.96	213.75
Honduras	1999	48.16	15.56	18.64	33.44	11.17	182.19
Honduras	2000	47.23	10.16	19.25	32.67	8.08	132.34
Honduras	2001	46.9	13.77	19.28	35.63	9.65	141.64
Honduras	2002	49.5	13.41	14.04	35.88	5.47	200.35
Honduras	2003	48.7	6.24	14.41	30.14	7.97	207.74
Honduras	2004	46.26	6.09	12.63	30.65	6.94	203.51
Honduras	2005	50.41	16.8	12.56	31.18	14.06	185.03
Honduras	2006	52.34	15.03	15.87	31.43	12.89	195.38
Honduras	2007	51.44	9.8	15.92	32.72	13.18	193
Honduras	2008	55.79	14.3	15.98	32.68	9.24	191.66
Honduras	2009	51.23	10.7	13.92	32.52	6.24	214.96
Honduras	2010	48.93	8.88	13.14	32.54	8.24	202.89
Honduras	2011	57.95	9.26	13.92	32.63	11.35	218.36
Honduras	2012	62.11	7.12	14.67	32.12	11.13	248.49
Honduras	2013	53.34	7.2	14.21	33.59	10.91	240.5
Honduras	2014	53.75342	5.09589	12.43836	31.58904	9.09589	184.5753
Honduras	2015	54.38356	11.58904	11.94521	31.17808	8.958904	156.4384
Honduras	2016	54.10959	13.83562	11.86301	31.50685	8.767123	178.1644
Honduras	2017	53.39726	12.13699	11.89041	30.82192	8.60274	180.3836
Hungary	1961	188.02	0.72	25.35	57.33	5.38	159.09
Hungary	1962	194.76	1.15	24.63	54.4	5.83	161.02
Hungary	1963	201.14	1.61	25.52	59.82	7.08	156.64
Hungary	1964	211.34	2.05	28.04	61.85	6.93	155.74
Hungary	1965	217.99	2.99	28.88	58.5	8.3	135.93
Hungary	1966	218.88	3.12	29.06	59.69	10.41	159.83
Hungary	1967	239.46	4.62	30.86	65.98	11.34	170.31
Hungary	1968	245.27	4.38	33.34	69.13	16.9	175.09
Hungary	1969	265.79	5.16	34.05	59.97	11.27	177.43
Hungary	1970	279.57	5.85	37.78	68.45	9.49	185.46
Hungary	1971	284.95	6.74	39.59	64.35	9.65	177.97
Hungary	1972	277.68	7.46	39.48	60.33	10.22	175.89
Hungary	1973	288.59	8.06	40.03	67.63	10.42	183.79
Hungary	1974	293.46	8.68	41.77	68.87	10.1	184.45
Hungary	1975	310.39	9.43	45.48	67.96	11.16	178.4
Hungary	1976	327.09	10.29	46.27	67.53	11.54	176.45
Hungary	1977	337.8	10.33	48.23	61.09	11.39	182.56
Hungary	1978	351.12	9.4	48.28	54.71	10.54	189.76
Hungary	1979	348.92	9.8	50.24	65.56	10.95	179.34
Hungary	1980	353.4	10.46	49.77	61.86	10.74	185.36

Hungary	1981	350.46	11.03	49.09	69.28	10.8	178.31
Hungary	1982	357.01	11.19	48.94	71.17	13.33	188.8
Hungary	1983	349.82	11.46	51.8	73.1	15.17	182.73
Hungary	1984	350.31	11.32	49.02	61.54	13.7	179
Hungary	1985	351.52	11.42	51.64	72.72	12	174.79
Hungary	1986	363.78	12.07	51.37	73.6	12.47	180.07
Hungary	1987	359.05	11.64	50.68	82.59	15.26	177.95
Hungary	1988	358.44	10.19	57.01	78.4	15.47	180.51
Hungary	1989	368.9	9.93	59.21	80.76	14.11	181.64
Hungary	1990	385.45	11.02	61.7	78.96	12.25	181.73
Hungary	1991	373.83	10.51	57.21	69.39	9.11	177.42
Hungary	1992	356.22	9.84	56.35	83.92	9.04	189.4
Hungary	1993	330.15	11.15	56.18	83.52	8.53	197.05
Hungary	1994	327.33	10.77	52	80.85	9.08	185.01
Hungary	1995	293.54	9.49	45.79	81.12	8.52	147.87
Hungary	1996	291.23	9.5	42.84	80.79	8.54	173.8
Hungary	1997	289.57	11.4	40.98	75.56	10.01	160.82
Hungary	1998	292.05	10.18	43.33	81.65	10.7	175.94
Hungary	1999	283.6	10.63	41.81	78.62	10.27	189.63
Hungary	2000	290.95	9.54	42.79	84.37	11.43	185.79
Hungary	2001	305.59	9.87	44.63	81.91	11.77	161.23
Hungary	2002	311.17	8.97	46.74	86.04	12.06	180.37
Hungary	2003	313.41	8.65	45.12	77.82	12.59	205.16
Hungary	2004	309.55	7.15	44.69	81.25	13.86	232.19
Hungary	2005	309.32	5.6	44.19	87.58	14.23	221.81
Hungary	2006	313.09	5.14	44.1	85.43	14.53	257.19
Hungary	2007	311.33	4.31	43.7	88.61	13.86	202.07
Hungary	2008	285.41	3.73	42.95	91.12	15.87	170.51
Hungary	2009	283.45	2.58	40.52	89.49	14.4	225.77
Hungary	2010	264.3	2.81	38.26	92.47	14.48	179.96
Hungary	2011	279.38	3.71	35.9	90.23	14.62	142.54
Hungary	2012	273.22	0.93	34.21	82.23	13.63	197.5
Hungary	2013	258.73	1.19	34.12	89.63	13.99	162.2
Hungary	2014	265.4247	4.520548	34.63014	32.79452	15.28767	180.7397
Hungary	2015	272.0548	5.068493	35.53425	38.32877	16.13699	149.3699
Hungary	2016	273.0137	5.506849	36.05479	41.94521	15.72603	143.8356
Hungary	2017	279.4521	8.328767	37.28767	38.35616	17.31507	130.3288
Iceland	1961	42.13	26.73	11.97	25.67	164.95	115.84
Iceland	1962	42.98	31.15	13.15	24.58	167.24	122.47
Iceland	1963	43.83	26.38	14.98	15.54	169.57	126.23
Iceland	1964	45.93	26.74	15.45	14.57	176.7	143.21
Iceland	1965	43.58	29.64	15.88	12.88	180.79	140.85
Iceland	1966	44.4	28.91	17.59	13.36	194.82	147.37
Iceland	1967	51.32	32.25	19.47	12.5	181.35	141.9
Iceland	1968	45.46	29.1	20.4	11.45	193.02	145.2
Iceland	1969	43.9	32.69	21.55	13.89	182.56	128.62
Iceland	1970	53.99	27.17	23.18	18.68	198.28	138.57
Iceland	1971	57.9	29.94	24.6	19.47	200.92	135.46
Iceland	1972	60.96	29.47	26.08	25.5	205.73	150.52

Iceland	1973	68.03	29.41	27.51	18.7	208.28	154.72
Iceland	1974	66.94	28	29.61	17.57	214.35	150.23
Iceland	1975	59.67	31.31	30.68	17.91	221.54	145.53
Iceland	1976	73.99	27.7	34.96	17.44	226.88	165.07
Iceland	1977	79.27	25.31	32.57	20.86	234.05	173.32
Iceland	1978	79.54	26.88	34.84	19.95	228.36	175.06
Iceland	1979	77.28	33.96	39.31	22.33	235.88	179.49
Iceland	1980	75.19	31.57	30.72	18.77	233.94	172.38
Iceland	1981	81.72	31.53	33.48	22.75	236.17	177.31
Iceland	1982	83.79	32.17	33.59	21.21	239.12	179.42
Iceland	1983	84.06	29.28	33.31	21.48	242.28	166.41
Iceland	1984	83.91	29.11	33.91	26.43	246.73	169.93
Iceland	1985	84.6	33.78	34.78	24.3	249.37	154.61
Iceland	1986	82.56	27.25	35.83	24.86	247.4	177.49
Iceland	1987	78.25	32.16	33.92	22.01	245.49	190.26
Iceland	1988	82.25	28.08	29.62	23.03	248.7	277.66
Iceland	1989	109.77	25.35	27.74	24.25	246.88	266.49
Iceland	1990	110.72	25.73	25.63	24.08	247.63	225.23
Iceland	1991	108.47	28.91	25.92	21.48	248.93	242.54
Iceland	1992	96.43	28.84	25.08	22.53	249.12	251.65
Iceland	1993	88.3	29.33	24.61	21.07	248.35	249.58
Iceland	1994	100.26	26.16	21.75	19.49	248.19	238.6
Iceland	1995	110.04	26.63	20	19.52	249.44	229.22
Iceland	1996	117.83	26.92	19.22	20.25	248.24	226.9
Iceland	1997	125.24	26.07	19.42	21.43	247.56	235.85
Iceland	1998	138.3	29.83	17.51	23.25	249.09	230.92
Iceland	1999	152.34	28.82	15.75	24.94	251.28	243.04
Iceland	2000	159.63	28.45	19.72	25.72	250.82	276.22
Iceland	2001	164.84	25.73	22.97	26.25	249.43	297.28
Iceland	2002	171.52	26.74	21.84	25.61	250.77	317.02
Iceland	2003	175.81	27.04	21.36	26.27	249.97	293.83
Iceland	2004	225.54	27.2	21.17	27.33	249.07	299.08
Iceland	2005	235.24	29.21	23.64	29.46	248.72	319.14
Iceland	2006	237.31	26.56	22.49	29.65	249.94	381.79
Iceland	2007	238.35	28.25	23.78	27.6	251.76	414.31
Iceland	2008	237.97	25.63	22.95	27.46	249.7	398.06
Iceland	2009	238.71	26.95	22.85	29.81	248.61	355.51
Iceland	2010	210.51	25.77	20.56	31.18	247.88	345.78
Iceland	2011	231.86	23.97	25.12	29.78	251.21	345.65
Iceland	2012	229.85	27.5	19.22	30.44	252.01	382.34
Iceland	2013	233.24	27.93	22.58	28.46	251.98	369.03
Iceland	2014	236	26.24658	25.75342	30.71233	253.0411	232.5205
Iceland	2015	239.863	26.60274	26.41096	30.05479	251.8082	239.6438
Iceland	2016	247.0411	27.61644	28.76712	30.21918	250.3014	245.4795
Iceland	2017	252.7123	28.43836	29.94521	30.0274	248.6849	264
India	1961	1.04	0.94	0.86	11.3	5.08	82.79
India	1962	1.07	0.92	0.93	11.76	5.31	83.51
India	1963	0.92	0.86	0.92	11.51	5.66	82.66
India	1964	1.01	1.1	0.9	11.12	6.76	82.19

India	1965	0.95	1.08	0.98	11.63	6.86	83.43
India	1966	1.05	1.26	1	11.18	6.8	84.4
India	1967	1.08	1.1	1.09	11.17	6.61	83.91
India	1968	1.22	1.13	1.13	11.1	7.08	83.69
India	1969	1.3	1.31	1.19	11.31	7.3	83.54
India	1970	1.33	1.23	1.24	11.68	7.69	81.91
India	1971	1.5	1.48	1.29	11.66	7.87	83.87
India	1972	1.52	1.3	1.43	11.39	6.77	80.88
India	1973	1.63	1.44	1.61	12.78	7.87	80.69
India	1974	1.69	1.44	1.61	12.07	9.04	80.55
India	1975	1.6	1.3	1.77	13.36	8.85	77.82
India	1976	1.84	1.31	1.87	12.66	8.44	78.01
India	1977	1.95	1.55	1.94	14.08	8.82	76.79
India	1978	1.95	1.81	1.92	14.92	8.48	78.4
India	1979	2.09	1.7	1.84	13.81	8.3	78.69
India	1980	2.04	1.55	2	14.94	8.51	78.77
India	1981	2.16	1.35	1.99	14.83	8.29	78.02
India	1982	2.37	1.64	2.07	14.47	7.93	79.6
India	1983	2.29	1.59	2.27	14.64	8.27	79.66
India	1984	2.23	1.68	2.48	15.2	9	88.61
India	1985	2.43	1.89	2.74	15.19	8.82	85.48
India	1986	2.58	1.61	2.88	15.67	8.74	90.49
India	1987	2.65	1.7	2.86	15.67	8.63	89.8
India	1988	2.78	1.68	3	17	9.18	81.88
India	1989	3.03	1.8	3.12	17.77	10.05	86.78
India	1990	3.07	1.61	3.12	17.77	10.26	90.97
India	1991	3.35	1.78	3.18	18.1	10.61	91.97
India	1992	2.95	1.95	3.25	17.58	10.88	99.02
India	1993	3.14	1.73	3.37	16.77	11.16	106.3
India	1994	3.24	1.95	3.56	18.46	11.53	111.92
India	1995	3.79	1.72	3.65	19.62	11.51	106.9
India	1996	4.56	1.84	3.64	21.73	12.36	112.03
India	1997	4.01	1.69	3.73	23.34	12.55	113.48
India	1998	3.83	1.74	3.77	20.6	12.49	118.29
India	1999	4.38	1.95	3.82	23	12.82	117.95
India	2000	4.43	1.83	4.57	22.31	12.25	109.13
India	2001	4.18	1.96	4.74	20.46	13.19	111.05
India	2002	4.09	1.98	4.76	21.79	12.85	107.69
India	2003	4.51	1.84	4.67	21.01	13.03	111.09
India	2004	3.73	2.03	5.14	21.74	13.15	113.69
India	2005	3.02	2.06	5.17	23.57	13.87	119.81
India	2006	4.15	1.93	5.61	24.21	14.33	134.14
India	2007	5.91	1.97	5.76	24.18	14.17	142.73
India	2008	5.51	1.96	5.9	22.86	16.4	150.08
India	2009	3.66	1.94	6.17	25.37	15.3	150.56
India	2010	4.19	1.77	6.43	23.77	15.68	161.39
India	2011	5.49	1.81	6.52	24.3	14.15	156.27
India	2012	5.58	2.08	6.78	24.82	13.97	158.01
India	2013	5.49	2.14	7.07	23.85	13.81	171.87



India	2014	5.205479	2.191781	7.671233	20.9589	16.9863	174.1096
India	2015	5.945205	2.164384	7.972603	20.84932	17.56164	170.4932
India	2016	5.753425	2.136986	8.438356	21.0137	18	170.3288
India	2017	5.643836	2.219178	8.90411	21.91781	18.93151	173.3699
Indonesia	1961	0.18	2.32	1.24	8.94	28.17	104.86
Indonesia	1962	0.21	2.49	1.25	9.17	27.85	103.04
Indonesia	1963	0.21	3.05	1.25	9.8	26.64	106.3
Indonesia	1964	0.24	2.64	1.25	9.34	27.8	127.4
Indonesia	1965	0.23	1.78	1.21	9.78	28.87	123.73
Indonesia	1966	0.23	2.26	1.11	9.89	31.66	117.36
Indonesia	1967	0.4	1.35	1.12	9.43	30.35	118.01
Indonesia	1968	0.41	2.68	1.21	9.6	28.76	106.5
Indonesia	1969	0.49	1.91	1.42	9.94	29.23	109.64
Indonesia	1970	0.71	2.38	1.39	10.81	28.59	112.82
Indonesia	1971	0.85	2.91	1.54	10.58	27.99	115.58
Indonesia	1972	0.97	2.03	1.46	10.42	27.49	104.58
Indonesia	1973	1.22	1.44	1.58	10.32	27.04	128.76
Indonesia	1974	1.49	1.22	1.7	11.55	27.78	129.63
Indonesia	1975	1.35	1.24	1.9	11.59	27.81	108.96
Indonesia	1976	1.23	1.13	1.92	12.82	29.27	78.49
Indonesia	1977	1.33	1.12	2.14	13.23	30.5	112.02
Indonesia	1978	1.31	1.12	2.38	13.65	30.83	101.65
Indonesia	1979	1.26	1.47	2.5	15.13	31.64	117.62
Indonesia	1980	1.53	1.49	4.09	16.06	33.08	100.93
Indonesia	1981	1.69	1.97	4.24	17.95	33.62	138.26
Indonesia	1982	1.87	1.21	4.48	21.2	33.86	113.59
Indonesia	1983	1.91	1.28	4.57	21.93	36.38	121.59
Indonesia	1984	1.01	1.11	5.09	23.75	37.29	125.99
Indonesia	1985	1.2	0.97	5.18	23.13	37.86	125.11
Indonesia	1986	1.28	1.35	5.94	22.93	38.72	141.4
Indonesia	1987	1.52	1.6	5.97	24.62	39.3	144.36
Indonesia	1988	1.36	1.41	5.71	26.82	40.78	142.52
Indonesia	1989	1.59	1.33	5.77	26.14	41.52	153.34
Indonesia	1990	1.61	1.36	5.97	19.5	40.92	116.17
Indonesia	1991	1.65	1.21	6.15	20.07	41.52	126.17
Indonesia	1992	1.32	1.66	6.82	20.28	43.84	129.04
Indonesia	1993	1.46	1.5	6.66	19.06	45.54	134.4
Indonesia	1994	1.26	2.72	7.92	19.02	48.01	143.43
Indonesia	1995	1.88	3.93	8.35	19.35	50.21	176.65
Indonesia	1996	2.64	1.31	8.74	19.21	51.58	151.05
Indonesia	1997	2.19	2.5	8.44	17.36	52.2	151.75
Indonesia	1998	2.24	2.95	5.67	17.42	52.24	146.66
Indonesia	1999	2.08	2.62	7.11	17.89	53.91	153.09
Indonesia	2000	2.14	3.17	8.46	18.42	56.53	165.12
Indonesia	2001	2.33	4.64	8.9	18.7	59.19	183.7
Indonesia	2002	2.09	4.91	9.8	19.39	57.73	196.45
Indonesia	2003	2.07	4.66	9.9	21.72	57.52	207.78
Indonesia	2004	1.93	4.05	11.31	21.11	58.06	223.14
Indonesia	2005	1.99	2.43	10.5	22.17	60.45	224.27

Indonesia	2006	1.94	2.82	12	22.4	61.9	234.34
Indonesia	2007	2.12	3.95	13.73	25.26	66.13	234
Indonesia	2008	2.6	2.18	12.73	25.07	68.89	226.98
Indonesia	2009	2.65	1.68	12.26	25.52	69.99	236.39
Indonesia	2010	2.44	2.15	12.82	26.91	74.6	206.75
Indonesia	2011	2.81	2.9	11.52	28.45	79.11	230.69
Indonesia	2012	3.2	2.11	12.72	28.56	78.12	233.41
Indonesia	2013	3.28	1.6	13.38	28.91	77.19	210.52
Indonesia	2014	3.09589	1.616438	13.39726	28.16438	101.9178	213.3151
Indonesia	2015	2.219178	1.013699	14.32877	27.09589	106.3288	226.3014
Indonesia	2016	2.465753	1.452055	15.09589	26.84932	109.0137	215.2329
Indonesia	2017	2.493151	1.260274	15.26027	27.0411	122.4384	223.726
Iran (Islamic Republic of)	1961	1.46	2.03	6.51	4.2	1.32	112.7
Iran (Islamic Republic of)	1962	1.32	2.15	6.51	5.72	1.79	113.85
Iran (Islamic Republic of)	1963	1.14	2.13	6.32	7.25	1.49	108.62
Iran (Islamic Republic of)	1964	1.19	1.84	6.2	10.16	0.99	117.34
Iran (Islamic Republic of)	1965	1.92	2.45	6.91	10.42	1.31	121.54
Iran (Islamic Republic of)	1966	2.24	1.99	7.04	9.22	1.29	122
Iran (Islamic Republic of)	1967	1.8	2.22	9.39	9.71	1.02	124.88
Iran (Islamic Republic of)	1968	3.72	2.58	9.68	14.1	1.78	124.53
Iran (Islamic Republic of)	1969	4.29	2.52	10.11	10.19	1.8	133.45
Iran (Islamic Republic of)	1970	3.98	2.3	10.45	13.29	2.15	136.29
Iran (Islamic Republic of)	1971	4.12	2.13	10.88	11.14	1.72	133.27
Iran (Islamic Republic of)	1972	4.89	2.78	12.22	13.45	1.2	149.83
Iran (Islamic Republic of)	1973	6.05	2.82	13.6	11.61	1.53	149.86
Iran (Islamic Republic of)	1974	5.84	3.06	14.81	17.65	5.75	179.44
Iran (Islamic Republic of)	1975	5.85	2.48	14.78	20.19	5.19	189.91
Iran (Islamic Republic of)	1976	5.93	2.98	16.2	15.08	5.95	208.62
Iran (Islamic Republic of)	1977	6.38	3.7	17.27	15.95	5.93	195.99
Iran (Islamic Republic of)	1978	5.12	3.59	16.16	14.81	5.43	184.52
Iran (Islamic Republic of)	1979	0.84	3.84	11.35	15.64	4.51	178.69
Iran (Islamic Republic of)	1980	0	2.74	11.9	21.29	2.87	188.13
Iran (Islamic Republic of)	1981	0	3.28	12.65	20.3	3.34	216.26
Iran (Islamic Republic of)	1982	0	3.18	11.94	18.76	4.77	245.4
Iran (Islamic Republic of)	1983	0	3.28	13.11	21.29	5.31	247.89
Iran (Islamic Republic of)	1984	0	4.91	13.4	24.44	4.77	250.63
Iran (Islamic Republic of)	1985	0	3.46	12.43	22.97	4.74	270.64
Iran (Islamic Republic of)	1986	0	3.91	11.46	23.57	6.12	274.93
Iran (Islamic Republic of)	1987	0	3.2	11.46	21.99	8.06	272.6
Iran (Islamic Republic of)	1988	0	5.89	10.99	18.64	9.14	308.24
Iran (Islamic Republic of)	1989	0	2.01	12.57	26.12	10.85	282.07
Iran (Islamic Republic of)	1990	0	3.87	12.26	31.01	10.73	300.7
Iran (Islamic Republic of)	1991	0	3.43	13.92	30.5	12.22	296.4
Iran (Islamic Republic of)	1992	0	6.98	15.88	29.07	14.15	332.63
Iran (Islamic Republic of)	1993	0	5.29	17.98	26.67	14.38	358.84
Iran (Islamic Republic of)	1994	0	3.5	19.76	29.45	12.74	383.5
Iran (Islamic Republic of)	1995	0	3.93	17.99	34.67	14.32	392.95
Iran (Islamic Republic of)	1996	0	4.03	20.16	28.05	13.82	399.12
Iran (Islamic Republic of)	1997	0	3.15	17.57	28.36	14.03	425.66

Iran (Islamic Republic of)	1998	0	2.66	17.99	33.46	12.61	424.14
Iran (Islamic Republic of)	1999	0	2.64	20.22	28.3	12.56	429.14
Iran (Islamic Republic of)	2000	0	2.03	18.45	27.14	13.4	430.74
Iran (Islamic Republic of)	2001	0	2.5	18.27	26.63	13.53	433.47
Iran (Islamic Republic of)	2002	0	2.32	17.17	25.78	13.75	434.49
Iran (Islamic Republic of)	2003	0	2.33	19.01	28.52	16.65	438.89
Iran (Islamic Republic of)	2004	0	1.85	20.48	32.01	16.62	430.71
Iran (Islamic Republic of)	2005	0.04	3.29	24.12	27.67	18.25	472.03
Iran (Islamic Republic of)	2006	0	1.83	19.42	27.3	19.58	439.33
Iran (Islamic Republic of)	2007	0.08	0.97	20.69	29.79	19.79	435.34
Iran (Islamic Republic of)	2008	0.08	7.52	21.14	31.99	18.36	471.43
Iran (Islamic Republic of)	2009	0.03	8.34	20.13	33.3	19.71	427.16
Iran (Islamic Republic of)	2010	0	8.18	18.11	33.54	23.55	373.59
Iran (Islamic Republic of)	2011	0	5.61	15.08	33.26	24.92	377.53
Iran (Islamic Republic of)	2012	0	8.1	19.47	32.17	26.58	365.09
Iran (Islamic Republic of)	2013	0	8.59	21.11	33.16	27.32	366.11
Iran (Islamic Republic of)	2014	0	4.849315	20.71233	31.86301	29.06849	378.0822
Iran (Islamic Republic of)	2015	0	7.260274	20.10959	30.30137	29.69863	378.1644
Iran (Islamic Republic of)	2016	0	7.726027	20.93151	32.93151	32	357.3425
Iran (Islamic Republic of)	2017	0	5.369863	20.21918	31.64384	32.21918	327.1781
Iraq	1961	1.58	7.03	3.42	14.53	3.45	84.08
Iraq	1962	1.36	7.49	3.5	13.5	3.42	88.52
Iraq	1963	1.29	7.95	3.57	16.92	4.06	88.95
Iraq	1964	1.3	7.15	3.87	17.27	6.74	87.69
Iraq	1965	1.59	4.45	4.39	18.2	5.59	86.81
Iraq	1966	1.86	6.75	5.75	16.29	4.59	89.13
Iraq	1967	1.74	6.33	5.24	15.39	3.09	79.45
Iraq	1968	2.01	5.69	6.06	15.54	4.73	83.85
Iraq	1969	2.02	5.94	5.91	15.64	5.86	85.88
Iraq	1970	2.34	5.62	6.15	15.56	8.34	82.9
Iraq	1971	2.48	5.51	7.35	16.18	6.7	85.95
Iraq	1972	2.69	5.87	8.18	16.2	7.73	99.15
Iraq	1973	3.19	4.95	6.65	15.58	6.08	106.17
Iraq	1974	3.07	5.32	5.36	15.85	5.73	130.08
Iraq	1975	5.07	6.9	10.79	15.88	6.35	147.58
Iraq	1976	4.77	6.38	7.34	16.16	6.42	163.92
Iraq	1977	4.71	6.96	9.82	19.04	5.74	184.28
Iraq	1978	7.42	6.04	12.41	23.7	5.56	202.51
Iraq	1979	9.27	7.04	11.34	26.97	11.42	181
Iraq	1980	7.25	7.59	11.93	27.62	10.68	142.76
Iraq	1981	8.7	5.84	13.62	34.06	5.11	170.21
Iraq	1982	10.87	7.19	15.07	35.79	4.56	177.84
Iraq	1983	8.62	6.93	13.91	37.98	4.16	179.7
Iraq	1984	10.73	7.87	16.97	41.63	3.78	198.36
Iraq	1985	9.53	7.23	16.48	44.85	3.77	197.79
Iraq	1986	10.31	8.29	15.24	47.46	3.53	185.86
Iraq	1987	10.37	8.23	14.39	49.17	3.57	173.42
Iraq	1988	10.52	9.29	11.81	49.37	4.35	175.41
Iraq	1989	11.25	7.57	12.24	50.59	3.94	169.52

Iraq	1990	12	6.9	10.97	43.96	3.79	174.34
Iraq	1991	5.43	5.48	3.6	15.47	2.32	171.2
Iraq	1992	6.93	3.33	3.71	23.63	3.37	175.41
Iraq	1993	9.7	2.75	3.68	35.14	3.43	179.84
Iraq	1994	9.34	1.81	3.58	47.16	4.06	160.03
Iraq	1995	9.51	2.24	2.6	57.87	4.15	159.38
Iraq	1996	6.99	1.45	2.63	58.19	4.47	156.37
Iraq	1997	6.63	2.03	1.41	47.16	4.44	145.1
Iraq	1998	6.47	2.89	0.12	41.88	3.77	149.02
Iraq	1999	6.5	2.8	3.53	34.49	3.09	134.02
Iraq	2000	6.25	2.49	3.86	31.87	2.6	119.04
Iraq	2001	5.2	3.76	4.84	37.15	3.93	125.13
Iraq	2002	4.63	6.13	5.08	31.53	3.05	124.4
Iraq	2003	2.51	1.33	5.02	30.07	2.25	106.23
Iraq	2004	9.86	3.29	5.26	39.33	3.62	61.13
Iraq	2005	4.95	3.5	4.68	43.05	5.35	74.12
Iraq	2006	0.32	0.92	5.75	38.21	9.2	86.88
Iraq	2007	3.75	1.6	8.83	35.84	8.99	70.96
Iraq	2008	4.48	3.5	14.77	39.34	8.47	67.76
Iraq	2009	5.36	1.92	18.61	41.99	7.98	80.22
Iraq	2010	5.19	1.46	20.74	43.58	7.3	117.91
Iraq	2011	4.63	2.25	19.45	46.52	7.87	94.13
Iraq	2012	5.53	2.63	24.53	42.71	9.94	85.29
Iraq	2013	5.12	2.78	26.92	40.58	9	127.88
Iraq	2014	5.041096	4.794521	27.20548	44.65753	10.57534	126.2192
Iraq	2015	4.739726	3.452055	16.82192	46.27397	6.684932	146.9041
Iraq	2016	4.465753	3.506849	21.86301	41.28767	7.616438	135.7808
Iraq	2017	3.972603	3.69863	25.86301	40.9589	9.205479	138.274
Ireland	1961	171.4	12	38.1	13.69	19.45	111.03
Ireland	1962	173.93	11.06	37.73	15.05	19.95	121.41
Ireland	1963	182.29	13.36	37.37	19.27	22.25	131.69
Ireland	1964	187.71	9.52	36.65	20.39	23.53	122.25
Ireland	1965	184.11	12.17	36.49	20.12	26.2	127.92
Ireland	1966	188.24	11.39	36.13	26.11	26.38	134.78
Ireland	1967	190.96	11.43	34.41	24.12	28.46	139.81
Ireland	1968	212.13	13.65	32.77	24.63	26.87	139.26
Ireland	1969	214.71	11.77	32.07	28.86	27.51	144.56
Ireland	1970	227.77	12.14	31.82	29.54	30.57	139.26
Ireland	1971	242.13	12.43	30.46	30.23	28.18	143.68
Ireland	1972	254.32	13.41	29.26	31.1	30.86	141.83
Ireland	1973	256.65	10.93	31.31	30.91	26.19	141.48
Ireland	1974	255.81	12.81	30.5	27.31	33.43	143.43
Ireland	1975	252.22	14.49	32.08	28.05	37.53	133.43
Ireland	1976	247.91	11.52	28.81	27.49	43.46	140.77
Ireland	1977	243.73	15	27.74	28.2	35.34	136.35
Ireland	1978	250.72	10.76	26.39	30.15	40.87	146.01
Ireland	1979	262.9	12.69	26.59	33.95	30.7	150.58
Ireland	1980	257.4	14.59	28.74	33.45	43.38	161.72
Ireland	1981	253.24	12.51	38.06	34.15	40.17	163.23

Ireland	1982	241.06	10.64	32.92	37.36	40.99	171.03
Ireland	1983	230.37	13.22	33.14	35.35	29.52	166.89
Ireland	1984	236.52	14.29	31.68	38.03	30.78	172.34
Ireland	1985	239.25	14.62	30.94	41.77	37.19	167.46
Ireland	1986	252.66	15.78	28.67	44.61	46.49	175.75
Ireland	1987	251.19	11.94	25.27	45.21	43.99	198.64
Ireland	1988	252.32	14.93	23.62	45.87	38.09	194.61
Ireland	1989	279.19	14.74	22.09	54.23	40.39	194.71
Ireland	1990	287.56	15.94	21.73	56.07	41.41	210.31
Ireland	1991	378.93	15.91	26.21	48.29	32.18	172.41
Ireland	1992	386.05	16.2	23.93	50.82	38.8	181.37
Ireland	1993	416.09	19.08	22.41	43.76	48.86	191.56
Ireland	1994	444.62	16.1	20.87	54.41	48.6	192.86
Ireland	1995	448.32	17.71	20.91	49.65	56.51	160.67
Ireland	1996	558.2	18.4	24.32	53.7	47.57	232.71
Ireland	1997	582.8	20.6	22.43	58.99	46.53	180.89
Ireland	1998	598.35	13.06	19.61	56.62	63.8	173.65
Ireland	1999	611.22	15.16	18.79	54.91	58.72	156.45
Ireland	2000	590.18	11.7	20.18	55.56	66.58	188.95
Ireland	2001	598.86	10.77	21.52	53.42	67.29	224.73
Ireland	2002	618.6	13.88	20.1	52.75	56.14	307.67
Ireland	2003	488.4	16.9	18.38	48.96	59.08	372.56
Ireland	2004	480.24	15.6	18.04	51.39	63.76	331.37
Ireland	2005	500.49	15.62	19.29	57.09	62.03	309.43
Ireland	2006	480.2	14.66	21.11	49.49	56.34	309.62
Ireland	2007	508.95	18.63	19.85	52.63	61.86	384.88
Ireland	2008	472.51	18.75	23.82	54.25	58.23	413.98
Ireland	2009	431.45	18.08	23.31	52.33	61.67	394.53
Ireland	2010	441.79	14.46	25.36	57.53	62.42	358.82
Ireland	2011	457.53	13.45	24.71	53.99	61.67	342.05
Ireland	2012	445.12	13.08	24.07	55.67	60.95	415.95
Ireland	2013	480.18	17.84	24.55	50.33	60.3	437.33
Ireland	2014	450.274	12.57534	24.49315	47.36986	59.80822	171.2603
Ireland	2015	388.1096	9.342466	23.61644	53.47945	58.0274	182.1918
Ireland	2016	396.6027	9.534247	23.69863	53.23288	58.19178	181.0411
Ireland	2017	405.3973	11.50685	25.0137	56.41096	64.21918	185.7808
Israel	1961	44.52	18.83	47.52	35.98	51.59	402.52
Israel	1962	46.36	18.7	52.29	37.13	54.38	379.16
Israel	1963	49.3	18.59	52.78	34.22	50.08	369.93
Israel	1964	49.04	19.98	54	29.49	43.88	559.69
Israel	1965	51.54	17.6	58.22	36.12	45.15	429.31
Israel	1966	49.21	18.05	57.54	39.71	48.69	459.77
Israel	1967	42.6	18.98	58.79	46.17	45.26	501.63
Israel	1968	48.06	20.41	54.02	45.96	48.49	548.72
Israel	1969	50.94	20.69	58.6	51.57	41.88	461.73
Israel	1970	50.19	23.13	59.13	47.83	43.97	459.14
Israel	1971	50.72	22.22	61.58	50.95	51.32	549.72
Israel	1972	48.3	22.01	58.33	52.04	46.71	614.75
Israel	1973	49.99	24.44	57.45	55.38	45.93	688.09

Israel	1974	49.2	21.43	58.5	52.72	45.53	624.74
Israel	1975	51.43	24.52	60.25	53.16	37.21	456.36
Israel	1976	51.55	30.69	59.1	53.17	36.28	501.14
Israel	1977	51.66	18.55	57.5	50.51	37.61	461.26
Israel	1978	50.59	22.17	59.55	55.78	41.31	393.26
Israel	1979	47.66	21.15	59.07	49.54	55.04	414.68
Israel	1980	45.23	19.3	54.82	51.93	52.25	404.26
Israel	1981	46.19	21.23	51.08	52.98	45.2	418.03
Israel	1982	44.54	20.78	57.16	55.25	39.15	657.64
Israel	1983	46.06	24.29	57.84	55.67	43.93	569.71
Israel	1984	43.59	21.74	62.98	59	41.94	541.39
Israel	1985	48.51	21.13	61.3	57.55	48.88	494.6
Israel	1986	48.42	12.85	53.92	55.65	56.66	450.93
Israel	1987	48.59	11.8	50.59	57.1	57.11	466.26
Israel	1988	47.62	15.25	55.55	62.4	54.89	396.57
Israel	1989	43.91	12.9	53.92	52.83	59.72	406.13
Israel	1990	44.42	13.69	49.47	51.13	58.6	512.97
Israel	1991	40.88	14.58	48.73	58.94	61.75	375.33
Israel	1992	40.98	14.28	49.65	57.06	64.25	476.66
Israel	1993	47.99	14	42.05	55.18	65.34	451.27
Israel	1994	41.03	15.39	42.22	47.1	58.86	365.34
Israel	1995	41.65	19.82	36.37	61.39	66.56	367.04
Israel	1996	40.45	14.99	34.65	63.09	62.23	415.07
Israel	1997	44.46	12.65	31.81	60.71	65.31	438.54
Israel	1998	44.07	15.78	31.44	59.77	64.93	373.42
Israel	1999	43.14	14.95	32.58	59.67	57.38	382.24
Israel	2000	45.02	11.22	26.94	60.34	55.99	394.27
Israel	2001	45.05	13.59	26.25	66.76	60.92	436.52
Israel	2002	47.15	11.8	25.95	70.03	58.5	453.38
Israel	2003	51.22	13.58	24.18	71.17	61.39	393.2
Israel	2004	52.82	12.85	26.47	76.73	63.87	470.74
Israel	2005	54.09	13.68	25.43	75.52	58.32	522.66
Israel	2006	50.09	12.27	25.23	75.16	53.57	410.58
Israel	2007	52.75	12.52	24.94	72.26	66.52	379.14
Israel	2008	55.77	13.3	24.22	71.37	60.26	332.01
Israel	2009	55.13	11.17	26.24	70.15	57.41	384.58
Israel	2010	54.87	14.84	26.53	69.69	59.89	334.91
Israel	2011	56.34	11.94	29.91	73.23	65.65	301.04
Israel	2012	59.2	13.94	28.52	73.18	57.23	355.44
Israel	2013	59.67	13.45	31.08	73.72	63.7	331.37
Israel	2014	60.24658	13.15068	27.31507	75.09589	65.36986	275.6164
Israel	2015	60.24658	13.20548	27.34247	75.06849	64.13699	270.274
Israel	2016	60.79452	11.9726	28.27397	77.58904	67.47945	293.3151
Israel	2017	61.50685	13.39726	27.36986	78.68493	71.06849	312.8767
Italy	1961	322.85	5.9	24.8	39.22	32.89	266.75
Italy	1962	326.29	6.23	25.83	45.45	30.17	266.05
Italy	1963	325.13	6.44	26.05	46.98	31.15	306.59
Italy	1964	315.17	6.55	26.56	44.96	34.2	314.48
Italy	1965	336.76	6.56	26.71	46.75	38.53	311.74

Italy	1966	337.93	6.66	26.66	47.74	37.28	329.25
Italy	1967	335.08	7.76	25.71	51.53	35.75	334.93
Italy	1968	353.68	8.05	25.97	53.12	35.11	346.99
Italy	1969	353.27	8.23	27.99	56.22	34.24	348.41
Italy	1970	352.09	8.64	30.27	61.43	37.02	357.77
Italy	1971	349.22	9.21	29.29	62.59	37.33	347.96
Italy	1972	345.7	9.06	30.38	65.73	36.29	330.87
Italy	1973	349.24	10.31	31.49	62.72	35.15	338.64
Italy	1974	351.07	10.29	32.03	62.92	34.33	327.97
Italy	1975	329.97	10.2	32.25	61.87	34.27	313.3
Italy	1976	316.16	10.79	32.24	60.37	37.13	335.62
Italy	1977	304.92	9.2	31.57	54.57	35.49	291.06
Italy	1978	307.5	9.67	32.66	68.23	36.26	304.68
Italy	1979	305.77	11.28	31.84	68	38.2	296.18
Italy	1980	302.41	10.94	31.24	66.86	40.5	313.84
Italy	1981	288.71	11.11	31.44	65.88	37.8	307.73
Italy	1982	283.07	12.08	31.54	64.39	42.14	331.76
Italy	1983	287.6	12.06	31.89	65.42	44.97	332.14
Italy	1984	278.88	10.87	32.21	68.04	47.37	327.72
Italy	1985	268.23	13.78	31.85	70.28	54.2	321.75
Italy	1986	255.4	12.2	30.92	75.19	52.09	332.39
Italy	1987	247.1	12.62	32.55	78.35	59.08	336.97
Italy	1988	242.7	12.18	33.52	79.6	54.88	342.79
Italy	1989	239.14	12.5	34.12	80.46	57.98	359.64
Italy	1990	236.33	14.1	31.77	81.26	58.39	358.26
Italy	1991	238.22	12.28	34.65	81.9	63.31	350.83
Italy	1992	224.05	11.98	34.24	77.23	59.98	406.37
Italy	1993	221.78	14.28	33.49	77.08	58.21	382.2
Italy	1994	222.47	13.75	32.75	79.19	58.28	356.19
Italy	1995	225.38	13.53	32.92	79.55	57.78	333.6
Italy	1996	224.17	13.64	34.65	78.12	58.75	358.43
Italy	1997	222	14.11	35.01	80.85	58.69	331.99
Italy	1998	217.35	14.37	34.32	82.17	61.34	336.73
Italy	1999	218.28	14.31	33.64	86.12	61.57	383.58
Italy	2000	222.76	14.99	34.36	84.08	61.7	408.74
Italy	2001	224.35	15.18	32.93	85.15	66.85	373.7
Italy	2002	207.36	14.87	32.38	85.06	65.31	400.3
Italy	2003	220.18	15.78	31.81	85.05	67.15	374.66
Italy	2004	214.91	15.42	32.33	82.04	66.04	430.99
Italy	2005	204.84	15.95	31.87	79.38	69.04	427.53
Italy	2006	193.61	16.07	29.73	86.99	72.09	450.44
Italy	2007	197.49	16.1	31.73	88.95	71.29	448.72
Italy	2008	181.22	16.36	32.38	87.98	68.55	432.84
Italy	2009	169.82	16.13	34.76	84.07	69.06	487.87
Italy	2010	164.5	16.18	31.57	87.88	71.16	427.38
Italy	2011	165.55	16.13	31.99	90.4	72.36	402.6
Italy	2012	163.73	15.8	33.4	90.13	70.05	367.44
Italy	2013	162.2	15.7	36.56	88.44	69.9	393.83
Italy	2014	165.0411	15.17808	32.52055	70.60274	77.23288	338.5479

Italy	2015	164.9041	15.17808	30.9589	70.32877	80.60274	363.6712
Italy	2016	164.8219	15.20548	31.78082	71.69863	81.69863	330.8493
Italy	2017	164.5753	15.26027	32.24658	71.06849	81.69863	318.7123
Jamaica	1961	37.2	3.44	6.05	18.76	89.29	368.21
Jamaica	1962	41.77	2.12	6.79	20.51	91.88	396.51
Jamaica	1963	37.26	2.04	6.64	21.49	105.52	383.25
Jamaica	1964	43.57	1.95	6.43	22.89	91.75	391.32
Jamaica	1965	49.19	2.62	6.99	23.24	86.07	359.86
Jamaica	1966	53.1	2.39	10.34	24.04	94.65	340.28
Jamaica	1967	55.31	2.83	13.78	25.46	90.55	362.76
Jamaica	1968	59.48	2.39	14.51	27.21	94.2	324.91
Jamaica	1969	69.73	3.05	15.96	28.01	87.13	303.74
Jamaica	1970	75.22	2.74	15.99	27.94	73.55	320.93
Jamaica	1971	75.07	2.86	16.78	25.24	72.29	346.2
Jamaica	1972	86.86	2.59	13.26	28.39	106.82	384.22
Jamaica	1973	91.93	1.79	14.23	25.52	74.3	352.19
Jamaica	1974	87.11	1.94	15.41	25.45	64.63	343.06
Jamaica	1975	99.24	2.12	16.84	25.56	71.67	325.47
Jamaica	1976	91.73	2.29	17.09	30.56	65.66	314.18
Jamaica	1977	82.22	0.94	17.6	34.37	45.31	340.11
Jamaica	1978	89.93	1.73	17.91	30.12	55.67	360.58
Jamaica	1979	76	0.67	18.18	31.23	59.89	357.78
Jamaica	1980	91.11	1.89	18.54	28.25	48.55	389.23
Jamaica	1981	78.53	1.22	19.07	30.98	51.8	373.01
Jamaica	1982	79.61	0.93	19.35	32.11	54.21	387.62
Jamaica	1983	81.36	0.8	20.72	33.21	48.46	386.35
Jamaica	1984	66.01	0.57	19.91	32.81	53.73	367.97
Jamaica	1985	69.62	0.75	15.71	32.43	44.29	370.36
Jamaica	1986	70.39	1.18	17.78	31.48	52.78	374.05
Jamaica	1987	80.9	1.05	21.29	30.7	49.49	410.54
Jamaica	1988	84.24	2.55	20.73	29.51	58.68	404.63
Jamaica	1989	95.24	2	7.01	31.06	61.14	375.09
Jamaica	1990	90.57	4.56	7.07	33.44	52.25	315.98
Jamaica	1991	92.24	2	6.31	29.56	47.31	293.29
Jamaica	1992	94.66	1.04	5.45	28.55	47.6	304.28
Jamaica	1993	87.42	0.49	5.5	31.41	53.6	324.83
Jamaica	1994	76.64	2.06	6.02	30.1	63.1	411.21
Jamaica	1995	71.7	1.5	6.26	29.1	57.87	403.84
Jamaica	1996	72.86	1.54	6.45	33.02	53.83	442.41
Jamaica	1997	68.65	1.46	6.05	34.73	59.29	430.58
Jamaica	1998	67.62	1.52	6.97	35.73	61.61	415.52
Jamaica	1999	64.13	1.16	6.2	37.08	65.1	447.31
Jamaica	2000	65.33	0.98	4.5	39.71	54.01	421.65
Jamaica	2001	75.74	1.43	7.24	40.06	70.82	441.47
Jamaica	2002	74.14	1.1	5.61	41.89	72.96	434.14
Jamaica	2003	67.95	0.4	5.96	42.59	68.52	458.52
Jamaica	2004	68.55	0.93	6.75	43.41	69.34	442.98
Jamaica	2005	71.25	9.12	6.17	43.86	74.06	380.69
Jamaica	2006	71.39	11.99	7.98	42.92	79.51	403.71



Jamaica	2007	67.19	15.1	5.13	43.63	83.36	384.45
Jamaica	2008	72.91	9.12	5.2	34.29	73.54	338.89
Jamaica	2009	66.75	12.68	5.82	33.46	70.32	364.3
Jamaica	2010	67.59	9.19	3.78	33.96	66.34	342.08
Jamaica	2011	90.44	8.09	5.3	31.21	66.43	341.87
Jamaica	2012	76.54	7.05	6.56	34.81	66.1	337.61
Jamaica	2013	95.73	7.35	6.22	35.14	65.74	321.54
Jamaica	2014	94	5.561644	4.520548	33.0137	58.9863	301.4795
Jamaica	2015	99.15068	5.753425	4.219178	33.72603	59.15068	315.8082
Jamaica	2016	90.93151	7.342466	3.835616	33.9726	63.23288	341.2877
Jamaica	2017	91.78082	6.246575	5.424658	35.50685	69.91781	334.0822
Japan	1961	56.58	27.34	25.03	13.21	139.56	81.49
Japan	1962	57.31	27.73	27.2	14.24	140.23	83.13
Japan	1963	63.27	31.18	28.22	16.84	142.78	93.41
Japan	1964	69.11	32.84	33.33	17.92	130.06	104.44
Japan	1965	66.4	33.66	35.86	17.19	142.12	106.94
Japan	1966	71.13	34.15	32.58	20.02	143.59	120.96
Japan	1967	79.92	37.62	35.23	21.11	152.35	123.94
Japan	1968	78.5	37.87	38.27	21.55	160.58	144.48
Japan	1969	85.34	35.55	42.3	22.5	158.47	138.71
Japan	1970	90.82	37.93	45.33	23.38	167.96	147.86
Japan	1971	92.82	39.61	45.5	25.05	177.03	146.24
Japan	1972	102.17	40.69	45.08	27.07	180.11	174.24
Japan	1973	109.82	41.89	44.64	27.7	183.77	171.45
Japan	1974	104.83	41.12	43.4	28.34	187.3	163.1
Japan	1975	110.07	39.28	43.25	28.91	186.64	169.71
Japan	1976	106.25	36.11	44.09	28.55	189.94	156.31
Japan	1977	120.34	37.79	44.7	29.04	183.41	167.01
Japan	1978	123.2	35.5	45.75	31.35	185.99	156.07
Japan	1979	130.07	35.5	45.69	31.21	179.78	169.32
Japan	1980	126.48	35.55	45.35	32.8	181.26	152.55
Japan	1981	125.01	35.42	44.98	34.76	180.08	145.61
Japan	1982	133.83	35.36	45.76	34.21	177.98	153.12
Japan	1983	140.65	35.51	45.86	34.57	185.49	152.59
Japan	1984	130.19	31.59	46.46	36.01	188.66	130.04
Japan	1985	136.01	30.11	46.71	35.54	192.23	142.35
Japan	1986	138.35	33.61	48.54	36.66	193.5	143.21
Japan	1987	148.3	35.95	51.22	36.98	198.46	151.95
Japan	1988	160.75	35.3	51.68	37.18	200.61	142.45
Japan	1989	164.11	35.79	52.08	37.2	200.11	143.32
Japan	1990	173.29	34.67	51.94	38.11	197.04	138.07
Japan	1991	177.37	34.93	53.79	38.27	184.63	129.16
Japan	1992	180.55	33.96	54.92	38.68	183.66	142.2
Japan	1993	180.11	33.96	55.39	38.82	187.42	136.82
Japan	1994	187.69	33.08	54.7	39.55	195.76	142.96
Japan	1995	179.95	32.8	54.24	39.36	196.21	146.06
Japan	1996	180.52	32.69	54.48	43.1	192.39	137.29
Japan	1997	174.1	31.55	54.54	43.95	183.38	146.09
Japan	1998	165.51	28.95	53.59	43.34	177.92	130.27

Japan	1999	158.12	29.13	53.58	43.31	181.39	146.06
Japan	2000	148.02	29.99	53.51	43.97	185.74	141.06
Japan	2001	135.07	28.76	53.09	43.84	191.44	146.92
Japan	2002	122.45	27.79	53.23	42.6	186.3	154.68
Japan	2003	116.71	26.71	53.03	41.94	181.83	151.57
Japan	2004	115.22	26.71	52.13	44.27	171.7	158.11
Japan	2005	108.41	26.06	52.49	44.3	167.44	165.5
Japan	2006	108.74	26.36	51.95	44.23	158.82	151.44
Japan	2007	106.35	26.28	53.74	43.38	155.08	158.73
Japan	2008	99.77	26.2	53.08	43.19	153.93	151.02
Japan	2009	96.08	26.69	51.97	41.91	148.39	144.17
Japan	2010	94.58	27.67	52.15	42.86	145.53	134.7
Japan	2011	106.8	31.54	51.77	43.18	141.68	140.44
Japan	2012	110.09	30.2	52.14	42.21	142.23	149.12
Japan	2013	109.56	31.35	52.46	42.07	133.88	145.15
Japan	2014	109.589	30.32877	51.61644	41.47945	134.3562	97.47945
Japan	2015	110.4658	30.63014	52.08219	42.0274	130.274	93.89041
Japan	2016	111.2877	28.79452	53.0137	42.41096	124.1096	92.79452
Japan	2017	112.6849	27.45205	53.80822	41.9726	125.589	90.93151
Jordan	1961	1.33	4.65	5.82	21.9	4.5	241.75
Jordan	1962	1.33	5.16	6.32	22.64	4.46	240.36
Jordan	1963	1.47	4.57	6.72	22.84	5.15	234.71
Jordan	1964	1.39	4.67	7.82	23.32	4.4	254.02
Jordan	1965	1.54	5.32	9.82	23.78	4.6	281.19
Jordan	1966	2.01	5.78	10.27	23.99	3.71	241.2
Jordan	1967	1.76	6.09	8.16	25.5	2.81	252.35
Jordan	1968	3.37	9.49	14.4	25.45	3.14	202.26
Jordan	1969	3.13	10.65	13.92	24.02	3.79	158.43
Jordan	1970	2.88	8.88	14.7	27.29	3.48	124.07
Jordan	1971	2.53	9.47	10.38	27.79	5.03	112.84
Jordan	1972	2.95	6.78	14.26	30.3	3.86	110.92
Jordan	1973	3.43	6.83	12.21	27.13	6.21	114.7
Jordan	1974	3.82	5.15	8.61	26.87	7.23	133.78
Jordan	1975	4.65	6.11	13.65	26.81	6.99	79.1
Jordan	1976	5.39	4.5	13.6	27.66	6.53	112.74
Jordan	1977	6.83	4.06	14	26.86	8.2	165.44
Jordan	1978	8.58	4.52	18.39	26.73	8.9	161.04
Jordan	1979	10.22	4.94	17.04	26.09	7.58	130.22
Jordan	1980	8.03	4.91	18.53	27.97	8.85	154.83
Jordan	1981	7.5	4.13	16.85	28.18	8.52	139
Jordan	1982	8.16	3.91	16.71	27.4	9.91	202.37
Jordan	1983	8.31	5.66	16.85	24.82	11.02	193.98
Jordan	1984	6.16	5.78	17.56	25.81	10.87	153.35
Jordan	1985	5.1	5.01	19.6	25.57	14.48	162.55
Jordan	1986	4.97	6.12	18.91	26.9	8.56	147.7
Jordan	1987	4.98	6.66	10.96	28.2	14.02	169.8
Jordan	1988	4.78	7.96	10.39	25.79	7.92	211.85
Jordan	1989	4.14	5.45	11.18	29.69	8.42	188.31
Jordan	1990	5.14	6.83	18.91	30.39	8.13	205.31

Jordan	1991	3.76	5.96	24.74	31.46	8.94	192.32
Jordan	1992	3.06	7.2	25.17	38.62	8.34	193.61
Jordan	1993	4.65	4.82	28.06	43.25	10.83	197.5
Jordan	1994	4.38	4.99	26.93	36.58	10.18	206.22
Jordan	1995	4.49	4.3	20.3	41.49	12.69	206.98
Jordan	1996	4.92	4.71	20.68	37.86	14.56	145.59
Jordan	1997	5.26	5.56	22.9	42.33	10.82	169.36
Jordan	1998	5.11	6.92	22.76	39.91	12.58	174.45
Jordan	1999	6.24	6.21	20.27	39.57	11.18	136.9
Jordan	2000	5.93	8.36	18.57	38.49	10.85	164.86
Jordan	2001	5.67	7.25	17.2	43.58	12.34	166.35
Jordan	2002	4.68	9.29	16.79	47.33	13.17	209.44
Jordan	2003	3.93	6.93	15.35	42.5	13.18	176.48
Jordan	2004	4.62	9.16	16.63	54.23	15.5	191.37
Jordan	2005	3.95	8.56	13.89	46.12	13.74	170.7
Jordan	2006	3.94	8.89	14.89	47.05	16.13	170.72
Jordan	2007	4.31	9.97	11.83	45.19	16.45	139.57
Jordan	2008	3.76	11.31	14.71	39.07	19.79	149.14
Jordan	2009	3.94	11.57	10.97	43.31	19.02	157.72
Jordan	2010	2.61	11.61	18.81	47.07	18.39	173.12
Jordan	2011	2.14	9.74	20.33	52.26	15.64	159.27
Jordan	2012	1.23	10.32	10.61	56.18	15.02	169.75
Jordan	2013	2.64	13.18	10.73	56.92	14.48	169.26
Jordan	2014	1.616438	8.219178	9.39726	50.46575	15.36986	120.7397
Jordan	2015	1.589041	8.191781	9.315068	54.24658	15.91781	150.8219
Jordan	2016	1.671233	8.383562	9.068493	53.58904	16.49315	139.863
Jordan	2017	2.273973	9.945205	8.986301	53.53425	16.10959	137.3699
Kazakhstan	1992	59.41	0.86	27.33	16.39	11.68	39.61
Kazakhstan	1993	46.81	1.25	25.53	19.75	10.26	29.51
Kazakhstan	1994	42.63	1.42	19.56	22.02	7	29
Kazakhstan	1995	31.64	2.49	13.69	21.27	6.48	31.01
Kazakhstan	1996	29.19	2.38	9.13	21.12	7.9	26.34
Kazakhstan	1997	35.45	1.94	9.3	18.43	4.86	24.9
Kazakhstan	1998	38.45	3.97	10.59	19.08	4.22	18.29
Kazakhstan	1999	35.19	3.75	11.59	20.65	7.76	23.83
Kazakhstan	2000	46.58	4.01	13.99	24.64	10.74	43.57
Kazakhstan	2001	46.57	4.75	12.84	30.46	8.57	41.11
Kazakhstan	2002	59.42	4.67	14.53	31.99	7.95	47.16
Kazakhstan	2003	61.84	5.71	15.86	33.68	6.94	45.14
Kazakhstan	2004	76.77	6.85	16.49	34.77	6.95	67.02
Kazakhstan	2005	94.48	6.37	17.51	45.6	8.84	72.8
Kazakhstan	2006	107.18	7.68	17.7	46.97	9.37	69.48
Kazakhstan	2007	123.77	8.29	20.07	51.32	12.99	93.71
Kazakhstan	2008	117.14	8.52	22.49	53.7	15.5	92.19
Kazakhstan	2009	96	8.01	23.84	51.55	10.7	111.25
Kazakhstan	2010	106.3	7.47	24.14	46.44	13.91	134.69
Kazakhstan	2011	102.59	8.05	22.81	59.17	14.92	196.37
Kazakhstan	2012	113.04	8.71	21.78	60.78	14.77	230.05
Kazakhstan	2013	109.37	8.69	22.72	61.87	14.62	249.15

Kazakhstan	2014	111.1781	6.767123	22.52055	59.20548	12.87671	185.863
Kazakhstan	2015	110.6849	6.082192	23.67123	62.35616	12.68493	178.0822
Kazakhstan	2016	109.5616	5.726027	23.56164	58.71233	12.49315	178.4384
Kazakhstan	2017	112.6849	6.219178	23.61644	60.27397	12.35616	165.9726
Kenya	1961	12.13	107.26	2.32	4.11	5.12	158.12
Kenya	1962	11.8	108.8	2.34	4.73	6.53	158.01
Kenya	1963	12.94	106.5	2.35	4.8	6.81	148.85
Kenya	1964	13.03	106.97	2.36	4.98	6.94	169.21
Kenya	1965	13.71	98.14	2.37	5.93	7.43	139.9
Kenya	1966	15	115.43	1.95	4.44	8.28	136.73
Kenya	1967	15.04	116.94	1.95	4.08	7.62	129.43
Kenya	1968	18	103.26	1.95	4.97	7.33	124.9
Kenya	1969	19.77	91.9	2.29	5.94	8.05	120.52
Kenya	1970	22.96	98.56	2.17	4.87	9.36	119.08
Kenya	1971	25.74	93.71	2.29	6.59	5.98	117.48
Kenya	1972	25.97	93.88	2.39	6.22	6.61	116.74
Kenya	1973	34.1	90.59	2.45	5.3	6.23	113.67
Kenya	1974	37.63	82.68	2.53	5.32	6.91	111.39
Kenya	1975	36.06	79.48	2.57	5.84	5.67	81.3
Kenya	1976	37.29	77.44	2.74	7.8	8.22	81.15
Kenya	1977	41.59	76.24	2.68	8.61	8.28	81.44
Kenya	1978	41.09	72.25	2.67	9.94	8.58	82.71
Kenya	1979	41.32	58.03	2.58	9.89	8.97	166.87
Kenya	1980	41.54	57.44	2.55	12.79	8.21	162.48
Kenya	1981	45.02	29.09	2.57	15.07	9.12	155.32
Kenya	1982	40.53	16.41	3.71	14.27	12.57	150.91
Kenya	1983	36.79	13.14	5.1	12.88	14.66	135.05
Kenya	1984	36.85	20.73	3.66	12.48	13.16	134.97
Kenya	1985	38.79	31.58	4.53	12.24	14.66	132.82
Kenya	1986	41.55	28.52	4.16	13.17	15.86	136.45
Kenya	1987	42.29	28.09	4.06	12.07	16.1	131.21
Kenya	1988	42.23	32.67	3.94	12.19	15.84	121.17
Kenya	1989	41.44	26.38	3.86	14.06	15.45	124.57
Kenya	1990	42	23.33	4.17	16.84	20.51	122.79
Kenya	1991	37.49	18.41	3.81	18.76	18.71	127.22
Kenya	1992	40.49	19.55	3.8	17.98	14.12	163.44
Kenya	1993	34.36	10.65	3.41	17.55	15.1	163.67
Kenya	1994	29.14	15.01	3.84	18.11	17.43	127.79
Kenya	1995	32.34	16.57	4.14	20.27	15.94	110.78
Kenya	1996	26.81	12.48	4.16	20.09	14.47	117.69
Kenya	1997	26.29	16.24	4.76	18.9	12.8	141.1
Kenya	1998	25.36	12.9	4.6	18.62	14.27	171.56
Kenya	1999	19.48	17.11	4.5	19.52	16.47	171.15
Kenya	2000	20.44	12.5	4.45	19.19	16.52	158.82
Kenya	2001	18.34	16.34	3.86	18.83	11.88	166.9
Kenya	2002	18.36	17.82	3.43	17.55	8.16	161.73
Kenya	2003	20.04	17.91	3.84	18.17	6.69	134.22
Kenya	2004	21	11.14	3.93	17.9	7.92	150.2
Kenya	2005	22.37	19.71	3.68	17.95	10.21	157.77

Kenya	2006	18.83	21.18	4.11	17.92	11.24	152.88
Kenya	2007	18.79	24.67	4.14	18.54	9.12	152.47
Kenya	2008	28.82	8.45	4.49	18.27	9.34	181.91
Kenya	2009	25.22	17.58	4.62	20.63	9.09	184.51
Kenya	2010	25.29	13.67	5.1	18.73	9.37	180.66
Kenya	2011	31.07	25.89	5.12	15.81	12.37	148.7
Kenya	2012	32.08	23.92	5.08	15.49	12.03	160.27
Kenya	2013	30.47	26.75	5.04	16.46	11.72	156.52
Kenya	2014	26.21918	33.80822	3.534247	12.79452	11.12329	182.9315
Kenya	2015	27.17808	33.17808	3.753425	14.32877	10.68493	168.4384
Kenya	2016	34.46575	29.53425	3.945205	14.43836	11.20548	152.1644
Kenya	2017	31.50685	23.61644	3.643836	16.52055	10.93151	122.4658
Kiribati	1961	10.39	1.85	4.67	22.65	128.93	571.52
Kiribati	1962	8.92	1.72	4.54	22	125.24	566.93
Kiribati	1963	12.64	1.52	4.57	21.39	125.57	563.44
Kiribati	1964	15.99	1.48	4.59	21.25	140.69	564.29
Kiribati	1965	16.21	1.95	4.61	21.42	151.41	565.68
Kiribati	1966	23.18	1.05	4.64	19.11	158.05	564.38
Kiribati	1967	22.6	1.71	4.59	17.94	157.54	564.82
Kiribati	1968	22.51	1.83	4.5	17.42	163.08	556.29
Kiribati	1969	21.59	2.25	4.52	17.33	162.48	549.35
Kiribati	1970	25.65	2.57	4.55	17.25	161.89	549.27
Kiribati	1971	27.09	2.97	4.57	16.87	164.38	546.97
Kiribati	1972	35.91	3.31	4.53	16.8	163.78	553.48
Kiribati	1973	27.51	2.46	5.71	20.37	166.13	554.05
Kiribati	1974	59.16	2.87	5.89	20.95	173.1	563.04
Kiribati	1975	30.25	4.8	5.02	22.89	170.34	568.31
Kiribati	1976	29.85	2.51	6.77	25.76	174.97	563.64
Kiribati	1977	30.19	2.58	5.26	26.2	171.24	556.99
Kiribati	1978	32.56	2.28	4.69	23.36	176.59	553.37
Kiribati	1979	36.81	3.92	5.38	19.67	176.25	555.67
Kiribati	1980	34.72	2.96	5.03	20.56	183.69	546.76
Kiribati	1981	25.68	2.51	4.6	22.2	186.03	544.01
Kiribati	1982	23.01	2.44	5	19.63	188.12	539.85
Kiribati	1983	18.16	1.94	4.69	22.31	187.48	531.51
Kiribati	1984	15.11	2.96	4.66	26.09	188.46	538.78
Kiribati	1985	14.23	1.87	4.15	22.52	192.39	520.94
Kiribati	1986	16.19	2.5	4.2	19.6	192.18	499.86
Kiribati	1987	17.36	1.94	3.99	20.83	196.54	486.31
Kiribati	1988	13.45	2.53	3.83	21.74	196.51	450.76
Kiribati	1989	14.06	2.05	3.73	18.59	201.21	452.47
Kiribati	1990	12.11	1.91	3.74	21.98	201.66	463.94
Kiribati	1991	18.57	2.1	3.65	24.13	203.2	446.29
Kiribati	1992	18.39	2.24	3.72	27.66	203.87	456.24
Kiribati	1993	18.22	2.02	3.89	23.24	206.43	500.39
Kiribati	1994	17.5	1.62	4.05	21.24	209.16	471.64
Kiribati	1995	19.03	2.56	3.97	27.3	208.25	464.21
Kiribati	1996	18.97	2.55	3.83	23.58	207.86	483.2
Kiribati	1997	19.52	1.77	3.68	17.82	204.76	481.78

Kiribati	1998	22.25	1.96	3.9	20.1	206.16	488.74
Kiribati	1999	21.31	11.78	3.79	20.17	208.21	495.51
Kiribati	2000	21.96	12.51	5.74	24.09	206.52	520.75
Kiribati	2001	22.37	17.97	5.64	18.27	207.25	502.74
Kiribati	2002	21.37	13.72	5.67	19.71	205.64	483.12
Kiribati	2003	21.1	9.06	5.61	18.22	206.28	463.58
Kiribati	2004	18.78	2.13	5.73	16.25	206.27	489.9
Kiribati	2005	19.45	4.4	6.58	18.07	207.96	509.75
Kiribati	2006	20.31	4.02	6.17	17.3	203.14	503.56
Kiribati	2007	17.24	7.55	6.49	17.74	204.82	507.81
Kiribati	2008	13.01	1.63	6.38	16.58	198.73	516.29
Kiribati	2009	14.78	1.48	6.57	17.61	203.67	525.83
Kiribati	2010	13.92	0.73	6.8	15.68	203.77	534.99
Kiribati	2011	10.49	1.3	6.61	15.24	205.84	554.76
Kiribati	2012	8.11	0.75	6.97	17.54	201.78	540.67
Kiribati	2013	8.27	3.25	7.63	16.02	199.8	580.83
Kiribati	2014	8.794521	1.315068	4.849315	15.17808	206.411	557.1781
Kiribati	2015	9.342466	0.794521	4.739726	16.13699	208.5753	552.4384
Kiribati	2016	9.945205	0.821918	4.931507	16.54795	210.7123	538.7123
Kiribati	2017	10.21918	1.068493	5.643836	16.84932	210.137	541.9726
Kuwait	1961	0.19	26	4.5	34.62	23.22	191.19
Kuwait	1962	0.16	22.9	4	33.38	23.73	179.48
Kuwait	1963	0.14	20.89	15.61	32.06	18.03	177.58
Kuwait	1964	0.16	17.45	16.74	33.41	25.79	185.48
Kuwait	1965	0.22	14.82	19.97	32.68	23.91	238.68
Kuwait	1966	0.45	16.46	17.69	35.51	24.66	269.31
Kuwait	1967	0.44	13.34	30.78	30.89	24.8	289.24
Kuwait	1968	0.44	12.2	24.83	28.87	22.98	306.5
Kuwait	1969	0.61	11.17	24.14	25.5	23.5	259.17
Kuwait	1970	0.53	10.93	27.12	24.67	20.86	272.03
Kuwait	1971	0.57	8.39	26.71	24.7	21.07	256.17
Kuwait	1972	0.62	9.27	29.07	25.94	17.34	253.02
Kuwait	1973	0	12.12	25.37	24.82	14.89	230.65
Kuwait	1974	0	11.1	24.81	23.26	20.43	234.55
Kuwait	1975	0	12.38	27.35	21.55	19.81	264.23
Kuwait	1976	0	13.06	30.47	23.95	24.03	261.02
Kuwait	1977	0	15.28	30.27	20.01	46.47	242.77
Kuwait	1978	0	15.94	27.66	19.17	27.85	280.7
Kuwait	1979	0	16.49	33.32	21.65	29.25	289.86
Kuwait	1980	0	16.37	39.17	25.68	38.99	302.01
Kuwait	1981	0	14.62	39.46	26.29	33.77	298.16
Kuwait	1982	0	12.7	38.73	28.34	34.36	318.15
Kuwait	1983	0	10.49	35.27	26.15	34.74	314.5
Kuwait	1984	0	10.97	43.56	26.04	40.83	325.02
Kuwait	1985	0	9.61	35.77	24.23	35.62	319.37
Kuwait	1986	0	10.26	44.35	25.02	34.04	284.85
Kuwait	1987	0	10.13	31.87	25.81	33.39	296.32
Kuwait	1988	0	10.08	29.66	30.43	35.86	280.23
Kuwait	1989	0	9.55	28.55	30.66	33.05	275.42

Kuwait	1990	0	7.32	17.12	22.88	13.16	134.58
Kuwait	1991	0	3.31	4.66	19.3	11.44	45.52
Kuwait	1992	0	7.5	23.81	15.16	25.69	173.16
Kuwait	1993	0	8.46	28.92	17.65	27.99	216.06
Kuwait	1994	0	10.26	29.26	20.86	33.58	264.89
Kuwait	1995	0	12.16	35.55	26	37.93	291.88
Kuwait	1996	0	11.48	34.31	25.44	38.28	299.69
Kuwait	1997	0	11.48	35.19	32	32.66	300.44
Kuwait	1998	0	13.01	30.97	28.96	34.29	277.8
Kuwait	1999	0	12.84	32.32	29.46	36.55	271.2
Kuwait	2000	0	10.53	37.2	25.52	29.31	280.05
Kuwait	2001	0	11.97	35.9	28.62	26.15	273.99
Kuwait	2002	0.24	9.81	22.53	31.89	24.97	152.35
Kuwait	2003	0.86	6.16	32.36	28.81	32.52	143.19
Kuwait	2004	0.2	8.56	39.95	29.69	29.23	151.82
Kuwait	2005	0	10.39	41.39	30.09	32.43	171.65
Kuwait	2006	0.14	7.46	41.09	32.52	33.01	266.07
Kuwait	2007	0.74	7.01	53.33	31.11	36	221.6
Kuwait	2008	0.83	14.63	35.5	29.37	30.37	183.93
Kuwait	2009	3.71	15.24	29.99	29.19	48.51	217.17
Kuwait	2010	0	17.07	34.16	29.75	54.26	181.78
Kuwait	2011	0.23	15.2	30.35	29.22	43.14	200.4
Kuwait	2012	0.26	14.73	35.3	29.83	37.87	238.01
Kuwait	2013	0	14.51	34.52	26.9	37.95	308.81
Kuwait	2014	0	10.49315	41.83562	24.57534	34.65753	292.5753
Kuwait	2015	0	9.643836	39.45205	24.24658	33.34247	255.5342
Kuwait	2016	0	10.41096	45.80822	23.39726	32.32877	263.4521
Kuwait	2017	0.164384	10.16438	50.16438	23.15068	31.50685	205.1781
Kyrgyzstan	1992	38.6	0.72	19.64	19.96	0.52	72.58
Kyrgyzstan	1993	21.09	2.53	12.42	14.2	0.21	25.26
Kyrgyzstan	1994	22.51	0.95	7.03	15.23	0.62	35.96
Kyrgyzstan	1995	16.08	0.68	4.76	6.16	0.58	24.23
Kyrgyzstan	1996	22.7	0.89	5.22	10.95	0.93	16.76
Kyrgyzstan	1997	22.63	2.31	5.66	10.14	1.54	31.01
Kyrgyzstan	1998	25.61	3.29	6.96	13.76	2.73	32.2
Kyrgyzstan	1999	15	2.24	6.87	7.27	2.17	23.78
Kyrgyzstan	2000	18.34	2.74	7.35	7.08	2.37	74.11
Kyrgyzstan	2001	20.39	3.38	7.19	7	2.25	85.96
Kyrgyzstan	2002	24.09	2.65	7.61	8.39	2.68	83.2
Kyrgyzstan	2003	28.86	2.96	8.27	9.35	3.54	78.73
Kyrgyzstan	2004	36.13	2.84	8.9	11.83	3.74	100.86
Kyrgyzstan	2005	34.99	3.3	9.24	12.02	4.02	95.45
Kyrgyzstan	2006	32.96	3.46	10.01	15.01	4.99	131.28
Kyrgyzstan	2007	39.43	3.2	10.91	16.31	6.55	116.26
Kyrgyzstan	2008	34.3	3.43	11.09	18.61	6.73	85.91
Kyrgyzstan	2009	31.22	3.2	11.25	15.4	5.19	88.41
Kyrgyzstan	2010	35.07	3.34	12.16	18.99	5.82	87.08
Kyrgyzstan	2011	39.25	3.76	12.63	16.68	6.51	85.24
Kyrgyzstan	2012	37.4	3.54	12.39	19.41	6.41	75.84

Kyrgyzstan	2013	35.21	3.58	12.72	20.74	6.33	79.82
Kyrgyzstan	2014	37.86301	2.712329	12.60274	19.80822	8.219178	92.13699
Kyrgyzstan	2015	38.65753	2.410959	11.09589	19.75342	5.041096	98.19178
Kyrgyzstan	2016	27.50685	2.547945	10.87671	18.52055	3.068493	109.3973
Kyrgyzstan	2017	27.91781	2.986301	11.83562	19.61644	3.123288	102.0274
Land Locked Developing Countries	1961	5.72	122.15	2.48	8.1	7.39	143.02
Land Locked Developing Countries	1962	5.83	124.78	2.52	8.19	8.54	157.6
Land Locked Developing Countries	1963	6.26	129.76	2.55	8.99	9.55	145.13
Land Locked Developing Countries	1964	6.32	126.74	2.61	8.82	9.39	156.22
Land Locked Developing Countries	1965	7.01	116.45	2.68	9.38	9.93	160.04
Land Locked Developing Countries	1966	8.41	122.5	2.76	9.23	10.78	155.97
Land Locked Developing Countries	1967	9.09	130.57	2.86	9.54	10.86	181.16
Land Locked Developing Countries	1968	9.31	133.5	2.88	9.39	11.34	187.54
Land Locked Developing Countries	1969	9.97	128.66	3.04	9.71	12.22	178.73
Land Locked Developing Countries	1970	10.7	143.88	3.01	10.2	12.63	169.23
Land Locked Developing Countries	1971	11.44	147.26	3	9.9	13.07	163.17
Land Locked Developing Countries	1972	11.92	136.04	3.13	9.71	14.38	167.77
Land Locked Developing Countries	1973	12.74	141.8	3.07	10.13	14.26	171.79
Land Locked Developing Countries	1974	12.63	145.09	3.29	10.89	13.45	168.38
Land Locked Developing Countries	1975	14.41	139.36	3.53	11.41	13.58	170.26
Land Locked Developing Countries	1976	15.09	143.28	3.68	11.26	12.29	164.53
Land Locked Developing Countries	1977	15.01	130.87	3.51	11.06	13.83	159.27
Land Locked Developing Countries	1978	16.05	126.8	3.54	10.6	13.79	163.07
Land Locked Developing Countries	1979	16.1	111.06	3.59	11.54	12.45	183.16
Land Locked Developing Countries	1980	16.99	102.86	3.83	11.89	12.55	177.56
Land Locked Developing Countries	1981	16.8	96.08	3.63	12.45	11.38	179.34
Land Locked Developing Countries	1982	16.32	98.78	3.67	11.87	11.44	190.99
Land Locked Developing Countries	1983	15.97	89.8	3.67	12.02	11.12	189.06
Land Locked Developing Countries	1984	15.75	95.3	3.61	11.47	12.02	179.17
Land Locked Developing Countries	1985	15.45	91.33	3.54	13.1	10.74	189.87
Land Locked Developing Countries	1986	15.85	100.34	3.56	12.82	11.66	184.04
Land Locked Developing Countries	1987	14.15	106.79	3.55	12.06	12.03	185.79
Land Locked Developing Countries	1988	14.03	104.25	3.64	13.39	11.78	187.63
Land Locked Developing Countries	1989	14.54	109.84	3.87	14.25	11.95	198.64
Land Locked Developing Countries	1990	14.01	105.48	4.19	14.87	12.34	190.69
Land Locked Developing Countries	1991	15.2	100.98	4.28	14.42	11.16	195.99
Land Locked Developing Countries	1992	23.44	73.41	8.3	16.69	10.51	158.22
Land Locked Developing Countries	1993	19.07	62.88	6.21	14.48	7.55	124.36
Land Locked Developing Countries	1994	18.86	62.54	5.65	15.44	7.22	123.91
Land Locked Developing Countries	1995	18.28	62.29	5.07	15.48	7.46	130.19
Land Locked Developing Countries	1996	17.99	64.34	4.69	15.55	6.97	126.8
Land Locked Developing Countries	1997	17.83	61.34	4.77	15.04	7.14	126.57
Land Locked Developing Countries	1998	18.15	60.31	4.63	14.89	6.72	126.1
Land Locked Developing Countries	1999	18.91	60.89	4.87	15.14	7.29	127.68
Land Locked Developing Countries	2000	19.42	55.25	4.91	14.93	7.71	127.47
Land Locked Developing Countries	2001	19.34	60.74	5.16	15.55	7.02	124.82
Land Locked Developing Countries	2002	19.3	59.42	5.22	15.75	6.9	132.02
Land Locked Developing Countries	2003	19.29	58.94	5.6	16.59	7.36	125.33
Land Locked Developing Countries	2004	21.07	58.44	5.79	17.53	8.35	127.14



Land Locked Developing Countries	2005	23.12	59.37	5.95	18.88	8.66	127.77
Land Locked Developing Countries	2006	24.94	59.28	5.89	18.24	8.4	132.15
Land Locked Developing Countries	2007	26.69	58.83	6.25	18.65	9.15	133.32
Land Locked Developing Countries	2008	26.71	51.32	6.46	19.98	9.35	126.59
Land Locked Developing Countries	2009	25.9	50.61	6.68	19.41	9.59	132.8
Land Locked Developing Countries	2010	27.92	52.77	6.72	19.48	10.33	134.91
Land Locked Developing Countries	2011	28.92	52.13	6.69	20.7	11	139.55
Land Locked Developing Countries	2012	33.31	52.74	6.55	20.53	10.65	147.75
Land Locked Developing Countries	2013	32.73	51.38	6.71	20.54	10.59	145.7
Land Locked Developing Countries	2014	32.9589	50.08219	6.794521	20.57534	12.49315	144.6027
Land Locked Developing Countries	2015	33.47945	49.91781	6.493151	20.54795	12.21918	148.1096
Land Locked Developing Countries	2016	33.91781	47.83562	6.438356	20.57534	12.49315	146.9041
Land Locked Developing Countries	2017	34.73973	47.06849	6.767123	20.52055	12.41096	147.0959
Lao People's Democratic Republic	1961	16.7	1.16	0.94	3.45	15.16	69.3
Lao People's Democratic Republic	1962	15.87	1.23	0.82	3.34	21.22	69.27
Lao People's Democratic Republic	1963	14.87	2.12	0.76	3.34	19.47	69.03
Lao People's Democratic Republic	1964	15.02	3.85	0.59	3.96	17.92	68.38
Lao People's Democratic Republic	1965	16.71	3.65	0.58	4.37	19.13	68.89
Lao People's Democratic Republic	1966	15.86	3.41	0.52	4.31	21.71	70.68
Lao People's Democratic Republic	1967	16.59	2.27	0.83	4.41	21.05	69.89
Lao People's Democratic Republic	1968	16.92	2.7	0.81	4.65	21.1	68.91
Lao People's Democratic Republic	1969	19.18	2.96	0.86	4.88	19.75	72.06
Lao People's Democratic Republic	1970	19.17	2.42	1.39	4.79	20.98	74.65
Lao People's Democratic Republic	1971	15.16	2.58	1.41	4.81	20.17	69.26
Lao People's Democratic Republic	1972	16.11	2.2	1.55	4.58	20.45	69.49
Lao People's Democratic Republic	1973	16.15	1.58	1.66	3.96	19.28	67.74
Lao People's Democratic Republic	1974	14.54	1.04	1.62	3.82	19	67.12
Lao People's Democratic Republic	1975	14.66	1.28	2.54	3.22	20.48	59.36
Lao People's Democratic Republic	1976	14.26	0.09	2.44	3.26	19.48	62.17
Lao People's Democratic Republic	1977	14.71	2.52	2.41	3.69	19.26	60.91
Lao People's Democratic Republic	1978	14.55	1.07	2.35	3.37	19.06	56.53
Lao People's Democratic Republic	1979	15.58	2.29	2.31	4.18	20.54	65.37
Lao People's Democratic Republic	1980	18.64	2.96	3.09	5.43	20.23	72.29
Lao People's Democratic Republic	1981	20.17	4.08	2.97	5.75	19.83	75.35
Lao People's Democratic Republic	1982	19.22	1.38	2.89	5.71	19.38	78.16
Lao People's Democratic Republic	1983	18.73	1.86	2.77	5.52	20.46	79.98
Lao People's Democratic Republic	1984	18.23	1.44	2.67	5.85	19.91	84.4
Lao People's Democratic Republic	1985	18.25	1.7	2.65	3.96	19.37	85.83
Lao People's Democratic Republic	1986	17.75	0.87	2.58	5.11	18.83	87.2
Lao People's Democratic Republic	1987	18.3	0.86	2.42	4.86	19.72	77.8
Lao People's Democratic Republic	1988	17.79	1.48	2.43	4.24	19.15	71.84
Lao People's Democratic Republic	1989	18.74	0.83	2.3	4.83	18.61	75.74
Lao People's Democratic Republic	1990	20.78	1.56	2.19	4.93	18.07	79.13
Lao People's Democratic Republic	1991	22.83	1.58	2.18	4.35	18.18	79.55
Lao People's Democratic Republic	1992	22.75	1.11	2.06	4.52	18.27	83.61
Lao People's Democratic Republic	1993	24.19	1.83	2.06	4.33	18.47	82.97
Lao People's Democratic Republic	1994	25.56	2.21	2.58	4.76	22.85	83.24
Lao People's Democratic Republic	1995	27.76	1.4	2.07	5.15	25.2	74.69
Lao People's Democratic Republic	1996	30.65	1.19	2.65	5.25	22.67	77.39

Lao People's Democratic Republic	1997	36.33	1.29	2.98	5.48	23.46	84.24
Lao People's Democratic Republic	1998	38.88	1.37	3.42	5.86	22.75	88.72
Lao People's Democratic Republic	1999	39.24	1.11	3.85	5.63	32.72	88.82
Lao People's Democratic Republic	2000	40.6	3.67	4.53	5.15	38.53	92.92
Lao People's Democratic Republic	2001	33.92	4.2	5.16	5.2	42.81	96.9
Lao People's Democratic Republic	2002	37.4	8.5	5.48	5.29	48.08	118.8
Lao People's Democratic Republic	2003	40.7	6.77	5.34	5.4	48.49	136.32
Lao People's Democratic Republic	2004	42.03	5.55	5.31	5.48	48.23	163.61
Lao People's Democratic Republic	2005	43.09	6.93	5.28	6.55	43.25	167.84
Lao People's Democratic Republic	2006	43.76	11.01	5.45	6.57	42.21	173.93
Lao People's Democratic Republic	2007	47.15	10.77	5.22	6.9	43.78	193.57
Lao People's Democratic Republic	2008	39.39	14.97	5.56	6.98	43.56	144.72
Lao People's Democratic Republic	2009	32.39	16.66	5.52	7.42	47.44	166.43
Lao People's Democratic Republic	2010	40.25	17.97	5.45	7.32	50.03	168.27
Lao People's Democratic Republic	2011	38.16	16.44	5.5	7.53	56.4	186.49
Lao People's Democratic Republic	2012	37.3	34.23	5.55	7.74	55.35	220.47
Lao People's Democratic Republic	2013	43.52	31.91	5.58	7.96	54.32	225.63
Lao People's Democratic Republic	2014	35.75342	39.83562	5.917808	13.83562	69.83562	288.274
Lao People's Democratic Republic	2015	27.15068	47.20548	5.150685	13.34247	65.0137	391.1781
Lao People's Democratic Republic	2016	28.19178	47.61644	5.150685	13.50685	68.65753	390.5205
Lao People's Democratic Republic	2017	38.35616	48.08219	5.178082	15.23288	69.23288	429.3151
Latvia	1992	111.85	0.65	32.34	24.6	92.67	70.94
Latvia	1993	68.34	3.65	20.76	31.45	83.12	149.26
Latvia	1994	90.94	1.42	21.07	23.47	84.28	101.35
Latvia	1995	103.82	1.97	25.59	35.53	74.81	110.27
Latvia	1996	107.56	4	28.81	38.82	68.53	104.1
Latvia	1997	114.85	8.76	28.95	40.73	52.85	136.15
Latvia	1998	128.76	10.31	26.76	42.29	44.64	117.96
Latvia	1999	168.84	12.99	26.29	42.16	47.47	148.25
Latvia	2000	162.42	13.72	26.62	42.47	36.76	160.87
Latvia	2001	149.31	13.62	31.27	49.42	32.31	148.74
Latvia	2002	198	15.33	33.68	53.69	27.66	162.5
Latvia	2003	206.41	16.05	33.67	54.06	26.5	143.12
Latvia	2004	178.37	15.4	34.89	59.24	36.62	144.66
Latvia	2005	238.08	15	37.76	60.42	35.34	161.87
Latvia	2006	253.82	15.79	42.45	67.01	38.45	159.42
Latvia	2007	266.96	17.95	44.11	58.42	54.28	170.23
Latvia	2008	260.93	19.62	44.2	52.76	66.51	148.33
Latvia	2009	254.34	20.24	39.23	53.64	74.14	136.56
Latvia	2010	252.96	20.22	38.26	51.47	76.5	130.08
Latvia	2011	259.55	19.02	38.54	51.21	70.49	135.62
Latvia	2012	238.97	19.82	37.87	48.34	57.33	133.19
Latvia	2013	241.49	18.85	38.45	51.74	64.86	134.94
Latvia	2014	250.2192	14.71233	37.28767	35.58904	65.78082	125.8356
Latvia	2015	254.5205	13.0411	37.64384	38.76712	66.54795	110.6849
Latvia	2016	253.0411	13.45205	31.17808	39.47945	67.31507	118.6849
Latvia	2017	274.274	16.84932	34.21918	39.17808	68.16438	135.4521
Least Developed Countries	1961	8.67	50.4	2.01	9.85	16.02	100.39
Least Developed Countries	1962	8.48	50.93	2.08	10.18	16.76	104.62

Least Developed Countries	1963	8.68	52.24	2.09	10.77	16.88	99.61
Least Developed Countries	1964	8.58	49.42	2.17	10.7	18	104.6
Least Developed Countries	1965	9	45.67	2.24	10.81	18.67	104.21
Least Developed Countries	1966	9.29	47.26	2.32	10.68	18.72	105.16
Least Developed Countries	1967	8.95	49.56	2.36	10.6	19.28	111.32
Least Developed Countries	1968	9.12	50.82	2.39	10.5	19.97	111.84
Least Developed Countries	1969	9.4	49.17	2.45	10.77	19.84	108.14
Least Developed Countries	1970	9.57	54.11	2.48	11.2	20.8	104.77
Least Developed Countries	1971	9.75	53.92	2.46	11.04	21.28	101.01
Least Developed Countries	1972	9.77	51.14	2.46	10.94	21.88	100.37
Least Developed Countries	1973	9.72	53.11	2.45	11.1	22.24	102.86
Least Developed Countries	1974	9.09	53.29	2.48	11.73	21.58	103.6
Least Developed Countries	1975	8.48	54.67	2.54	11.42	20.31	102.72
Least Developed Countries	1976	8.23	58.97	2.61	12.39	20.31	101.84
Least Developed Countries	1977	9.43	56.13	2.66	12.08	21.09	98.9
Least Developed Countries	1978	8.97	58.58	2.8	12.36	20.22	98.77
Least Developed Countries	1979	9.39	57.26	2.82	12.8	19.22	104.43
Least Developed Countries	1980	9.77	50.5	2.71	12.26	19.17	103.68
Least Developed Countries	1981	9.95	45.85	2.69	13.2	19.12	103.04
Least Developed Countries	1982	8.77	50.86	2.71	13.46	19.46	105.89
Least Developed Countries	1983	8.98	45.49	2.68	13.28	19.54	104.85
Least Developed Countries	1984	7.69	45.06	2.59	13.1	20.14	100.05
Least Developed Countries	1985	7.71	48.15	2.64	14.13	19.97	101.7
Least Developed Countries	1986	7.41	49.18	2.63	14.44	20.62	100.05
Least Developed Countries	1987	7.04	50.15	2.57	14.15	20.67	100.01
Least Developed Countries	1988	7.06	45.11	2.59	14.35	21.02	99.93
Least Developed Countries	1989	7.52	48.63	2.37	13.93	20.75	102.59
Least Developed Countries	1990	7.08	44.94	2.54	14.46	20.61	99.44
Least Developed Countries	1991	6.79	45.78	2.55	14.92	19.24	100.04
Least Developed Countries	1992	7.21	48.06	2.56	15.67	19.55	96.12
Least Developed Countries	1993	5.89	49.01	2.35	14.84	19.49	94.81
Least Developed Countries	1994	5.69	48.78	2.35	14.04	18.73	94.7
Least Developed Countries	1995	6.24	48.44	2.42	14.73	19.21	96.66
Least Developed Countries	1996	6.62	47.34	2.58	14.54	18.44	95.53
Least Developed Countries	1997	6.79	49.52	2.77	15.72	19.89	97.82
Least Developed Countries	1998	7.08	47.26	2.75	16.93	19.49	100.73
Least Developed Countries	1999	6.94	46.44	2.75	15.33	20.89	100.62
Least Developed Countries	2000	6.84	42.88	2.83	16.13	22.14	97.22
Least Developed Countries	2001	7.28	46.47	2.85	16.07	23.2	97.82
Least Developed Countries	2002	7.36	43.45	2.94	15.72	23.5	108.7
Least Developed Countries	2003	7.38	40.64	3.04	16.3	24.51	106.29
Least Developed Countries	2004	8.16	44.27	3.13	17.18	26.26	112.14
Least Developed Countries	2005	9.04	44.69	3.36	17.69	26.69	116.44
Least Developed Countries	2006	10.4	45.17	3.39	17.45	28.36	122.29
Least Developed Countries	2007	10.87	46.39	3.47	17.87	29.78	122.15
Least Developed Countries	2008	11.93	39.23	3.7	18.48	30.49	119.05
Least Developed Countries	2009	11.94	41.74	3.7	18.63	33.14	122.43
Least Developed Countries	2010	13.5	44.14	3.94	18.68	34.23	124.27
Least Developed Countries	2011	14.7	44.24	4.13	19.54	35.56	125.01

Least Developed Countries	2012	17.62	42.69	4.41	19.55	34.96	128.03
Least Developed Countries	2013	17.63	42.83	4.51	19.41	34.44	128.44
Least Developed Countries	2014	18.54795	42.24658	4.054795	19.75342	37.12329	128.137
Least Developed Countries	2015	19.80822	41.31507	4	19.94521	37.0137	131.1781
Least Developed Countries	2016	19.69863	39.0411	4.219178	20.08219	37.17808	130.137
Least Developed Countries	2017	19.91781	39.15068	4.493151	20.73973	36.54795	131.1233
Lebanon	1961	18.71	5.41	7.5	27.8	10.83	420.15
Lebanon	1962	18.67	5.11	7.51	28.88	11.16	353.88
Lebanon	1963	17.13	6.09	6	32.63	11.44	367.6
Lebanon	1964	16.85	4.57	8.26	28.55	9.91	415.01
Lebanon	1965	15.98	6.37	10.2	29.43	10.06	322.03
Lebanon	1966	16.64	8.05	18.51	26.81	9.6	311.51
Lebanon	1967	16.65	7.72	19.82	27.8	11.41	297.3
Lebanon	1968	16.67	8.43	17.13	30.28	12.02	310.08
Lebanon	1969	16.85	9.39	10.18	29.04	10.94	248.27
Lebanon	1970	16.38	8.7	9.67	31.09	9.91	311.81
Lebanon	1971	17.35	12.74	8.02	30.7	10.62	331.68
Lebanon	1972	17.35	12.19	5.92	31.39	10.1	446.23
Lebanon	1973	19.19	12.55	10.78	30.94	10.51	352.67
Lebanon	1974	20.45	12.53	10.59	33.53	11.04	371.39
Lebanon	1975	19.57	12.81	12.1	33.77	10.12	333.96
Lebanon	1976	20.95	13.05	10.07	36.04	9.98	316.83
Lebanon	1977	19.15	8.19	12.53	40.37	15.13	393.94
Lebanon	1978	20.64	5.95	13.13	38.19	1.82	371.54
Lebanon	1979	21.4	8.42	15.72	37.63	1.76	346.33
Lebanon	1980	23.42	10.09	34.77	40.93	1.82	317.46
Lebanon	1981	25.37	15.31	35.46	41.11	1.64	293
Lebanon	1982	24.97	17.11	32.19	43.08	1.58	352.43
Lebanon	1983	23.65	15.77	35.09	44.81	1.55	416.71
Lebanon	1984	25.55	13.84	32.5	48.29	1.55	457.44
Lebanon	1985	26.24	15.27	33.14	48.95	1.75	485.17
Lebanon	1986	27.04	8.25	31.16	50.36	1.92	536.67
Lebanon	1987	25.92	11.04	28.14	50.74	1.97	651.3
Lebanon	1988	27.59	13.69	28.3	53.48	1.86	651.28
Lebanon	1989	20.06	12.44	29.25	58.69	1.85	671.74
Lebanon	1990	25.16	13.72	28.04	59.9	1.52	707.36
Lebanon	1991	39.44	19.99	25.54	57.53	9.79	714.89
Lebanon	1992	33.13	22.44	20.7	52.07	7.86	692.02
Lebanon	1993	39.99	15.75	17.91	46.77	9.47	675.9
Lebanon	1994	44.72	13.32	16.03	45.1	11.71	641.26
Lebanon	1995	43.41	18.93	17.89	43.96	12.9	654.09
Lebanon	1996	29.98	19.5	21.06	43.19	18.49	670.24
Lebanon	1997	37.48	17.06	23.45	39.64	24.68	580.97
Lebanon	1998	31.03	19.98	25.29	42.63	22.23	526.65
Lebanon	1999	30.65	17.77	27.99	42.79	22.7	575.45
Lebanon	2000	28.3	16.77	26.45	38.8	20.09	462.93
Lebanon	2001	32.16	24.36	27	41.09	25.58	415.99
Lebanon	2002	30.46	16.38	24.31	38.99	21.23	397
Lebanon	2003	27.61	14.71	23.04	39.15	21.85	452.64

Lebanon	2004	33.71	16.69	20.55	42.49	25.32	415.6
Lebanon	2005	31.06	16.38	20.13	41.14	22.99	366.42
Lebanon	2006	32.37	15.01	17.58	49.82	26.14	369.87
Lebanon	2007	31.92	18.99	14.53	47.55	25.81	335.15
Lebanon	2008	34.53	18.08	15.78	47.47	26.8	319.35
Lebanon	2009	37.81	19.22	17.22	47.51	30.36	291.38
Lebanon	2010	46.44	22.01	14.42	48.17	33.42	228.72
Lebanon	2011	48.11	22.32	6.52	49.23	31.3	257.75
Lebanon	2012	41.57	21.75	7.45	45.29	30.15	278.47
Lebanon	2013	37.04	26.98	10.12	45.5	29.06	304.57
Lebanon	2014	33.17808	12.9589	6.520548	48.68493	25.83562	247.2329
Lebanon	2015	29.12329	12.68493	6.356164	48.30137	22.05479	255.863
Lebanon	2016	25.45205	12.38356	5.726027	45.12329	24.41096	250.1096
Lebanon	2017	23.94521	12.27397	5.835616	49.28767	23.91781	243.9726
Lesotho	1961	0	105.64	2.77	2.57	0	41.28
Lesotho	1962	0	104.95	2.96	2.73	0	40.54
Lesotho	1963	0	122.65	2.75	2.58	0	39.81
Lesotho	1964	0	114.64	2.71	2.34	0	45
Lesotho	1965	0	107.28	4.61	2.47	0	42.8
Lesotho	1966	0	116.4	1.69	1.49	0	40.73
Lesotho	1967	0	96.11	1.72	3.32	0	40.18
Lesotho	1968	0	94.05	1.52	2.65	0	39.37
Lesotho	1969	0	84.25	1.51	1.97	0	38.59
Lesotho	1970	0	94.94	1.6	2.01	0	40.43
Lesotho	1971	2.21	103.38	1.58	3.67	0	42.19
Lesotho	1972	1.86	35.48	3.94	5.92	0	44.51
Lesotho	1973	2.62	72.41	2.82	5.22	0	46.26
Lesotho	1974	3.66	134.87	2.42	6.26	0.02	48.6
Lesotho	1975	6.87	62.98	2.94	5.3	0.05	49.57
Lesotho	1976	11.63	42.03	3.21	6.62	0.06	55.7
Lesotho	1977	14.79	91.46	2.02	4.29	0.05	50.88
Lesotho	1978	41.44	117.54	3.93	5.53	0.05	46.65
Lesotho	1979	42.36	91.84	2.31	7.99	2.89	48.72
Lesotho	1980	61.21	74.26	3.64	8.63	5.1	43.87
Lesotho	1981	62.93	66.53	1.62	9.62	5.05	48.08
Lesotho	1982	53.58	31.95	2.15	9.12	6.17	50.82
Lesotho	1983	91.65	37.37	1.61	8.48	8.29	71.16
Lesotho	1984	77.18	34.98	1.66	10.92	6.43	64.67
Lesotho	1985	43.83	57.44	1.62	6.8	5.93	56.11
Lesotho	1986	46.46	34.9	1.59	10.64	5.52	45.77
Lesotho	1987	39.61	33.12	1.59	10.49	5.43	56.6
Lesotho	1988	34.4	43.8	1.56	10.37	0.05	61.46
Lesotho	1989	33.86	38.29	1.56	10.17	0.05	61.87
Lesotho	1990	34.17	37.15	1.34	9.86	0.05	60.16
Lesotho	1991	32.64	21.62	1.43	9.66	0.04	60.85
Lesotho	1992	32.66	20.19	1.36	9.39	0.05	58.18
Lesotho	1993	31.4	39.18	1.27	9.47	0.06	56.12
Lesotho	1994	30.82	39.86	1.67	9.22	0.06	55.39
Lesotho	1995	30.3	32.95	1.75	8.95	0.06	50.21

Lesotho	1996	29.88	33.74	1.85	8.54	0.06	50.92
Lesotho	1997	29.5	32.68	1.92	8.82	0.07	48.89
Lesotho	1998	29.17	32.59	1.81	8.49	0.06	45.64
Lesotho	1999	29.04	33.81	1.87	8.8	0.05	45.26
Lesotho	2000	28.79	34.73	1.99	8.7	1.92	46.74
Lesotho	2001	28.69	33.86	2.06	8.54	2.48	47.47
Lesotho	2002	30.94	33.28	2.05	8.03	4.88	46.89
Lesotho	2003	32.61	34.08	2.09	5.98	2.97	51.08
Lesotho	2004	33.99	35.44	2.01	6.13	2.05	49.14
Lesotho	2005	34.08	37.22	2.05	6.29	1.58	50.54
Lesotho	2006	36.66	34.68	1.92	5.84	1.6	51.84
Lesotho	2007	38.63	34.94	2.04	5.54	1.92	53.09
Lesotho	2008	37.3	35.17	2.15	3.37	2.18	54.21
Lesotho	2009	43.22	36.72	2.11	3.94	2.46	48.97
Lesotho	2010	49.52	25.78	2.19	3.23	2.42	48.18
Lesotho	2011	55.96	12.28	2.17	3.38	2.34	49.85
Lesotho	2012	43.74	16.15	2.14	3.12	2.31	51.5
Lesotho	2013	41.05	29.34	2.91	3.33	2.28	77.36
Lesotho	2014	48.35616	24.52055	2.246575	18.46575	8.054795	43.0137
Lesotho	2015	50.05479	21.09589	2.438356	15.72603	3.972603	34.73973
Lesotho	2016	49.94521	10.0274	2.712329	12.49315	5.068493	43.20548
Lesotho	2017	49.26027	23.75342	2.547945	14.84932	5.013699	38.21918
Liberia	1961	15.99	0.35	4.7	15.82	23.33	204.93
Liberia	1962	23.37	0.29	4.8	18.72	23.06	203.2
Liberia	1963	16.98	0.33	4.88	21.29	19.57	200.26
Liberia	1964	12.77	0.39	4.96	20.38	20.17	196.43
Liberia	1965	16.65	0.24	5.04	25.55	22.52	190.85
Liberia	1966	23.18	0.78	5.1	26.47	32.23	187.53
Liberia	1967	19.87	0.39	5.16	28.73	30.17	185.28
Liberia	1968	18.36	1.16	5.21	26.57	30.91	187.58
Liberia	1969	18.73	0.9	5.25	26.13	29.91	184.94
Liberia	1970	19.53	0.6	5.27	25.86	37.81	186.81
Liberia	1971	23.78	0.57	5.44	29.25	39.85	182.25
Liberia	1972	22.95	0.33	5.45	28.8	33.31	177.8
Liberia	1973	24.14	0.59	5.45	30.73	41.01	174.62
Liberia	1974	30.35	0.8	5.38	33.54	41.72	183.98
Liberia	1975	32.31	0.42	4.57	36.45	41.23	182.82
Liberia	1976	31.19	0.6	4.45	37.58	38.63	185.25
Liberia	1977	34.72	0.95	4.34	37.36	41.78	185.32
Liberia	1978	35.79	1.54	4.22	39.42	40.43	182.89
Liberia	1979	38.98	0.65	4.1	37.03	47.7	176.08
Liberia	1980	35.54	0.63	3.98	32.68	37.24	170.25
Liberia	1981	32.36	0.49	3.93	30.9	33.36	165.75
Liberia	1982	26.88	0.37	4	37.23	36.89	164.85
Liberia	1983	25.21	0.34	4.07	39.76	43.81	161.11
Liberia	1984	31.54	2.61	4	39.34	47.74	159.1
Liberia	1985	31.44	0.29	4.19	44.41	36.07	158.08
Liberia	1986	32.33	0.36	4.28	40.7	40.44	151.26
Liberia	1987	29.64	0.73	4.45	33.8	41.75	141.78

Liberia	1988	32.43	0.2	4.35	30.54	40.27	134.53
Liberia	1989	29.8	0.5	4.53	26.22	38.82	145.56
Liberia	1990	22.45	0.57	4.79	27.5	25.17	139.86
Liberia	1991	22.06	2.31	4.86	50.52	23.18	144.41
Liberia	1992	29.06	4.61	5.84	49.74	17.08	152.83
Liberia	1993	23.59	5.54	4.77	47.28	13.24	163.04
Liberia	1994	27.86	4.79	5.59	49.08	13.52	166.71
Liberia	1995	30.24	5.33	5.03	45.27	14.84	173.39
Liberia	1996	22.8	5.31	4.17	45.44	14	175.15
Liberia	1997	26.27	4.63	5.23	51.55	13.85	167.48
Liberia	1998	22.51	4.76	4.76	46.24	14.5	172.25
Liberia	1999	20.77	2.67	5.54	42.14	17.74	148.31
Liberia	2000	18.62	3.93	4.43	39.14	15.61	154.68
Liberia	2001	17.89	2.93	4.07	39.6	12.09	153.38
Liberia	2002	19.15	2.31	3.32	41.49	11.24	153.55
Liberia	2003	19.04	1.31	3.56	44.47	12.2	151.44
Liberia	2004	19.85	1.74	4.48	45.78	13.72	149.36
Liberia	2005	20.94	4.77	6.97	46.97	12.44	141.82
Liberia	2006	22.92	5.26	6.5	48.13	9.94	146.88
Liberia	2007	21.64	2.91	4.14	45.51	12.84	136.31
Liberia	2008	21.37	2.24	5.29	45.71	10.19	131.37
Liberia	2009	20.64	1.71	4.77	46	9.83	130.28
Liberia	2010	20.63	0.98	5.1	47.55	11.88	128.17
Liberia	2011	24.19	0.83	7.36	48.39	12.01	125.69
Liberia	2012	22.35	1.28	6.13	47.54	11.7	122.29
Liberia	2013	22.33	1.37	5.61	46.51	11.4	122.91
Liberia	2014	22.82192	0.90411	5.178082	47.31507	20.13699	119.5068
Liberia	2015	22.60274	1.013699	6.109589	48.43836	18.21918	118.6575
Liberia	2016	21.0411	0.931507	4.986301	43.72603	16.49315	116.411
Liberia	2017	21.06849	0.657534	3.315068	41.15068	16.08219	114.4932
Lithuania	1992	103.09	0.97	33.27	19.65	74.74	81.82
Lithuania	1993	106.6	0.94	23.24	15.97	66.52	161.17
Lithuania	1994	105.23	1.74	26.42	15.61	48.67	51.52
Lithuania	1995	117.33	2.29	28.47	12.76	44.59	87.39
Lithuania	1996	132.89	3.91	27.55	25.43	87.32	116.57
Lithuania	1997	144.66	6.79	29.79	35.06	60.1	212.14
Lithuania	1998	155.88	9.83	31.93	33.16	59.6	154.9
Lithuania	1999	180.66	10.97	30.37	32.32	80.02	173.72
Lithuania	2000	204.34	11.53	29.36	21.25	100.7	180.38
Lithuania	2001	220.3	13.24	33.68	32.49	115.12	201.12
Lithuania	2002	258.18	13.02	35.78	34.95	117.37	159.22
Lithuania	2003	266.74	11.77	33.85	34.27	103	182
Lithuania	2004	274.3	16.91	34.74	32.59	115.41	154.65
Lithuania	2005	300.06	25.65	31.29	34.69	107.86	203.41
Lithuania	2006	308.35	33.09	31.74	35.43	101.86	300.63
Lithuania	2007	299.59	35.15	32.38	35.17	119.16	273.39
Lithuania	2008	326.15	29.37	34.95	32.29	119.81	173.02
Lithuania	2009	308.85	21.01	34.05	30.82	120.21	159.48
Lithuania	2010	339.19	26.07	35.39	35.29	118.21	117.62

Lithuania	2011	367.02	18.16	35.7	35.77	119.14	116.05
Lithuania	2012	350.42	23.6	35.15	31.19	119.78	153.04
Lithuania	2013	359.54	16.55	35.9	30.54	120.22	137.18
Lithuania	2014	384.1096	11.83562	36.13699	26.84932	86.84932	115.9726
Lithuania	2015	372.7123	16.63014	34.35616	30.90411	88.0274	148.9589
Lithuania	2016	340.3288	15.67123	40.68493	29.78082	89.28767	147.8904
Lithuania	2017	325.5068	12.79452	41.12329	34.43836	90.73973	142.7397
Low Income Food Deficit Countries	1961	4.42	24.69	1.59	12.21	9.3	97.81
Low Income Food Deficit Countries	1962	4.39	25.23	1.66	12.79	9.5	99.85
Low Income Food Deficit Countries	1963	4.42	25.46	1.67	12.77	10.05	97.61
Low Income Food Deficit Countries	1964	4.52	24.89	1.7	12.29	11.14	99.64
Low Income Food Deficit Countries	1965	4.52	23.09	1.77	12.88	11.45	99.43
Low Income Food Deficit Countries	1966	4.56	24.06	1.8	12.18	11.6	100.61
Low Income Food Deficit Countries	1967	4.36	24.54	1.89	12.32	11.63	102.65
Low Income Food Deficit Countries	1968	4.52	24.86	1.93	12.36	11.82	102.75
Low Income Food Deficit Countries	1969	4.66	24.41	2	12.76	11.99	101.33
Low Income Food Deficit Countries	1970	4.86	27.27	2.03	12.85	12.59	101.36
Low Income Food Deficit Countries	1971	5.31	27.38	2.08	12.72	13.43	101.91
Low Income Food Deficit Countries	1972	5.46	26.1	2.18	12.41	13.27	99.81
Low Income Food Deficit Countries	1973	5.93	27.9	2.3	13.41	13.87	100.6
Low Income Food Deficit Countries	1974	6.16	29.58	2.33	13.25	14.79	101.08
Low Income Food Deficit Countries	1975	5.99	30.02	2.46	13.95	14.45	100.29
Low Income Food Deficit Countries	1976	6.34	31.92	2.55	13.9	14.69	99.36
Low Income Food Deficit Countries	1977	7.31	31.2	2.65	14.95	14.98	96.61
Low Income Food Deficit Countries	1978	6.79	32.48	2.75	15.48	14.99	98.09
Low Income Food Deficit Countries	1979	7.4	32.89	2.72	14.72	14.75	101.2
Low Income Food Deficit Countries	1980	7.6	30.91	2.78	15.55	14.59	100.38
Low Income Food Deficit Countries	1981	7.47	29.11	2.78	15.67	15.06	100.26
Low Income Food Deficit Countries	1982	8.2	30.09	2.86	15.52	14.97	101.64
Low Income Food Deficit Countries	1983	8.24	26.86	3	15.49	14.21	101.69
Low Income Food Deficit Countries	1984	7.56	27.04	3.09	15.63	14.1	106.09
Low Income Food Deficit Countries	1985	7.69	28.5	3.28	15.97	13.49	104.86
Low Income Food Deficit Countries	1986	7.89	28.62	3.38	16.79	13.85	106.72
Low Income Food Deficit Countries	1987	8.11	28.88	3.38	16.32	14.43	104.89
Low Income Food Deficit Countries	1988	7.38	27.16	3.41	17.55	14.5	99.5
Low Income Food Deficit Countries	1989	7.72	28.3	3.38	18.01	15.37	104.48
Low Income Food Deficit Countries	1990	7.4	26.6	3.61	18.18	15.37	104.51
Low Income Food Deficit Countries	1991	7.55	27.3	3.67	18.65	14.66	107.21
Low Income Food Deficit Countries	1992	7.52	27.47	3.83	18.97	14.23	110.5
Low Income Food Deficit Countries	1993	7.11	27.47	3.78	18.39	14.38	114.91
Low Income Food Deficit Countries	1994	7.08	27.66	3.85	19.22	13.95	117.5
Low Income Food Deficit Countries	1995	7.61	27.49	3.8	19.98	14.37	114.98
Low Income Food Deficit Countries	1996	8	28.01	3.74	21.07	15.12	118.29
Low Income Food Deficit Countries	1997	7.45	29.41	3.73	22.46	15.5	120.34
Low Income Food Deficit Countries	1998	7.58	29.49	3.98	21.31	15.57	123.92
Low Income Food Deficit Countries	1999	8.19	29.01	3.99	22.18	15.98	123.05
Low Income Food Deficit Countries	2000	8.01	28.08	4.36	21.98	15.41	116.74
Low Income Food Deficit Countries	2001	7.93	29.28	4.52	21.08	16.42	117.79
Low Income Food Deficit Countries	2002	8.32	28.46	4.52	21.8	15.96	120.02



Low Income Food Deficit Countries	2003	8.53	27.73	4.53	21.6	16.46	120.69
Low Income Food Deficit Countries	2004	8.34	28.98	4.8	22.25	17.13	125.23
Low Income Food Deficit Countries	2005	7.93	29.5	4.85	23.61	17.89	129.61
Low Income Food Deficit Countries	2006	8.74	29.53	5.1	23.94	19.01	138.33
Low Income Food Deficit Countries	2007	10.16	29.75	5.19	23.89	19.58	143.44
Low Income Food Deficit Countries	2008	10.64	27.05	5.35	23.28	20.64	146.87
Low Income Food Deficit Countries	2009	9.71	27.96	5.47	24.05	20.23	148.87
Low Income Food Deficit Countries	2010	10.53	28.28	5.67	23.29	20.69	155.89
Low Income Food Deficit Countries	2011	11.89	28.34	5.76	23.82	20.67	153.03
Low Income Food Deficit Countries	2012	13.14	27.6	5.99	24.22	20.17	155.77
Low Income Food Deficit Countries	2013	13.09	27.67	6.21	23.63	19.93	162.87
Low Income Food Deficit Countries	2014	12.19178	17.61644	6.356164	20.54795	23.78082	166.3014
Low Income Food Deficit Countries	2015	12.76712	17.31507	6.575342	20.49315	24.84932	164.5753
Low Income Food Deficit Countries	2016	13.17808	16.52055	6.876712	20.68493	25.36986	163.7534
Low Income Food Deficit Countries	2017	13.34247	16.52055	7.315068	21.53425	25.75342	165.7808
Luxembourg	2000	544.5	24.7	27.85	41.9	67.47	603.07
Luxembourg	2001	485.26	31.36	29.34	43.02	74.04	586.08
Luxembourg	2002	493.96	43.76	30.29	43.96	73.85	657.06
Luxembourg	2003	519.6	41.13	26.19	42.79	80.12	660.35
Luxembourg	2004	497.42	42.43	25.99	42.74	72.59	569.84
Luxembourg	2005	482.73	46.46	24.66	39.76	68.06	522.75
Luxembourg	2006	491.04	46.51	20.26	35.88	75.51	547.41
Luxembourg	2007	496.47	49.18	26.82	38.06	77.07	516.92
Luxembourg	2008	472.48	47.19	27.81	37.96	72.92	569.91
Luxembourg	2009	474.29	61.66	26.2	38.4	72.76	490.93
Luxembourg	2010	447.23	79.75	26.52	36.5	80.36	487.29
Luxembourg	2011	443.7	73.25	28.67	37.14	84.13	558.59
Luxembourg	2012	417.43	75.45	39.76	36.8	98.25	559.44
Luxembourg	2013	410.1	69.88	40.11	36.37	92.97	556.37
Luxembourg	2014	376.137	72.49315	40.35616	36.13699	96.35616	255.4247
Luxembourg	2015	373.7808	71.69863	39.67123	35.72603	96.60274	245.5068
Luxembourg	2016	375.1507	70.82192	42.84932	36	94.84932	251.8904
Luxembourg	2017	435.9726	71.80822	42.68493	35.20548	88.30137	248.8219
Madagascar	1961	23.64	4.68	4.24	5.9	15.76	153.38
Madagascar	1962	23.12	5.02	4.23	5.62	16.15	159.36
Madagascar	1963	23.7	5.79	4.17	5.09	18.49	154.96
Madagascar	1964	21.56	7.63	4.12	5.58	22.08	162.64
Madagascar	1965	19.23	7.35	4.06	5.39	21.35	159.22
Madagascar	1966	17.25	7.8	4.01	6.38	25.51	166.96
Madagascar	1967	16.52	6.75	3.95	6.33	25.85	175.13
Madagascar	1968	18.36	5.67	3.91	6.4	27.41	193.57
Madagascar	1969	17.32	3.86	3.86	6.55	20.36	223.73
Madagascar	1970	16.53	2.11	3.75	6.5	20.23	225.67
Madagascar	1971	16.94	1.52	3.99	7.73	20.93	225.19
Madagascar	1972	14.83	1.42	3.33	7.18	20.41	229.26
Madagascar	1973	16.18	1.53	3.71	6.73	21.64	243.2
Madagascar	1974	14.77	1.31	3.53	7.02	20.9	328.01
Madagascar	1975	17.13	1.41	3.53	7.75	20.37	309.63
Madagascar	1976	17.6	1.89	3.49	9.31	19.93	269.3

Madagascar	1977	18.03	4.54	3.53	8.42	20.01	222.46
Madagascar	1978	17.81	4.42	3.59	9.11	18.97	207.66
Madagascar	1979	16.27	4.89	3.61	10.69	18.49	188.27
Madagascar	1980	16.99	5.31	2.79	11.63	17.11	202.25
Madagascar	1981	13.94	5.61	2.73	11.02	16.75	204.03
Madagascar	1982	11.98	5.57	2.5	8.85	16.49	204.33
Madagascar	1983	13.62	6.39	2.3	9.09	17.44	204
Madagascar	1984	12.17	6	2.21	9.41	17.92	181.93
Madagascar	1985	12.82	7.83	2.78	8.97	17.86	179.61
Madagascar	1986	13.44	7.45	2.89	8.32	21.36	180.83
Madagascar	1987	12.66	6.6	2.31	8.46	22.26	177.61
Madagascar	1988	11.48	6.65	2.5	8.71	24.04	174.94
Madagascar	1989	12.37	6.19	2.33	9.16	22.44	169.72
Madagascar	1990	13.2	6.87	2.5	9.78	22.76	168.85
Madagascar	1991	10.68	5.69	2.48	9.41	20.62	163.03
Madagascar	1992	10.49	5.62	2.42	8.81	21.61	159.57
Madagascar	1993	9.69	5.56	2.41	8.78	21.89	156.08
Madagascar	1994	9.85	5.59	2.38	9.09	18.93	142.86
Madagascar	1995	10.1	5.32	2.46	10.08	17.77	143.53
Madagascar	1996	11.9	4.2	2.51	8.89	16.23	143.97
Madagascar	1997	8.73	4.54	2.51	9.74	23	142.72
Madagascar	1998	9.79	4.43	2.48	8.83	19.14	139.7
Madagascar	1999	15.13	7.28	2.47	9.05	19.86	136.14
Madagascar	2000	14.88	8.27	2.56	9.22	20.75	135.71
Madagascar	2001	14.88	8.48	2.44	9.46	17.39	134.13
Madagascar	2002	11	8.45	2.37	9.84	18.94	133.95
Madagascar	2003	13.55	8.58	2.31	9.77	18.58	129.73
Madagascar	2004	12.73	8.23	2.24	9.3	18.23	129.08
Madagascar	2005	12.19	7.18	2.18	9.09	18.87	128.99
Madagascar	2006	12.09	7.87	2.14	10.41	18.85	128.52
Madagascar	2007	13.39	5.69	2.11	9.57	20.45	130.86
Madagascar	2008	13.15	6.03	2.09	9.7	16.07	125.01
Madagascar	2009	14.74	6.72	2.08	8.24	16.93	133.16
Madagascar	2010	18.95	5.8	2.03	8.08	15.64	135.94
Madagascar	2011	17.99	7.16	2.04	7.64	13.32	135.71
Madagascar	2012	16.48	7.19	2.04	7.2	12.96	133.75
Madagascar	2013	15.83	5.67	1.94	7.38	12.61	129.4
Madagascar	2014	16.38356	4.438356	1.863014	6.438356	10	127.6438
Madagascar	2015	17.0137	4.794521	1.753425	6.739726	12.21918	124.7397
Madagascar	2016	17.75342	4.438356	1.726027	7.150685	14.9863	122.4384
Madagascar	2017	18.43836	4.712329	1.780822	8.136986	14.57534	120.9863
Malawi	1961	1.57	65.47	2.14	4.96	10.78	148.93
Malawi	1962	1.52	65.56	2.24	5.57	14.39	148.09
Malawi	1963	1.49	70.76	2.34	4.89	15.63	146.59
Malawi	1964	1.33	78.14	2.35	4.32	14.91	145.64
Malawi	1965	1.94	80	2.43	8.68	23.3	144.62
Malawi	1966	2.25	82.77	2.56	6.37	21.78	145.21
Malawi	1967	2.73	84.99	2.6	6.11	19.48	145.73
Malawi	1968	4.06	89.34	2.58	6.63	21.23	144.49

Malawi	1969	5.41	96.72	4.2	7.28	23.77	142.82
Malawi	1970	3.97	92.08	4.45	6.35	27.93	141.97
Malawi	1971	4.47	103.01	3.95	7.1	34.61	142.57
Malawi	1972	4.95	110.34	4.07	6.99	38.77	144.59
Malawi	1973	5.13	114.06	4.17	7.08	36.99	146.4
Malawi	1974	4.7	123.66	4.24	7.8	36.84	147.33
Malawi	1975	5.05	129.54	4.19	6.63	34.07	149.56
Malawi	1976	5.12	124.76	4.2	6.52	36.64	151.47
Malawi	1977	4.46	138.12	4.16	6.7	31.57	149.59
Malawi	1978	6.01	48.55	4.12	6.54	30.88	150.13
Malawi	1979	5.04	47.01	4.11	8.59	25.94	148.98
Malawi	1980	6.72	45.66	4.13	6.95	25.9	148.27
Malawi	1981	5.69	50.18	4.1	8.32	20.3	149.65
Malawi	1982	6.42	43.7	4.11	6.23	22.83	151.39
Malawi	1983	6.69	26	4.1	5.76	26.46	151.2
Malawi	1984	4.42	26.16	4.04	4.3	25.38	147.4
Malawi	1985	7.53	32.03	3.96	4.3	23.28	144.32
Malawi	1986	6.63	33.8	3.84	4.14	25.92	141.65
Malawi	1987	3.81	28.7	3.67	2.81	29.52	135.31
Malawi	1988	3.87	28.57	3.64	3.37	24.89	130.3
Malawi	1989	4.48	26.85	3.61	3.76	21.39	127.99
Malawi	1990	6.74	22.91	3.65	6.35	21.53	125.91
Malawi	1991	5.68	23.16	3.76	5.28	18.11	127.4
Malawi	1992	10.64	17.6	3.41	5.14	19.55	121.22
Malawi	1993	3.81	25.66	3.95	5.93	19.03	126.3
Malawi	1994	5.43	29.03	4.18	5.04	16.38	122.9
Malawi	1995	5.28	38.66	4.24	7.6	14.82	124.97
Malawi	1996	4.45	39.83	4.39	6.32	17.25	124.97
Malawi	1997	4.86	35.93	4.59	6.53	15.13	119.79
Malawi	1998	4.54	37.81	4.41	7.86	10.68	118.04
Malawi	1999	4.74	37.38	4.6	7.14	11.79	162.72
Malawi	2000	3.91	35.29	4	6.74	13.09	164.64
Malawi	2001	3.18	33.82	4.11	8.74	9.83	162.3
Malawi	2002	6.57	31.2	4.12	9.08	9.73	170.85
Malawi	2003	5.97	32.98	4.06	9.22	12.39	177.68
Malawi	2004	6.62	32.39	3.93	7.95	12.79	184
Malawi	2005	7.02	31.94	3.71	7.8	12.96	180.23
Malawi	2006	5.34	48.22	3.52	7.91	15.98	183.12
Malawi	2007	6.24	48.09	3.27	8.72	14.37	181.71
Malawi	2008	5.62	45.41	3.04	11.45	15.4	180.25
Malawi	2009	6.6	42.38	3.03	12.13	14.19	181.81
Malawi	2010	7.49	39.38	3	10.94	19.19	175.33
Malawi	2011	6.75	45.05	3	11.4	15.6	169.25
Malawi	2012	6.44	42.55	3.02	11.05	22.63	169.6
Malawi	2013	6.42	48.09	2.97	10.95	20.08	170.75
Malawi	2014	4.136986	49.28767	3.09589	10.63014	21.31507	316.0548
Malawi	2015	4.712329	48.63014	2.876712	10.38356	24.9589	312.0548
Malawi	2016	6.054795	38.65753	3.09589	10.84932	26.71233	300.8493
Malawi	2017	4.90411	40.73973	3.09589	10.65753	26	316.3836

Malaysia	1961	13.98	3.72	5.88	24.35	56.04	202.01
Malaysia	1962	11.87	3.41	7.47	22.71	59.22	208.23
Malaysia	1963	10.83	3.2	8.81	25.58	64.18	199.1
Malaysia	1964	10.03	2.97	10.42	26.1	58.46	202.06
Malaysia	1965	11.64	2.86	11.91	26.26	55.11	203.62
Malaysia	1966	11.75	3.22	12.71	26.62	64.03	184.59
Malaysia	1967	11.11	3.12	13.62	29.4	72.08	183.83
Malaysia	1968	10.82	3.12	14.73	28.33	77.87	183.23
Malaysia	1969	10.47	3.18	15.8	26.35	71.44	200.34
Malaysia	1970	9.51	2.82	17.07	26.9	64.45	204.87
Malaysia	1971	9.76	3.05	18.04	29.4	67.63	208.02
Malaysia	1972	9.22	3.03	19.21	28.74	61.45	203.26
Malaysia	1973	12.3	3.28	20.22	27.44	78.61	190.6
Malaysia	1974	14.41	3.29	21.25	30.74	94.99	194
Malaysia	1975	13.08	3.2	21.78	32.34	81.79	189.16
Malaysia	1976	14.85	2.76	22.68	33.8	89.91	185.3
Malaysia	1977	15.43	2.16	23.36	33.6	119.4	188.76
Malaysia	1978	17.71	3.21	23.99	36.31	119.14	193.29
Malaysia	1979	20.91	3.18	24.81	38.28	120.91	202.6
Malaysia	1980	23.28	4.34	25.44	41.9	117.7	198.2
Malaysia	1981	22.55	4.6	24.16	47.53	117.24	189.44
Malaysia	1982	22.35	4.74	24.75	50.16	124.17	185.78
Malaysia	1983	17.47	4.61	26.98	50.03	118.61	192.91
Malaysia	1984	17.98	5.74	27.4	55.98	134.2	190.08
Malaysia	1985	19.51	4.8	27.63	56.15	122.82	188.64
Malaysia	1986	16.86	4.45	27.95	57.74	126.41	186.43
Malaysia	1987	15.98	4.45	27.85	53.72	125.55	184.02
Malaysia	1988	17.26	4.53	28.16	47.86	118.16	199.48
Malaysia	1989	18.48	3.9	32.24	50.09	127.77	196.58
Malaysia	1990	20.49	4.02	34.59	49.61	130.24	184.59
Malaysia	1991	20.24	4.31	35.43	41.37	130.29	179.04
Malaysia	1992	14.47	4.55	35.85	41.96	138.9	185.84
Malaysia	1993	12.46	4.84	35.8	41.32	136.31	184.77
Malaysia	1994	10.06	4.71	34.57	41.13	142.11	188.23
Malaysia	1995	10.12	5.03	34.13	41.27	154.3	188.78
Malaysia	1996	10.62	5.51	35.28	37.28	149.84	185.92
Malaysia	1997	10.42	4.85	34.62	38.08	161.05	189.02
Malaysia	1998	10.63	5.34	35.12	39.95	152.62	178.16
Malaysia	1999	9.68	5.44	33.27	43.47	171.91	182.67
Malaysia	2000	11.96	3.82	32.76	44.23	172.04	187.16
Malaysia	2001	13.06	1.75	30.3	42.99	163.56	190.85
Malaysia	2002	12.86	1.57	26.55	44.11	170.97	189.52
Malaysia	2003	12.31	1.71	33.37	43.9	160.56	175.93
Malaysia	2004	12.55	1.95	34	45.11	147.21	175.9
Malaysia	2005	8.61	1.82	33.26	43.33	147.87	171.44
Malaysia	2006	9.25	3.43	33.18	42.29	149.47	149.64
Malaysia	2007	12.3	2.94	34.28	41.91	155.27	149.27
Malaysia	2008	10.8	2.35	29.59	44.1	158.78	150.92
Malaysia	2009	12.27	2.19	33.44	43.15	163.84	138.34

Malaysia	2010	18.55	3.64	40.01	44.89	166.22	147.64
Malaysia	2011	19.41	3.46	37.88	44.61	154.3	149.48
Malaysia	2012	23.7	3.13	36.71	45.73	167.12	152.61
Malaysia	2013	24.34	3.02	45.39	46.99	162.3	136.12
Malaysia	2014	24.08219	3.232877	42.93151	48.49315	157.8356	127.2603
Malaysia	2015	24.76712	3.287671	45.80822	48.27397	159.1507	133.0411
Malaysia	2016	25.34247	3.342466	47.89041	47.15068	159.6712	133.4247
Malaysia	2017	26.24658	3.150685	48.9863	49.09589	158.4932	135.4795
Maldives	1961	0	0	0	17.43	36.13	165.44
Maldives	1962	0	0	0	17.23	46.64	163.69
Maldives	1963	0	0	0	17.15	45.66	165.3
Maldives	1964	0	0	0	16.99	55.34	164.88
Maldives	1965	0	0	0	17.01	195.31	164.88
Maldives	1966	0	0	0	17.86	194.94	164.51
Maldives	1967	0	0	0	20.5	222.28	164.8
Maldives	1968	0	0	0	21.54	208.02	165.93
Maldives	1969	0	0	0	21.25	222.14	164.71
Maldives	1970	0	0	0	19.54	323.07	173.76
Maldives	1971	0	0	0	19.99	248.18	175.48
Maldives	1972	0	0	0	13.68	248.28	178.11
Maldives	1973	0	0	0	13.85	275.8	175.32
Maldives	1974	0	0	0	12.03	281.35	173.97
Maldives	1975	0	0	0	10.75	265.97	171.87
Maldives	1976	0	0	0	11.75	287.27	170.7
Maldives	1977	0	0	0	10.46	222.57	170.45
Maldives	1978	0	0	0	9.5	272.84	169.39
Maldives	1979	0	0	0	7.76	222.7	167.71
Maldives	1980	0	0	0	13.72	242.69	165.89
Maldives	1981	0	0	0	12.48	276.26	163.94
Maldives	1982	0	0	0	12.42	267.37	162.41
Maldives	1983	0	0	0	14.1	342.83	162.88
Maldives	1984	0	0	0	14.57	399.06	159.66
Maldives	1985	0	0	0	13.8	411.76	155.45
Maldives	1986	10.31	1.51	11.32	13.34	344.38	152.76
Maldives	1987	13.49	2.71	11.89	13.03	333.46	145.57
Maldives	1988	15.12	2.36	10.53	13.57	389.68	141.64
Maldives	1989	18.96	2.66	10.18	19.37	276.97	196.58
Maldives	1990	17.25	2.73	10.92	18.75	253.71	105.65
Maldives	1991	13.51	4.01	11.24	20.54	261.91	112.32
Maldives	1992	15.08	1.98	11.43	19.08	377.04	113.04
Maldives	1993	16.73	5.64	10.99	18.92	449.8	225.44
Maldives	1994	14.85	3.54	10.33	16.52	499.05	257.91
Maldives	1995	17.7	3.61	15.45	16.16	409.91	230.59
Maldives	1996	26.01	4.41	15.94	15.89	424.51	258.08
Maldives	1997	20.16	3.46	20.31	16.4	428.64	232.83
Maldives	1998	21.4	6.98	19.89	18.36	463.76	229.23
Maldives	1999	18.28	6.5	13.9	18.34	496.53	204.74
Maldives	2000	19.26	6.67	15.6	20.1	500.89	218.8
Maldives	2001	17.81	8.59	20.74	20.02	502.85	221.4

Maldives	2002	17.61	9.31	22.4	19.92	518.41	228.51
Maldives	2003	20.61	11.02	24.13	19.63	379.72	237.05
Maldives	2004	20.8	12.97	26.54	20.24	349.63	313.78
Maldives	2005	14.56	11.25	26.9	14.65	458.5	264.88
Maldives	2006	22.88	16.42	22.84	16.73	300.55	296.12
Maldives	2007	25.76	17.21	30.62	15.94	386.27	296.58
Maldives	2008	25.02	20.84	29.78	15.63	371.58	305.56
Maldives	2009	23.96	20.69	28.52	13.92	433.7	288.44
Maldives	2010	24.38	23.29	27.86	15.21	525.32	278.35
Maldives	2011	25.7	19.4	28.5	13.72	523.49	309.74
Maldives	2012	21.96	24.64	30.01	4.62	516.59	431.24
Maldives	2013	23.2	27.12	29.55	6.42	506.8	437.82
Maldives	2014	20.32877	10.41096	33.45205	5.123288	402.0548	163.4795
Maldives	2015	19.61644	11.83562	32.16438	5.013699	374.9863	166.2192
Maldives	2016	17.89041	10.73973	36.24658	5.205479	350.6849	220.0548
Maldives	2017	19.26027	11.20548	32.16438	5.205479	247.8904	173.6712
Mali	1961	0.88	17.72	1.79	10.43	24.21	40.33
Mali	1962	0.51	16.28	1.86	11.31	29.75	39.54
Mali	1963	0.53	17.91	1.92	19.65	28.64	38.46
Mali	1964	0.48	15.32	1.98	15	26.8	38.37
Mali	1965	0.51	13.86	2.05	20.79	26.51	41.68
Mali	1966	0.57	15.09	1.94	17.64	31.32	41.45
Mali	1967	0.67	15.79	1.97	16.74	31.41	41.32
Mali	1968	0.73	17.25	2.04	15.6	31.84	40.78
Mali	1969	0.77	15.1	2.15	16.91	32.61	45.18
Mali	1970	1.33	19.23	2.25	18.56	32.36	46.5
Mali	1971	1.03	15.34	2.32	16.21	32.97	46.93
Mali	1972	1.24	14.77	2.08	15.34	32.54	45.89
Mali	1973	1.29	14.18	1.79	16.16	36.53	46.33
Mali	1974	1.35	15.21	1.86	20.43	32.99	47.77
Mali	1975	1.3	15.1	1.93	26.04	29.81	47.27
Mali	1976	1.11	15.89	1.83	22.66	28.95	48.08
Mali	1977	1.75	15.19	1.72	21.99	29.3	48.81
Mali	1978	1.31	13.49	1.83	18.99	30.1	50.74
Mali	1979	0.47	15.78	1.66	17.81	33.12	49.35
Mali	1980	0.75	12.53	1.63	19.2	33.29	49.84
Mali	1981	1.13	11.28	1.78	17.99	28.45	49.89
Mali	1982	1.15	15.29	1.92	18.13	27.37	49.21
Mali	1983	0.88	14.15	2.06	14.58	23.19	48.7
Mali	1984	0.39	15	2.21	12.87	20.25	49.85
Mali	1985	0.86	19.33	2.42	18.6	19.7	49.46
Mali	1986	0.62	20.1	2.69	19.51	21.74	52.28
Mali	1987	0.4	21.32	2.65	16.83	20.98	52.17
Mali	1988	0.6	21.58	2.6	26.43	20	50.52
Mali	1989	0.76	21.3	2.56	24.5	25.07	50.87
Mali	1990	0.61	20.99	2.51	26.61	25.03	53.4
Mali	1991	0.62	17.86	2.45	28.45	23.76	54.96
Mali	1992	0.55	17.38	2.38	24.31	23.07	56.37
Mali	1993	0.5	16.07	2.32	23.43	21.38	56.81

Mali	1994	0.36	16.3	2.25	29.07	19.73	62.84
Mali	1995	0.44	18.45	2.18	21.99	40.82	62.96
Mali	1996	0.1	19.28	2.11	21.19	30.18	73.17
Mali	1997	0.12	18.44	2.04	25.53	27.5	74.69
Mali	1998	0.1	16.88	1.95	25.11	26.56	76.98
Mali	1999	1.9	16.23	1.88	23.6	25.98	74.94
Mali	2000	1.9	18.07	1.84	24.73	27.39	67.91
Mali	2001	2.11	18.44	1.83	28.66	24.51	80.35
Mali	2002	2.08	18.05	1.2	28.98	25.07	67.57
Mali	2003	2.08	17.75	1.27	27.72	25.83	79.17
Mali	2004	2.16	17.73	1.31	28.25	25.44	85.4
Mali	2005	2.25	17.54	1.32	27.61	25.7	74.78
Mali	2006	2.11	18.03	1.36	27.02	25.62	89.2
Mali	2007	2.22	18.17	1.41	26.52	23.31	84.47
Mali	2008	2.3	19.11	2.97	27.34	23.28	76.75
Mali	2009	2.3	16.74	2.74	27.35	22.59	75.93
Mali	2010	2.47	16.89	2.7	25.43	23.13	84.81
Mali	2011	2.68	17.28	2.56	25.56	24.02	76.38
Mali	2012	2.84	18.73	2.28	24.23	16.6	85.79
Mali	2013	3.4	16.8	2.48	25.89	21.18	78.78
Mali	2014	2.849315	90.10959	2.30137	21.9726	17.50685	78.41096
Mali	2015	2.410959	99.17808	2.273973	24.9589	20.30137	76.32877
Mali	2016	0.657534	90.21918	2.30137	21.9726	23.36986	128.1644
Mali	2017	2.821918	97.31507	1.945205	20.38356	25.58904	132.411
Malta	1961	36.14	11.56	22.15	43	29.33	146.24
Malta	1962	33.07	11.74	24.52	41.38	28.09	153.67
Malta	1963	38.99	12.33	24.59	43.6	30.05	141.25
Malta	1964	36.36	10.5	28.79	48.84	28.47	151.32
Malta	1965	46.21	8.88	33.22	50.95	24.1	128.37
Malta	1966	48.9	10.75	23.41	48.32	25.07	147.56
Malta	1967	57.93	9.37	29.22	49.2	29.54	152.79
Malta	1968	55.84	8.69	36.56	58.03	24.25	146.7
Malta	1969	66.03	11.31	33.82	48.45	26.94	167.44
Malta	1970	72.85	10	45.7	49.71	31.4	164.76
Malta	1971	71.1	11.29	46.84	48.23	30.16	170.9
Malta	1972	67.56	9.06	40.6	47.65	33.75	184.97
Malta	1973	80.59	12.05	46.13	41.95	33.3	163.78
Malta	1974	79.07	11.02	41.22	38.31	42.44	156.93
Malta	1975	90.8	9.96	47.29	48.24	33.57	187.18
Malta	1976	103.49	12.32	51	50.47	36	204.79
Malta	1977	95.81	10.44	52.73	55.25	42.95	156.35
Malta	1978	101.92	8.87	52.92	56.35	43.86	163.23
Malta	1979	98.81	10.8	48.53	53.39	45.07	168.18
Malta	1980	101.24	11.37	43.6	52.83	69.61	194.02
Malta	1981	114.12	10.93	42.97	54.17	54.52	187.06
Malta	1982	106.7	8.3	45.93	57.61	33.77	189.84
Malta	1983	95.21	10.1	45.4	58.84	32.25	169.79
Malta	1984	107.06	9.7	44.8	58.4	32.65	180.7
Malta	1985	102.95	11.32	44.29	63.33	46.21	201.58

Malta	1986	101.21	11.34	43.81	57.18	40	192.05
Malta	1987	117.58	11.96	43.7	60.03	40.13	207.26
Malta	1988	153.27	13.58	44.37	59.48	39.11	227.53
Malta	1989	136.82	12.57	44.58	61.38	51.79	203.82
Malta	1990	135.42	15.03	44.43	51.3	42.26	243.66
Malta	1991	129.73	12.98	44.45	52.3	48.52	231.58
Malta	1992	153.99	13.26	44.51	49.88	60.53	235.93
Malta	1993	170.03	14.24	45.57	48.66	46.17	271.5
Malta	1994	166.08	5.69	45.36	44.1	59.84	257.86
Malta	1995	151.74	15.45	53.57	45.37	69.59	311.49
Malta	1996	150.53	10.64	39.02	47.88	69.37	239.08
Malta	1997	148.14	12.63	39.33	45.07	77.46	243.24
Malta	1998	141.1	11.63	52.37	48.65	78.17	285.64
Malta	1999	163.99	12.72	45.19	47.72	83.63	270.03
Malta	2000	151.15	12.36	29.96	46.18	77.56	276.02
Malta	2001	142.43	11.62	30.48	46.54	80.41	267.03
Malta	2002	140.57	15	29.89	43.53	78.94	260.95
Malta	2003	125.86	17.64	38.6	42.06	82.74	286.98
Malta	2004	168.34	15.25	33.52	40.49	83.53	297.69
Malta	2005	128.05	13.53	32.03	41.23	82.14	321.5
Malta	2006	153.64	20.75	39.02	45.28	84.38	280.1
Malta	2007	159.04	15.82	41.07	40.36	85.82	265.76
Malta	2008	170.81	16.08	43.41	41.78	85.66	279.82
Malta	2009	158.89	15.4	37.77	44.61	86.07	281.53
Malta	2010	135.91	17.1	28.01	42.7	85.12	212.95
Malta	2011	156.11	18.79	23.3	44.36	84.84	242.76
Malta	2012	169.37	21.55	27.88	43.64	87.76	241.56
Malta	2013	154.56	22.62	31.9	42.79	89.3	217.61
Malta	2014	175.3151	16.35616	30.93151	36.10959	89.06849	190.1918
Malta	2015	180.3562	16.54795	28.9589	35.45205	88.35616	213.0959
Malta	2016	177.8904	15.91781	28.90411	35.61644	87.80822	222.9041
Malta	2017	187.1781	13.50685	32.73973	33.28767	87.45205	233.5616
Mauritania	1961	2.43	3.1	3.8	10.07	35.07	42.17
Mauritania	1962	2.61	3.01	3.79	10.03	30.64	38.74
Mauritania	1963	2.43	2.93	3.78	10.01	33.37	38.5
Mauritania	1964	1.56	3.41	3.8	9.84	33.48	39.68
Mauritania	1965	1.67	3.31	3.76	9.95	23.61	42.34
Mauritania	1966	1.03	1.27	3.82	9.75	17.69	36.36
Mauritania	1967	1.21	2.19	3.9	9.68	21.35	36.02
Mauritania	1968	1.12	4.67	3.95	9.72	17.69	34.25
Mauritania	1969	0.96	2.27	4.01	9.24	17.18	30.46
Mauritania	1970	1.96	1.01	4.06	11.78	29.23	37.09
Mauritania	1971	1.63	1.01	4.09	11.89	28.95	25.64
Mauritania	1972	2.01	1.79	4.14	11.54	28.27	25.16
Mauritania	1973	1.88	1.07	4.02	11.7	31.16	25.43
Mauritania	1974	1.7	0.86	4.01	11.39	25.89	24.21
Mauritania	1975	1.08	6.77	3.99	12.87	21.45	26.52
Mauritania	1976	1.97	2.33	3.95	12.92	19.27	29.73
Mauritania	1977	1.39	3.35	3.94	14.02	20.07	23.82



Mauritania	1978	2.08	3.4	3.86	14.73	25.3	23.19
Mauritania	1979	1.1	3.66	3.92	16.38	18.95	26.2
Mauritania	1980	1.32	3.57	3.89	20.08	17.52	24.38
Mauritania	1981	0.78	3.3	3.89	24.51	22.69	21.9
Mauritania	1982	0.57	3.53	3.94	24.01	23.92	22.29
Mauritania	1983	0.54	5.95	3.96	24.19	23.39	49.89
Mauritania	1984	0.58	4.95	4.08	18.23	25.69	82.63
Mauritania	1985	0.67	4.56	4.22	16.4	23.26	20.05
Mauritania	1986	0.38	3.21	4.37	21.34	24.38	19.67
Mauritania	1987	0.29	5.85	4.43	29.48	24.15	17.92
Mauritania	1988	0.08	7.21	4.49	28.51	21.47	19.32
Mauritania	1989	0.19	4.52	4.62	25.93	24.25	18.35
Mauritania	1990	0.26	5.71	4.67	31.17	19.23	16.69
Mauritania	1991	0.52	3.34	4.7	27.19	22.41	19.64
Mauritania	1992	0.23	4.25	4.41	33.36	21.58	15.77
Mauritania	1993	0.15	2.23	4.43	31.92	21.79	24.53
Mauritania	1994	0.13	1.69	4.46	28.29	21.51	30.5
Mauritania	1995	0.12	1.48	4.33	35.65	18.6	29.98
Mauritania	1996	0.09	1.38	4.31	36.35	18.44	27.16
Mauritania	1997	0	0.82	4.07	33.15	25.53	31.18
Mauritania	1998	0.03	2.08	4.11	32.51	19.95	18.44
Mauritania	1999	0.09	3.72	4.35	38.36	19.69	26.06
Mauritania	2000	0.15	5.72	4.22	36.27	24.59	28.27
Mauritania	2001	0.16	5.06	4.95	33.1	23.49	26.27
Mauritania	2002	0.18	4.26	5.21	36.22	26.94	29.83
Mauritania	2003	0.2	7.13	4.48	35.18	27.09	27.12
Mauritania	2004	0.21	8.3	4.8	37.88	27.83	27.88
Mauritania	2005	0.05	2.87	4.39	39.82	26.79	29.49
Mauritania	2006	0.12	5.62	4.54	39.66	23.11	24.25
Mauritania	2007	0.09	8.1	4.51	40.29	28.15	45.73
Mauritania	2008	0.14	6.57	4.72	40.79	21.44	47.13
Mauritania	2009	0.1	7.8	3.92	39.02	24.33	35.48
Mauritania	2010	0.07	6.03	3.69	44.76	26.88	33.28
Mauritania	2011	0.12	7.23	3.93	47.69	26.19	31.34
Mauritania	2012	0.15	8.55	4.72	46.94	25.55	39.58
Mauritania	2013	0.08	9.78	5.83	39.3	24.92	31.08
Mauritania	2014	0.082192	9.232877	5.424658	40.82192	24.05479	32.05479
Mauritania	2015	0.082192	9.260274	4.712329	35.45205	23.42466	41.67123
Mauritania	2016	0.027397	9.150685	6.986301	31.69863	23.17808	31.67123
Mauritania	2017	0.109589	9.232877	6.356164	42.71233	25.06849	32.52055
Mauritius	1961	32.03	2.34	4.23	34.32	29.86	24.01
Mauritius	1962	32.93	2.53	4.05	33.39	33.37	24.73
Mauritius	1963	31.39	2.02	3.97	34.6	29.61	34.99
Mauritius	1964	29.41	2.6	4.23	35.7	34.25	30.03
Mauritius	1965	25.31	2.76	4.46	34.36	32.39	48.57
Mauritius	1966	24.27	2.7	5.31	35.33	30.24	45.43
Mauritius	1967	26.46	2.35	5.18	36.22	30.95	47.1
Mauritius	1968	22.7	2.29	5.07	34.86	28.22	47.29
Mauritius	1969	20.62	2.36	5.29	35.1	27.83	45.77

Mauritius	1970	21.41	2.15	5.29	35.01	28.44	37.59
Mauritius	1971	23.94	2.11	5.31	35.69	28.16	47.57
Mauritius	1972	28.79	2.24	4.46	37.68	35.06	47.37
Mauritius	1973	30.62	2.36	4.51	35.83	37.98	44.14
Mauritius	1974	37.41	2.75	5.56	36.43	49.35	44.21
Mauritius	1975	43.24	3.03	5.32	34.47	40.49	36.19
Mauritius	1976	48.76	3.25	7.46	35.62	47.09	49.01
Mauritius	1977	54.8	3.44	5.67	34.14	54.5	50.44
Mauritius	1978	51.03	4.03	6	37.72	53.23	50.22
Mauritius	1979	49.26	4	6.23	42.51	49.55	44.82
Mauritius	1980	45.19	3.44	6.74	43.69	46.21	41.58
Mauritius	1981	42.87	3.71	7.16	48.93	51.08	41.48
Mauritius	1982	44.88	3.29	7.46	48.75	42.94	39.3
Mauritius	1983	47.51	4.26	7.9	44.87	38.37	43.16
Mauritius	1984	47.44	4.3	8.4	41.95	40.05	32.25
Mauritius	1985	50.85	3.72	8.67	45.42	35.98	38.1
Mauritius	1986	55.39	4.88	8.95	46.43	40.19	42.11
Mauritius	1987	71.83	2.86	9.5	47.06	42.2	43.48
Mauritius	1988	76.19	4.51	9.28	41.89	44.12	49.4
Mauritius	1989	74.6	2.81	8.93	41.65	48.03	51.22
Mauritius	1990	76.83	5.18	8.91	44.41	50.07	59.73
Mauritius	1991	83.57	4.79	9.21	43.77	53.05	70.35
Mauritius	1992	83.45	2.26	8.02	45.76	60.99	74.81
Mauritius	1993	79.63	5.39	8.15	49.03	54.85	87.85
Mauritius	1994	77.13	4.28	8.06	56.44	49.62	87.75
Mauritius	1995	82.07	3.21	8.11	53.82	50.87	86.6
Mauritius	1996	83.44	3.98	7.93	52.6	50.21	86.5
Mauritius	1997	90.39	4.65	8.07	47.44	54.77	89.55
Mauritius	1998	90.57	4.47	8.52	52.82	54.78	88.84
Mauritius	1999	94.98	4.96	25.15	48.97	44.96	93.29
Mauritius	2000	91.84	6.01	25.06	48.18	63.86	105.72
Mauritius	2001	92.38	5.58	25.61	47.13	53.98	112.13
Mauritius	2002	84.44	5.4	26.67	51.35	57.02	106.43
Mauritius	2003	88.56	5.52	26.28	48.96	52.25	126.87
Mauritius	2004	88.72	5.52	26.74	47.63	54.61	128.44
Mauritius	2005	91.33	5.54	24.24	49.92	53.71	125.44
Mauritius	2006	86.78	6.13	21.63	50.41	54.8	132.79
Mauritius	2007	87.94	6.03	19.48	52.05	54	134.22
Mauritius	2008	74.6	6.06	16.98	51.58	58.35	161.38
Mauritius	2009	89.63	6.63	15.07	48.98	57.02	167.29
Mauritius	2010	93.27	5.16	14.81	51.65	59.64	148.22
Mauritius	2011	89.34	6.34	15.2	52.08	60.74	157.19
Mauritius	2012	89.14	6.18	16.97	53.23	65.13	169.13
Mauritius	2013	89.26	6.37	17.32	53.51	64.55	192.22
Mauritius	2014	90.54795	4.958904	16.35616	55.36986	63.86301	115.6712
Mauritius	2015	76.71233	3.890411	17.0137	55.23288	63.75342	114.6575
Mauritius	2016	89.91781	4.520548	16.71233	55.42466	63.64384	113.726
Mauritius	2017	91.39726	4.821918	17.53425	60.93151	63.45205	111.8082
Melanesia	1961	49.61	3	5.17	13.85	51.41	301.02

Melanesia	1962	48.33	3.28	5.4	17.53	53.78	301.33
Melanesia	1963	48.53	3.42	5.53	20.38	60.04	294.75
Melanesia	1964	54.19	3.26	5.61	15.44	61.13	297.05
Melanesia	1965	55.85	3.6	5.69	17.1	57.23	291.42
Melanesia	1966	56.57	3.32	5.16	18.1	62.44	281.91
Melanesia	1967	57.3	3.43	5.18	17.51	69.59	280.42
Melanesia	1968	64.76	3.81	4.66	15.45	68.32	284.01
Melanesia	1969	66.12	3.94	4.81	11.8	68.06	284.72
Melanesia	1970	81.13	4.24	4.94	12.22	70.88	283.67
Melanesia	1971	89.39	4.49	5.24	14.54	80.26	290.69
Melanesia	1972	65.91	3.95	5.29	16.3	76.99	287.16
Melanesia	1973	70.75	4.26	5.15	13.43	85.83	292.76
Melanesia	1974	78.27	3.93	5.38	19.36	81.91	289
Melanesia	1975	77.87	4.12	5.94	14.34	81.74	285.58
Melanesia	1976	73.93	4.18	6.07	19.22	93.21	285.84
Melanesia	1977	77.33	3.92	5.89	20.49	77.93	293.69
Melanesia	1978	73.5	3.86	7.1	20.86	92.51	288
Melanesia	1979	79.54	4.15	7.36	24.03	104.68	283.61
Melanesia	1980	74.03	3.92	7.97	27.53	108.41	285.84
Melanesia	1981	73.97	4.23	7.84	27.77	105.47	284.37
Melanesia	1982	74.74	3.91	7.88	26.32	117.14	287.42
Melanesia	1983	73.58	3.58	8.52	30.09	96.59	298.93
Melanesia	1984	68.73	3.3	8.5	27.91	103.76	292.84
Melanesia	1985	63.2	3.17	7.94	29.86	112.73	290.96
Melanesia	1986	60.22	3.24	7.88	21.36	112.34	290.06
Melanesia	1987	56.68	2.72	7.53	27.03	99.63	287.22
Melanesia	1988	59.67	2.32	8.06	30.93	102.94	302.07
Melanesia	1989	64.17	3.32	8	28.41	105.15	307.21
Melanesia	1990	67.76	4.13	8.08	27.7	99.95	306.21
Melanesia	1991	64.47	3.47	7.92	29.81	101.61	302.95
Melanesia	1992	65.9	3.17	7.56	28.42	86.14	294.7
Melanesia	1993	64.39	3.13	7.54	31.71	86.78	307.56
Melanesia	1994	56.58	2.71	7.47	27.95	81.75	296.83
Melanesia	1995	60.09	2.93	7.82	31.42	85.84	296.7
Melanesia	1996	60.32	3.15	8.67	27.03	77.87	298.2
Melanesia	1997	66.82	3.16	8.59	28.07	84.37	306.67
Melanesia	1998	65.77	4.32	10.71	28.15	88.92	310.16
Melanesia	1999	62.79	2.45	8.84	26.83	87.46	290.76
Melanesia	2000	56.84	2.04	9.22	28.17	90.34	302.07
Melanesia	2001	58.85	4.01	14.53	27.46	90.49	307.7
Melanesia	2002	66	3.73	11.55	28.13	88.92	307.24
Melanesia	2003	57.12	3.77	7.37	27.85	89.78	317.77
Melanesia	2004	66.51	3.43	7.07	28.44	92.75	323.39
Melanesia	2005	71.65	3.98	8.91	26.84	91.52	330.59
Melanesia	2006	72.03	4.64	9.13	29.22	92.47	346.06
Melanesia	2007	68.09	5.13	9.08	27.2	93.59	360.72
Melanesia	2008	73.67	3.86	7.2	26.95	95.77	370.29
Melanesia	2009	67.18	5.1	8.25	28.79	92.85	358.21
Melanesia	2010	71.84	4.73	10.43	28.38	91.89	357.49

Melanesia	2011	74.85	4	9.99	28.97	95.42	350.04
Melanesia	2012	83.53	5.33	9.27	25.99	94.04	350.96
Melanesia	2013	67.29	4.66	13.35	28.75	92.78	358.2
Melanesia	2014	58.9589	2.520548	11.83562	23.42466	94.82192	314.9863
Melanesia	2015	63.64384	4.191781	11.17808	23.58904	92.52055	321.7808
Melanesia	2016	59.15068	3.863014	11.36986	25.94521	88.68493	323.6986
Melanesia	2017	63.17808	3.424658	9.589041	28.41096	85.56164	318.0274
Mexico	1961	61.95	1.99	8.33	18.29	6.71	155.11
Mexico	1962	59.92	2.55	8.69	18.36	6.5	169.2
Mexico	1963	58.71	3.98	9.8	17.55	7.97	180.09
Mexico	1964	67.88	2.79	9.44	18.25	8.09	178.34
Mexico	1965	70.86	4.61	10.55	18.18	8.74	221.23
Mexico	1966	72.11	4.71	11.36	18.33	8.66	230.38
Mexico	1967	74.64	6.14	13.43	17.81	10.46	230.42
Mexico	1968	73.79	4.18	13.09	17.08	10.28	219.38
Mexico	1969	77.4	4.61	14.25	17	9.6	199.93
Mexico	1970	77.92	4.84	15.32	18.68	10.54	197.68
Mexico	1971	68.22	4.17	14.99	17.89	11.6	235.4
Mexico	1972	76.83	4.1	16.8	18.5	11.61	219.25
Mexico	1973	85	3.32	16.47	18.9	12.13	224.84
Mexico	1974	94.01	4.26	15.16	20.68	11.69	212.41
Mexico	1975	91.67	3.42	16.2	21.32	12.61	226.92
Mexico	1976	89.56	2.57	17	20.89	11.56	231.06
Mexico	1977	96.05	2.46	18.28	22.85	11.08	226.37
Mexico	1978	96.45	2.59	19.46	24.03	19.36	242.09
Mexico	1979	105.43	3.8	20.67	25.82	23.51	230.85
Mexico	1980	108.64	3.05	21.67	26.48	27.66	252.34
Mexico	1981	113.81	3.76	21.84	29.47	36.97	271.73
Mexico	1982	109.65	1.61	22.52	36.04	31.82	287.93
Mexico	1983	97.22	3.57	22.49	38.06	25.35	271.67
Mexico	1984	96.16	2.71	22.91	32.26	27.08	287.33
Mexico	1985	98.04	1.8	25.01	34.66	26.34	276.1
Mexico	1986	92.84	3.01	29.59	38.3	26.64	271.65
Mexico	1987	100.75	3.89	28.67	36.57	28.52	261.85
Mexico	1988	106.15	6.24	31.86	37.89	29.17	265.58
Mexico	1989	123.23	5.08	29.95	37.2	29.11	250.52
Mexico	1990	123.15	5.25	27.79	33.38	33.81	245.27
Mexico	1991	129.99	4.31	30.94	36.03	31.62	248.69
Mexico	1992	129.82	4.14	30.82	35.42	29.47	261.3
Mexico	1993	129.99	4.14	32.04	36.63	28.88	257.97
Mexico	1994	131.24	3.47	31.8	36.19	30.17	277.74
Mexico	1995	120.91	3.26	30.67	35.54	26.64	276.03
Mexico	1996	124.12	2.42	29.85	38.51	28.67	290.93
Mexico	1997	131.13	3.16	31.82	37.82	30.99	283.72
Mexico	1998	130.61	1.46	34.16	34.79	25.38	251.3
Mexico	1999	135.58	1.22	37.55	31.38	25.21	272.01
Mexico	2000	133.86	1.04	40.65	30.32	26.44	295.47
Mexico	2001	132.28	3.33	42.38	30.49	26.68	316.01
Mexico	2002	134.75	3.94	41.84	32.67	28.19	311.26

Mexico	2003	138.13	4.37	41	32.29	27.34	308.74
Mexico	2004	138.67	4.66	42.78	33.33	27.95	315.67
Mexico	2005	144.09	4.16	42.74	35.33	30.45	300.85
Mexico	2006	148.29	2.86	48.45	33.18	32.11	310.51
Mexico	2007	153.87	2.23	47.65	34.55	33.77	303.73
Mexico	2008	152.37	2.76	47.86	35.46	34.38	307.45
Mexico	2009	159.76	2.28	47.75	33.85	32.16	296.81
Mexico	2010	149.91	2.49	47.52	35.51	33.33	269.54
Mexico	2011	151.1	2.16	48.43	38.17	29.81	276.71
Mexico	2012	147.56	1.01	45.39	36.15	29.43	269.76
Mexico	2013	143.91	2.23	50.23	37.02	29.07	295.6
Mexico	2014	139.3151	2.465753	51.39726	31.56164	40.63014	301.863
Mexico	2015	163.5616	2.410959	52.10959	33.26027	41.53425	306.3288
Mexico	2016	171.0959	2.246575	52.65753	33.86301	43.31507	312.7945
Mexico	2017	179.7808	1.178082	52.90411	32.65753	40.21918	314.137
Micronesia (Federated States of)	1961	10.39	1.85	4.67	22.65	128.93	571.52
Micronesia (Federated States of)	1962	8.92	1.72	4.54	22	125.24	566.93
Micronesia (Federated States of)	1963	12.64	1.52	4.57	21.39	125.57	563.44
Micronesia (Federated States of)	1964	15.99	1.48	4.59	21.25	140.69	564.29
Micronesia (Federated States of)	1965	16.21	1.95	4.61	21.42	151.41	565.68
Micronesia (Federated States of)	1966	23.18	1.05	4.64	19.11	158.05	564.38
Micronesia (Federated States of)	1967	22.6	1.71	4.59	17.94	157.54	564.82
Micronesia (Federated States of)	1968	22.51	1.83	4.5	17.42	163.08	556.29
Micronesia (Federated States of)	1969	21.59	2.25	4.52	17.33	162.48	549.35
Micronesia (Federated States of)	1970	25.65	2.57	4.55	17.25	161.89	549.27
Micronesia (Federated States of)	1971	27.09	2.97	4.57	16.87	164.38	546.97
Micronesia (Federated States of)	1972	35.91	3.31	4.53	16.8	163.78	553.48
Micronesia (Federated States of)	1973	27.51	2.46	5.71	20.37	166.13	554.05
Micronesia (Federated States of)	1974	59.16	2.87	5.89	20.95	173.1	563.04
Micronesia (Federated States of)	1975	30.25	4.8	5.02	22.89	170.34	568.31
Micronesia (Federated States of)	1976	29.85	2.51	6.77	25.76	174.97	563.64
Micronesia (Federated States of)	1977	30.19	2.58	5.26	26.2	171.24	556.99
Micronesia (Federated States of)	1978	32.56	2.28	4.69	23.36	176.59	553.37
Micronesia (Federated States of)	1979	36.81	3.92	5.38	19.67	176.25	555.67
Micronesia (Federated States of)	1980	34.72	2.96	5.03	20.56	183.69	546.76
Micronesia (Federated States of)	1981	25.68	2.51	4.6	22.2	186.03	544.01
Micronesia (Federated States of)	1982	23.01	2.44	5	19.63	188.12	539.85
Micronesia (Federated States of)	1983	18.16	1.94	4.69	22.31	187.48	531.51
Micronesia (Federated States of)	1984	15.11	2.96	4.66	26.09	188.46	538.78
Micronesia (Federated States of)	1985	14.23	1.87	4.15	22.52	192.39	520.94
Micronesia (Federated States of)	1986	16.19	2.5	4.2	19.6	192.18	499.86
Micronesia (Federated States of)	1987	17.36	1.94	3.99	20.83	196.54	486.31
Micronesia (Federated States of)	1988	13.45	2.53	3.83	21.74	196.51	450.76
Micronesia (Federated States of)	1989	14.06	2.05	3.73	18.59	201.21	452.47
Micronesia (Federated States of)	1990	12.11	1.91	3.74	21.98	201.66	463.94
Micronesia (Federated States of)	1991	18.57	2.1	3.65	24.13	203.2	446.29
Micronesia (Federated States of)	1992	18.39	2.24	3.72	27.66	203.87	456.24
Micronesia (Federated States of)	1993	18.22	2.02	3.89	23.24	206.43	500.39
Micronesia (Federated States of)	1994	17.5	1.62	4.05	21.24	209.16	471.64

Micronesia (Federated States of)	1995	19.03	2.56	3.97	27.3	208.25	464.21
Micronesia (Federated States of)	1996	18.97	2.55	3.83	23.58	207.86	483.2
Micronesia (Federated States of)	1997	19.52	1.77	3.68	17.82	204.76	481.78
Micronesia (Federated States of)	1998	22.25	1.96	3.9	20.1	206.16	488.74
Micronesia (Federated States of)	1999	21.31	11.78	3.79	20.17	208.21	495.51
Micronesia (Federated States of)	2000	21.96	12.51	5.74	24.09	206.52	520.75
Micronesia (Federated States of)	2001	22.37	17.97	5.64	18.27	207.25	502.74
Micronesia (Federated States of)	2002	21.37	13.72	5.67	19.71	205.64	483.12
Micronesia (Federated States of)	2003	21.1	9.06	5.61	18.22	206.28	463.58
Micronesia (Federated States of)	2004	18.78	2.13	5.73	16.25	206.27	489.9
Micronesia (Federated States of)	2005	19.45	4.4	6.58	18.07	207.96	509.75
Micronesia (Federated States of)	2006	20.31	4.02	6.17	17.3	203.14	503.56
Micronesia (Federated States of)	2007	17.24	7.55	6.49	17.74	204.82	507.81
Micronesia (Federated States of)	2008	13.01	1.63	6.38	16.58	198.73	516.29
Micronesia (Federated States of)	2009	14.78	1.48	6.57	17.61	203.67	525.83
Micronesia (Federated States of)	2010	13.92	0.73	6.8	15.68	203.77	534.99
Micronesia (Federated States of)	2011	10.49	1.3	6.61	15.24	205.84	554.76
Micronesia (Federated States of)	2012	8.11	0.75	6.97	17.54	201.78	540.67
Micronesia (Federated States of)	2013	8.27	3.25	7.63	16.02	199.8	580.83
Micronesia (Federated States of)	2014	8.794521	1.315068	4.849315	15.17808	206.411	557.1781
Micronesia (Federated States of)	2015	9.342466	0.794521	4.739726	16.13699	208.5753	552.4384
Micronesia (Federated States of)	2016	9.945205	0.821918	4.931507	16.54795	210.7123	538.7123
Micronesia (Federated States of)	2017	10.21918	1.068493	5.643836	16.84932	210.137	541.9726
Middle Africa	1961	32.23	50.43	1.07	16.67	26.1	148.75
Middle Africa	1962	30.28	50.5	1.07	17.69	25.51	163.01
Middle Africa	1963	30.69	51.56	1.11	16.8	24.4	166.23
Middle Africa	1964	35.03	55.42	1.23	16.71	27.53	191.83
Middle Africa	1965	36.8	45.41	1.24	17.4	25.97	154.24
Middle Africa	1966	38.25	51.65	1.3	17.58	27.73	167.15
Middle Africa	1967	38.52	46.38	1.39	19.7	29.09	181.48
Middle Africa	1968	38.75	43.02	1.44	20.46	30.76	181.28
Middle Africa	1969	40.43	48.21	1.51	21.06	30.45	168.5
Middle Africa	1970	41.96	43.35	1.48	21.02	31.66	179.37
Middle Africa	1971	42.71	47.16	1.45	21.47	27.76	182.28
Middle Africa	1972	42.14	44.23	1.42	22.1	24.93	177.03
Middle Africa	1973	44.82	43.13	1.4	22.05	23.33	183.97
Middle Africa	1974	46.05	48.49	1.37	23.39	23.07	199.02
Middle Africa	1975	39.85	48.11	1.37	22.98	22.04	181.7
Middle Africa	1976	43.63	39.49	1.38	24.87	26.1	178.98
Middle Africa	1977	47.81	39.9	1.69	26.72	31.35	184.91
Middle Africa	1978	53.45	45.36	1.65	26.59	31.02	207.63
Middle Africa	1979	53.64	42.87	1.62	28.19	32.88	205.18
Middle Africa	1980	49.45	44.43	1.67	27.81	29.7	211.78
Middle Africa	1981	55.71	37.86	1.61	27.17	33.13	210.79
Middle Africa	1982	58.53	38.32	1.59	26.22	41.09	210.43
Middle Africa	1983	57.55	37.44	1.67	27.08	41.07	224.15
Middle Africa	1984	60.45	30.02	1.46	27.5	44.81	206.08
Middle Africa	1985	61.69	33.97	1.57	25.54	47.23	217.76
Middle Africa	1986	59.37	40.31	1.63	25.57	47.43	217.54

Middle Africa	1987	54.06	37.99	1.57	26.12	44.31	185.64
Middle Africa	1988	50.71	37.2	1.57	27.02	44.96	175.98
Middle Africa	1989	47.98	42.03	1.55	28.81	42.55	183.11
Middle Africa	1990	43.94	37.87	1.56	27.67	38.77	171.34
Middle Africa	1991	49.02	37.24	1.48	27.41	29.43	177.58
Middle Africa	1992	44.55	35.25	1.53	27.39	31.73	181.32
Middle Africa	1993	40.33	35.49	1.49	25.25	31.68	181.62
Middle Africa	1994	34.05	33.82	1.47	25.25	30.24	183.01
Middle Africa	1995	33.14	38.07	1.46	25.99	30.05	179.77
Middle Africa	1996	31.22	37.86	1.55	26.06	31.52	182.09
Middle Africa	1997	32.3	34.99	1.99	26.46	31.61	169.01
Middle Africa	1998	37.45	39.76	1.92	26.54	31.03	170.32
Middle Africa	1999	41.69	27.48	1.61	27.68	33.14	143.58
Middle Africa	2000	42.72	33.05	1.65	26.71	34.46	138.62
Middle Africa	2001	49.95	36.58	1.83	26.33	38.43	138.27
Middle Africa	2002	53.61	37.27	1.98	28.19	36.65	145.96
Middle Africa	2003	54.31	37.54	1.6	29.07	36.16	148.57
Middle Africa	2004	57.45	38.1	1.8	28.68	36.69	154.57
Middle Africa	2005	56.35	41.58	1.87	28.79	34.23	168.66
Middle Africa	2006	64.83	43.34	1.98	27.97	34.6	173.15
Middle Africa	2007	65.86	43.59	1.72	27.27	38.15	176.4
Middle Africa	2008	76.07	46.17	2.07	27.31	38.73	178.22
Middle Africa	2009	84.92	49.11	1.9	27	40.5	197.44
Middle Africa	2010	87.07	57.3	2.25	27.06	37.21	202.32
Middle Africa	2011	91.36	57.07	2.37	26.69	40.95	199.44
Middle Africa	2012	99.29	64.21	2.76	26.55	39.22	204.22
Middle Africa	2013	102.67	60.05	1.76	26.75	38.56	218.54
Middle Africa	2014	104.3562	58.84932	1.917808	23.69863	56.05479	184.6027
Middle Africa	2015	95.12329	59.09589	1.369863	23.06849	51.17808	177.2877
Middle Africa	2016	85.31507	60.54795	1.39726	23.12329	49.31507	178
Middle Africa	2017	84.16438	63.89041	1.369863	23.26027	47.45205	180.6301
Mongolia	1961	8.2	7.53	0.44	12.16	0.7	6.72
Mongolia	1962	8.4	10.03	0.56	11.78	0.68	6.65
Mongolia	1963	9.27	9.73	0.52	11.46	0.74	6.57
Mongolia	1964	8.47	11.21	0.56	10.94	0.71	6.49
Mongolia	1965	9.04	14.35	0.65	9.99	0.72	6.63
Mongolia	1966	9.14	12.26	0.76	10.72	0.99	6.46
Mongolia	1967	9.1	10.98	0.59	11.82	0.98	6.6
Mongolia	1968	9.18	7.94	0.61	12.14	0.98	6.72
Mongolia	1969	9.26	7.72	0.49	12.56	0.99	6.83
Mongolia	1970	8.27	7.93	0.56	12.23	1.09	7.11
Mongolia	1971	8.61	8.2	0.57	11.13	1.04	9.8
Mongolia	1972	8.89	8.08	0.57	11.93	0.89	12.18
Mongolia	1973	14.31	11.96	0.62	11.25	1.06	11.75
Mongolia	1974	18.71	11.24	0.67	12.71	1.14	10.54
Mongolia	1975	20.47	10.46	0.72	14.12	1.85	9.95
Mongolia	1976	21.44	8.65	0.74	13.51	5.28	9.38
Mongolia	1977	22.24	9.3	0.81	11.36	2.31	9.38
Mongolia	1978	22.53	9.09	1.21	13.49	3.84	9.75

Mongolia	1979	23.96	8.86	1.46	13.05	3.87	11.84
Mongolia	1980	24.84	7.46	1.61	13.17	3.29	12.84
Mongolia	1981	26.01	7.05	1.42	12.98	2.7	18.13
Mongolia	1982	24.79	6.47	1.37	12.81	2.1	17.11
Mongolia	1983	22.64	7.09	1.56	12.84	2.51	7.86
Mongolia	1984	23.58	8.35	1.6	12.46	3.25	11.27
Mongolia	1985	21.32	8.27	1.78	12.64	2.6	10.87
Mongolia	1986	16.09	7.35	1.77	11.82	3.83	8.74
Mongolia	1987	11.22	6.2	1.82	12.87	3.25	10.29
Mongolia	1988	11.07	5.5	1.91	12.47	3.03	16.92
Mongolia	1989	14.9	5.14	2.16	13.09	2.69	14.46
Mongolia	1990	15.92	8.66	2.27	12.7	2.47	12.89
Mongolia	1991	11.44	5.06	1.51	12	0.12	8
Mongolia	1992	10.44	4.52	1.07	11.06	0.15	3.8
Mongolia	1993	11.26	7.87	0.57	8.96	0.27	4.32
Mongolia	1994	15.74	0.36	0.23	7.72	0.22	6.69
Mongolia	1995	14.42	1.07	0.22	9.73	0.15	11.67
Mongolia	1996	11.28	1.44	0.33	10.76	0.11	16.01
Mongolia	1997	19.34	1.34	0.43	10.2	0.2	24.25
Mongolia	1998	33.75	1.89	0.48	10.07	0.05	31.94
Mongolia	1999	22.42	1.76	0.73	11.63	0.12	25.38
Mongolia	2000	33.36	2.48	1.31	14.28	0.63	29.35
Mongolia	2001	31.01	3.55	1.8	18.27	1.1	29.49
Mongolia	2002	32.89	3.46	1.93	20.7	0.74	38.22
Mongolia	2003	36.35	3.1	2.63	22.02	0.83	46.94
Mongolia	2004	35.71	3.47	1.81	22.4	0.49	43.92
Mongolia	2005	30.24	2.75	1.43	24.72	0.61	35.89
Mongolia	2006	34.77	3.75	1.83	24.47	0.56	72.33
Mongolia	2007	48.29	7.69	2.91	26.6	1.22	105.9
Mongolia	2008	54.86	8.96	2.8	22.79	1.41	66.01
Mongolia	2009	58.68	7.81	2.48	27.43	1.09	68.95
Mongolia	2010	79.21	7.21	3.53	32.1	1.41	78.27
Mongolia	2011	95.45	9.14	4.98	28.33	1.92	79.63
Mongolia	2012	107.43	6.95	5.65	26.75	1.88	79
Mongolia	2013	114.71	7.02	6.1	28	1.85	82.54
Mongolia	2014	115.726	4.547945	8.739726	25.83562	2.109589	32.13699
Mongolia	2015	113.6712	4.493151	8.767123	29.15068	1.287671	34.30137
Mongolia	2016	99.45205	4.328767	10.38356	27.34247	1.315068	30.16438
Mongolia	2017	93.9726	4.191781	11.15068	26.76712	1.287671	31.15068
Montenegro	2006	59.57	38.98	11.91	32.76	22.55	375.66
Montenegro	2007	66.62	41.51	15.59	29.14	27.02	506
Montenegro	2008	94.74	44.43	14.36	26.54	31.45	615.61
Montenegro	2009	92.71	48.39	15.85	29.3	29.2	555.13
Montenegro	2010	98.93	58.89	18.63	27.02	29.25	461.96
Montenegro	2011	72.35	40.57	23.85	26.65	31.32	473.03
Montenegro	2012	102.22	23.4	22.35	25.23	30.51	339.07
Montenegro	2013	98.32	26.82	31.78	25.64	33.64	385.59
Montenegro	2014	79.47945	23.58904	30.08219	30.13699	32.84932	299.9452
Montenegro	2015	88.65753	19.72603	33.53425	28.30137	33.12329	316.4658



Montenegro	2016	115.5068	18.13699	36.13699	28.13699	36.73973	340.6849
Montenegro	2017	129.2603	18.30137	32.9863	30.19178	38.63014	343.1507
Morocco	1961	9.14	4.75	6.56	16.58	3.17	72.73
Morocco	1962	10.51	4.53	6.65	19.16	3.96	70.1
Morocco	1963	12.16	4.26	6.44	16.8	5.62	71.3
Morocco	1964	13.71	4.33	6.73	15.02	5.91	84.09
Morocco	1965	12.58	3.48	6.41	18.33	6.64	76.95
Morocco	1966	13.3	3.7	6.51	17.92	5.59	84.58
Morocco	1967	12.28	4.51	6.53	16.56	5.01	88.06
Morocco	1968	11.52	4.87	6.68	27.85	4.85	96.06
Morocco	1969	13.96	4.52	6.61	15.69	6.4	80.43
Morocco	1970	14.66	5.21	6.54	18.7	6.28	88.33
Morocco	1971	13.93	4.29	6.45	28.48	13.17	91.01
Morocco	1972	13.89	4.41	6.89	20.49	16.71	90.88
Morocco	1973	14.86	4.03	6.89	23.34	12.89	101.34
Morocco	1974	14.91	4.03	7.02	23.79	12.05	106.75
Morocco	1975	14.72	4.07	7.01	28.51	9.42	90.32
Morocco	1976	14.32	3.55	7.65	24.34	12.57	91.67
Morocco	1977	15.35	2.51	8.6	24.96	13.62	103.81
Morocco	1978	14.01	3.96	9.21	26.9	17.66	112.41
Morocco	1979	13.7	3.96	9.33	29.79	19.12	99.04
Morocco	1980	14.69	4.1	8.87	25.8	20.66	89.75
Morocco	1981	18.54	4.12	8.15	28.23	20.91	112.9
Morocco	1982	13.48	3.91	8.57	32.81	20.99	111.14
Morocco	1983	11.58	3.82	8.45	31.54	21.13	114.29
Morocco	1984	10.9	4.83	8.56	32.32	20.69	126.61
Morocco	1985	12.09	4.36	9.94	34.37	25.36	117.12
Morocco	1986	16.44	3.91	12.34	37.67	27.05	145.83
Morocco	1987	17.51	4.32	15.36	32.64	22.13	127.52
Morocco	1988	16.77	5.28	15.68	35.32	19.84	151.27
Morocco	1989	16.29	5.26	16.03	37.33	18.66	188.14
Morocco	1990	13.87	5.6	16.6	31.18	20.96	147.94
Morocco	1991	16.68	4.81	15.97	30.12	19.82	174.68
Morocco	1992	15.94	5.57	16.65	31.55	24.71	161.71
Morocco	1993	11.27	5.03	17.02	29.34	21.57	188.47
Morocco	1994	14.14	5.81	17	30.86	24.64	180.9
Morocco	1995	16.4	5.89	17.04	35.48	21.06	141.68
Morocco	1996	15.23	4.73	16.64	33.79	17.66	166.52
Morocco	1997	11.95	5.62	16.9	34.01	20	179.23
Morocco	1998	17.66	6.09	14.81	33.72	19.44	198.51
Morocco	1999	16.02	5.51	19.98	30.87	21.56	187.52
Morocco	2000	9.57	6.81	18.96	32.62	22.19	191.54
Morocco	2001	9.28	6.24	18.77	30.71	23.02	149.73
Morocco	2002	8.47	6.82	18.42	30.06	26.57	177.85
Morocco	2003	9.98	6.34	17.86	31.78	29.1	189.54
Morocco	2004	10.09	6.29	17.83	30.65	29.21	192.01
Morocco	2005	9.99	6.56	17.67	30.49	34.72	188.16
Morocco	2006	9.91	6.8	18.13	31.29	32.87	197.99
Morocco	2007	10.47	7.28	19.51	34.11	31.16	185.36

Morocco	2008	10.34	6.75	13.54	31.86	31.09	167.95
Morocco	2009	10.8	7.44	13.79	33.57	34.95	219.59
Morocco	2010	9.58	7.11	16.62	31.62	40.3	220.99
Morocco	2011	10.38	6.54	17.99	32.01	39.41	243.38
Morocco	2012	10.05	7.58	18.06	34.74	47.49	255.23
Morocco	2013	11.65	8.01	18.3	34.02	49.52	235.76
Morocco	2014	10.13699	7.452055	16.90411	33.69863	46.68493	274.6301
Morocco	2015	10.19178	7.561644	17.50685	31.86301	55.34247	259.4795
Morocco	2016	10.13699	7.643836	16.54795	33.53425	55.75342	255.2055
Morocco	2017	11.0137	7.835616	18.60274	32.52055	53.34247	283.4795
Mozambique	1961	18.4	3.23	0.06	5.76	10.93	80.56
Mozambique	1962	16.47	3.14	0.06	7.07	10.82	76.52
Mozambique	1963	17.17	3.12	0.06	4.99	10.46	80.97
Mozambique	1964	20.69	3.09	0.05	7.5	10.51	77.52
Mozambique	1965	20.55	3.27	0.06	6.11	11.36	75.19
Mozambique	1966	23.12	3.16	0.08	7.42	11.94	75.99
Mozambique	1967	22.11	3.27	0.07	8.43	12.23	74.71
Mozambique	1968	22.37	3.27	0.05	8.34	13.83	74.96
Mozambique	1969	21.94	3.43	0.03	9.09	14.42	80.6
Mozambique	1970	21.84	3.25	0.01	9.78	13.51	79.69
Mozambique	1971	19.62	3.4	0.02	10.26	13.65	89.47
Mozambique	1972	24.06	3.46	0.03	10.59	11.46	86.96
Mozambique	1973	25.18	3.39	0.03	10.39	11.14	86.78
Mozambique	1974	23.09	3.35	0.06	11.15	9.25	84.58
Mozambique	1975	16.72	2.64	0.1	12.78	7.67	70.26
Mozambique	1976	13.38	3.3	0.09	13.31	8.44	73.19
Mozambique	1977	11.61	2.83	0.05	13.43	7.56	74.55
Mozambique	1978	10.65	2.52	0.04	15.32	8.55	71.23
Mozambique	1979	10.54	1.74	0.03	16.62	9.97	69.46
Mozambique	1980	14.54	2.16	0.02	17.83	10.06	67.68
Mozambique	1981	12.68	2.2	0.02	18.82	9.4	67.94
Mozambique	1982	5.64	2.13	0.02	18.39	10.22	66.95
Mozambique	1983	5.73	2.24	0.02	20.53	11.52	66.52
Mozambique	1984	3.01	2.71	0.02	18.63	9.4	64.36
Mozambique	1985	2.34	3.37	0.04	15.85	8.75	63.92
Mozambique	1986	4.95	3.4	0.02	19.35	10.52	66.77
Mozambique	1987	3.32	2.52	0.01	25.24	10.31	69.1
Mozambique	1988	3.2	1.69	0.01	23.83	9.9	70.58
Mozambique	1989	6.28	2.26	0.03	24.01	7.72	71.02
Mozambique	1990	8.4	2.42	0.05	23.96	8.12	70.71
Mozambique	1991	12.26	2.23	0.03	23.19	6.47	64.81
Mozambique	1992	9.71	1.02	0.03	22.16	6	52.57
Mozambique	1993	8.25	1.67	0.05	19.6	4.12	58.84
Mozambique	1994	10.28	1.79	0.04	17.93	3.66	53.8
Mozambique	1995	13.98	2.15	0.05	18.24	4.09	56.74
Mozambique	1996	11.95	2.27	0.11	18.66	5.41	57.83
Mozambique	1997	9.06	2.21	0.13	18.56	4.72	57.8
Mozambique	1998	11.02	2.15	0.14	17.89	3.55	58.44
Mozambique	1999	12.59	2.15	0.07	17.92	3.63	56.64

Mozambique	2000	11.02	2.83	0.04	16.7	5.22	43.31
Mozambique	2001	13.74	2.47	0.14	16.38	4.46	44.61
Mozambique	2002	13.63	3.23	0.29	18.62	4.48	51.95
Mozambique	2003	9.59	3.24	0.76	17.81	12.62	52.84
Mozambique	2004	12.52	3.43	1.27	17.79	12.13	51.88
Mozambique	2005	13.98	3.44	1.03	19.66	12.32	53.93
Mozambique	2006	13.6	3.54	1.05	19.35	13.89	57.15
Mozambique	2007	12.4	3.45	1.43	18.56	12	61.11
Mozambique	2008	16.4	3.69	1.97	20.14	15.86	63.21
Mozambique	2009	13.59	5.27	2.19	18.37	18.92	66.46
Mozambique	2010	19.96	5.14	2.78	19.64	19.89	69.82
Mozambique	2011	19.44	5.11	3.51	21.45	23.21	67.69
Mozambique	2012	17.4	3.91	4.67	22.12	22.63	77.8
Mozambique	2013	17.09	4.08	4.66	22.3	22.09	72.76
Mozambique	2014	29.58904	3.890411	5.369863	19.89041	29.86301	76.79452
Mozambique	2015	34.27397	4.520548	5.287671	21.58904	32.93151	87.9726
Mozambique	2016	34.93151	4.191781	5.39726	20.10959	32.30137	78.08219
Mozambique	2017	32.76712	3.835616	5.342466	19.42466	31.39726	79.50685
Myanmar	1961	1.16	0.71	1.58	15.07	41.44	101.79
Myanmar	1962	1.55	0.76	1.55	16.57	40.24	103.88
Myanmar	1963	1.07	0.84	1.52	17.34	38.85	94.52
Myanmar	1964	1.38	1.17	1.49	20.64	37.62	90.36
Myanmar	1965	1.8	1.47	1.61	16.96	36.53	90.46
Myanmar	1966	1.57	1.39	1.76	16.02	34.78	89.61
Myanmar	1967	1.56	1.4	1.55	15.39	36.03	89.09
Myanmar	1968	1.36	1.3	1.58	14.36	36.57	87.23
Myanmar	1969	1.72	1.26	1.67	13.54	37.3	69.58
Myanmar	1970	1.51	1.2	1.87	14.99	37.95	71.55
Myanmar	1971	1.2	1.17	1.85	16.18	37.9	71.42
Myanmar	1972	1.61	1.2	1.81	15.52	37.89	71.57
Myanmar	1973	1.83	1.42	2.1	13.36	37.81	70.9
Myanmar	1974	0.68	1.37	1.9	16.02	34.57	71.34
Myanmar	1975	0.48	1.34	1.97	14.13	37.72	69.54
Myanmar	1976	0.82	1.3	2.01	13.88	38.04	71.41
Myanmar	1977	0.81	1.34	2.13	13.27	38.38	73.01
Myanmar	1978	0.92	1.28	2.17	14.32	38.93	69.81
Myanmar	1979	0.87	1.09	2.24	17.06	39.68	68.38
Myanmar	1980	0.73	1.09	2.44	13.19	39.72	71.04
Myanmar	1981	0.88	1.07	2.88	16.64	39.64	66.71
Myanmar	1982	0.99	1.14	3.02	19.14	37.91	66.01
Myanmar	1983	1.04	1.5	3.3	18.26	37.15	68.69
Myanmar	1984	1.31	1.17	3.27	19.53	38.31	67.8
Myanmar	1985	1.33	1.19	3.52	22.79	39.76	67.23
Myanmar	1986	1.24	1.15	3.37	23.84	42.67	69.33
Myanmar	1987	1.25	1.06	3.41	22.03	40.46	72.4
Myanmar	1988	0.88	1.1	3.33	20.14	40.88	72.01
Myanmar	1989	1.1	1.07	2.28	16.5	43.12	69.64
Myanmar	1990	0.68	1.06	2.13	24.17	41.54	68.74
Myanmar	1991	0.64	0.78	2.23	22.08	39.86	68.84

Myanmar	1992	1.33	0.99	2.4	20.77	40.61	69.65
Myanmar	1993	1.44	1.03	2.34	23.23	39.62	70.13
Myanmar	1994	1.91	1.03	2.43	19.76	40.07	73.89
Myanmar	1995	2.52	1.05	2.69	20.31	36.73	75.61
Myanmar	1996	2.61	1.43	2.87	19.76	30.54	74.94
Myanmar	1997	2.2	1.66	3.26	19.79	38.23	81.11
Myanmar	1998	1.41	1.58	3.5	19.93	39.66	86.6
Myanmar	1999	1.3	1.37	4.42	17.11	37.09	88.78
Myanmar	2000	1.94	1.42	5.97	18.54	48.16	88.44
Myanmar	2001	2.05	1.53	5.4	17.54	51.22	93.33
Myanmar	2002	1.45	1.62	5.98	18.09	54.59	98.71
Myanmar	2003	1.53	1.72	6.76	17.31	56.23	100.86
Myanmar	2004	1.76	2	7.88	18.92	75.75	110
Myanmar	2005	1.77	2	9.33	19.4	75.27	113.38
Myanmar	2006	2.04	2.18	10.33	18	92.55	123.03
Myanmar	2007	2.34	2.39	10.95	21.42	104.5	124.52
Myanmar	2008	2.67	2.87	12.46	23.5	118.16	123.4
Myanmar	2009	3.16	2.84	15.35	26.02	130.55	117.96
Myanmar	2010	4.75	4.77	16.25	26.28	139.75	119.22
Myanmar	2011	6.58	4.81	17.4	26.48	151.61	129.33
Myanmar	2012	9.07	5.43	17.63	24.4	150.33	126.83
Myanmar	2013	9.59	4.65	17.67	24.41	149.03	128.92
Myanmar	2014	11.47945	8.712329	14.10959	23.80822	126.411	137.4247
Myanmar	2015	10.68493	8.438356	14	24.87671	128.1918	142.5479
Myanmar	2016	9.589041	7.561644	14.73973	24.73973	130.5479	147.4795
Myanmar	2017	7.041096	7.369863	14.79452	23.17808	129.7534	148.7123
Namibia	1961	0	8.83	0.31	11.9	25.75	79.93
Namibia	1962	0	5.52	0.51	11.88	31.16	79.85
Namibia	1963	0	5.07	0.61	11.89	24.91	85.48
Namibia	1964	0	7.82	0.71	11.82	20.6	85.28
Namibia	1965	0	8.12	0.9	11.78	20.06	86.64
Namibia	1966	0	8.42	1.06	12.12	19.57	84.54
Namibia	1967	0	8.69	1.12	12.26	19.05	84.02
Namibia	1968	0	8.94	1.22	12.45	18.56	81.86
Namibia	1969	0	9.22	1.29	12.57	18.07	81.32
Namibia	1970	0	9.41	1.33	12.56	22.83	77.45
Namibia	1971	0	9.56	1.37	12.53	22.15	81.27
Namibia	1972	0	9.68	1.42	12.49	21.45	83.18
Namibia	1973	0	9.79	1.47	12.45	20.8	80.66
Namibia	1974	0	9.9	1.53	12.45	20.35	82.47
Namibia	1975	0	10.02	1.55	11.18	21.32	80.29
Namibia	1976	0	10.16	1.6	11.84	23.18	82.37
Namibia	1977	0	10.3	1.66	12.35	25.23	83.06
Namibia	1978	0	10.47	1.68	12.49	25.53	81.26
Namibia	1979	0	10.62	1.71	12.73	26.96	82.11
Namibia	1980	0	10.73	1.77	13.07	27.05	80.33
Namibia	1981	0	10.85	1.81	11.31	27.42	81.08
Namibia	1982	0	10.98	1.82	10.88	27.61	81.65
Namibia	1983	0	11.05	1.82	10.96	28.74	79.76

Namibia	1984	0	11.11	1.87	10.75	29.57	79.83
Namibia	1985	0	11.09	1.9	10.5	29.09	77.26
Namibia	1986	0	10.79	1.85	10.49	29.17	74.28
Namibia	1987	0	10.62	1.91	9.73	28.64	71.18
Namibia	1988	0	10.61	1.89	10.02	26.03	71.85
Namibia	1989	0	10.44	1.87	11.23	26.62	68.85
Namibia	1990	0	8.67	2.26	10.42	27.98	65.94
Namibia	1991	0	9.34	2.18	9.85	28.03	67.25
Namibia	1992	0	7.18	2.33	9.72	29.9	61.89
Namibia	1993	0	7.49	2.23	12.04	32.46	61.68
Namibia	1994	0	11.41	2.31	11.08	31	62.95
Namibia	1995	0	3.81	2.32	11.22	36.47	61.76
Namibia	1996	0	7.34	2.67	11.91	36.45	62.05
Namibia	1997	17.07	23.32	3.26	15.46	36.23	70.46
Namibia	1998	13.98	10.84	3.67	18.5	36.87	116.01
Namibia	1999	100.75	8.72	3.63	16.02	35.7	91.75
Namibia	2000	132.35	10.53	4.1	17.07	35.85	81.67
Namibia	2001	121.8	9.63	3.87	18.21	35.49	94.52
Namibia	2002	123.74	9.33	4.19	18.22	37.79	73.01
Namibia	2003	120.47	11.36	3.62	19.86	38.38	67.74
Namibia	2004	110.29	10.31	3.87	24.12	38.45	78.24
Namibia	2005	116.34	11.47	4.29	21.21	38.45	81.78
Namibia	2006	124.75	8.73	4.3	24.24	39.31	84.64
Namibia	2007	131.85	15.59	4.08	23.49	39.29	81.43
Namibia	2008	200.08	18.78	4.18	23.35	34.79	73.94
Namibia	2009	259.04	14.36	4.08	22.32	36.61	61.52
Namibia	2010	245.55	14.7	4.11	23.17	35.83	67.24
Namibia	2011	253.67	14.47	3.93	20.14	32.47	76.49
Namibia	2012	173.51	12.56	5.26	21.21	31.89	175.33
Namibia	2013	181.83	46.61	4.47	20.9	31.26	199.82
Namibia	2014	232.6575	22.46575	4.520548	20.65753	33.64384	108.3836
Namibia	2015	271.8904	22.68493	4.219178	22.46575	33.06849	106.9041
Namibia	2016	209.9726	36.43836	3.890411	21.53425	32.43836	142.137
Namibia	2017	143.6986	29.53425	3.726027	31.9726	31.86301	97.53425
Nepal	1961	0	0.01	2.26	7.31	0.42	22.85
Nepal	1962	0	0.02	2.3	7.35	0.42	22.96
Nepal	1963	0	0.06	2.29	7.66	0.41	23.28
Nepal	1964	0	0.06	2.29	7.7	0.43	23.34
Nepal	1965	0	0.09	2.33	6.16	0.42	23.61
Nepal	1966	0	0.11	2.44	6.02	0.41	23.62
Nepal	1967	0	0.16	2.55	6.51	0.46	23.83
Nepal	1968	0	0.15	2.59	6.07	0.45	24.02
Nepal	1969	0	0.19	2.61	6.12	0.47	23.96
Nepal	1970	0	0.13	2.64	6.39	0.45	23.89
Nepal	1971	0	0.12	2.66	6.07	0.49	24.02
Nepal	1972	0	0.14	2.69	6.2	0.5	24.12
Nepal	1973	0	0.12	2.71	6.35	0.49	24.01
Nepal	1974	0	0.2	2.72	6.49	0.48	23.89
Nepal	1975	0.15	0.27	2.68	6.63	0.53	23.76

Nepal	1976	0.17	0.19	2.64	6.77	0.58	23.43
Nepal	1977	0.13	0.23	2.6	6.23	0.61	23.28
Nepal	1978	0.17	0.2	2.56	7.44	0.66	23.33
Nepal	1979	0.25	0.19	2.54	8.27	0.68	23.16
Nepal	1980	0.31	0.23	2.59	6.96	0.7	23.19
Nepal	1981	0.29	0.25	2.53	9.15	0.72	23.15
Nepal	1982	0.24	0.15	2.59	6.94	0.8	24.36
Nepal	1983	0.38	0.3	2.81	7.82	0.84	51.77
Nepal	1984	0.56	0.35	2.94	7.03	0.84	53.16
Nepal	1985	0.42	0.39	2.16	13.56	1.63	52.91
Nepal	1986	0.51	0.37	2.22	11.55	1.54	55.41
Nepal	1987	0.62	0.31	2.18	13.23	1.72	57.94
Nepal	1988	0.86	0.27	2.15	16.13	1.94	57.56
Nepal	1989	0.98	0.33	2.17	15.46	1.97	57.27
Nepal	1990	1.04	0.3	2.61	15.83	2.21	63.53
Nepal	1991	1.53	0.36	2.67	15.38	2.3	132.13
Nepal	1992	1.77	0.31	2.6	15.35	2.38	129.27
Nepal	1993	2.02	0.37	2.42	16.66	2.38	130.95
Nepal	1994	2.04	0.45	2.38	17.52	2.32	131.54
Nepal	1995	2.25	0.41	2.39	17.09	2.82	133.23
Nepal	1996	2.45	0.43	2.39	15.41	2.89	84.41
Nepal	1997	2.72	0.48	2.49	15.78	2.97	96.15
Nepal	1998	2.54	0.44	2.62	16.48	3.06	92.62
Nepal	1999	2.46	0.63	2.79	18.67	3.13	97.89
Nepal	2000	2.55	0.68	2.53	17.36	3.8	95.89
Nepal	2001	2.22	0.87	2.82	18.5	3.88	102.62
Nepal	2002	2.62	0.94	2.84	18.54	3.99	99.11
Nepal	2003	3.26	0.78	2.89	19.71	4.14	106.15
Nepal	2004	3.37	0.98	2.94	19.68	4.43	109.62
Nepal	2005	3.42	0.86	2.96	20.11	4.64	114
Nepal	2006	3.21	1.06	2.97	18.87	4.94	111.8
Nepal	2007	3.5	0.68	3.01	20.92	5.07	116.19
Nepal	2008	3.24	0.77	3.05	24.07	5.37	125.07
Nepal	2009	4.32	0.8	3.01	25.58	5.52	122.78
Nepal	2010	5.25	0.96	3.04	26.16	5.52	133.96
Nepal	2011	4.9	1.01	3.14	29.27	6.09	145.34
Nepal	2012	5.67	0.99	3.54	27.94	6.02	187.14
Nepal	2013	6.02	1.04	3.88	28.68	5.95	169.25
Nepal	2014	6.410959	1.39726	3.589041	32.13699	7.534247	164.8219
Nepal	2015	7.123288	1.123288	3.589041	31.26027	7.917808	170.1644
Nepal	2016	10.73973	1.808219	5.205479	32.05479	7.863014	167.2877
Nepal	2017	12.52055	1.205479	5.424658	32.16438	7.726027	180.4932
Net Food Importing Developing Countries	1961	12.33	34.26	2.72	11.38	15.36	119.81
Net Food Importing Developing Countries	1962	12.1	34.58	2.78	12.05	15.94	124.29
Net Food Importing Developing Countries	1963	12.12	35.26	2.8	12.55	16.31	121.29
Net Food Importing Developing Countries	1964	12.47	33.56	2.95	12.54	17.49	125.33
Net Food Importing Developing Countries	1965	12.71	31.17	3.04	13.02	17.12	126.04
Net Food Importing Developing Countries	1966	13.31	32.44	3.18	13.26	18.25	127.61
Net Food Importing Developing Countries	1967	13.09	33.92	3.28	12.86	18.08	133.96

Net Food Importing Developing Countries	1968	13.12	34.26	3.35	13.55	18.3	132
Net Food Importing Developing Countries	1969	13.49	33.21	3.43	13.35	18.32	128.95
Net Food Importing Developing Countries	1970	14.52	36.2	3.5	13.58	18.39	126.82
Net Food Importing Developing Countries	1971	14.9	35.98	3.56	13.97	19.04	125.4
Net Food Importing Developing Countries	1972	15.32	34.27	3.63	14.02	19.75	125.81
Net Food Importing Developing Countries	1973	15.87	35.33	3.71	14.41	20.41	124.84
Net Food Importing Developing Countries	1974	15.78	35.22	3.75	15.28	19.78	127.45
Net Food Importing Developing Countries	1975	15.81	36.01	3.9	15.72	18.87	126.76
Net Food Importing Developing Countries	1976	17.5	38.44	4.02	16.35	19.3	126.3
Net Food Importing Developing Countries	1977	18.84	36.6	4.19	16.58	19.79	123.87
Net Food Importing Developing Countries	1978	18.69	37.85	4.4	17.18	20	126.41
Net Food Importing Developing Countries	1979	19.46	37.45	4.5	18.18	19.69	133.82
Net Food Importing Developing Countries	1980	20.61	33.53	4.44	18.26	19.98	131.09
Net Food Importing Developing Countries	1981	20.85	29.62	4.57	19.46	19.78	129.9
Net Food Importing Developing Countries	1982	19.41	32.18	4.74	20.14	19.66	132.13
Net Food Importing Developing Countries	1983	19.07	29.24	4.81	19.83	19.29	130.56
Net Food Importing Developing Countries	1984	18.14	29.31	4.7	19.28	20.27	126.92
Net Food Importing Developing Countries	1985	17.29	31.43	4.77	19.85	20.56	125.98
Net Food Importing Developing Countries	1986	18.41	31.85	4.89	20.18	21.86	128.01
Net Food Importing Developing Countries	1987	19.32	32.3	5.02	19.74	21.65	126.81
Net Food Importing Developing Countries	1988	19.24	29.84	5.21	20.84	21.91	128.16
Net Food Importing Developing Countries	1989	17.4	31.52	4.79	19.78	21.84	131.34
Net Food Importing Developing Countries	1990	16.57	29.36	4.91	20.22	22	127.37
Net Food Importing Developing Countries	1991	16.78	29.68	4.93	20.08	20.07	128.87
Net Food Importing Developing Countries	1992	18.45	31.19	4.79	21.06	20.42	129.03
Net Food Importing Developing Countries	1993	16.9	31.36	4.58	20.65	20.53	130.56
Net Food Importing Developing Countries	1994	16.3	31.39	4.74	19.81	20.4	131.69
Net Food Importing Developing Countries	1995	16.88	31.4	4.74	20.88	21.1	132.12
Net Food Importing Developing Countries	1996	16.44	30.61	4.83	20.4	20.75	133.7
Net Food Importing Developing Countries	1997	16.96	32.21	5.1	20.3	21.62	136.37
Net Food Importing Developing Countries	1998	17.63	30.88	4.96	21.16	21.77	138.1
Net Food Importing Developing Countries	1999	17	30.59	5.3	20.73	22.94	137.7
Net Food Importing Developing Countries	2000	17.21	28.49	5.39	21.08	23.67	137.36
Net Food Importing Developing Countries	2001	17.82	30.9	5.39	20.98	24.55	136.28
Net Food Importing Developing Countries	2002	17.07	29.2	5.6	20.92	24.13	142.27
Net Food Importing Developing Countries	2003	17.16	27.47	5.55	21.56	24.99	140.59
Net Food Importing Developing Countries	2004	18.46	29.37	5.47	21.71	26.3	144.83
Net Food Importing Developing Countries	2005	19.78	30.14	5.64	22.1	26.15	148.7
Net Food Importing Developing Countries	2006	20.93	30.7	5.89	22.13	27.55	153.76
Net Food Importing Developing Countries	2007	21.75	31.69	6	22.8	28.68	151.71
Net Food Importing Developing Countries	2008	22.91	26.86	6.23	23.26	29.03	150.57
Net Food Importing Developing Countries	2009	22.12	28.51	6.12	23.51	30.92	152.38
Net Food Importing Developing Countries	2010	22.92	29.94	6.49	23.26	32.15	154
Net Food Importing Developing Countries	2011	23.52	30.4	6.81	24.09	33.05	153.14
Net Food Importing Developing Countries	2012	25.53	29.43	7.24	24.27	32.89	159.49
Net Food Importing Developing Countries	2013	25.3	29.61	7.43	24.27	32.41	158.2
Net Food Importing Developing Countries	2014	25.36986	28.10959	6.90411	20.19178	34.68493	156.4658
Net Food Importing Developing Countries	2015	25.61644	27.75342	6.821918	20.27397	34.68493	160.0548
Net Food Importing Developing Countries	2016	23.61644	26.24658	6.90411	20.27397	34.82192	157.2603

Net Food Importing Developing Countries	2017	23.45205	27.91781	7.178082	20.71233	34.27397	156.2466
Netherlands	1961	83.81	18.3	34.92	74.78	29.55	177.01
Netherlands	1962	88.34	16.34	36.41	64.9	27.72	186.27
Netherlands	1963	98.88	18.61	33.87	68.09	35.9	195.68
Netherlands	1964	109.88	20.36	37.25	69.16	36.61	233.77
Netherlands	1965	119	18.85	34.21	69.49	33.87	208.25
Netherlands	1966	123.33	19.12	33.73	71.31	36.56	209.27
Netherlands	1967	138.51	21	32.39	74.96	34.4	251.6
Netherlands	1968	142.13	21.48	34.12	75.45	34.2	243.87
Netherlands	1969	163.31	23.25	35.43	74.82	37	248.12
Netherlands	1970	181.73	20.8	35.45	75.03	36.8	254.21
Netherlands	1971	196.21	22.4	33.8	73.93	35.87	242.7
Netherlands	1972	211.04	25.25	33.32	73.37	35.3	221.01
Netherlands	1973	234.63	24.76	34.28	74.41	33.81	224.3
Netherlands	1974	243.85	22.61	26.54	70.53	35.75	227.03
Netherlands	1975	258.53	26.32	26.65	64.71	35.92	238.11
Netherlands	1976	272.19	27	24.56	68.08	30.22	271.29
Netherlands	1977	274.69	19.89	33.43	68.93	31.71	254.67
Netherlands	1978	277.9	22.31	32.37	66.95	30.82	293.71
Netherlands	1979	279.26	25.1	34.82	67.08	26.76	305.84
Netherlands	1980	287.25	23.73	31.74	67.66	26.86	314.62
Netherlands	1981	294.8	26.83	36.56	72.98	37.47	270.45
Netherlands	1982	276.63	28.08	40.53	69.03	36.67	302.06
Netherlands	1983	288.74	28.84	38.35	70.11	38.55	299.82
Netherlands	1984	282.81	28.72	38.19	68.31	34.06	304.9
Netherlands	1985	294.12	29.44	38.54	67.94	35.67	265.36
Netherlands	1986	289.89	29.25	36.09	69.9	29.37	307.36
Netherlands	1987	284.59	32.75	32.79	69.93	32.95	318.53
Netherlands	1988	284.78	28.4	32.36	66.19	34.89	346.13
Netherlands	1989	298.06	26.08	29.26	64.17	37.94	332.42
Netherlands	1990	304.74	31.61	32.02	68.16	29.4	389.67
Netherlands	1991	306.42	30.97	31.67	65.58	29.58	396.42
Netherlands	1992	309.45	34.38	31.46	64.76	36.54	493.49
Netherlands	1993	283.08	31.4	36.93	64.39	36.79	372.15
Netherlands	1994	278.26	31.52	37.94	62.11	38.08	389.83
Netherlands	1995	279.1	27.46	44.71	62.32	47.59	406.01
Netherlands	1996	258.92	30.05	40.43	66.71	46.15	342.05
Netherlands	1997	324.97	28.65	43.05	66.33	41.93	300.52
Netherlands	1998	332.96	21.48	49.86	69.89	60.99	309.01
Netherlands	1999	315.8	24.15	41.55	69.46	60.9	339.61
Netherlands	2000	304.25	26.92	53.87	62.31	59.28	337.77
Netherlands	2001	291.25	27.8	47.05	62.04	61.52	340.32
Netherlands	2002	279.68	27.57	52.53	64.19	54.64	397.96
Netherlands	2003	278.19	31.39	43.23	58.96	51.77	370.53
Netherlands	2004	275.27	28.14	50.54	59.57	55.82	359.05
Netherlands	2005	277.47	24.42	48.01	64.94	56.06	353.33
Netherlands	2006	270.68	26.35	49.32	55.25	58.32	361.99
Netherlands	2007	285.09	24.4	49.03	54.51	57.42	376.89
Netherlands	2008	263.56	14.7	41.95	53.77	58.64	347.59



Netherlands	2009	250.11	15.86	27.05	51.21	62.13	308.73
Netherlands	2010	232.92	12.44	38.14	55.66	64.03	324.6
Netherlands	2011	237.13	9.12	43.01	52.67	61.26	428.82
Netherlands	2012	221.01	6.94	42.16	50.46	63.33	434.23
Netherlands	2013	210.26	9.95	38.44	49.8	61.13	487.29
Netherlands	2014	222.3836	12.68493	38.05479	51.50685	60.63014	307.9452
Netherlands	2015	224.5753	12.21918	36.49315	53.31507	60.54795	315.863
Netherlands	2016	222.6301	13.0137	38.60274	51.20548	60.35616	296.8493
Netherlands	2017	226.4932	15.94521	38.68493	50.10959	60.16438	256.6027
Netherlands Antilles (former)	1961	89.44	12.7	10.61	43.15	47.5	285.53
Netherlands Antilles (former)	1962	90.41	15.73	10.33	44.32	55.92	298
Netherlands Antilles (former)	1963	87.24	18.8	9.63	45.24	70.5	298.38
Netherlands Antilles (former)	1964	88.14	17.92	8.83	46.41	52.96	272.45
Netherlands Antilles (former)	1965	86.15	22.13	9.31	46.55	57.83	243.75
Netherlands Antilles (former)	1966	97.75	15.22	7.26	46.49	58.5	239.44
Netherlands Antilles (former)	1967	109.23	19.92	8.19	44.92	62.72	236.08
Netherlands Antilles (former)	1968	125.1	21.66	9.24	49.7	66.78	241.47
Netherlands Antilles (former)	1969	159.98	16.09	10.66	50.22	57.35	248.23
Netherlands Antilles (former)	1970	184.58	17.93	10.62	48.2	68.67	281.45
Netherlands Antilles (former)	1971	169.54	17.3	12.12	52.91	81.65	285.8
Netherlands Antilles (former)	1972	169.3	15.89	8.34	52.27	62.87	282.99
Netherlands Antilles (former)	1973	179.92	32.89	7.13	52.17	63.75	268.79
Netherlands Antilles (former)	1974	198.67	62.59	7.36	47.99	76.34	285.23
Netherlands Antilles (former)	1975	219.7	50.89	8.15	44.8	64.72	296.46
Netherlands Antilles (former)	1976	243.65	90.12	8.58	51	70.11	370.39
Netherlands Antilles (former)	1977	264.16	90.27	8.57	53.45	67.21	359.77
Netherlands Antilles (former)	1978	350.11	89.94	9.14	49.45	68.97	325.71
Netherlands Antilles (former)	1979	308.38	60.59	8.41	52.13	75.28	363.24
Netherlands Antilles (former)	1980	303.78	82.79	8.39	55.76	76.74	343.71
Netherlands Antilles (former)	1981	304.25	69.51	12.8	55.28	75.86	422.21
Netherlands Antilles (former)	1982	319.35	48.19	13.18	55.71	81.37	460.06
Netherlands Antilles (former)	1983	247.84	54.61	8.9	54.18	84.48	476.01
Netherlands Antilles (former)	1984	187.28	18.11	8.28	51.17	80.3	513.92
Netherlands Antilles (former)	1985	185.58	9.07	7.52	36.41	59.52	347.99
Netherlands Antilles (former)	1986	108.82	9.5	7.25	35.33	63.04	380.15
Netherlands Antilles (former)	1987	115.29	9.6	6.16	31.75	72.56	358.73
Netherlands Antilles (former)	1988	129.02	7.23	6.07	32.23	64.72	285.22
Netherlands Antilles (former)	1989	175.13	7.47	6.38	28.91	72.56	295.78
Netherlands Antilles (former)	1990	173.96	7.88	6.97	24.64	76.54	351.29
Netherlands Antilles (former)	1991	148.23	9.26	7.02	21.02	52.09	348.77
Netherlands Antilles (former)	1992	109.08	9.73	7.35	24.11	58.17	352.06
Netherlands Antilles (former)	1993	180.02	10.32	6.03	30.9	57.89	348.34
Netherlands Antilles (former)	1994	225.68	14.63	6.05	30.89	53.41	279.43
Netherlands Antilles (former)	1995	222.37	11.29	6.83	32.46	64.78	294.74
Netherlands Antilles (former)	1996	219.74	6.99	7.05	38.54	47.23	259.6
Netherlands Antilles (former)	1997	215.41	7.58	6.48	34.45	53.83	252.67
Netherlands Antilles (former)	1998	242.93	16.03	8.65	34.25	55.9	255.31
Netherlands Antilles (former)	1999	280.63	7.19	7.3	26.19	67.17	147.16
Netherlands Antilles (former)	2000	402.31	9.63	7.49	22.49	64.44	144.33

Netherlands Antilles (former)	2001	322.49	13.9	7.55	19.99	66.67	150.09
Netherlands Antilles (former)	2002	313.29	10.41	9	19.46	52.29	132.88
Netherlands Antilles (former)	2003	345.04	15.75	9.68	19.36	60.77	194.57
Netherlands Antilles (former)	2004	327.8	11.6	10.63	21.76	63.43	187.84
Netherlands Antilles (former)	2005	316.61	9.18	11.12	20.28	59.1	185.74
Netherlands Antilles (former)	2006	477.13	11.81	10.11	20.09	70.83	185.82
Netherlands Antilles (former)	2007	538.77	13.27	13.53	19.42	64.91	186.51
Netherlands Antilles (former)	2008	564.77	12.68	14.52	17.46	71.8	183.65
Netherlands Antilles (former)	2009	529.85	12.08	12.45	16.91	77.58	186.57
Netherlands Antilles (former)	2010	522.19	9.09	12.12	22.92	74.47	176.51
New Caledonia	1961	222.56	8.52	10.96	21.37	13.53	427.25
New Caledonia	1962	224.78	8.68	10.79	25.19	26.4	413.2
New Caledonia	1963	220.04	9.72	9.46	22.47	38.23	353.42
New Caledonia	1964	252.92	10.25	9.3	23.89	27.71	373.54
New Caledonia	1965	266.96	9.62	8.97	23.31	27.09	391.55
New Caledonia	1966	263.4	9.44	8.57	24.7	23.31	390.78
New Caledonia	1967	260.15	11	8.62	28.47	14.27	375.17
New Caledonia	1968	301.67	11.84	9.08	25.82	13.84	372.22
New Caledonia	1969	291.57	13.15	8.63	19.64	13.56	371.52
New Caledonia	1970	382.21	14.89	8.56	16.68	13.05	402.01
New Caledonia	1971	411.77	17.12	8.14	32.37	12.56	388.48
New Caledonia	1972	177.19	9.25	7.59	32.99	12.01	389.07
New Caledonia	1973	168.9	8.89	7.28	32.55	18.41	377.72
New Caledonia	1974	171.41	8.55	8.33	27.97	19.18	369.93
New Caledonia	1975	194.2	12.84	9.29	28.09	18.04	322.47
New Caledonia	1976	156.39	13.35	9.44	26.48	55.37	317.59
New Caledonia	1977	178.2	12.72	9.78	28.3	60.17	325.61
New Caledonia	1978	159.5	13.83	9.36	28.55	39.97	306.97
New Caledonia	1979	166.84	12.31	13.31	27.92	48.04	308.99
New Caledonia	1980	148.55	12.73	18.29	29.97	63.13	356.32
New Caledonia	1981	155.61	12.44	17.58	29.94	51.94	290.31
New Caledonia	1982	161.63	12.68	17.31	35.08	59.15	274.77
New Caledonia	1983	160.43	11.79	20.98	34.35	49.64	348.2
New Caledonia	1984	132.16	12.01	20.39	41.84	48.48	301.6
New Caledonia	1985	104.09	11.78	21.26	34.25	51.66	293.03
New Caledonia	1986	132.4	11.7	20.42	41.99	56.15	265.47
New Caledonia	1987	145.65	11.45	19.4	41.46	67.53	254.6
New Caledonia	1988	145.5	6.6	19.26	32.19	50.89	268.86
New Caledonia	1989	168.02	11.57	19.96	36.35	59.4	275.49
New Caledonia	1990	167.89	9.79	21.56	34.47	68.09	204.77
New Caledonia	1991	161.76	9.08	18.08	37.94	71.81	211.71
New Caledonia	1992	175.99	10.33	19.16	35.48	62.66	205.83
New Caledonia	1993	208.31	7.93	17.01	43.24	55.09	200.75
New Caledonia	1994	158.8	8.92	17.4	36.94	62.3	200.86
New Caledonia	1995	205.29	11.03	19.08	41.26	58.02	207.84
New Caledonia	1996	188.69	12.42	18.84	37.4	67.4	232.79
New Caledonia	1997	231.22	10.55	19.59	42.55	61.14	257.47
New Caledonia	1998	234.55	11.54	18.49	41.76	71.04	274.05
New Caledonia	1999	197.78	6.65	19.41	37.9	66.09	214.92

New Caledonia	2000	174.82	2.9	18.51	42.38	69.99	216.22
New Caledonia	2001	185.56	15.22	17.49	40.43	71.89	245.77
New Caledonia	2002	197.19	14.42	20.52	45.49	62.39	232.93
New Caledonia	2003	188.03	17.33	19.54	41.45	59.78	276.89
New Caledonia	2004	196.24	11.3	19.41	44.36	64.9	304.03
New Caledonia	2005	188.68	13.75	18.84	41.75	62.51	289.7
New Caledonia	2006	191.24	16.41	19.99	43.47	67.96	310.2
New Caledonia	2007	189.08	18.2	19.44	42.01	70.54	317.5
New Caledonia	2008	191.1	10.64	17.06	39.96	75.7	280.31
New Caledonia	2009	177.75	18.57	20.1	40.96	71.61	338.01
New Caledonia	2010	190.61	17.01	20.82	43.01	74.42	331.29
New Caledonia	2011	190.2	15.47	21.6	41.48	77.79	321.22
New Caledonia	2012	186.91	19.37	26.35	40.67	76.87	382
New Caledonia	2013	181.68	16.19	24.25	41.93	75.97	404.4
New Caledonia	2014	183.6164	8.958904	23.31507	41.61644	70.16438	196.5205
New Caledonia	2015	184.7123	8.712329	23.9726	42.68493	69.26027	245.8904
New Caledonia	2016	173.9452	6.438356	25.75342	43.36986	68.52055	275.8904
New Caledonia	2017	160.0822	6.739726	24	44.60274	67.75342	244.5753
New Zealand	1961	294.95	11.01	47.72	6.68	56.43	179.86
New Zealand	1962	302.6	12.07	46.84	5.37	54.98	181.86
New Zealand	1963	298.57	11.18	46.94	5.48	52.6	187.44
New Zealand	1964	301.13	12.41	46.49	5.8	48.11	217.92
New Zealand	1965	305.28	11.2	46.41	7.91	50.07	184.57
New Zealand	1966	316.08	12.33	47.15	17.4	54.87	215.31
New Zealand	1967	325.36	12.42	50.83	16.78	54.2	200.72
New Zealand	1968	328.51	11.27	49.97	17.87	47.56	192.81
New Zealand	1969	332.59	11.96	50	16.41	39	187.06
New Zealand	1970	344.59	13.51	49.49	15.43	44.06	204.89
New Zealand	1971	360.35	13.17	46.81	23.04	48	187.95
New Zealand	1972	362.96	13.86	46.65	23.05	33.27	211.84
New Zealand	1973	375.59	12.31	48.47	19.73	44.06	204.18
New Zealand	1974	373.56	11.49	47.72	22.83	42.21	204.65
New Zealand	1975	381.84	13.33	46.5	25.91	41.55	188.87
New Zealand	1976	367.01	11.18	42.59	16.26	40.95	199.98
New Zealand	1977	372.6	11.72	44.99	21.71	42.38	198.36
New Zealand	1978	391.95	10.07	45.1	25.97	49.72	208.36
New Zealand	1979	365.34	11.42	45.51	29.6	38.22	206.71
New Zealand	1980	375.97	13.84	43.08	29.85	39.86	232.35
New Zealand	1981	380.5	11.08	45.91	25.44	31.45	253.18
New Zealand	1982	364.89	12.28	45.69	28.54	41.8	243.44
New Zealand	1983	352.63	11.85	41.2	34.17	44.78	237.27
New Zealand	1984	366.53	11.34	37.76	24.86	46.44	262.13
New Zealand	1985	367.29	11.42	35.02	24.61	38.22	277.03
New Zealand	1986	383.28	11.11	34.68	31.88	33.91	281.79
New Zealand	1987	379.87	10.75	29.35	29.23	53.26	331.34
New Zealand	1988	364.46	11.72	30.21	36.68	36.96	320.46
New Zealand	1989	356.34	9.82	32.98	37.33	56.7	327.75
New Zealand	1990	348.92	10.93	50.33	45.88	62.56	284.71
New Zealand	1991	326.28	10.59	50.11	42.52	55.87	271.98

New Zealand	1992	326.99	10.64	48.18	41.24	56.75	283.78
New Zealand	1993	305.05	11.09	47.11	39.67	54.96	316.01
New Zealand	1994	298.47	11.35	27.48	33.88	58.05	324.14
New Zealand	1995	287.57	10.18	26.48	36.08	74.15	325.86
New Zealand	1996	289.16	11.16	26.46	39.67	55.46	333.29
New Zealand	1997	270.52	11.59	26.18	40.49	73.53	322.24
New Zealand	1998	274.96	11.1	26.14	38.7	70.65	304.9
New Zealand	1999	268.14	11.72	25.91	38.03	65.22	318.12
New Zealand	2000	256.51	13	25.92	39.1	62.33	358.62
New Zealand	2001	257.28	10.97	26.42	38.81	75.21	340.32
New Zealand	2002	250.18	10.64	26.81	39	71.95	325.9
New Zealand	2003	245.93	10.93	26.77	37.52	72.03	304.27
New Zealand	2004	242.65	11.48	27.51	40.54	73.69	317.07
New Zealand	2005	240.58	11.75	28.47	40.36	75.7	333.36
New Zealand	2006	241.14	12.98	29.14	39.49	68.46	271.98
New Zealand	2007	240.95	13.21	26.15	41.3	77.87	319.56
New Zealand	2008	245.1	12.04	30.1	40.53	73	335.17
New Zealand	2009	230.45	12.79	27.75	36.77	70.07	309.74
New Zealand	2010	216.81	16.55	27.25	37.11	71.38	306.19
New Zealand	2011	218.73	10.2	26.79	35.65	69.69	256.06
New Zealand	2012	210.74	12.96	27.58	34.2	67.24	265.03
New Zealand	2013	211.55	12.91	27.14	34.69	68.9	277.94
New Zealand	2014	213.726	9.178082	26.38356	25.0137	67.58904	171.4247
New Zealand	2015	205.9452	9.342466	26.71233	24.68493	66.84932	163.2877
New Zealand	2016	198.8767	9.479452	28.27397	27.20548	65.67123	177.0959
New Zealand	2017	210.5753	9.972603	28.54795	25.56164	68.43836	165.2603
Nicaragua	1961	19.89	0.7	12.01	7.7	6.45	182.95
Nicaragua	1962	23.57	1.58	12.21	9.97	4.91	175.56
Nicaragua	1963	22.48	1.54	12.48	9.77	6.17	183.59
Nicaragua	1964	26.88	2.7	12.66	9.79	5.58	180.38
Nicaragua	1965	30.06	3.44	13.1	12.72	7.26	158.2
Nicaragua	1966	28.71	6.35	12.97	15.07	7.29	158.6
Nicaragua	1967	29.89	6.7	12.94	14.55	7.79	166.7
Nicaragua	1968	31.61	6.21	12.57	12.21	7.74	170.42
Nicaragua	1969	27.74	6.87	14.07	12.08	5.66	181.74
Nicaragua	1970	28.43	6.76	14.05	13.33	5.74	183.33
Nicaragua	1971	28.7	6.34	14.57	15.33	5.17	178.67
Nicaragua	1972	26.47	5.24	15.1	13.45	5.48	160.21
Nicaragua	1973	32.29	4.91	15.72	14.52	8.33	178.94
Nicaragua	1974	30.82	5.09	16.53	15.05	3.34	172.64
Nicaragua	1975	29.01	3.78	21.7	14.58	4.17	171.6
Nicaragua	1976	30.44	3.76	25.45	14.81	3.86	174.62
Nicaragua	1977	33.62	3.98	21.51	14.44	6.5	204.44
Nicaragua	1978	30.03	4.3	29.31	13.63	8.75	183.56
Nicaragua	1979	29.88	4.09	24.79	14.3	3.34	147.45
Nicaragua	1980	31.95	3.79	25.39	16.18	2.32	159.53
Nicaragua	1981	34.03	3.84	23.23	18.56	1.74	141.08
Nicaragua	1982	31.58	2.86	23.56	14.19	2.6	173.95
Nicaragua	1983	31.43	2.64	23.37	20.06	2.76	125.13

Nicaragua	1984	31.07	2.6	22.83	17.14	2.25	147.05
Nicaragua	1985	31.35	1.86	24.31	18.37	1.81	126.31
Nicaragua	1986	32.28	2.47	22.86	20.93	0.95	130.31
Nicaragua	1987	31.01	4.04	22.49	20.29	2.55	123.62
Nicaragua	1988	25.1	4.15	19.87	22.15	2.17	115.59
Nicaragua	1989	27.72	3.68	16.64	22.04	1.66	113.98
Nicaragua	1990	30.32	3.47	16.26	20.41	0.98	105.53
Nicaragua	1991	30.9	6.28	16.02	21.61	2.77	121.37
Nicaragua	1992	27.35	6.45	15.92	25.74	3.59	155.04
Nicaragua	1993	29.74	6.28	15.96	24.84	2.89	115.59
Nicaragua	1994	27.1	5.23	15.38	28.1	1.81	106.87
Nicaragua	1995	25.79	2.99	14.95	31.59	2.26	93.46
Nicaragua	1996	21.78	3.1	16.02	22.26	3.41	94.98
Nicaragua	1997	26.36	5.38	16.35	22.19	3.27	84.96
Nicaragua	1998	32.85	9.54	16.86	23.82	7.17	96.65
Nicaragua	1999	35.68	9.29	9.13	19.59	7.76	98.18
Nicaragua	2000	32.57	3.56	10	24.47	8.43	87.61
Nicaragua	2001	30.24	0.5	10.39	24.18	9.87	92.89
Nicaragua	2002	32.13	0.85	11.2	22.65	9.97	84.11
Nicaragua	2003	36.41	0.86	10.89	21.65	7.27	92.58
Nicaragua	2004	40.95	0.45	10.84	22.82	6.88	93.28
Nicaragua	2005	30.56	0.42	9.62	27.25	11.13	95.66
Nicaragua	2006	37.94	1.42	9.93	27.01	13.78	94.3
Nicaragua	2007	43.19	0.42	9.87	28.21	11.64	102.72
Nicaragua	2008	45.41	0.45	9.96	28.28	12.78	126.2
Nicaragua	2009	34.57	0.67	10.59	25.95	15.54	136.79
Nicaragua	2010	36.95	0.75	11.19	28.68	14.03	129.75
Nicaragua	2011	35.23	0.42	11.91	28.43	13.55	125.51
Nicaragua	2012	44.65	0.66	12.38	28.38	13.37	107.62
Nicaragua	2013	43.72	0.7	13.42	28.75	13.16	109.69
Nicaragua	2014	43.36986	0.191781	13.42466	27.12329	17.58904	84.93151
Nicaragua	2015	44.46575	0.164384	14.08219	27.34247	15.89041	108.0548
Nicaragua	2016	45.53425	0.164384	17.0137	28.27397	18.16438	110.5205
Nicaragua	2017	46.68493	0.219178	14.93151	27.12329	17.91781	106.6027
Niger	1961	2.28	0.11	1.66	4.24	0.16	17.38
Niger	1962	1.97	0.14	1.67	4.16	1.28	18.17
Niger	1963	2.61	0.21	1.67	4.45	4.72	18.21
Niger	1964	2.19	0.18	1.79	4.31	3.7	18
Niger	1965	1.73	0.16	1.91	4.13	3.04	17.28
Niger	1966	1.4	0.24	2	4.34	2.4	17.14
Niger	1967	2.25	0.29	2.11	4.26	1.46	17.09
Niger	1968	1.8	0.24	2.13	4.49	1.8	17.4
Niger	1969	1.97	0.18	2.12	4.39	0.61	16.85
Niger	1970	1.96	0.27	2.13	3.77	0.31	16.94
Niger	1971	2.38	0.3	2.1	3.36	0.41	13.73
Niger	1972	2.48	0.38	2.06	2.94	6.08	13.68
Niger	1973	2.87	0.37	2.03	3.95	5.6	12.37
Niger	1974	2.88	0.38	2	4.91	4.33	13.22
Niger	1975	2.78	0.26	1.98	5.92	3.18	15.25

Niger	1976	2.32	0.4	1.93	4.69	2.51	15.18
Niger	1977	3.39	0.68	1.89	5.84	1.93	14.98
Niger	1978	4.74	0.71	1.86	7.47	4.02	18.66
Niger	1979	4.65	0.34	1.84	8.22	1.15	17.92
Niger	1980	5.34	0.72	1.81	9.51	4.36	18.36
Niger	1981	5.77	0.67	1.73	9.45	4.21	18.2
Niger	1982	5.62	0.5	1.73	7.91	3.33	18.44
Niger	1983	3.41	0.76	1.71	8.68	1.51	19.92
Niger	1984	4.02	0.66	1.67	8.98	1.38	19.14
Niger	1985	3.29	0.31	1.59	7.85	0.93	17.46
Niger	1986	4.48	0.65	1.57	7.13	1.23	15.81
Niger	1987	3.9	1.54	1.6	7.85	1.26	16.11
Niger	1988	3.16	1.13	1.59	7.05	1.21	17.02
Niger	1989	2.65	0.81	1.56	9.39	2.49	17.97
Niger	1990	2.29	0.47	1.55	10.16	1.63	16.72
Niger	1991	2.26	0.23	1.49	8.75	1.64	15.61
Niger	1992	1.56	0.2	1.46	8.1	1.16	15.15
Niger	1993	1.87	0.18	1.43	7.1	0.75	14.51
Niger	1994	0.33	0.09	1.4	4.93	0.89	13.28
Niger	1995	1.57	0.26	1.37	10.94	1.33	15.72
Niger	1996	1.39	0.45	1.34	11.86	1.44	15.13
Niger	1997	1.15	0.6	1.33	14.59	2.12	15.18
Niger	1998	1.62	0.57	1.29	12.37	1.95	13.91
Niger	1999	1.29	0.66	1.26	14.82	2.14	15.41
Niger	2000	1.07	0.57	1.22	13.65	3.37	18.94
Niger	2001	1.47	0.69	1.19	13.86	1.74	29.88
Niger	2002	1.19	0.83	1.19	16.31	1.14	39.88
Niger	2003	1.28	1.2	1.17	17.13	9.4	49.45
Niger	2004	1.23	1.37	1.14	16.31	9.33	52.78
Niger	2005	1.31	0.93	1.09	16.52	9.54	56.99
Niger	2006	1.78	1.11	0.93	14.84	6.15	61.69
Niger	2007	1.67	1.56	0.91	13.82	5.96	68.12
Niger	2008	1.74	1.59	0.88	15.01	5.92	73.53
Niger	2009	1.66	0.76	0.86	14.29	5.9	89.4
Niger	2010	1.64	0.9	0.69	13.33	7.44	87.19
Niger	2011	1.81	1.57	0.7	15.11	9.05	83
Niger	2012	1.66	2.2	0.77	15.26	7.83	83.5
Niger	2013	1.57	1.47	0.81	13.6	7.37	81.35
Niger	2014	1.561644	1.260274	0.739726	13.12329	7.205479	65.69863
Niger	2015	1.69863	1.39726	0.739726	13.09589	4.849315	71.47945
Niger	2016	1.753425	0.90411	0.712329	12.16438	5.780822	72.90411
Niger	2017	1.534247	0.958904	0.657534	11.72603	5.534247	70.9863
Nigeria	1961	2.15	107.11	4.1	36.92	9.44	180.57
Nigeria	1962	2.79	109.86	4.23	40.81	8.77	178.73
Nigeria	1963	3.71	107.03	4.35	39.38	11.69	176.64
Nigeria	1964	3.93	107.78	4.38	37.9	13.83	174.57
Nigeria	1965	4.01	104	4.42	39.46	12.74	177.98
Nigeria	1966	3.53	101.84	4.47	32.95	12.62	176.02
Nigeria	1967	3.28	102.79	4.56	35.14	11.83	174.13

Nigeria	1968	3.71	103.04	4.7	35.33	9.13	172.33
Nigeria	1969	4.44	102.67	4.82	37.79	8.64	170.7
Nigeria	1970	5.26	119.01	4.94	34.17	10.48	197.85
Nigeria	1971	6.45	118.83	5.26	32.67	15.68	195.32
Nigeria	1972	8.02	119.03	5.36	29.85	16.59	190.58
Nigeria	1973	10.01	143.97	5.44	30.35	16.68	186.32
Nigeria	1974	10.84	157.27	5.7	32.73	17.42	183.03
Nigeria	1975	14.32	159.6	5.95	30.96	20.93	181.83
Nigeria	1976	17.69	167.65	5.78	31.78	25.36	178.45
Nigeria	1977	21.21	174.45	6.36	36.11	27.84	174.38
Nigeria	1978	13.01	177.28	6.53	35.39	34.53	169.99
Nigeria	1979	18.14	184.55	6.71	33.12	38.17	175.56
Nigeria	1980	18.97	185.72	6.85	33.55	36.58	173.43
Nigeria	1981	14.76	190.64	6.84	32.68	45.49	169.87
Nigeria	1982	29.17	183.67	7.16	33.36	48.3	167.18
Nigeria	1983	28.88	158.86	7.15	31.26	33.81	177.96
Nigeria	1984	25.35	159.84	7.29	29.4	24.09	174.11
Nigeria	1985	24.08	159.37	7.54	30.14	16.75	170.58
Nigeria	1986	25.74	158.23	7.62	36.61	16.21	169.37
Nigeria	1987	31.69	154.59	7.99	30.61	24.26	163.28
Nigeria	1988	20.26	150.87	7.2	35.18	21.21	156.07
Nigeria	1989	22.01	148.91	6.53	34.99	26.37	173.93
Nigeria	1990	20.73	144.07	8.94	38.53	29.62	164.36
Nigeria	1991	20.81	148.72	9.29	39.61	26.23	177.77
Nigeria	1992	21.22	145.55	9.55	40.77	16.32	181.19
Nigeria	1993	20.96	142.82	9.8	43.75	17.94	190.88
Nigeria	1994	20.69	144.2	10.06	42.41	14.03	179.82
Nigeria	1995	20.4	142.17	9.16	40.45	17.37	177.55
Nigeria	1996	20.15	153.72	7.42	41.11	19.96	179.42
Nigeria	1997	18.94	163.67	6.17	41.46	18.87	181.8
Nigeria	1998	19.08	171.58	9.12	41.68	22.02	186.43
Nigeria	1999	23.27	169.77	9.24	42.03	20.85	187.06
Nigeria	2000	20.69	171.61	8.26	40.27	18.26	186.7
Nigeria	2001	21.2	165.79	8.86	43.03	26.31	185.67
Nigeria	2002	24.97	165.13	8.83	43.61	24.36	188.87
Nigeria	2003	24.82	167.28	8.79	44.44	25.51	196.55
Nigeria	2004	24.29	167.13	8.87	45	28.4	204.25
Nigeria	2005	23.29	165.39	9.08	46.64	30.61	189.82
Nigeria	2006	22.18	162.94	9.31	46.84	41.25	169.71
Nigeria	2007	26.05	159.24	9.5	45.2	46.73	170.11
Nigeria	2008	28.46	154.83	9.72	44.61	44.58	161.88
Nigeria	2009	28.52	151.75	9.98	36.22	38.82	166.45
Nigeria	2010	30.83	146.91	9.87	37.51	41.54	169.04
Nigeria	2011	33.37	143.21	9.79	37.57	46.88	165.09
Nigeria	2012	39.61	139.14	9.59	37.49	45.61	164.49
Nigeria	2013	42.45	134.68	9.47	36.64	44.34	157.85
Nigeria	2014	42.9589	101.726	9.589041	34.73973	34	158.5205
Nigeria	2015	41.58904	102.8219	6.876712	35.34247	30.73973	158.9315
Nigeria	2016	38.76712	101.589	6.90411	34.60274	25.15068	156.2192

Nigeria	2017	37.78082	100.6301	6.821918	34.49315	24.9589	154.4384
North Macedonia	2014	86.49315	12.54795	14.21918	55.72603	16.84932	261.0137
North Macedonia	2015	86.93151	13.0411	13.42466	56.10959	17.64384	290.9315
North Macedonia	2016	92.60274	12.76712	12.87671	57.23288	17.28767	281.3151
North Macedonia	2017	92.08219	12.32877	13.80822	56.73973	17.0137	253.4247
Northern Africa	1961	8.4	11.79	3.4	15.59	7.63	86.31
Northern Africa	1962	8.09	14.43	3.44	17.13	7.89	89.98
Northern Africa	1963	7.2	12.7	3.34	17.7	7.62	91.26
Northern Africa	1964	7.13	13.18	3.54	16.99	8.27	97.03
Northern Africa	1965	6.96	10.54	3.48	19.52	7.26	92.47
Northern Africa	1966	7.21	8.57	3.73	20.23	7.93	95.41
Northern Africa	1967	6.83	11.74	3.82	20.42	6.69	98.87
Northern Africa	1968	6.68	12.49	3.94	22.61	6.32	94.35
Northern Africa	1969	7.2	12.96	3.78	21.04	6.47	94.58
Northern Africa	1970	7.25	12.96	3.79	23.01	6.07	95.1
Northern Africa	1971	7.13	12.72	3.8	24.17	7.59	102.24
Northern Africa	1972	7.1	12.64	3.86	24.14	8.29	105.48
Northern Africa	1973	7.58	12.33	4	25.33	7.69	102.24
Northern Africa	1974	7.32	13.49	3.97	28.06	8.45	112.13
Northern Africa	1975	6.39	13.33	4.31	27.13	8.77	109.13
Northern Africa	1976	6.77	13.72	4.67	26.9	10	108.77
Northern Africa	1977	7.19	12.94	5.32	31.22	9.66	102.69
Northern Africa	1978	7.01	15.44	6.2	31.93	10.95	108.11
Northern Africa	1979	6.59	14.25	6.06	34.29	11.2	115.59
Northern Africa	1980	6.86	14.08	6.12	33.47	11.99	109.15
Northern Africa	1981	7.75	14.8	6.47	35.55	12.83	112.79
Northern Africa	1982	6.87	13.36	7.52	36.1	13.44	122.98
Northern Africa	1983	5.43	15.14	7.88	32.06	14.04	122.44
Northern Africa	1984	5.38	13.37	7.26	31.22	14.37	122.54
Northern Africa	1985	5.61	15.55	7.51	30.52	15.45	122.2
Northern Africa	1986	6.52	15.2	7.66	31.16	16.18	134.37
Northern Africa	1987	6.51	14.77	8.47	29.02	15.45	131.53
Northern Africa	1988	6.32	16.68	9.06	30.93	16.1	134.12
Northern Africa	1989	6.19	15.58	8.56	30.73	15.85	146.52
Northern Africa	1990	5.73	15.63	9.02	28.93	16.76	143.61
Northern Africa	1991	6.13	17.59	8.64	27.95	15.75	151.42
Northern Africa	1992	6.17	16.65	7.93	28.96	17.35	161.53
Northern Africa	1993	5.58	17.6	8.02	28.39	16.08	161.68
Northern Africa	1994	6.27	17.48	8.41	27.93	18.47	162.18
Northern Africa	1995	6.64	16.81	8.74	29.04	17.51	163.9
Northern Africa	1996	5.98	17.14	7.82	26.38	17.96	176.87
Northern Africa	1997	5.38	17.81	8.2	27.14	18.1	174.31
Northern Africa	1998	6.04	17.18	7.94	27.61	20.37	177.44
Northern Africa	1999	6.26	17.15	8.41	27.5	22.44	188.7
Northern Africa	2000	5.77	16.5	8.55	26.94	23.88	190.35
Northern Africa	2001	7	16.67	8.68	26.62	25.02	188.24
Northern Africa	2002	6.65	15.98	10.63	25.92	24.66	205.7
Northern Africa	2003	7.3	15.91	10.2	24.32	26.48	209.95
Northern Africa	2004	8.69	14.74	9.78	24.04	26.84	220.27



Northern Africa	2005	8.89	14.46	9.39	22.66	28.1	224.73
Northern Africa	2006	7.99	14.66	9.27	23.81	29.55	244
Northern Africa	2007	9.94	15.71	10.08	24.94	29.57	229.9
Northern Africa	2008	9.01	17.25	9.91	24.83	29.62	232.16
Northern Africa	2009	8.59	16.9	8.53	24.27	30.4	243.62
Northern Africa	2010	8.92	16.56	10.22	24.23	35.07	241.24
Northern Africa	2011	7.47	17.1	10.75	25.77	34.75	248.27
Northern Africa	2012	7.44	14.82	13.73	27.64	37.26	283.19
Northern Africa	2013	8.09	16.07	13.95	27.27	37.08	275.43
Northern Africa	2014	6.986301	5.643836	13.0411	27.67123	40.35616	271.726
Northern Africa	2015	6.821918	5.780822	13.36986	27.83562	40.76712	294.4658
Northern Africa	2016	6.90411	5.041096	12.73973	28.30137	40.52055	275.5342
Northern Africa	2017	6.849315	5.780822	12.87671	28.38356	40.46575	278.274
Northern America	1961	182.88	19.05	47.77	49.38	36.21	219.86
Northern America	1962	185.07	19.61	47.98	48.94	37.19	224.27
Northern America	1963	188.92	19.21	47.4	49.2	36.38	202.92
Northern America	1964	194.74	18.89	48.06	52.13	35.29	208.1
Northern America	1965	198.11	18.44	47.53	51.29	35.31	216.5
Northern America	1966	205.41	20.28	47.35	52.01	36.87	226.87
Northern America	1967	209.1	20.76	48.68	54.62	34.76	235.52
Northern America	1968	216.81	20.76	47.86	55.09	38.92	219.62
Northern America	1969	224.12	20.62	46.97	56.92	36.67	253.1
Northern America	1970	236.43	20.18	47.33	58.27	39.64	245.68
Northern America	1971	241.29	19.65	47.31	57.65	38.95	258.86
Northern America	1972	247.81	20.5	46.33	59.54	43.34	243.55
Northern America	1973	258.33	20.97	43.93	56.59	42.84	269.59
Northern America	1974	267.21	20.24	43.22	58.91	41.37	264.13
Northern America	1975	268.31	19.25	42.3	57.22	39.01	280.67
Northern America	1976	273.67	19.94	41.39	65.62	43.63	277.21
Northern America	1977	281.29	15.82	40.72	62.28	43.75	286.63
Northern America	1978	289.39	17.31	41.53	64.32	45.48	286.24
Northern America	1979	299.53	18.44	42.44	64.25	45.42	291.1
Northern America	1980	309.17	17.39	42.03	66.15	43.92	308.35
Northern America	1981	311.07	17.15	41.13	65.3	48.48	299.21
Northern America	1982	306.42	16.75	40.98	66.59	45.92	286.74
Northern America	1983	307.73	16.43	40.59	68.84	48.51	310.04
Northern America	1984	303.64	17.66	39.51	67.85	52.42	321.67
Northern America	1985	303.06	17.45	39.09	73.75	52.26	304.56
Northern America	1986	299.48	17.37	38.75	72.38	52.44	333.78
Northern America	1987	301.01	17.52	38.69	68.21	58.75	355.24
Northern America	1988	300.48	16.78	37.48	70.85	56.14	326.05
Northern America	1989	290.01	17.01	36.48	66.97	62.05	326.3
Northern America	1990	291.31	17.38	36.05	68.58	60.54	326.92
Northern America	1991	286.34	16.97	35.88	69.82	58.14	293.58
Northern America	1992	279.75	18.8	36	72.84	60.42	303.39
Northern America	1993	281.16	17.52	35.97	72.32	62.78	325.14
Northern America	1994	278.78	16.72	36.32	75.62	61.74	332.42
Northern America	1995	274.26	16.19	35.91	71.57	60.37	310.38
Northern America	1996	273	16.6	36.22	70.12	58.18	313.77

Northern America	1997	272.1	16.53	36.62	72.86	58.05	333.5
Northern America	1998	271.77	16.28	37.39	73.52	60.16	331.89
Northern America	1999	272.11	17.84	38.49	74.11	60.08	314.95
Northern America	2000	273.34	18.82	38.8	82.62	60.78	347.37
Northern America	2001	273.7	17.82	39.29	75.42	59.75	315.77
Northern America	2002	278.68	16.88	39.49	79.06	62.43	310.04
Northern America	2003	270.13	17.05	39.31	79.72	65.94	318.56
Northern America	2004	273.27	17.5	39.58	77.79	67.9	323.11
Northern America	2005	274.22	18.37	39.41	80.99	63.94	310.18
Northern America	2006	272.51	17.85	39.19	79.9	66.16	306.71
Northern America	2007	270.66	17.98	38.12	79.38	61.94	314.11
Northern America	2008	266.45	17.66	37.69	80.1	59.32	323.4
Northern America	2009	260.84	16.94	37.87	83.66	59.1	309.22
Northern America	2010	257.05	17.79	38	84	59.73	295.42
Northern America	2011	251.59	18.22	37.86	85.61	58.93	279.65
Northern America	2012	255.85	18	38.6	85.09	58.68	293.41
Northern America	2013	250.32	18.43	39.51	84.75	59.33	298.72
Northern America	2014	260.0274	18.52055	40.32877	53.42466	60.27397	241.5068
Northern America	2015	262.2192	18.65753	39.72603	53.36986	60.30137	239.7534
Northern America	2016	263.863	18.73973	41.09589	53.0137	60.43836	245.2877
Northern America	2017	256.5753	19.58904	42.27397	53.06849	61.45205	249.863
Northern Europe	1961	213.8	17.97	36.77	45.56	56.74	151.84
Northern Europe	1962	212.76	19	37.09	45.64	59.1	175.28
Northern Europe	1963	216.03	19.72	36.6	43.64	58.31	164.45
Northern Europe	1964	227.41	19.15	39.1	43.61	60.49	174.35
Northern Europe	1965	226.77	18.42	36.69	42.88	61.78	167.37
Northern Europe	1966	232.72	19.11	36.24	46.54	59.15	164.29
Northern Europe	1967	237.7	20.08	37.06	44.71	59.96	163.36
Northern Europe	1968	246.19	21.33	36.27	47.39	62.83	173.53
Northern Europe	1969	260.33	20.02	36.79	48.37	61.76	170.63
Northern Europe	1970	266.58	21.15	38.47	49.19	62.07	179.36
Northern Europe	1971	276.97	20.27	38.1	48.94	58.13	181.46
Northern Europe	1972	284.66	20.32	37.87	49.26	57.57	176.57
Northern Europe	1973	300.74	21.32	36.86	48.57	57.67	188.22
Northern Europe	1974	307.82	20.19	37.49	47.41	55.64	176.73
Northern Europe	1975	311.34	20.26	36.11	46.75	54.7	171.1
Northern Europe	1976	316.73	21.11	36.19	48.19	56.5	179.86
Northern Europe	1977	312.94	17.67	36.16	46.14	55.1	168.9
Northern Europe	1978	315.78	17.61	37.37	47.45	53.32	169.17
Northern Europe	1979	324.78	20.54	37.24	48.21	53.11	181.42
Northern Europe	1980	314.12	19.85	35.97	49.45	53.66	177.99
Northern Europe	1981	305.11	19.36	36.03	50.42	56.01	180.84
Northern Europe	1982	297.39	20.21	35.67	49.27	56.2	180.53
Northern Europe	1983	303.19	19.52	33.62	49.23	55	187.54
Northern Europe	1984	305.31	21.13	33.66	49.32	56.06	189.47
Northern Europe	1985	304.15	19.35	35.6	50.4	58.1	186.67
Northern Europe	1986	308.23	20.04	33.31	51.16	57.99	197.36
Northern Europe	1987	312.93	19.54	33.19	51.42	58.61	209.99
Northern Europe	1988	318.92	19.27	31.14	51.12	60.08	212.99

Northern Europe	1989	323.59	19.46	28.44	51.05	60.99	225.01
Northern Europe	1990	323.73	19.61	30	52.08	59.61	222.06
Northern Europe	1991	319.44	19.46	29.62	54.55	58.15	214.93
Northern Europe	1992	295.75	18.91	29.7	57.33	61.66	208.69
Northern Europe	1993	288.53	18.52	28.45	55.62	61.44	216.81
Northern Europe	1994	298.74	19.29	28.98	52.53	62.36	214.3
Northern Europe	1995	293.28	15.87	28.66	53.96	63.1	205.87
Northern Europe	1996	302.67	18.4	28.78	54.22	65.19	219.22
Northern Europe	1997	309.67	18.46	28.35	56.53	65.72	224.45
Northern Europe	1998	301.18	18.52	29.11	55.39	63.12	236.7
Northern Europe	1999	306.81	17.91	26.96	55.69	63.65	238.9
Northern Europe	2000	297.17	17.19	26.78	54.91	65.76	239.73
Northern Europe	2001	307.75	17.31	28.48	56.19	68.02	254.61
Northern Europe	2002	313.59	17.43	28.42	53.51	66.94	280.12
Northern Europe	2003	316.1	17.16	28.21	49.83	65.15	313.07
Northern Europe	2004	312.82	18.77	29.88	52.97	69.77	312.07
Northern Europe	2005	316.9	18.68	29.18	53.27	68.41	331.15
Northern Europe	2006	302.84	20.61	29.36	56.05	70.58	354.52
Northern Europe	2007	296.84	20.72	29.67	52.34	71.09	337.58
Northern Europe	2008	285.98	20.98	30.42	53.45	70.24	352.06
Northern Europe	2009	264.94	19.59	29.75	53.48	67.79	330.07
Northern Europe	2010	270.18	20.56	30.86	54.44	67.8	320.37
Northern Europe	2011	279.74	19.86	30.26	52.4	68.93	325.78
Northern Europe	2012	265.1	20.33	30.98	52.16	68.18	336.77
Northern Europe	2013	260.7	20.85	31.52	50.28	69.48	340.48
Northern Europe	2014	268.8219	19.58904	30.54795	37.80822	67.64384	220.1918
Northern Europe	2015	271.7534	18.35616	31.0411	36.84932	66.65753	220.1644
Northern Europe	2016	268.1918	19.69863	31.61644	35.89041	66	221.7808
Northern Europe	2017	260.3836	19.72603	31.86301	36.73973	66.52055	224.9315
Norway	1961	79.83	21.06	23.4	32.58	111.4	176.4
Norway	1962	78.68	23.92	23.92	39.53	109.19	208.02
Norway	1963	81.12	25.77	23.77	35.22	115.08	196.04
Norway	1964	80.64	25.24	23.54	41.47	111.1	201.36
Norway	1965	85.15	21.91	23.49	41.14	118.26	199.91
Norway	1966	86.37	25.97	25.53	49.24	113.77	211.92
Norway	1967	92.28	26.17	25.94	46.39	98.68	203.91
Norway	1968	101.19	25.64	26.6	48.2	112.49	224.83
Norway	1969	108.82	28.97	27.01	49.63	115.08	219.2
Norway	1970	113.6	27.79	26.12	54.68	118.61	216.14
Norway	1971	121.74	23.6	26.3	60.44	97.7	214.29
Norway	1972	125.11	28.94	26.63	62.12	119.44	230.65
Norway	1973	129.87	26.96	26.78	61.41	120.4	218.85
Norway	1974	135.77	27.3	26.02	54.4	118.71	241.3
Norway	1975	136.82	27.66	25.35	58.08	116.6	217.81
Norway	1976	138.97	28.25	26.31	59.05	107.41	249.53
Norway	1977	141.15	22.71	26.32	57.99	108.31	240.45
Norway	1978	140.56	27.82	27.18	55.55	111.56	247
Norway	1979	144.77	28.2	27.5	54.19	114.31	237.6
Norway	1980	153.82	27.79	28.6	57.7	119.14	236.15

Norway	1981	159.5	29.27	30.51	54.69	116.48	256.51
Norway	1982	146.17	29.18	31.98	55.05	119.61	258.22
Norway	1983	143.7	30.36	32.11	52.67	117.05	255.6
Norway	1984	146.45	30	32.35	52.15	114.62	262.67
Norway	1985	151.64	29.13	32.72	51.52	118.29	271.12
Norway	1986	161.26	29.28	33.23	51.26	116.51	281.51
Norway	1987	166.62	29.27	33.9	51.29	121.49	297.29
Norway	1988	166.88	27.16	32.55	48.94	116.03	281.33
Norway	1989	170.21	29.74	30.14	48.8	119.15	284.42
Norway	1990	168.82	29.51	29.91	52.33	122.48	273.61
Norway	1991	169.78	29.79	29.47	56.31	121.98	257.62
Norway	1992	162.31	29.16	29.76	57.88	121.44	263.4
Norway	1993	159.17	27.44	28.91	57.11	122.15	285.96
Norway	1994	166.78	31.53	28.01	54.72	137.03	276.6
Norway	1995	168.71	25.64	28.85	53.69	138.44	269.79
Norway	1996	175.02	28.35	29.73	52.25	145.27	276.58
Norway	1997	181.93	28.03	29.08	54.77	143.28	283.63
Norway	1998	179.68	28.47	27.55	59.93	144.98	285.56
Norway	1999	182.16	31.69	27.24	61.88	133.23	295.75
Norway	2000	183.39	27.13	26.06	57.94	136.52	299.02
Norway	2001	187.87	29.08	25.25	61.18	135.3	299.14
Norway	2002	192.46	28.98	26.7	63.12	137.32	336.48
Norway	2003	192.01	30.12	27.94	65.18	130.43	343.64
Norway	2004	209.35	28.45	28.52	70.01	142.05	360.49
Norway	2005	205.31	29.48	27.61	74.68	143.51	363.77
Norway	2006	208.36	28.91	28.21	66.17	140.62	370.71
Norway	2007	210.29	30.4	29.42	65.64	143.06	393.19
Norway	2008	211.38	28.68	29.84	64	146.24	408.31
Norway	2009	205.68	29.03	30.07	63.98	145.67	356
Norway	2010	200.94	30.05	30.07	63.05	148.28	351.67
Norway	2011	194.98	31.12	30.29	63.31	145.96	380.47
Norway	2012	189.83	28.66	32.36	61.95	145.05	387.9
Norway	2013	189.14	29.67	31.25	61.02	142.7	388.8
Norway	2014	190.9041	28.08219	31.36986	45.56164	139.3151	226.6301
Norway	2015	191.6986	28.24658	31.0137	46.08219	137.0959	221.0411
Norway	2016	191.2603	28.16438	31.45205	46.35616	140.9315	221.2603
Norway	2017	190.8493	28.16438	31.72603	49.45205	140.7123	221.0411
Oceania	1961	280.27	12.83	33.07	17.8	40.83	222.72
Oceania	1962	283.12	12.41	32.59	18.55	38.43	222.66
Oceania	1963	290.41	11.1	32.25	19.43	32.23	235.99
Oceania	1964	299.43	11.43	32.98	18.31	39.55	234.65
Oceania	1965	299.94	11.71	33.38	19.43	40.01	235.55
Oceania	1966	300.22	10.95	33.33	20.64	44.14	228.65
Oceania	1967	308.18	10.8	33.91	21.17	42.29	237.75
Oceania	1968	316.89	10.38	33.85	22.92	40.48	236.01
Oceania	1969	325.88	11.19	33.39	23.35	38.89	244.65
Oceania	1970	337.7	10.75	33.62	25.17	39.56	251.28
Oceania	1971	345.75	10.66	33.42	25.98	43.63	259.2
Oceania	1972	348.41	10.66	34.27	28.95	37.52	255.84

Oceania	1973	360.92	10.34	31.77	28.98	41.17	248.76
Oceania	1974	384.73	10.35	32.6	30.62	46.6	230.29
Oceania	1975	392.32	10.57	33.78	30.31	41.32	253.57
Oceania	1976	383.18	9.91	31.83	30.7	40.93	246.99
Oceania	1977	385.58	10.83	31.95	34.76	43.6	236.43
Oceania	1978	394.27	8.91	33.14	36.36	43.45	228.47
Oceania	1979	384.45	10.34	32.29	37.47	40.52	243.47
Oceania	1980	379.86	11.98	31.48	39.55	44.02	258.93
Oceania	1981	384.8	10.78	32.35	38.91	47.32	250.62
Oceania	1982	378.62	11.74	32.14	40.97	50.9	241.78
Oceania	1983	372.45	11.41	31.71	41.38	46.39	246.62
Oceania	1984	355.29	11.23	28.93	37.49	51.14	257.84
Oceania	1985	354.15	11.72	27.38	39.93	51.54	274.74
Oceania	1986	353.43	11.06	27.03	43.28	51.3	265.95
Oceania	1987	344.17	10.74	26.1	46.32	55.78	274.51
Oceania	1988	336.51	11.31	25.75	47.7	54.27	264.83
Oceania	1989	338.29	11.12	26.08	49.39	57.02	275.04
Oceania	1990	331.83	10.87	28.69	51.81	60	268.89
Oceania	1991	320.79	10.7	25.07	51.98	59.53	251.56
Oceania	1992	314.51	10.98	21.96	54.77	61.24	261.85
Oceania	1993	301.98	11.22	21.91	53.39	58.73	282.22
Oceania	1994	294.78	11.87	18.54	49.68	59.86	273.77
Oceania	1995	287.99	14.35	17.76	48.93	58.83	261.57
Oceania	1996	284.56	12.7	17.32	49.94	60.05	258.01
Oceania	1997	283.2	11.38	17.41	52.21	62.33	274.35
Oceania	1998	281.93	11.31	18.12	51.52	62.2	263.06
Oceania	1999	281.39	12.48	18.11	54.86	62.69	267.68
Oceania	2000	279.67	10.4	17.03	54.12	63.44	280.87
Oceania	2001	280.4	10.31	17.13	57.59	64.68	290.32
Oceania	2002	273.76	11.06	16.65	53.11	67.33	285.28
Oceania	2003	271.97	11.03	15.3	52.33	71.53	298.89
Oceania	2004	274	11.84	15.34	57.74	77.8	297.43
Oceania	2005	277.44	14.75	16.09	56.3	73.73	316.03
Oceania	2006	272.69	14.42	19.45	59.87	73.09	294.7
Oceania	2007	270.21	14.4	17.75	59.32	75.65	313.69
Oceania	2008	260.48	14.77	17.8	58.42	75.64	307.49
Oceania	2009	269.73	15.67	17.06	63.14	72.8	296.63
Oceania	2010	252.6	16.03	18.32	61.97	76.24	299.4
Oceania	2011	260.25	16.19	19.42	64.01	74.83	280.91
Oceania	2012	261.89	19.32	19.95	65.05	73.78	275.19
Oceania	2013	268.86	18.08	23.08	62.96	74.3	272.35
Oceania	2014	261.9726	23.20548	21.0411	58.87671	74.65753	218.9041
Oceania	2015	256.9863	24.73973	20.57534	57.94521	71.0137	214.6027
Oceania	2016	250.3014	22.68493	21.75342	59.67123	72.41096	230.5753
Oceania	2017	245.5616	16.41096	21.9726	58.38356	72.9863	222.6849
Oman	1990	7.77	4.89	17.75	25.51	61.93	296.82
Oman	1991	9.85	6.91	16.28	33.08	63.19	338.74
Oman	1992	9.43	7.35	16.23	31.58	67.17	362.55
Oman	1993	9.61	5.65	16.76	30.87	63.23	368.7

Oman	1994	9.22	6.69	17.76	33.43	64.42	332.63
Oman	1995	8.81	6.94	17.31	36.03	67.96	331.38
Oman	1996	10.19	6.28	15.87	35.09	69.39	338.29
Oman	1997	10.55	6.77	17.93	32.94	73.1	311.52
Oman	1998	9.78	8.46	18.77	31.32	73.72	364.99
Oman	1999	7.98	8.01	18.55	32.36	72.41	397.49
Oman	2000	10.32	8.02	18.36	30.14	73.05	416.9
Oman	2001	9.5	10.12	20.4	29.26	73.51	442.32
Oman	2002	11.94	8.64	19.68	27.77	73.7	482.86
Oman	2003	9.51	12.03	18.06	28.93	74.63	474.49
Oman	2004	9.51	10.59	18.13	28.84	74.17	504.59
Oman	2005	11.25	10.02	19.31	28.26	74.51	526.47
Oman	2006	12.96	9.28	20.2	29.67	76.9	558.81
Oman	2007	13.64	10.12	26.16	29.62	77.87	585.01
Oman	2008	15.52	9.11	19.63	29.75	78.98	595.1
Oman	2009	13.46	8.06	19.11	29.48	80.55	700.01
Oman	2010	13.17	8.62	18.67	30.23	76.09	731.57
Oman	2011	13.42	8.16	20.26	31.64	73.78	693.22
Oman	2012	13.67	8.53	23.68	33.5	67.36	751.95
Oman	2013	10.98	9.22	21.36	34.18	61.47	638
Oman	2014	11.64384	6.493151	20.52055	28.76712	74.82192	386.274
Oman	2015	11.0137	6.082192	22.87671	25.78082	76.63014	376.8219
Oman	2016	9.09589	5.726027	21.56164	29.39726	77.36986	384.0822
Oman	2017	10.19178	5.424658	22.32877	26	78.19178	384.0274
Pakistan	1961	0.21	0.94	0.37	6.84	2.82	59.83
Pakistan	1962	0.2	0.73	0.36	7.73	2.65	66.89
Pakistan	1963	0.22	0.88	0.36	8.57	3.39	63.58
Pakistan	1964	0.25	1.13	0.41	9.32	4.08	70.65
Pakistan	1965	0.3	1.49	0.41	9.91	4.13	77.51
Pakistan	1966	0.23	1.15	0.41	10.2	4.88	74.1
Pakistan	1967	0.2	1.11	0.43	8.77	4.61	85.81
Pakistan	1968	0.22	1.24	0.46	9.26	4.3	82.39
Pakistan	1969	0.21	1.34	0.48	9.65	4.67	69.8
Pakistan	1970	0.21	1.39	0.51	9.83	3.54	72.75
Pakistan	1971	0.21	1.45	0.79	10.62	3.75	72.43
Pakistan	1972	0.14	1.45	0.94	11.53	3.48	78.51
Pakistan	1973	0.13	1.66	1.07	12.58	3.45	77.46
Pakistan	1974	0.12	1.61	1.33	14.5	3.47	79.4
Pakistan	1975	0.13	2.08	1.44	16.47	3.76	80.12
Pakistan	1976	0.14	2.1	1.82	16.63	4.82	77.84
Pakistan	1977	0.15	2.36	2.04	18.56	6.06	73.76
Pakistan	1978	0.21	2.1	2.3	19.27	6.38	79.1
Pakistan	1979	0.26	2.23	2.57	21.23	5.05	78.51
Pakistan	1980	0.26	2.15	2.89	21.83	4.54	80.5
Pakistan	1981	0.26	2.22	3.25	22.5	5.58	91.13
Pakistan	1982	0.24	2.26	3.63	24.95	5.46	95.46
Pakistan	1983	0.28	2.57	3.99	26.55	5.23	94.79
Pakistan	1984	0.32	2.94	4.37	23.49	5.25	96.41
Pakistan	1985	0.3	2.53	4.21	22.87	5.73	96.83

Pakistan	1986	0.33	2.45	3.96	23.77	5.41	98.45
Pakistan	1987	0.27	2.64	4.19	24.55	5.45	92.31
Pakistan	1988	0.28	2.48	4.45	30.61	5.52	92.26
Pakistan	1989	0.3	2.78	4.49	27.08	5.31	91.79
Pakistan	1990	0.35	2.75	4.75	28.58	5.74	91.79
Pakistan	1991	0.34	2.66	4.46	28.41	6.11	88.59
Pakistan	1992	0.37	2.76	4.76	32.99	6.22	88.94
Pakistan	1993	0.36	3.11	4.85	34.42	7.37	101.18
Pakistan	1994	0.33	2.85	5.18	31.49	6.22	106.03
Pakistan	1995	0.34	2.67	5.1	35.42	5.93	106.83
Pakistan	1996	0.35	2.74	4.8	34.42	5.78	105.81
Pakistan	1997	0.24	2.08	4.87	29.82	6.29	103.09
Pakistan	1998	0.29	2.54	4.63	30.48	6.73	101.58
Pakistan	1999	0.26	2.51	5.47	33.23	7.18	93.94
Pakistan	2000	0.3	2.34	5.68	32.23	6.55	93.39
Pakistan	2001	0.21	2.16	5.69	32.2	5.86	90.52
Pakistan	2002	0.16	1.95	5.68	34.16	5.89	86.29
Pakistan	2003	0.13	2.08	5.8	36.89	5.26	86.35
Pakistan	2004	0.12	2.2	5.75	33.4	5.45	90.43
Pakistan	2005	0.12	2.38	5.98	35.57	4.78	104.33
Pakistan	2006	0.11	2.22	6.65	36.65	5.6	101.21
Pakistan	2007	0.12	1.89	6.83	38.75	5.25	90.8
Pakistan	2008	0.09	1.67	7.03	40.17	5.15	100.78
Pakistan	2009	0.09	1.56	7.23	39.91	5.17	91.33
Pakistan	2010	0.08	1.54	7.47	38.82	5.31	90.18
Pakistan	2011	0.08	1.95	7.93	40.3	5.45	86.27
Pakistan	2012	0.07	1.85	7.91	40.59	5.36	82.96
Pakistan	2013	0.06	1.84	8.08	40.4	5.26	81.1
Pakistan	2014	0.054795	2.109589	8.383562	14.21918	5.013699	66.60274
Pakistan	2015	0.109589	2.219178	8.547945	13.80822	5.150685	66.60274
Pakistan	2016	0.136986	2.438356	8.90411	13.15068	5.068493	63.86301
Pakistan	2017	0.191781	13.56164	9.205479	12.9589	4.739726	62.60274
Panama	1961	63.2	11.06	11.93	17.69	17.99	305.71
Panama	1962	66.15	6.2	12.07	18.95	21.5	303.6
Panama	1963	66.6	9	13.1	19.55	20.03	304.97
Panama	1964	66.31	6.15	10.35	19.14	18.62	307.94
Panama	1965	69.31	8.3	10.23	18.16	20.93	307.37
Panama	1966	70.67	8.93	10	18.62	24.03	307.02
Panama	1967	72.1	8.95	10.87	20.13	17.66	328.82
Panama	1968	68.46	7	10.56	22.36	16.81	347.04
Panama	1969	76.44	7.35	12.91	21.88	25.04	347.11
Panama	1970	77.1	5.41	10.71	17.04	29.12	342.36
Panama	1971	78.28	6.35	14.58	20.86	27.34	342.35
Panama	1972	58.76	4.45	17.88	22.78	30.23	339.43
Panama	1973	69.79	4.46	19.3	23.21	34.41	331.99
Panama	1974	75.66	5.13	15.49	25.04	41.33	343.62
Panama	1975	78.95	5.23	16.96	25.38	47.23	332.39
Panama	1976	78.73	4.42	18.94	27.2	45.95	325.32
Panama	1977	65.34	6.48	16.58	27.66	45.51	316.72

Panama	1978	76.13	5.61	20.07	27.81	45.19	302.34
Panama	1979	91.68	4.82	18.51	28.63	44.03	307.33
Panama	1980	103.96	5.93	10.41	30.1	40.72	218.84
Panama	1981	105.68	2.9	9.82	29.42	27.86	201.7
Panama	1982	106.24	5.31	10.15	33.2	32.25	207.84
Panama	1983	102.44	4.31	11.24	34.94	26.92	199.14
Panama	1984	104.88	8.08	10.13	37.85	27.16	216.7
Panama	1985	108.98	5.24	9.48	36.46	31.47	221.06
Panama	1986	121.54	3.88	9.84	40.04	40.87	196.17
Panama	1987	128.85	3.24	10.99	34.54	36.98	280.95
Panama	1988	108.1	1.35	9.72	30.69	25.61	267.23
Panama	1989	125.03	4.58	9.83	33.86	31.8	279.26
Panama	1990	137.43	4.08	9.74	43.52	29.41	257.38
Panama	1991	140.81	5.52	10.13	39.23	44.64	196.57
Panama	1992	131.05	3.74	10.61	37.41	48.64	220.32
Panama	1993	132.09	7.91	10.92	37.74	36.72	204.54
Panama	1994	137.91	5.15	8.59	35.26	36.73	206.73
Panama	1995	136.67	4.02	9.02	37.74	33.19	228.98
Panama	1996	131.43	3.25	9.56	39.71	30.93	238.9
Panama	1997	139.18	4.61	11.36	40.48	26.18	205.44
Panama	1998	150.73	3.25	10.28	41.52	24.91	198.57
Panama	1999	152.4	3.67	7.45	43.05	22.31	217.23
Panama	2000	142.74	3.81	6.62	34.55	28.99	243.22
Panama	2001	129.29	8.13	16.28	33.69	34.17	211.22
Panama	2002	133.32	6.23	16.57	32.92	34.56	231.63
Panama	2003	140.19	5.96	16.09	31.78	33.88	230.06
Panama	2004	147.27	7.54	15.51	30.74	29.53	250.76
Panama	2005	147.58	7.51	17.14	30.69	36.77	228.96
Panama	2006	156.29	7.2	14.99	30.93	37.79	231.33
Panama	2007	175.13	7.13	16.07	30.88	37.32	256.5
Panama	2008	196.49	7.89	13.03	33.18	38.57	248.02
Panama	2009	209.54	9.41	12.7	35.38	38.42	242.64
Panama	2010	202.64	7.93	12.74	37.81	37.58	248.38
Panama	2011	218.19	7.14	12.81	39.92	36.87	227.54
Panama	2012	230.1	7.96	12.64	41.53	36.24	257.91
Panama	2013	225.62	8.22	12.42	40.47	35.66	253.25
Panama	2014	242.2466	3.369863	16.41096	33.53425	37.94521	226.3562
Panama	2015	238.3836	4.30137	16.08219	32.0274	37.34247	212.3562
Panama	2016	230.8767	3.780822	16.10959	31.86301	36.68493	225.3151
Panama	2017	236.6575	4.60274	16.46575	31.80822	36.0274	248.2192
Paraguay	1961	26.31	9	13.38	20.47	0.84	422.28
Paraguay	1962	28.42	13.78	13.39	21.35	0.82	459.45
Paraguay	1963	31.09	16.3	13.33	19.43	0.93	507.85
Paraguay	1964	29.8	15.07	13.24	25.41	0.9	501.06
Paraguay	1965	30.47	14.71	13.16	25.69	0.88	537.94
Paraguay	1966	32.55	17.19	13.41	24.35	0.86	505.68
Paraguay	1967	33.86	17.66	13.78	23.24	0.95	507.29
Paraguay	1968	31.03	18.15	13.71	24.67	1.16	507.14
Paraguay	1969	34.35	18.06	13.82	26.16	1.58	510.67



Paraguay	1970	40.26	18.87	13.9	25.23	1.98	519.88
Paraguay	1971	38.16	18.5	13.52	26.95	2.37	520.2
Paraguay	1972	39.36	18.56	14	25.75	2.63	493.17
Paraguay	1973	43.29	18.89	14.04	24.75	2.77	514.87
Paraguay	1974	50.76	18.63	15.83	24.24	2.7	491.22
Paraguay	1975	54.04	20.04	16.12	25.75	2.73	452.71
Paraguay	1976	53.4	18.74	16.63	26.27	2.76	500.52
Paraguay	1977	69.32	20.78	17.16	28.14	2.79	502.46
Paraguay	1978	78.58	25.07	18.4	26.32	2.8	484.96
Paraguay	1979	89.05	24.63	20.53	31.87	2.77	446.86
Paraguay	1980	92.09	27.04	21.54	38.73	3.18	424.31
Paraguay	1981	84.75	36.44	21.79	27.79	3.14	424.6
Paraguay	1982	88.32	41.99	21.7	31.46	2.97	412.37
Paraguay	1983	84.35	41.83	21.68	31	3.05	386.88
Paraguay	1984	90.56	43.02	21.73	29.84	4.19	399.44
Paraguay	1985	88.57	41.9	21.78	44.29	5.82	406.84
Paraguay	1986	96.99	35.02	21.57	27.04	9.46	383.16
Paraguay	1987	95.96	30.71	21.62	31.7	7.19	355.19
Paraguay	1988	91.94	27.06	21.7	30.93	7.1	286.32
Paraguay	1989	96.5	31.75	21.81	29.78	7.74	288
Paraguay	1990	97.85	38.69	20.26	31.57	8.46	285.24
Paraguay	1991	109.96	42.35	21.36	34.12	8.89	294.15
Paraguay	1992	108.46	38.22	23.62	34.19	11.64	291
Paraguay	1993	143.67	36.77	21.52	33.5	12.51	290.46
Paraguay	1994	162.75	37.18	25.85	34.64	13.21	269.75
Paraguay	1995	178.97	37.45	21.46	30.2	13.27	248.39
Paraguay	1996	167.83	39.84	22.33	33.16	14.09	234.33
Paraguay	1997	160.34	40.09	22.82	31.44	16.76	238.94
Paraguay	1998	165.38	37.29	24.95	35.46	16.09	238.6
Paraguay	1999	162.83	35.61	37.28	41.85	15.35	252.43
Paraguay	2000	149.94	32.18	32.92	49.56	15.06	230.74
Paraguay	2001	159.97	34.98	44.39	47.48	13.58	224.5
Paraguay	2002	139.5	63.9	43.92	48.6	12.86	229.89
Paraguay	2003	148.6	42.26	46.64	53.48	12.25	251.41
Paraguay	2004	141.46	37.33	46.97	48.79	12.18	236.93
Paraguay	2005	144.18	38.58	47.05	47.66	11.68	241.63
Paraguay	2006	109.01	43.91	49.16	49.8	11.04	232.73
Paraguay	2007	112.69	42.48	52.07	47.93	10.93	220.43
Paraguay	2008	120.21	36.2	53.15	48.82	10.75	202.36
Paraguay	2009	106.14	35.15	53.36	49.41	10.29	206.11
Paraguay	2010	113.2	36.85	52.79	50.15	10.19	214.08
Paraguay	2011	119.78	37.13	52	49.95	10.45	196.59
Paraguay	2012	119.75	24.94	51.68	49.53	10.28	206.98
Paraguay	2013	112.13	34.84	51.59	47.99	10.11	200.72
Paraguay	2014	132.5479	37.45205	54.90411	47.83562	11.50685	206.8493
Paraguay	2015	132.5479	37.78082	33.0411	46.43836	11.23288	202.8219
Paraguay	2016	138.0548	38.79452	32.90411	46.60274	10.84932	193.5068
Paraguay	2017	140.6575	39.58904	33.09589	47.12329	11.42466	200.1644
Peru	1961	65.12	1.95	4.14	21.71	36.34	199.3

Peru	1962	67.44	1.97	4.13	21.25	35.53	227.75
Peru	1963	63.33	1.65	4.29	18.38	30.55	224.61
Peru	1964	62.75	1.64	4.41	21.06	27.69	216.24
Peru	1965	67.21	2.27	3.78	17.02	22.24	241.73
Peru	1966	74.75	2.19	3.92	22.45	29.36	297.67
Peru	1967	68.76	2.13	4.34	15.54	37.96	300.02
Peru	1968	71.52	2.25	4.35	22	29.79	289.91
Peru	1969	70.7	2.3	4.53	18.95	30.12	320.94
Peru	1970	69.86	2.28	4.85	14.08	31.25	321.44
Peru	1971	80.89	2.76	5.05	13.86	34.58	314.75
Peru	1972	79.05	3.34	5.77	16.79	36.27	273.45
Peru	1973	86.4	3.71	6.45	17.58	65.41	266.55
Peru	1974	91.12	3.83	6.96	16.17	47.74	264.66
Peru	1975	97.28	3.51	7.44	14.85	40.88	240.84
Peru	1976	108.82	3.42	7.95	16.19	43.14	235.39
Peru	1977	99.64	3.59	7.83	14.24	51.48	235.02
Peru	1978	84.41	3.72	7.97	13.84	57.83	221.71
Peru	1979	92.43	4.66	7.42	16.26	74.26	210.91
Peru	1980	102.22	6.68	7.04	21.13	73.75	140.25
Peru	1981	97.88	5.46	7.26	23.82	56.58	139.32
Peru	1982	100.42	5.59	7.12	26.89	43.55	139.21
Peru	1983	95.99	4.6	7.37	33.1	30.14	122.56
Peru	1984	94.9	4.17	6.97	27.66	47.98	135.67
Peru	1985	94.73	4.53	8.34	29.78	47.28	138.08
Peru	1986	118.04	3.13	10.2	27.99	72.8	140.96
Peru	1987	132.22	4.02	9.88	31.45	66.44	148.56
Peru	1988	107.1	6.64	11.82	32.75	61.09	155.66
Peru	1989	85.6	2.68	9.55	23.89	75.29	156.39
Peru	1990	76.14	1.77	9.51	23.47	75.06	132.88
Peru	1991	85.38	1.69	11.21	25.79	45.21	145.78
Peru	1992	96.42	1.92	9.72	25.3	46.63	128.39
Peru	1993	93.4	4.49	9.62	24.72	49.13	136.51
Peru	1994	102.26	3.68	10.23	27.95	51.61	160.69
Peru	1995	102.32	3.02	9.47	27.75	62.03	190.11
Peru	1996	94.82	1.67	11.06	28.41	60.6	206.88
Peru	1997	93.33	4.8	11.56	25.31	60.92	219.2
Peru	1998	82.17	3.74	11.23	24.24	51.17	214.26
Peru	1999	76.66	2.99	12.69	25.89	52.14	225.45
Peru	2000	75.59	5.58	12.5	25.88	58.22	231.73
Peru	2001	68.74	4.41	11.12	26.03	61.57	237.44
Peru	2002	75	5.25	12.7	25.88	49.96	238.24
Peru	2003	76.39	5.92	12.86	19.62	54.6	248.01
Peru	2004	75.88	4.16	12.43	20.41	54.42	249.68
Peru	2005	84.6	5.34	12.69	18.61	51.04	248.78
Peru	2006	92.36	4.15	16.72	19.07	56.29	256.2
Peru	2007	102.81	5.56	17.5	19.97	60.91	258.79
Peru	2008	118.14	5.04	18.11	23.33	60.52	278.41
Peru	2009	116.62	4.39	17.92	23.57	61.02	275.63
Peru	2010	117.08	3.19	18.25	23.55	60.51	299.03

Peru	2011	121.09	3.39	21.12	23.45	62.22	305.45
Peru	2012	134.72	4.65	21.11	24.94	61.45	308.9
Peru	2013	143.95	2.17	23.99	26.08	60.66	329.96
Peru	2014	139.9726	4.30137	23.58904	20.41096	66.46575	353.0959
Peru	2015	136.5205	7.506849	23.94521	20.32877	68.71233	342.5753
Peru	2016	139.6712	4.273973	24.38356	20.41096	67.31507	352.6027
Peru	2017	147.2603	9.534247	24.52055	20	68.65753	330.3288
Philippines	1961	13.45	3.28	7.02	9.12	63.24	310.44
Philippines	1962	16.48	4.14	7.05	9.42	57.82	302.3
Philippines	1963	24.44	3.09	7.18	9.49	64.38	302.95
Philippines	1964	24.4	3.53	7.11	9.62	66.22	278.34
Philippines	1965	25.72	3.88	7.26	13.9	70.68	254.63
Philippines	1966	23.7	3.58	7.15	15.47	71.81	251.35
Philippines	1967	29.63	3.62	6.88	14.69	75.16	246.54
Philippines	1968	34.11	3.49	8.41	13.36	90.08	233.79
Philippines	1969	29.78	3.41	10.14	14.87	84.83	228.71
Philippines	1970	32.61	3.64	8.47	13.99	91.99	233.87
Philippines	1971	33.63	3.32	9.12	13.41	91.23	228
Philippines	1972	33.95	3.62	9.76	14.25	95	204.1
Philippines	1973	31.79	3.47	10.4	15.08	96.11	184.44
Philippines	1974	39.92	3.65	10.76	14.3	98.9	192.06
Philippines	1975	40.56	5.71	12.04	13.62	102.63	210.65
Philippines	1976	46.67	4.2	12.44	15.95	91.26	231.85
Philippines	1977	49.39	5.65	17.18	19.89	93.5	245.4
Philippines	1978	51.66	6.12	16.13	18.31	92	281.9
Philippines	1979	53.85	7.55	13.7	14.8	87.81	294
Philippines	1980	39.96	6.04	14.09	15.87	88.86	325.27
Philippines	1981	39.45	6.76	13.56	14.21	92.85	317.63
Philippines	1982	49.02	7.65	13.63	13.03	96.93	322.56
Philippines	1983	62.19	6.35	13.99	11.51	102.76	318.91
Philippines	1984	59.22	4.11	13.23	10.18	96.76	315.81
Philippines	1985	69.96	5.03	11.42	10.77	90.07	303.05
Philippines	1986	55.51	4.77	11.25	11.95	91.43	319.08
Philippines	1987	68.51	5.64	11.43	14.23	93.5	313.85
Philippines	1988	49.42	5.14	12.64	14.43	93.32	301.9
Philippines	1989	47.2	5.67	14.44	14.9	95.27	282.57
Philippines	1990	44.45	4.97	8.19	16.94	97.64	323.4
Philippines	1991	41.3	4.99	8.25	17.45	100.01	294.78
Philippines	1992	41.73	5.08	8.48	16.85	96.25	314.68
Philippines	1993	39.28	4.89	9.22	16.73	89.15	295.15
Philippines	1994	37.75	4.61	8.63	18.64	87.21	296.5
Philippines	1995	40.55	4.71	8.55	16.35	86.54	287.97
Philippines	1996	40.55	4.3	8.45	17.22	80.8	326.75
Philippines	1997	40.47	4.54	8.8	16.31	80.24	294.56
Philippines	1998	40.48	4.29	8.81	16.43	74.89	270.32
Philippines	1999	40.54	3.93	8.75	21.84	80.78	280.12
Philippines	2000	40.54	4.48	8.91	21.94	78.99	258.87
Philippines	2001	41.1	4.58	8.75	19.29	79.26	246.32
Philippines	2002	41.08	4.88	9	18.06	82.55	275.07

Philippines	2003	40.87	4.18	9.2	17.62	83.32	271.39
Philippines	2004	40.34	4.22	9.77	17.85	84.57	272.09
Philippines	2005	39.96	4.94	10.26	16.58	89.76	281.5
Philippines	2006	40.67	4.43	10.27	18.06	90.89	258.52
Philippines	2007	40.88	4.58	10.14	19.67	97.72	287.56
Philippines	2008	40.83	5.12	10.08	19.18	97.07	305.99
Philippines	2009	40.52	4.89	10.36	20.56	99.65	323.45
Philippines	2010	40.49	5.46	10.57	21.04	95.59	327.29
Philippines	2011	40.24	5.71	10.77	22.15	89.61	326.25
Philippines	2012	40.33	9.51	11.03	21.47	88.07	319.67
Philippines	2013	40.69	8.17	11.01	20.51	86.57	301.19
Philippines	2014	53.83562	8.520548	9.808219	21.75342	81.28767	280.137
Philippines	2015	49.45205	8.684932	9.780822	23.0411	81.86301	330.6575
Philippines	2016	56	14.63014	10.54795	21.0137	78.21918	314.5205
Philippines	2017	61.80822	17.20548	11.09589	22.32877	77.06849	281.9178
Poland	1961	77.53	14.08	22.61	34.86	18.18	49.86
Poland	1962	72.21	14.33	22.92	35.16	17.1	52.28
Poland	1963	78.72	14.48	22.47	35.77	20.85	49.76
Poland	1964	79.71	15.38	23.68	37.95	24.08	66.32
Poland	1965	80.68	15.53	24.9	38.04	24.47	63.81
Poland	1966	86.34	14.91	25.91	36.75	26.85	87.13
Poland	1967	93.38	15.18	26.3	37.58	25.46	83.39
Poland	1968	98.81	16.39	26.55	41.24	30.52	86.58
Poland	1969	104.09	17.54	28.11	42.26	29.39	78.33
Poland	1970	106.14	18.53	28.38	43.07	31.44	81.94
Poland	1971	113.1	19.66	29.53	41.14	33.07	78.3
Poland	1972	120.92	19.16	30.01	39.93	33.97	77.68
Poland	1973	129.8	19.92	30.61	41.31	36.06	81.6
Poland	1974	124.08	21.37	31.46	39.71	39.51	82.2
Poland	1975	128.84	23.52	32.02	39.55	45.68	84.82
Poland	1976	128.16	26.25	32.55	41.62	42.13	104.93
Poland	1977	127.51	27.17	32.59	42.55	35.4	122.14
Poland	1978	119.64	27.91	33.42	40.79	37.71	115.63
Poland	1979	117.34	26.9	33.43	41.53	32.7	115.55
Poland	1980	118.04	26.61	33.73	40.47	31.08	106.7
Poland	1981	104.36	23.2	34.71	40.05	33.82	89.71
Poland	1982	103.08	19.53	30.58	34.93	31.78	116.24
Poland	1983	101	22.21	30.59	34.55	36.5	103.55
Poland	1984	98.64	25.67	32.12	35.26	38.2	99.72
Poland	1985	110.12	24.57	33.68	37.58	38.79	78.37
Poland	1986	112.09	23.02	31.98	38.39	36.56	97.75
Poland	1987	114.8	23.47	30.42	39.61	39.36	51.39
Poland	1988	117.32	23.59	31.12	39.87	39.36	88.3
Poland	1989	117.27	23.01	29.64	41.67	34.77	86.61
Poland	1990	107.97	19.45	28.98	39.22	28.27	79.74
Poland	1991	120.21	23.07	26.82	41.87	25.14	107.46
Poland	1992	123.47	24.72	26.52	47.87	23.26	115.32
Poland	1993	112.85	25.99	24.07	49.46	21.68	127.31
Poland	1994	121.45	26.98	22.42	49.29	27.19	96.24

Poland	1995	126.67	26.25	23.51	50.03	29.04	116.23
Poland	1996	135.39	34.21	26.87	49.84	26.34	137.6
Poland	1997	156.22	38.29	29.04	49.37	28.79	125.4
Poland	1998	168.88	37.92	27.66	50.18	27.94	137.68
Poland	1999	185.96	46.82	28.4	49.47	24.12	140.69
Poland	2000	198.87	37.1	28.81	49.34	26.33	131.55
Poland	2001	197.81	31.59	30.42	50.29	26.69	150.57
Poland	2002	209.59	30.94	32.48	50.69	23.55	136.62
Poland	2003	219.27	31.67	32.03	47.94	24.09	136.42
Poland	2004	230.81	31.66	32.08	49.5	26.06	138.65
Poland	2005	242.26	31.75	32.16	50.27	26.68	143.06
Poland	2006	259.11	29.9	31.04	48.74	26.82	144.32
Poland	2007	278.6	27.27	31.6	47.33	29.83	127.7
Poland	2008	276.84	27.16	31.18	48.73	30.83	154.59
Poland	2009	270.05	30.05	30.17	51.81	33.05	153.41
Poland	2010	272.04	29.67	30.46	48.82	28.85	147.32
Poland	2011	282.03	28.45	25.99	51.09	26.39	150.83
Poland	2012	291.63	30.65	20.29	51.31	28.31	161.34
Poland	2013	289.01	28.13	20.64	54.13	29.1	168.08
Poland	2014	298.6575	27.47945	21.47945	20.84932	29.15068	162.8767
Poland	2015	307.8904	27.39726	19.9726	20.54795	29.20548	169.0959
Poland	2016	315.0685	29.94521	20.32877	20.71233	29.23288	185.2877
Poland	2017	319.8082	29.45205	18.54795	21.80822	29.26027	152.1644
Polynesia	1961	50.2	2.87	3.72	16.59	103.63	629.14
Polynesia	1962	46.69	4.33	3.36	15.8	105.48	614.04
Polynesia	1963	51.6	2.25	3.4	15.71	92.65	608.35
Polynesia	1964	73.6	4.27	3.83	14.91	97.76	622.41
Polynesia	1965	85.12	4.66	4.82	14.48	98.38	635.98
Polynesia	1966	120.57	6.8	6.97	13.62	102.13	708.89
Polynesia	1967	129.84	6.73	8.2	14.55	93.66	707.27
Polynesia	1968	134.19	7.91	8.42	10.13	103.62	738.89
Polynesia	1969	100.96	6.1	6.83	17	80.86	735.85
Polynesia	1970	123.43	6.89	10.73	17.86	90.41	768.23
Polynesia	1971	119.89	7.17	6.45	15.43	99.27	763.7
Polynesia	1972	103.04	4.5	5.02	16.77	92.45	775.18
Polynesia	1973	117.49	4.85	5.74	19.77	89.11	797.59
Polynesia	1974	129.35	5.17	6.12	18.88	91.19	799.87
Polynesia	1975	111.85	5.49	6.51	17.52	76.46	802.82
Polynesia	1976	125.05	4.24	6.69	18.02	98.4	781.55
Polynesia	1977	118.21	4.88	7.22	21.63	91.37	728.83
Polynesia	1978	109.69	4.94	7.76	20.91	86.34	717.16
Polynesia	1979	110.41	6.8	8.84	21.55	104.56	734.34
Polynesia	1980	103.01	6.96	8.52	19.02	100.29	692.93
Polynesia	1981	90.22	6.9	7.67	19.81	118.71	714.24
Polynesia	1982	113.96	4.18	8.33	20.71	109.55	666.8
Polynesia	1983	123.65	6.16	9.43	20	94.95	645.23
Polynesia	1984	127.64	6.78	9.48	20.43	102.58	643.67
Polynesia	1985	118.98	6.22	10.82	21.7	105.04	641.91
Polynesia	1986	124.59	4.88	10.6	21.39	92.6	621.14

Polynesia	1987	142.21	6.62	10.29	22.03	99.7	606.73
Polynesia	1988	132.26	5.25	9.94	21.41	104.38	606.78
Polynesia	1989	117.14	5.94	8.97	20.43	110.75	541.24
Polynesia	1990	113.67	5.03	9.67	23.55	110.18	528.52
Polynesia	1991	125.67	4.84	11.61	20.36	108.87	503.96
Polynesia	1992	121.88	4.79	11.82	23.67	110.41	480.6
Polynesia	1993	136.57	5.08	10.15	23.5	111.81	476.39
Polynesia	1994	121.48	5.09	9.66	25.59	116.6	446.42
Polynesia	1995	121.09	4.83	11.26	24.05	119.2	513.14
Polynesia	1996	124.36	6.42	9.43	26.4	134.35	515.93
Polynesia	1997	105.57	6.01	9.95	27.5	131.35	523.34
Polynesia	1998	108.99	6.61	10.53	29.93	137.04	530.48
Polynesia	1999	100.7	5.23	10.38	30.3	141.33	529.43
Polynesia	2000	125.5	6.02	9.25	34.3	139.12	532.65
Polynesia	2001	143.56	5.72	12.53	33.16	141.44	532.51
Polynesia	2002	148.92	8.12	14.62	34.34	139.62	534.33
Polynesia	2003	134.93	20.48	15.65	33.45	137.88	538.4
Polynesia	2004	132.86	18.91	16.04	35.78	133.23	551.61
Polynesia	2005	137.55	22.92	16.9	36.02	133.43	570.74
Polynesia	2006	140.91	22.73	17.49	34.88	133.3	585.67
Polynesia	2007	135.07	16.06	15.94	32.94	133.97	610.32
Polynesia	2008	135.22	13.89	18.31	34.15	133.68	625.07
Polynesia	2009	132.08	13.1	19.14	36.17	133.4	615.26
Polynesia	2010	133.16	12.37	19.91	37.37	132.15	604.46
Polynesia	2011	141.55	15.45	18.56	36.15	131.1	591.94
Polynesia	2012	129.05	8.37	17.63	38.58	132.03	620.65
Polynesia	2013	123.37	10.42	16.8	39.37	130.89	622.85
Polynesia	2014	132.4932	5.726027	19.75342	36.71233	133.6712	577.589
Polynesia	2015	127.2329	6.027397	16.16438	36.79452	131.8904	569.2329
Polynesia	2016	130.1644	5.917808	14.16438	35.80822	132.4658	560.137
Polynesia	2017	128.9863	5.561644	14.21918	35.83562	131.1233	561.6164
Portugal	1961	224.46	4	8.92	31.12	152.78	223.43
Portugal	1962	221.35	3.92	8.87	30.38	150.87	208.83
Portugal	1963	285.54	4.29	8.86	31.02	153.49	223.3
Portugal	1964	206.27	3.48	8.94	32.82	163.93	237.39
Portugal	1965	223.19	4.23	9.09	50.66	154.58	243.54
Portugal	1966	290.58	4.13	9.31	46.7	151.73	182.82
Portugal	1967	302.78	4.74	9.54	49.91	195.82	198.7
Portugal	1968	315.13	5.4	9.8	48.51	159.11	164.02
Portugal	1969	341.62	5.93	9.8	50.16	178.65	172.67
Portugal	1970	272.04	5.64	9.94	46.05	181.45	201.36
Portugal	1971	383.55	6.59	9.8	46.83	178.41	209.49
Portugal	1972	292.8	7.25	9.52	49.36	176.64	210.68
Portugal	1973	310.66	6.74	9.98	49.18	143.55	195.16
Portugal	1974	332.42	6.55	10.45	52.13	142	201.86
Portugal	1975	343.09	4.88	10.91	51.74	119.42	201.51
Portugal	1976	390.17	6.24	10.58	53.85	114.51	185.77
Portugal	1977	358.31	3.74	12.14	56.7	103.01	137.85
Portugal	1978	297.88	3.2	13.26	55.86	75.09	130.58

Portugal	1979	296.53	3.93	14.56	55.54	69.78	136.23
Portugal	1980	338.35	3.68	14.57	52.76	78.87	144.51
Portugal	1981	378.24	4.22	14.76	51.88	81.6	130.7
Portugal	1982	345.55	5.75	16.1	54.93	82.15	152.66
Portugal	1983	350.18	5.23	14.55	55.24	108.96	150.46
Portugal	1984	328.16	5.61	12.88	56.11	121.3	136.89
Portugal	1985	338.58	6.52	17.36	59.27	150.54	146.67
Portugal	1986	310.56	5.83	17.34	59.78	151.79	192.95
Portugal	1987	339.72	7.23	17	64.8	157.43	251.04
Portugal	1988	327	7.1	17.33	71.05	162.31	217.99
Portugal	1989	365.44	7.69	18.58	69.18	162.73	258.99
Portugal	1990	370.47	8.75	18.84	74.06	163.26	283.37
Portugal	1991	359.97	8.95	23	71.38	169.67	268.76
Portugal	1992	339.57	9.54	23.34	68.58	158.36	290.48
Portugal	1993	354.96	10.76	23.93	70.78	161.56	293.64
Portugal	1994	355.53	10.61	25.63	70.5	158.06	282.21
Portugal	1995	359.39	9.55	23.03	69.41	157.3	330
Portugal	1996	347.02	10.73	23.25	73.59	169.98	294.13
Portugal	1997	340.41	9.92	23.2	69.18	155.63	300.01
Portugal	1998	344	10.89	25.23	68.7	167.69	310.86
Portugal	1999	339.92	12.91	24.55	70.87	164.76	345.99
Portugal	2000	327.91	11.8	26.1	71.37	146.74	327.29
Portugal	2001	309.84	11.82	28.31	71.12	151.03	319.19
Portugal	2002	334.05	11.95	27.07	71.56	150.57	322.7
Portugal	2003	333.24	12.04	26.32	72.97	144.88	301.05
Portugal	2004	338.79	12.46	27.38	70.85	147.8	355.01
Portugal	2005	333.6	11.93	25.78	72.45	149.83	316.58
Portugal	2006	332.18	12.53	25.23	72.5	155.56	330.86
Portugal	2007	307.54	12.7	26.72	71.75	164.74	322.08
Portugal	2008	295.92	12.44	26.38	76.7	154.94	322.31
Portugal	2009	288.51	11.86	25.7	76.45	156.79	329.89
Portugal	2010	309.05	12.36	27.38	77.08	154.61	300.16
Portugal	2011	288.66	14.04	25.13	77.95	153.23	310.37
Portugal	2012	281.67	15.26	24.31	81.65	144.12	298.36
Portugal	2013	262.08	16.19	24.78	78.05	147.31	348.74
Portugal	2014	266.9041	15.34247	23.53425	52.10959	145.6712	300.6575
Portugal	2015	267.1781	15.64384	22.13699	54.57534	144.2466	293.8356
Portugal	2016	267.6986	15.80822	22.27397	48.57534	157.1507	332.411
Portugal	2017	267.7808	16.52055	23.12329	50.76712	155.7534	375.8082
Republic of Korea	1961	3.37	53.13	3.86	2.16	36.2	14.23
Republic of Korea	1962	2.75	62.25	4.3	2.29	37.52	18.07
Republic of Korea	1963	2.95	53	4.82	2.44	41.95	16.13
Republic of Korea	1964	4.03	45.82	5.18	2.53	44.36	20.14
Republic of Korea	1965	6.5	51.57	5.82	2.76	48.3	26.92
Republic of Korea	1966	6.71	66.71	5.75	3.21	49.78	28.11
Republic of Korea	1967	9.65	76.3	6.3	3.71	53.49	30.07
Republic of Korea	1968	8.14	71.35	6.57	4.81	56.77	32.15
Republic of Korea	1969	9.41	80.45	10.46	6.67	56.76	33.48
Republic of Korea	1970	12.4	97.47	10.32	6.81	50.69	33.65

Republic of Korea	1971	14.88	127.61	11.05	8.24	64.92	32.12
Republic of Korea	1972	12.86	137.5	11.9	8.27	83.61	37.59
Republic of Korea	1973	16.4	154.58	11.38	7.91	94.82	41.34
Republic of Korea	1974	19.8	154.69	12.44	8.65	107.67	43.04
Republic of Korea	1975	22.96	143.25	12.83	10.35	107.77	40.11
Republic of Korea	1976	24.13	154.08	13.28	13.24	123.93	43.32
Republic of Korea	1977	28.63	161.61	15.2	13.53	100.58	55.26
Republic of Korea	1978	43.06	136.18	15.06	14.54	104.91	58.38
Republic of Korea	1979	56.59	135.54	16.64	14.81	114.74	65.35
Republic of Korea	1980	51.55	143.71	17.88	15.1	114.17	63.61
Republic of Korea	1981	53.14	138.59	17.52	16.61	126.53	73.15
Republic of Korea	1982	55.14	133.46	17.85	17.2	126.44	82.85
Republic of Korea	1983	60.47	102.54	19.39	17.94	124.05	93.81
Republic of Korea	1984	64.09	102.52	19.31	19.33	129.1	82.46
Republic of Korea	1985	64.65	97.94	19.54	21.43	131.9	96.37
Republic of Korea	1986	64.86	100.65	20.18	21.94	139.13	93.65
Republic of Korea	1987	69.62	100.36	21.76	22.72	137.15	104.24
Republic of Korea	1988	80.22	97.11	23.6	23.95	132.39	114.72
Republic of Korea	1989	90.59	90.9	22.39	24.88	133.31	148.54
Republic of Korea	1990	94.95	87.73	23.06	26.13	130.36	128.76
Republic of Korea	1991	111.44	79.63	24.37	30.25	117.32	156.63
Republic of Korea	1992	109.11	78.75	24.23	28.79	130.42	170.97
Republic of Korea	1993	106.49	72.56	25.27	27.14	139.85	159.43
Republic of Korea	1994	117.98	73.63	24.74	32.28	141.77	166.72
Republic of Korea	1995	119.62	69.17	25.3	27.19	140.73	190.67
Republic of Korea	1996	115.78	69.39	26.14	32.03	143.59	173.86
Republic of Korea	1997	113.7	72.82	26.45	34.28	140.54	191.14
Republic of Korea	1998	96.39	73.07	25.15	37.9	119.06	157.56
Republic of Korea	1999	101.81	79.66	25.7	36.44	145.6	177.97
Republic of Korea	2000	109.84	71.08	26.51	40.39	131.4	190.85
Republic of Korea	2001	116.47	78.31	29.17	39.7	152.46	197.56
Republic of Korea	2002	119.55	78.11	29.3	44.55	146.18	186.91
Republic of Korea	2003	116.9	82.25	29.25	48.98	147.39	178.6
Republic of Korea	2004	117.05	84.85	27.44	49.08	150.05	185.29
Republic of Korea	2005	113.62	85.13	27.6	49.8	151.31	208.64
Republic of Korea	2006	112.65	89.85	28.55	50.64	163.52	194.29
Republic of Korea	2007	118.89	89.99	28.64	54.16	162.51	219.11
Republic of Korea	2008	122.75	89.91	29.69	54.36	162.36	203.24
Republic of Korea	2009	120.52	80.66	31.22	57.17	161.88	199.75
Republic of Korea	2010	122.28	86.38	30.18	60.8	159.68	185.29
Republic of Korea	2011	126.97	82.54	30.28	61.99	165.35	184.15
Republic of Korea	2012	126.27	83.47	30.22	63.16	157.21	184.91
Republic of Korea	2013	130.02	82.07	30.79	59.99	146.5	184.12
Republic of Korea	2014	126.9041	79.42466	27.15068	57.45205	151.2329	160.3836
Republic of Korea	2015	127.7534	82.30137	27.28767	57.61644	154.7671	155.3699
Republic of Korea	2016	128.7123	84.16438	27.36986	56.9863	154.1918	154.8219
Republic of Korea	2017	129.7534	87.50685	28.08219	58.0274	153.8904	162.3562
Republic of Moldova	1992	116.6	0.43	16	10.34	1.91	152.7
Republic of Moldova	1993	109.16	0.38	12.44	12.75	1.48	224.66



Republic of Moldova	1994	95.9	0.49	9.97	17.41	6.23	185.5
Republic of Moldova	1995	87.18	0.43	11.36	18.14	6	164.35
Republic of Moldova	1996	71.95	0.24	11.74	18.66	10.88	175.83
Republic of Moldova	1997	59.66	1.96	16.92	13.29	8.77	208.88
Republic of Moldova	1998	61.88	0.41	18.02	16.97	10.61	150.27
Republic of Moldova	1999	60.91	0.45	16.95	15.23	8.31	151.48
Republic of Moldova	2000	70.17	0.59	18.19	10.11	11.74	147.67
Republic of Moldova	2001	61.59	1.36	19.59	8.15	18.93	153.15
Republic of Moldova	2002	74.68	1.18	24.27	8.53	19.98	151.2
Republic of Moldova	2003	82.09	1.82	23.08	15.4	20.86	138.69
Republic of Moldova	2004	98.91	2.41	24.15	17.43	27.65	118.22
Republic of Moldova	2005	115.31	2.59	27.38	19.26	33.2	117.23
Republic of Moldova	2006	127.08	3.12	26.2	24.06	32.75	127.1
Republic of Moldova	2007	142.92	3.26	27.61	32.68	33.13	129.32
Republic of Moldova	2008	158.99	3.93	22.51	40.87	43.21	149.78
Republic of Moldova	2009	135.06	3.47	25.26	47.91	37.48	106.22
Republic of Moldova	2010	133.76	4.33	28.81	38.29	36.02	113.49
Republic of Moldova	2011	146.67	4.94	28.5	38.05	34.87	121.52
Republic of Moldova	2012	135.92	4.94	26.91	41.28	35.14	171.83
Republic of Moldova	2013	136.94	4.95	26.81	39.76	35.42	153.7
Republic of Moldova	2014	134.7671	2.273973	22.24658	20.13699	33.09589	154.7397
Republic of Moldova	2015	112.7945	2.082192	21.47945	19.50685	27.42466	177.3699
Republic of Moldova	2016	119.6986	2.246575	21.61644	27.91781	30.71233	196.5753
Republic of Moldova	2017	122.411	2.356164	21.75342	22.9863	31.69863	111.1781
Romania	1961	95.87	0.07	16.48	23.76	6.93	96.83
Romania	1962	113.33	0.14	15.87	28.69	6.56	63.1
Romania	1963	115.96	0.17	14.05	28.45	9.86	94.17
Romania	1964	117.29	0.35	14.81	32.05	8.6	51.97
Romania	1965	121.36	0.29	14.97	31.46	8.4	103.23
Romania	1966	125.04	0.42	15.81	29.14	6.75	135.05
Romania	1967	122.47	0.54	18.24	32.09	8.19	104.48
Romania	1968	130.79	0.56	16.83	32.59	9.31	91.68
Romania	1969	134.49	0.57	17.59	34.03	9.53	131.48
Romania	1970	145.85	0.84	19.14	37.32	17.41	76.87
Romania	1971	152.49	0.81	21.29	40.73	16.59	77.38
Romania	1972	153.12	1.78	22.19	44.58	16.7	88.95
Romania	1973	176.66	1.75	23.52	44.27	16.02	93.02
Romania	1974	186.12	2.02	25.23	40.5	15.5	81.53
Romania	1975	198.13	1.39	27.31	46.29	17.08	78.09
Romania	1976	207.51	1.43	29.96	52.5	15.4	114.7
Romania	1977	208.42	1.48	30.02	54.74	16.2	102.16
Romania	1978	228.24	1.84	32.75	51.96	15.16	102.91
Romania	1979	231.69	1.76	34.34	49.31	18.35	129.36
Romania	1980	230.15	1.87	30.71	45.56	21.74	108.08
Romania	1981	235.8	2.23	34.26	45.81	21.99	105.94
Romania	1982	237.83	2.22	35.78	44.88	25.37	172.58
Romania	1983	238.44	1.61	37.87	46.48	25.17	166.52
Romania	1984	242.55	2.8	39.87	49.41	23.7	175.76
Romania	1985	234.82	3.61	35.23	45.94	22.39	162.48

Romania	1986	233.14	0.88	37.3	45.82	23.45	143.7
Romania	1987	220.09	1.46	36.07	45.48	25.48	127.68
Romania	1988	217.03	1.51	36.21	46.12	26.52	128.68
Romania	1989	218.66	1.14	31.79	43.21	18.49	132.15
Romania	1990	189.86	3.11	33.79	54.82	15.06	160.36
Romania	1991	186.53	2.44	33.07	48.79	10.95	138.32
Romania	1992	187.52	4.36	27.15	38.17	7.7	129.34
Romania	1993	198.33	3.07	25.94	37.63	3.8	178.49
Romania	1994	181.64	2.57	24.13	34.03	6.44	142.8
Romania	1995	184.04	3.44	26.84	37.88	8.13	132.52
Romania	1996	176.73	5.1	27.17	39.79	6.01	158.37
Romania	1997	188.88	4.66	25.09	34.82	4.63	129.68
Romania	1998	188.85	4.33	27.54	36.77	8.3	129.08
Romania	1999	206.79	3.91	28.45	36.47	6.11	123.13
Romania	2000	218.69	4.34	28.83	42.76	7.12	143.24
Romania	2001	222.15	5.14	34.16	44.28	8.68	145.22
Romania	2002	224.1	5.72	36.42	43.77	9.22	138.39
Romania	2003	233.95	5.91	36.45	43.88	10.64	190.25
Romania	2004	254.98	6.41	38.53	38.37	11.42	194.53
Romania	2005	244.36	6.57	38.54	43.91	13.95	206.76
Romania	2006	281.21	6.65	39.78	44.37	15.11	191.22
Romania	2007	310.11	6.58	38.55	43.84	14.56	164.69
Romania	2008	310.24	6.36	38.38	42.66	17.44	161.17
Romania	2009	285.13	6.3	35.53	44.26	17.53	179.29
Romania	2010	268.69	6.06	34.25	44.67	16.96	194.1
Romania	2011	275.92	6.53	35.7	42.94	16.99	204.26
Romania	2012	290.21	6.51	34.49	44.9	17.03	198.77
Romania	2013	281.93	7.01	35.46	44.64	17.08	212.73
Romania	2014	307.1781	7.205479	39.26027	52.71233	16.0274	230.411
Romania	2015	305.589	7.506849	38.63014	53.12329	16.10959	235.2603
Romania	2016	299.8356	7.890411	38.21918	54.13699	16.24658	250.1096
Romania	2017	272.5205	9.260274	39.31507	54.9863	16.35616	245.2877
Russian Federation	1992	96.56	2.88	40.37	24.36	51.35	109.39
Russian Federation	1993	96.73	3.29	38.38	25.53	39.11	97.07
Russian Federation	1994	81.81	4.22	36.25	23.85	33.01	96.66
Russian Federation	1995	82.94	4.71	32.87	25.09	49.8	91.56
Russian Federation	1996	65.51	3.58	3.44	26.09	55.92	97.05
Russian Federation	1997	75.63	5.7	32.44	25	62.21	99
Russian Federation	1998	90.36	5.97	33.84	27.36	60.02	92.73
Russian Federation	1999	114.02	5.83	34.16	29.72	53.4	79.6
Russian Federation	2000	129.34	6.51	34.76	31.27	49.01	100.68
Russian Federation	2001	157.69	8.4	36.04	31.69	48.57	108.2
Russian Federation	2002	172.11	8.56	37.3	32	46.22	125.86
Russian Federation	2003	186.15	9.25	37.55	33.22	47.45	131.17
Russian Federation	2004	205.79	9.12	36.86	34.92	45.7	148.17
Russian Federation	2005	222.21	9.42	38.1	36.93	51.06	166.33
Russian Federation	2006	235.29	8.45	38.9	38.19	50.93	179.71
Russian Federation	2007	267.83	8.45	39.03	38.68	61.4	195.2
Russian Federation	2008	264.4	8.24	38.86	39.24	59.79	185.68

Russian Federation	2009	255.15	7.76	39.93	40.63	62.47	172.77
Russian Federation	2010	241.58	8.91	41.08	42.64	61.56	184.31
Russian Federation	2011	239.93	9.67	41.58	43.3	61.41	190.88
Russian Federation	2012	237.07	9.12	43.09	44.41	65.14	191.72
Russian Federation	2013	217.46	9.22	42.28	46.27	62.86	200.08
Russian Federation	2014	212.9863	8.027397	42.0274	43.42466	61.64384	171.2055
Russian Federation	2015	188.8493	7.589041	42.16438	40.0274	55.23288	153.8904
Russian Federation	2016	188.1096	7.780822	42.84932	44.35616	56.46575	157.3151
Russian Federation	2017	181.0137	7.808219	43.89041	44.27397	55.09589	155.9726
Rwanda	1961	0	42.48	0.22	1.29	0.46	904.29
Rwanda	1962	0	56.3	0.24	1.16	0.45	1198.08
Rwanda	1963	0	60.02	0.25	1.24	0.44	822.92
Rwanda	1964	0	57.95	0.26	1.65	0.78	976.21
Rwanda	1965	8.47	53.31	0.27	1.57	0.76	1022.05
Rwanda	1966	9.08	52.31	0.29	1.29	0.75	999.8
Rwanda	1967	9.4	53.73	0.28	1.73	0.64	1254.25
Rwanda	1968	9.83	48.89	0.2	1.97	0.62	1258.96
Rwanda	1969	9.34	43.64	0.29	1.8	0.6	1237.57
Rwanda	1970	10.43	47.61	0.25	2.01	0.66	1210.25
Rwanda	1971	11.57	47.61	0.24	1.71	0.64	1194.83
Rwanda	1972	12.62	44.92	0.23	1.72	0.55	1162.89
Rwanda	1973	13.77	44.15	0.27	1.72	0.8	1188.02
Rwanda	1974	15.42	38.61	0.26	1.23	1.02	1079.54
Rwanda	1975	16.86	38.5	0.27	3.89	0.83	1101.91
Rwanda	1976	21.78	42.11	0.31	3.81	0.65	1120.33
Rwanda	1977	23.18	43.41	0.33	3.19	0.84	1130.05
Rwanda	1978	26.21	45.87	0.34	3.28	0.47	1114.16
Rwanda	1979	21.41	44.22	0.38	3.05	0.62	1127.99
Rwanda	1980	27.1	42.09	0.4	2.67	0.99	1112.63
Rwanda	1981	31.04	44.36	0.4	2.7	0.66	1143.35
Rwanda	1982	30.05	42.03	0.41	3.04	0.7	1204.92
Rwanda	1983	26.97	43.96	0.41	3.67	0.7	1161.91
Rwanda	1984	27.15	40.17	0.42	3.86	0.58	1039.52
Rwanda	1985	28.41	40.97	0.41	4.88	0.84	1104.17
Rwanda	1986	27.5	39.81	0.41	5.37	0.85	990.42
Rwanda	1987	26.54	33.97	0.53	4.95	1.3	951.3
Rwanda	1988	25.4	33.27	0.53	4.82	0.68	953.23
Rwanda	1989	28.54	30.3	0.58	4.93	0.68	1165.01
Rwanda	1990	23.49	26.83	0.6	4.35	1.06	999.05
Rwanda	1991	28.05	27.01	0.66	5.94	1.72	923.53
Rwanda	1992	26.6	27.71	0.71	5.74	2.31	924.32
Rwanda	1993	32.26	25.8	0.78	10.07	1.81	880.33
Rwanda	1994	21.75	24.58	0.86	9.5	1.77	811.42
Rwanda	1995	26.92	23.82	0.82	8.02	1.75	1005.37
Rwanda	1996	25.81	22.11	0.83	4.58	1.47	1011.29
Rwanda	1997	17.3	24.08	0.73	3.92	2.04	979.16
Rwanda	1998	27.64	20.82	0.86	4.75	2.69	1035.1
Rwanda	1999	14.24	19.13	0.63	5.42	2.38	1037.75
Rwanda	2000	13.62	23.97	0.64	5.86	2.38	750.91

Rwanda	2001	14.24	25.93	0.64	6.05	2.33	585.79
Rwanda	2002	12.36	25.7	0.65	6.16	2.44	852.19
Rwanda	2003	9.8	24.91	0.66	7.03	2.59	757.97
Rwanda	2004	15.09	22.75	0.68	8.19	2.43	770.15
Rwanda	2005	17.89	26.94	0.67	7.57	2.01	798.11
Rwanda	2006	19.69	25.72	0.62	9.4	3.09	800.4
Rwanda	2007	18.49	22.56	0.63	8.31	4.36	791.01
Rwanda	2008	19.98	22.02	0.66	7.92	5.33	749.6
Rwanda	2009	18.87	20.45	0.7	11.41	5.73	845
Rwanda	2010	20.33	21.05	0.68	9.69	7.19	781.42
Rwanda	2011	23.19	20.55	0.74	10.26	11.24	838.8
Rwanda	2012	24.47	18.54	0.58	8.64	10.92	861.75
Rwanda	2013	16	17.42	0.45	6.67	10.63	856.11
Rwanda	2014	31.28767	18.87671	1.013699	5.945205	14.35616	693.7808
Rwanda	2015	38	18.54795	1.068493	7.260274	19.61644	697.9452
Rwanda	2016	40.76712	18.82192	1.123288	9.205479	21.53425	691.2603
Rwanda	2017	35.86301	18.79452	1.068493	8.821918	20.9589	625.2877
Saint Kitts and Nevis	1961	29.33	0.63	5.86	28.11	32.23	88.67
Saint Kitts and Nevis	1962	30.41	0.77	6.23	28	32.23	88.13
Saint Kitts and Nevis	1963	34.8	0.77	6.66	28.55	37.6	87.6
Saint Kitts and Nevis	1964	43.45	0.93	7.23	28.88	38.36	92.12
Saint Kitts and Nevis	1965	38.92	1.09	7.66	30.69	39.14	93.72
Saint Kitts and Nevis	1966	38.64	1.27	7.76	32.79	45.66	95.53
Saint Kitts and Nevis	1967	43.2	1.29	7.93	31.18	46.63	103.62
Saint Kitts and Nevis	1968	43	1.11	8.58	33.19	47.65	106.16
Saint Kitts and Nevis	1969	48.12	1.01	8.58	30.46	47.65	103.14
Saint Kitts and Nevis	1970	57.24	1.19	9.19	31.22	60.88	109.85
Saint Kitts and Nevis	1971	59.03	0.84	9.4	29.58	62.27	115.89
Saint Kitts and Nevis	1972	60.46	1	10.96	29.82	107.44	117.27
Saint Kitts and Nevis	1973	64.81	1	10.27	28.99	106.66	125.15
Saint Kitts and Nevis	1974	43.9	1.06	10.09	29.47	110.39	125.48
Saint Kitts and Nevis	1975	55.79	1.09	10.59	31.35	115.47	129.11
Saint Kitts and Nevis	1976	48.13	0.84	10.71	29.36	143.08	130.53
Saint Kitts and Nevis	1977	54.3	0.93	11.02	30.73	131.03	133.23
Saint Kitts and Nevis	1978	54.79	1	11.46	28.9	136.03	123.88
Saint Kitts and Nevis	1979	66.77	0.63	12.93	31.68	139.61	123.87
Saint Kitts and Nevis	1980	83.59	0.79	12.87	25.64	153.72	126.81
Saint Kitts and Nevis	1981	82.96	3.54	13.7	27.62	153.99	139.17
Saint Kitts and Nevis	1982	55.68	4.71	14.27	36.19	160.64	155.59
Saint Kitts and Nevis	1983	59.25	2.54	14.27	33.42	106.04	151.31
Saint Kitts and Nevis	1984	53.04	1.81	15.46	36.88	111.85	197.76
Saint Kitts and Nevis	1985	54.85	1.77	15.53	36.65	104.83	146.37
Saint Kitts and Nevis	1986	65.23	1.67	15.53	42.01	93.54	175.25
Saint Kitts and Nevis	1987	86.73	2.06	17.04	43.75	75.66	237.44
Saint Kitts and Nevis	1988	97.23	4.55	17.37	43.9	86.73	233.37
Saint Kitts and Nevis	1989	103.91	3.6	15.5	43.31	76.07	218.26
Saint Kitts and Nevis	1990	112.93	2.26	15.97	38.8	71.98	186.04
Saint Kitts and Nevis	1991	101.04	2.8	16.3	40.64	45.66	208.08
Saint Kitts and Nevis	1992	98.03	2.46	16.17	38.76	33.67	219.12

Saint Kitts and Nevis	1993	107.51	2.69	15.46	31.12	30.13	241.9
Saint Kitts and Nevis	1994	96.93	2.71	15.66	28.47	31.48	274.92
Saint Kitts and Nevis	1995	129.53	2.83	14.97	27.2	83.14	283.88
Saint Kitts and Nevis	1996	99.07	5.02	13.13	25.86	96.39	315.91
Saint Kitts and Nevis	1997	105.29	3.67	12.89	25.86	71.47	281.57
Saint Kitts and Nevis	1998	126.84	4.24	12.83	24.5	58.84	286
Saint Kitts and Nevis	1999	121.88	2.32	12.72	23.04	79.65	298.73
Saint Kitts and Nevis	2000	118.11	4.56	9.17	29.04	95.46	329.63
Saint Kitts and Nevis	2001	102.86	4.68	9.35	26.59	83.85	351.93
Saint Kitts and Nevis	2002	95.54	4.95	10.43	29.04	91.09	284.22
Saint Kitts and Nevis	2003	93.32	7.48	10.5	30.06	83.83	320.78
Saint Kitts and Nevis	2004	97.43	3.1	11	34.37	88.71	279.13
Saint Kitts and Nevis	2005	92.77	2.34	9.47	32.75	87.83	272.92
Saint Kitts and Nevis	2006	92.28	4.89	8.2	30.97	96.79	327.18
Saint Kitts and Nevis	2007	95.68	5.82	7.73	31.73	93.79	349.21
Saint Kitts and Nevis	2008	96.8	6.94	7.36	34.26	103.37	268.02
Saint Kitts and Nevis	2009	103.53	6.26	9.59	33.05	102.32	265.41
Saint Kitts and Nevis	2010	96.21	8.92	12.13	33.59	106.85	281.69
Saint Kitts and Nevis	2011	93.1	2.91	10.3	38.39	103.62	242.57
Saint Kitts and Nevis	2012	114.46	4.83	9.35	39.92	101.72	222.57
Saint Kitts and Nevis	2013	109.95	5.17	9.65	40.72	101.72	237.46
Saint Kitts and Nevis	2014	116.8767	4.739726	10.52055	47.47945	101.2329	189.6164
Saint Kitts and Nevis	2015	121.4521	2.328767	9.178082	48.30137	100.4384	191.3151
Saint Kitts and Nevis	2016	122.0274	3.39726	11.26027	48.54795	99.58904	243.7534
Saint Kitts and Nevis	2017	118.1096	2.164384	11.17808	44.19178	98.76712	241.1233
Saint Lucia	1961	36.61	2.02	7.47	17.72	53.45	655
Saint Lucia	1962	37.96	2	7.68	22.82	52.87	666.87
Saint Lucia	1963	37.59	2.09	7.84	23.09	52.31	642.3
Saint Lucia	1964	43.6	2.16	7.93	23.24	56.97	639.48
Saint Lucia	1965	42.95	2.34	8.11	24.68	56.38	640.09
Saint Lucia	1966	44.11	2.32	8.19	25.7	58.02	639.08
Saint Lucia	1967	39.03	2.35	8.27	26.77	59.6	647.13
Saint Lucia	1968	43.43	2.25	8.41	27.69	61.73	645.51
Saint Lucia	1969	53.14	3.01	8.51	28.27	60.53	644.23
Saint Lucia	1970	59.01	2.73	8.69	29.25	69.92	649.34
Saint Lucia	1971	71.16	3	9	29.77	80.11	643.93
Saint Lucia	1972	64.01	2.59	9.23	29.37	84.52	612.15
Saint Lucia	1973	62.71	4.16	10.42	28.83	79.43	581.5
Saint Lucia	1974	48.18	2.88	9.95	29.04	73.53	579.43
Saint Lucia	1975	48.84	2.18	11.26	29.83	75.74	566.37
Saint Lucia	1976	49.02	3.04	11.87	31.06	81.94	549.67
Saint Lucia	1977	63.59	2.74	13.12	31.49	81.32	556.26
Saint Lucia	1978	111.57	5.73	14.94	29.35	83.99	578.53
Saint Lucia	1979	128.55	7.57	13.46	23.33	47.01	580.05
Saint Lucia	1980	120.47	4.74	13.72	27.04	45.05	579.42
Saint Lucia	1981	125.71	6.78	13.79	25.63	45.6	576.47
Saint Lucia	1982	111.31	5.91	11.25	27.98	46	545.23
Saint Lucia	1983	72.68	5.17	10.74	29.24	47.04	542.58
Saint Lucia	1984	89.2	4.15	10.56	29.32	51.18	539.03

Saint Lucia	1985	100.39	4.63	10.44	28.79	50.27	537.23
Saint Lucia	1986	110.78	5.13	7.96	18.57	39.8	522.77
Saint Lucia	1987	97.17	4.87	6.59	10.31	39.16	563.05
Saint Lucia	1988	126.97	5.11	7.97	8.85	43.29	554.18
Saint Lucia	1989	124.22	4.78	5.98	8.32	51.88	537.59
Saint Lucia	1990	120.9	5.72	6.53	10.8	51.05	526.13
Saint Lucia	1991	160.02	7.16	5.5	11.68	56.7	559.81
Saint Lucia	1992	160.76	4.47	6.48	10.62	58.27	565.41
Saint Lucia	1993	165.09	7.2	5.92	10.75	65.1	559.41
Saint Lucia	1994	173.73	6.63	10.39	16.03	66.18	563.61
Saint Lucia	1995	149.2	5.92	9.34	16.68	64.77	568.78
Saint Lucia	1996	134.97	7.35	8.04	20	72.51	576.31
Saint Lucia	1997	133.75	5.85	7.09	20.58	68.75	636.45
Saint Lucia	1998	133.08	5.79	8.33	21.88	68.89	596.56
Saint Lucia	1999	162.69	6.47	8.31	20.51	79.34	475.77
Saint Lucia	2000	163.88	6.86	8.28	19.94	75.87	506.04
Saint Lucia	2001	118.22	4.81	7.87	18.44	75.09	444.6
Saint Lucia	2002	114.28	5.89	6.52	17.21	79.41	427.91
Saint Lucia	2003	132.83	6.8	11.43	17.7	80.71	450.14
Saint Lucia	2004	127.23	8.09	12.28	16.79	96.23	324.22
Saint Lucia	2005	113.33	6.08	11.99	17.72	104.91	341.29
Saint Lucia	2006	110.59	7.06	11.82	20.46	88.6	313.18
Saint Lucia	2007	102.42	7.89	10.48	21.32	87.99	320.78
Saint Lucia	2008	91.84	6.14	10.17	19.53	85.35	289.32
Saint Lucia	2009	126.14	5.1	10.16	20.86	77.27	293.31
Saint Lucia	2010	142.54	3.9	9.4	21.25	68.07	305.22
Saint Lucia	2011	159.26	3.4	9.25	20	64.63	274.32
Saint Lucia	2012	169.23	1.94	9.01	22.2	63.9	270.76
Saint Lucia	2013	175.48	2.53	8.77	21.1	63.55	258.53
Saint Lucia	2014	162.4384	2.383562	10.68493	18.10959	92.57534	201.8082
Saint Lucia	2015	174.7397	8.821918	10.0274	19.61644	91.06849	188.411
Saint Lucia	2016	213.5616	2.520548	10.60274	18.71233	87.50685	172.7397
Saint Lucia	2017	222.3836	16.79452	10.13699	19.26027	93.47945	195.2329
Saint Vincent and the Grenadines	1961	24.46	2.99	5.55	15.89	53.86	205.11
Saint Vincent and the Grenadines	1962	20.37	3.03	5.81	19.13	53.21	214.46
Saint Vincent and the Grenadines	1963	19.47	3.24	6.03	19.33	45.96	220.29
Saint Vincent and the Grenadines	1964	18.57	3.28	6.25	20.19	45.42	224.07
Saint Vincent and the Grenadines	1965	20	3.44	6.47	18.08	44.89	233.51
Saint Vincent and the Grenadines	1966	24.31	3.51	6.61	22.79	54.46	232.38
Saint Vincent and the Grenadines	1967	23.1	3.75	7.44	24.62	40.95	233.26
Saint Vincent and the Grenadines	1968	23.21	3.52	7.63	24.22	40.29	237.2
Saint Vincent and the Grenadines	1969	35.89	3.41	8.01	26.27	42.89	240.96
Saint Vincent and the Grenadines	1970	44.2	3.41	8.71	24.15	52.02	245.26
Saint Vincent and the Grenadines	1971	45.56	4.19	10.48	23.51	42.42	247.31
Saint Vincent and the Grenadines	1972	43.27	4.83	11.67	24.61	41.96	247.36
Saint Vincent and the Grenadines	1973	43.02	5.39	11.28	23.97	38.16	251.5
Saint Vincent and the Grenadines	1974	39.57	5.73	10.84	21.78	48.89	256.9
Saint Vincent and the Grenadines	1975	41.24	4.98	11.19	23.9	42.22	254.29
Saint Vincent and the Grenadines	1976	37.45	3.39	12.23	22.7	37.27	253.45

Saint Vincent and the Grenadines	1977	38.5	4.11	12.92	22.92	31.45	270.42
Saint Vincent and the Grenadines	1978	37.75	4.56	13.28	22.18	28.5	277.61
Saint Vincent and the Grenadines	1979	44.27	3.59	13.37	21.56	31.29	266.6
Saint Vincent and the Grenadines	1980	56.66	3.74	13.62	21.28	29.72	275.48
Saint Vincent and the Grenadines	1981	53.03	3.98	13.78	22.75	28.91	287.83
Saint Vincent and the Grenadines	1982	49.98	4.82	13.99	21.34	25.42	269.42
Saint Vincent and the Grenadines	1983	41.31	4.66	14.02	21.97	28.47	272.09
Saint Vincent and the Grenadines	1984	42.39	4.09	13.96	19.24	31.62	266.85
Saint Vincent and the Grenadines	1985	37.41	4.14	14.44	21.03	29.57	255.29
Saint Vincent and the Grenadines	1986	37.73	4.27	14.17	19.32	24.99	266.95
Saint Vincent and the Grenadines	1987	27.79	4.17	14.24	18.87	27.84	275.99
Saint Vincent and the Grenadines	1988	25.81	4.48	14.52	18.9	29.12	266.33
Saint Vincent and the Grenadines	1989	31.96	4.36	14.67	17.82	27.39	273.52
Saint Vincent and the Grenadines	1990	30.24	4.82	14.89	23.89	40.64	276.66
Saint Vincent and the Grenadines	1991	33.89	6.83	15.4	23.67	42.15	264.9
Saint Vincent and the Grenadines	1992	37.85	4.91	14.97	23.39	39.08	277.28
Saint Vincent and the Grenadines	1993	39.04	4.4	14.94	22.88	41.84	276.13
Saint Vincent and the Grenadines	1994	33.61	3.83	15.02	22.01	32.99	181.37
Saint Vincent and the Grenadines	1995	34.3	4.86	12.68	24.28	34.92	220.05
Saint Vincent and the Grenadines	1996	41.4	3.72	11.57	23.81	40.67	191.57
Saint Vincent and the Grenadines	1997	44.27	4.97	10.96	25.27	40.22	196.35
Saint Vincent and the Grenadines	1998	50.2	5.24	11.24	24.46	41.47	191
Saint Vincent and the Grenadines	1999	53.42	5.11	12	26.92	43	199.19
Saint Vincent and the Grenadines	2000	49.74	4.37	10.3	23.38	43.58	228.13
Saint Vincent and the Grenadines	2001	55.46	4.37	12.28	25.07	44.62	249.06
Saint Vincent and the Grenadines	2002	70.27	7.05	12.84	25.3	44.96	379.23
Saint Vincent and the Grenadines	2003	65.27	6.54	14.36	26.9	45.75	383.44
Saint Vincent and the Grenadines	2004	65.25	6.2	14.92	28.33	46.54	394.15
Saint Vincent and the Grenadines	2005	67.03	7.21	17.87	27.85	46.73	512.44
Saint Vincent and the Grenadines	2006	92.85	8.58	15.03	26.83	47.26	515.72
Saint Vincent and the Grenadines	2007	99.46	7.52	16.02	23.79	48.81	518.74
Saint Vincent and the Grenadines	2008	104.09	10.25	15.71	23.29	49.66	549.28
Saint Vincent and the Grenadines	2009	89.6	9	16.11	25.02	50.04	520.28
Saint Vincent and the Grenadines	2010	83.7	7.78	13.16	26.23	50.27	506.63
Saint Vincent and the Grenadines	2011	88.88	6.42	14.59	25.99	50.7	508.73
Saint Vincent and the Grenadines	2012	90.54	6.67	14.21	26.74	49.49	505.56
Saint Vincent and the Grenadines	2013	98.1	5.73	14.56	27.06	50.09	510.08
Saint Vincent and the Grenadines	2014	77.67123	5.39726	13.86301	26.9589	50.13699	373.1233
Saint Vincent and the Grenadines	2015	65.45205	5.753425	13.80822	25.72603	50.0274	364.6575
Saint Vincent and the Grenadines	2016	73.45205	5.643836	14.46575	27.15068	49.86301	367.3151
Saint Vincent and the Grenadines	2017	89.75342	6.630137	12.30137	26.43836	49.69863	377.5342
Samoa	1961	9.39	2.74	3.13	16.97	88.07	939.54
Samoa	1962	8.84	2.34	2.39	13.45	87.38	909.85
Samoa	1963	9.41	2.37	2.17	12.67	84.47	918.78
Samoa	1964	10.09	2.8	2.27	9.7	82.41	928.44
Samoa	1965	19.11	2.78	2.07	9.04	79.82	932.72
Samoa	1966	14.58	2.8	1.76	10.45	79.47	986.44
Samoa	1967	13.47	2.74	1.8	12.1	77.7	1059.84
Samoa	1968	12.15	2.66	1.85	8.57	79.71	1100.37

Samoa	1969	18.08	2.94	1.87	12.12	71.51	1098.43
Samoa	1970	18.86	3.12	1.82	14.31	77.6	1156.35
Samoa	1971	26.77	2.66	1.74	11.51	99.84	1192.04
Samoa	1972	25.29	1.23	1.86	9.46	82.79	1219.58
Samoa	1973	35.85	1.4	2.06	13.1	68.3	1262.64
Samoa	1974	38.86	1.3	1.61	15.37	74.88	1282.3
Samoa	1975	38.38	1.27	1.71	8.4	76.2	1296.54
Samoa	1976	56.33	1.01	2.25	8.64	91.22	1270.43
Samoa	1977	55.97	1.39	2.72	16.04	92.16	1194.06
Samoa	1978	46.32	1.58	2.63	14.16	63.64	1190.54
Samoa	1979	42.84	1.56	2.67	16.23	109.68	1174.23
Samoa	1980	20.54	1.13	2.2	13.52	97.79	1134.65
Samoa	1981	16.6	1.38	2.04	13.66	135.47	1187.77
Samoa	1982	37.57	0.88	2.47	13.62	122.48	1118.4
Samoa	1983	64.41	0.84	2.75	15.47	101.23	1072.28
Samoa	1984	53.39	0.83	2.17	12.51	110.58	1060.5
Samoa	1985	55.62	1.16	2.75	14.26	121.37	1050.15
Samoa	1986	51.63	0.82	2.25	13.62	97.08	1036.52
Samoa	1987	105.84	0.86	2.56	15.64	119.28	1026.79
Samoa	1988	87.78	0.86	2.42	15.96	117.05	1013.31
Samoa	1989	86.55	0.69	2.47	14.29	117.36	875.65
Samoa	1990	64.05	1.4	2.56	19.97	102.59	857.11
Samoa	1991	65.02	1.05	3.12	16.98	104.81	795.22
Samoa	1992	52.68	1.33	3.58	17.84	118.51	713.52
Samoa	1993	98.73	1.5	2.62	20.06	113.98	718.55
Samoa	1994	78.98	1.12	2.98	21.6	105.59	649.88
Samoa	1995	69.55	0.91	3.03	16.66	111.51	792.98
Samoa	1996	81.95	1.07	2.95	23.51	137.46	838.17
Samoa	1997	42.06	0.84	3.12	25.75	137.36	863.6
Samoa	1998	55.2	0.88	3.31	27.89	143.68	881.17
Samoa	1999	25.54	0.72	3.2	25.85	155.33	879.2
Samoa	2000	62.51	0.34	3.23	29.84	148.78	873.12
Samoa	2001	71.2	0.44	3.52	30.29	153.64	922.43
Samoa	2002	74.99	4.71	6.05	30.71	146.33	912.4
Samoa	2003	53.51	32.31	9.71	29.69	143.48	905.76
Samoa	2004	60.97	30.31	11	30.19	133.39	947.28
Samoa	2005	64.41	40.03	10.09	34.79	133.1	932.64
Samoa	2006	88.85	40.33	12.4	30.54	133.39	978.26
Samoa	2007	71.21	20.1	9.24	28.15	133.88	978.49
Samoa	2008	70.24	18.22	13.04	29.78	135.19	1016.65
Samoa	2009	61.49	16.23	12.1	30.13	134.05	1020.97
Samoa	2010	67.13	17.69	14.57	33.72	132.51	1013.09
Samoa	2011	86.72	24.29	12.41	30.57	130.27	978.72
Samoa	2012	57.43	7.52	8.7	36.01	128.87	1013.72
Samoa	2013	53.81	12.27	6.33	38.54	128.2	1017.49
Samoa	2014	65.39726	6.219178	6.273973	32.49315	133.1507	961.3425
Samoa	2015	64.08219	6.438356	5.479452	32.52055	131.4795	946.4658
Samoa	2016	67.69863	6.712329	6.30137	34.43836	134.8219	963.3699
Samoa	2017	65.0137	6.136986	6	34.0274	132.5479	964.5753



Sao Tome and Principe	1961	101.16	0.76	2.23	5.06	29.5	782.55
Sao Tome and Principe	1962	105.35	1.58	2.4	6.59	25.68	794.87
Sao Tome and Principe	1963	106.12	2.48	2.53	10.79	21.4	703.22
Sao Tome and Principe	1964	134.8	2.83	2.65	9.55	34.25	820.7
Sao Tome and Principe	1965	109.75	1.89	2.74	11.62	37.93	732.6
Sao Tome and Principe	1966	116.89	1.49	2.82	9.27	74.72	654.56
Sao Tome and Principe	1967	120.63	0.85	2.86	9.42	66.48	565.69
Sao Tome and Principe	1968	118.2	0.67	2.9	9.32	47.96	549.69
Sao Tome and Principe	1969	146.61	1.91	2.89	10.32	46.63	608.88
Sao Tome and Principe	1970	146.94	2.07	2.92	12.98	54.63	558.44
Sao Tome and Principe	1971	121.05	1.63	2.96	9.22	41.46	586.82
Sao Tome and Principe	1972	110.19	3.43	2.99	9.45	36.88	587.98
Sao Tome and Principe	1973	107.22	0.55	3.05	7.35	27.74	559.67
Sao Tome and Principe	1974	63.72	0	3.08	10.7	20.29	555.21
Sao Tome and Principe	1975	72.69	0	3.1	15.97	19.81	562.57
Sao Tome and Principe	1976	59.63	0	3.13	11.41	20.83	538.11
Sao Tome and Principe	1977	58.57	1.26	3.15	15.92	28	520.86
Sao Tome and Principe	1978	32.27	0	3.14	12.06	35.77	522.83
Sao Tome and Principe	1979	19.45	0.88	3.12	16.28	50.15	511.57
Sao Tome and Principe	1980	44.99	1.15	3.14	21.11	53.26	465.61
Sao Tome and Principe	1981	17.96	1.13	3.16	23.18	60.95	434.12
Sao Tome and Principe	1982	16.99	0.55	3.15	22.39	74.38	499.52
Sao Tome and Principe	1983	9.12	0.81	3.2	22.84	88.19	505.24
Sao Tome and Principe	1984	6.8	0.83	3.25	23.51	119.37	563.82
Sao Tome and Principe	1985	11.96	0.34	3.29	22.89	121.23	635.29
Sao Tome and Principe	1986	9.6	0.33	3.3	18.93	81.05	657.46
Sao Tome and Principe	1987	8.27	0.1	3.19	18.61	75.78	693.25
Sao Tome and Principe	1988	23.04	0.51	3.08	19.48	94.32	711.23
Sao Tome and Principe	1989	20.85	0.43	3.14	23.45	97.08	679.98
Sao Tome and Principe	1990	33.88	0.37	3.49	23.34	106.18	676.88
Sao Tome and Principe	1991	43.7	0.32	3.56	21.59	67.69	664.29
Sao Tome and Principe	1992	34.53	0.38	4.08	18.71	71.32	644.19
Sao Tome and Principe	1993	67.36	0.37	4.31	18.95	66.75	651.36
Sao Tome and Principe	1994	62.72	0.26	4.28	16.6	91.16	678.11
Sao Tome and Principe	1995	66.8	0.25	4.49	14.23	99.73	645.44
Sao Tome and Principe	1996	73.42	0.23	4.71	13.66	99.27	628.99
Sao Tome and Principe	1997	77.68	0.22	4.93	13.98	76.11	791.64
Sao Tome and Principe	1998	83.13	0.2	5.36	14.14	72.69	804.59
Sao Tome and Principe	1999	83.26	0.24	6.28	14.35	72.84	825.89
Sao Tome and Principe	2000	85.35	0.18	6.27	19.92	72.63	824.2
Sao Tome and Principe	2001	90.12	0.23	6.39	22.56	65.45	839.45
Sao Tome and Principe	2002	97.88	0.78	7.46	22.73	71.21	864.18
Sao Tome and Principe	2003	95.88	1.71	6.78	24.92	74.84	782.14
Sao Tome and Principe	2004	94.85	5.27	7.53	23.99	75.29	763.34
Sao Tome and Principe	2005	94.43	0.7	8.02	26.43	74.3	792.8
Sao Tome and Principe	2006	92.89	3.15	8.08	24.95	75.46	858.83
Sao Tome and Principe	2007	90.64	3.59	7.85	25.41	75.31	838.39
Sao Tome and Principe	2008	88.8	0.83	8.19	25.96	75.75	846.83
Sao Tome and Principe	2009	86.56	8.43	8.38	26.28	75.23	859.49

Sao Tome and Principe	2010	93.28	0.72	8.14	24.42	75.08	845.06
Sao Tome and Principe	2011	86.91	0.43	8.5	26.07	73.46	930.19
Sao Tome and Principe	2012	77.14	0.32	7.81	25.74	71.5	926.64
Sao Tome and Principe	2013	95.89	0.45	7.78	26.57	69.64	984.06
Sao Tome and Principe	2014	82.60274	0.410959	8.136986	24.84932	82.05479	920.7945
Sao Tome and Principe	2015	69.0411	0.328767	5.671233	25.9726	80.52055	896.0548
Sao Tome and Principe	2016	72.63014	0.383562	1.917808	27.17808	78.9863	927.589
Sao Tome and Principe	2017	51.09589	0.273973	1.890411	27.0411	77.53425	950.4384
Saudi Arabia	1961	0	4.32	1.31	8.7	12.19	136.31
Saudi Arabia	1962	0	4.49	1.27	9.99	11.72	138.82
Saudi Arabia	1963	0	4.54	1.32	9.04	12.45	135.81
Saudi Arabia	1964	0.01	5.75	1.56	10.39	10.65	141.25
Saudi Arabia	1965	0.01	5.31	1.9	12.86	10.63	142.98
Saudi Arabia	1966	0.01	7.2	2.21	10.68	11.35	147.95
Saudi Arabia	1967	0.01	5.44	2.62	14.47	11.66	148.28
Saudi Arabia	1968	0.01	6.84	2.77	14	10.83	154.93
Saudi Arabia	1969	0.01	7.59	3.43	11.88	10.67	163.43
Saudi Arabia	1970	0.01	5.63	3.75	12.54	11.46	167.89
Saudi Arabia	1971	0.02	5.38	4.1	14.98	10.76	166.96
Saudi Arabia	1972	0.04	6.36	3.96	19.51	11.67	151.76
Saudi Arabia	1973	0	7.11	4	11.78	14.7	202.71
Saudi Arabia	1974	0	5.18	5.01	7.86	12.73	216.63
Saudi Arabia	1975	0.03	5.15	6.31	8.26	12.15	219.88
Saudi Arabia	1976	0	7.22	8.3	12.18	13.75	220.42
Saudi Arabia	1977	2.94	7.32	10.05	15.82	17.02	313.15
Saudi Arabia	1978	7.01	10.15	12.43	16.3	17.25	352.15
Saudi Arabia	1979	7.64	8.44	12.13	17.23	20.72	370.6
Saudi Arabia	1980	7.31	8.51	14.67	21.57	22.61	335.36
Saudi Arabia	1981	6.38	9.47	15.12	25.58	23.51	331.89
Saudi Arabia	1982	10.32	10.5	17.86	31.32	24.99	334.17
Saudi Arabia	1983	9.78	10.32	20.7	37.59	25.37	361.6
Saudi Arabia	1984	12.29	9.59	19.65	30.43	23.21	338.27
Saudi Arabia	1985	8.05	8.16	21.12	22.55	23.4	262.04
Saudi Arabia	1986	6.22	6.71	19.76	33.39	19.71	233.92
Saudi Arabia	1987	6.98	7.75	14.87	30.65	19.38	238.51
Saudi Arabia	1988	6.95	6.24	13.21	32.18	18.3	295.36
Saudi Arabia	1989	4.82	3.39	14.19	34.12	18.99	276.44
Saudi Arabia	1990	5.14	5.55	13.77	38.85	15.07	261.02
Saudi Arabia	1991	6.8	6.5	12.91	35.02	16.51	255.83
Saudi Arabia	1992	1.99	3.74	13.53	37.79	13.57	247.75
Saudi Arabia	1993	0.95	2.62	14.11	36.17	13.64	256.76
Saudi Arabia	1994	1.65	2.1	14.37	30.96	14.62	262.44
Saudi Arabia	1995	1.95	4.22	14.11	28.13	17.47	267.55
Saudi Arabia	1996	1.88	4.07	12.69	27.07	16.91	248.69
Saudi Arabia	1997	1.84	3.34	12.42	31.64	18	256.08
Saudi Arabia	1998	2.33	4.42	12.75	34.66	19.35	272.53
Saudi Arabia	1999	0.19	4.33	13.13	36.04	19.57	261.02
Saudi Arabia	2000	0.06	6.56	11.73	41.51	19.33	259.1
Saudi Arabia	2001	0.11	5.69	12.36	43.43	22.28	262.79

Saudi Arabia	2002	0.07	6.11	12.49	41.02	20.85	269.28
Saudi Arabia	2003	0.08	6.06	11.99	43.25	19.97	278.53
Saudi Arabia	2004	0.06	6.68	11.66	36.74	23.27	265.65
Saudi Arabia	2005	0	7.03	13.03	37.29	24.6	285.75
Saudi Arabia	2006	0	6.82	9.79	37.66	27	268.73
Saudi Arabia	2007	0	7.89	10.59	35.68	28	258.81
Saudi Arabia	2008	0	6.36	12.25	37.95	23.05	229.55
Saudi Arabia	2009	0	5.25	12.27	39.46	22.85	203.58
Saudi Arabia	2010	0	8.96	13.24	41.91	31.06	225.35
Saudi Arabia	2011	0	9.67	13.78	41.66	30.28	240.75
Saudi Arabia	2012	0	10.57	14.13	52.95	36.53	256.81
Saudi Arabia	2013	0	10.85	14.71	52.67	36.93	254.55
Saudi Arabia	2014	0	8.054795	14.24658	49.78082	33.89041	193.9178
Saudi Arabia	2015	0	8.109589	16.73973	47.39726	31.91781	192.274
Saudi Arabia	2016	0	6.657534	17.23288	51.0411	32.68493	203.9452
Saudi Arabia	2017	0	6.082192	17.9726	49.61644	31.0411	213.0685
Senegal	1961	18.67	1.59	2.23	22.79	52.27	33.14
Senegal	1962	16.81	1.63	2.35	24.24	52.47	34.5
Senegal	1963	19.66	1.08	2.22	42.79	50.18	35.84
Senegal	1964	16.16	1.31	2.15	19.75	57.07	31.51
Senegal	1965	13.45	1.69	2.1	21.65	59.61	29.71
Senegal	1966	11.39	2.56	2.47	17.94	59.48	32.81
Senegal	1967	10.59	2.03	2.33	19.64	59.27	29.5
Senegal	1968	10.1	2.28	2.34	17.28	51.73	29.26
Senegal	1969	10.39	1.57	2.24	23.62	51.09	33.61
Senegal	1970	10.44	1.04	2.08	19.62	53.37	32.3
Senegal	1971	10.96	1.1	1.94	21.21	54.04	32.09
Senegal	1972	12.22	1.71	1.95	24.19	55.06	28.73
Senegal	1973	10.85	1.64	1.98	26.91	62.87	33.89
Senegal	1974	10.29	1.32	2.01	23.32	66.43	31.48
Senegal	1975	15.64	1.45	2.24	22.24	68.32	36.49
Senegal	1976	17.63	2.07	2.31	21.83	72.71	38.19
Senegal	1977	20.19	1.99	2.26	18.44	70.74	38.25
Senegal	1978	17.61	1.51	2.42	18.94	67.91	37.69
Senegal	1979	17.73	1.66	2.47	14.9	64.23	38.72
Senegal	1980	14.01	1.44	2.52	21.44	66.9	36.54
Senegal	1981	12.39	1.96	2.63	37.82	66	36.27
Senegal	1982	11.75	1.66	2.65	33.81	59.73	38.72
Senegal	1983	12.67	1.5	2.86	29.75	61.56	37.37
Senegal	1984	10.27	2.4	2.89	34.7	58.76	35.39
Senegal	1985	9.3	1.37	2.94	37.92	58.27	35.89
Senegal	1986	8.8	1.61	2.88	29.36	60.91	37.35
Senegal	1987	10.34	1.92	3.07	18.28	65.19	39.23
Senegal	1988	11.34	2.25	3.42	17.11	74.82	41.31
Senegal	1989	12.59	2.86	3.49	15.29	73.48	42.59
Senegal	1990	12.63	2.28	3.28	21.55	76.35	39.04
Senegal	1991	10.74	1.55	3.18	36.88	71.26	36.77
Senegal	1992	10.37	1.96	2.91	39.82	98.58	35.67
Senegal	1993	9.59	1.33	2.83	47.58	99.89	41.76

Senegal	1994	9.81	2.57	2.88	41.94	84.6	41.85
Senegal	1995	9.49	1.51	2.81	40.51	81.59	40.13
Senegal	1996	9.93	1.96	2.66	38.54	82.62	39.72
Senegal	1997	9.19	1.56	3.27	43.02	88.72	38.38
Senegal	1998	9.82	1.79	3.15	44.22	81.01	39.12
Senegal	1999	9.39	1.97	3.12	43	77.99	37.75
Senegal	2000	9.52	2.15	3.94	41.94	86.88	37.17
Senegal	2001	10.09	2.26	4.39	43.45	82.14	42.67
Senegal	2002	10.9	1.82	4.46	42.67	70.84	41.4
Senegal	2003	10.85	2.41	4.79	40.89	78.46	46.38
Senegal	2004	10.46	1.67	4.96	38.84	75.3	37.67
Senegal	2005	9.75	1.9	4.6	40.08	72.44	41.3
Senegal	2006	9.46	1.48	4.76	38.98	61.45	45.94
Senegal	2007	8.51	2.06	5.3	38.82	64.27	48.47
Senegal	2008	7.27	1.78	5.06	48.18	72.5	49.74
Senegal	2009	6.28	1.96	4.79	47.45	72.55	51.36
Senegal	2010	5.84	1.93	4.66	49.18	65.68	47.79
Senegal	2011	6.17	1.59	4.73	50.6	64.31	53.17
Senegal	2012	5.77	1.6	4.99	47.78	66.19	64.41
Senegal	2013	5.45	1.33	4.48	48.07	65.58	65.93
Senegal	2014	5.616438	1.287671	4.821918	50.57534	57.34247	63.06849
Senegal	2015	5.753425	1.945205	4.712329	41.47945	46.73973	56.63014
Senegal	2016	6.986301	3.041096	4.328767	46.32877	50.9863	62.21918
Senegal	2017	7.753425	2.794521	4.520548	47.26027	49.53425	60.41096
Serbia	2006	214.82	10.98	19.19	36.43	13.25	274.16
Serbia	2007	219.52	11.71	18.28	29.73	17.32	297.48
Serbia	2008	217.57	13.24	16.24	32.05	17.97	319.33
Serbia	2009	201.26	10.63	15.96	32.46	15.78	338.34
Serbia	2010	209.76	10.42	18.73	32.18	15.68	177.7
Serbia	2011	211.27	12.93	16.76	26.52	20.74	240.51
Serbia	2012	218.85	13.57	25.09	23.52	19.97	170.04
Serbia	2013	213.05	13.82	24.36	21.95	15.88	301.97
Serbia	2014	171.4795	10.60274	27.42466	25.72603	18.21918	235.9178
Serbia	2015	174.0274	11.75342	29.67123	27.47945	15.26027	260.274
Serbia	2016	177.5068	11.0137	26.76712	26.68493	12.68493	276.3836
Serbia	2017	179.2055	9.972603	25.80822	26	16.93151	244.4384
Serbia and Montenegro	1992	165.85	7.91	20.38	72.92	3.83	219.69
Serbia and Montenegro	1993	160.72	1.21	19.84	64.85	1.7	237.67
Serbia and Montenegro	1994	209.48	1.32	20.02	65.13	1.88	186.75
Serbia and Montenegro	1995	210.79	3.03	21.66	65.94	2.09	147.42
Serbia and Montenegro	1996	218.42	3.13	21.99	66.72	5.89	287.59
Serbia and Montenegro	1997	219.03	5.41	22.36	64.34	7.17	254.54
Serbia and Montenegro	1998	209.08	7.45	21.82	62.07	7.81	266.35
Serbia and Montenegro	1999	215.19	9.13	18.9	63.26	4.67	201.9
Serbia and Montenegro	2000	208.83	9.81	17.53	58.84	4.67	180.67
Serbia and Montenegro	2001	189.95	10.32	17.44	62.36	7.77	233.28
Serbia and Montenegro	2002	189.95	11.4	17.36	61.27	9.67	200.3
Serbia and Montenegro	2003	200.32	1.12	19.24	60.63	7.95	317.06
Serbia and Montenegro	2004	190.32	13.57	20.58	56.75	13.25	325.19

Serbia and Montenegro	2005	167.17	0.99	19.37	64.83	12.22	195.59
Sierra Leone	1961	7.97	162.82	2.06	44.59	31.98	98.91
Sierra Leone	1962	7.4	164.32	2.14	44.06	38.83	102.3
Sierra Leone	1963	5.82	164.34	2.26	45.92	39.82	102.6
Sierra Leone	1964	4.84	165.65	2.11	47.98	47.91	105.41
Sierra Leone	1965	5.28	165.61	2.5	48.1	49.56	107.06
Sierra Leone	1966	6.53	164.16	2.07	47.28	51.36	103.56
Sierra Leone	1967	6.02	164.81	2.72	49.01	46.75	103.72
Sierra Leone	1968	6.62	165.65	2.88	49.53	32.86	103.22
Sierra Leone	1969	7.52	165.98	2.83	51.29	44.63	103.7
Sierra Leone	1970	7.1	164.93	2.79	54.05	50.88	103.83
Sierra Leone	1971	7.27	159.59	2.75	50.84	49.05	101.75
Sierra Leone	1972	7.92	135.42	2.74	48.55	63.38	102.51
Sierra Leone	1973	9.52	117.49	2.73	42.03	87.4	101.39
Sierra Leone	1974	10.1	116.84	2.71	40.3	79.6	102.04
Sierra Leone	1975	10.87	126.73	2.71	44.02	74.36	100.69
Sierra Leone	1976	11.05	125.62	2.75	44.34	58.14	100.69
Sierra Leone	1977	10.32	127.99	2.81	43.34	59.57	99.85
Sierra Leone	1978	11.69	122.21	2.88	42.48	57	100.14
Sierra Leone	1979	7.98	119.27	2.96	40.98	61.63	100.04
Sierra Leone	1980	11.12	120.79	3.02	49.44	64.21	102.43
Sierra Leone	1981	9.21	117.97	3.09	51.2	68.25	103.51
Sierra Leone	1982	6.11	123.41	3.21	50.62	48.16	105.96
Sierra Leone	1983	4.73	135.12	3.04	45.62	50.02	105.79
Sierra Leone	1984	3.72	128.68	2.92	45.78	46.93	105.38
Sierra Leone	1985	5.26	133.44	2.97	46.05	46.22	104.97
Sierra Leone	1986	3.3	129.7	3.17	46.82	43.66	103.93
Sierra Leone	1987	4.64	126.03	3.45	48.74	38.54	102.14
Sierra Leone	1988	4.03	122.78	3.36	45.87	37.5	104.24
Sierra Leone	1989	6.66	120.79	3.4	45.1	36.2	107.06
Sierra Leone	1990	5.37	119.29	3.51	43.04	36.75	96.08
Sierra Leone	1991	4.63	119.03	3.79	44.56	43.52	97.29
Sierra Leone	1992	4.54	119.79	3.52	46.2	45.55	99.98
Sierra Leone	1993	3.54	121	3.56	47.51	36.89	98.47
Sierra Leone	1994	3.38	122.76	3.76	41.85	32.3	96.96
Sierra Leone	1995	3.04	123.56	4.14	44.47	35.72	96.2
Sierra Leone	1996	2.86	123.77	4.12	46.65	37.39	102.25
Sierra Leone	1997	2.67	124.2	4.11	46.5	42.54	105.16
Sierra Leone	1998	2.93	125.21	3.78	37.79	38.48	102.66
Sierra Leone	1999	3.82	125.79	4.58	34.39	35.24	101.99
Sierra Leone	2000	4.39	121.82	3.31	35.33	45.81	103.98
Sierra Leone	2001	6.45	130.13	2.11	33.17	45.26	103.92
Sierra Leone	2002	7.75	124.47	1.5	35.19	46.83	104.85
Sierra Leone	2003	7.35	124.82	1.5	32.79	54.19	103.02
Sierra Leone	2004	6.33	122.5	1.69	34.08	72.69	103.49
Sierra Leone	2005	6.06	118.04	1.88	33.43	75.9	104.18
Sierra Leone	2006	6.49	116.86	1.97	35.13	74.69	103.64
Sierra Leone	2007	7.02	119.07	2.79	36.25	71.68	103.73
Sierra Leone	2008	7.15	119.54	3.81	36.29	99.33	104.17

Sierra Leone	2009	7.42	119.96	4.5	37.35	95.86	104.74
Sierra Leone	2010	6.82	117.71	4.64	38.76	93.38	102.76
Sierra Leone	2011	8.46	115.65	5.1	38.1	93.79	106.15
Sierra Leone	2012	10.44	108.8	5.04	39.56	91.4	107.3
Sierra Leone	2013	13.39	106.48	5.26	40.96	88.41	105.56
Sierra Leone	2014	12.08219	2.657534	4.465753	37.45205	79.39726	94.65753
Sierra Leone	2015	13.83562	2.191781	4.821918	36.43836	75.64384	94.57534
Sierra Leone	2016	10.82192	2.520548	4.986301	35.89041	73.64384	94.0274
Sierra Leone	2017	8.328767	2.493151	3.863014	36.87671	72.05479	93.94521
Slovakia	1993	248.49	7.7	43.23	49.09	14	122.81
Slovakia	1994	292.51	7.54	45.01	55.34	17.97	130.06
Slovakia	1995	260.98	7.66	45.19	54.9	18.77	144.27
Slovakia	1996	278.92	8.59	43.33	48.79	24.94	204.69
Slovakia	1997	320.45	7.91	44.16	51.6	22.21	184.68
Slovakia	1998	258.47	8.72	43.65	54.25	21.48	215.72
Slovakia	1999	261.89	9.36	32.28	57.65	18.73	175.47
Slovakia	2000	274.94	11.58	31.46	52.66	18.88	182.06
Slovakia	2001	279.29	12.97	32.79	61.33	17.76	147.37
Slovakia	2002	286.98	11.08	33.38	57.68	18.73	156.97
Slovakia	2003	281.96	12.02	33.75	59.87	20.09	165.36
Slovakia	2004	263.14	12.27	32.93	60.36	21.04	142.26
Slovakia	2005	259.2	13.11	34.35	53.36	21.53	169.6
Slovakia	2006	258.85	14.09	35.13	59.75	24.63	160.37
Slovakia	2007	259.33	18.93	39.12	60.36	21.16	174.4
Slovakia	2008	256.15	19.16	40.64	50.48	21.39	182.6
Slovakia	2009	256.8	17.07	41.16	63.94	19.85	188.58
Slovakia	2010	230.63	17.16	34.47	65.4	21.73	177.07
Slovakia	2011	237.08	21.23	33.87	66.01	21.41	171.69
Slovakia	2012	243.31	12.63	36.83	73.1	20.78	146.64
Slovakia	2013	220.23	22.06	43.98	64.2	23.69	162.18
Slovakia	2014	228.8493	14.05479	31.42466	40.82192	23.15068	125.9726
Slovakia	2015	231.0411	12.38356	29.09589	53.28767	25.89041	140.4658
Slovakia	2016	232.1644	9.534247	32.27397	60.65753	24.9863	128.137
Slovakia	2017	231.0959	9.479452	35.42466	66.63014	26.54795	135.2877
Slovenia	1992	341.45	21.44	20.53	50.44	11.31	134.34
Slovenia	1993	365.27	20.5	18.95	49.05	14.63	173.92
Slovenia	1994	359.13	28.06	20.04	49.24	16.72	227.17
Slovenia	1995	362.53	26.86	18.86	42.73	19.58	234.98
Slovenia	1996	342.19	29.61	23.72	46.86	20.41	356.94
Slovenia	1997	326.92	23.62	27.4	43.98	18.62	299.23
Slovenia	1998	266.74	23.81	29.51	35.67	18.73	337.3
Slovenia	1999	264.67	15.64	30.61	37.26	19.21	360.77
Slovenia	2000	267.96	35.46	34	38.29	18.31	435.73
Slovenia	2001	217.6	22.13	29.34	50.59	20.77	320.11
Slovenia	2002	234.23	22.5	29.22	50.31	21.16	407.29
Slovenia	2003	219.56	20.47	20.98	54.23	23.04	387.17
Slovenia	2004	261.54	21.84	16.7	55.3	26.43	448.88
Slovenia	2005	292.06	21.34	18.04	51.1	25.64	418.03
Slovenia	2006	262.18	21.19	17.54	50.87	27.41	360.5

Slovenia	2007	278.46	23.81	20.79	50.1	28.76	347.96
Slovenia	2008	247.32	25.36	24.6	49.38	29.78	337.21
Slovenia	2009	248.43	26.25	28.33	48.71	29.68	364.73
Slovenia	2010	247.03	24.91	28.25	49.76	30.4	337.59
Slovenia	2011	256.34	20.74	26.71	48.52	30.61	336.16
Slovenia	2012	251.23	17.89	28.81	48.02	27.58	306.06
Slovenia	2013	234.87	19.28	25.65	48.91	28.92	324.87
Slovenia	2014	245.2329	14.76712	25.91781	24.0274	30.60274	321.4795
Slovenia	2015	242.9589	14.87671	24.30137	23.58904	30.84932	334.8767
Slovenia	2016	246.8493	14.9863	26.71233	25.45205	31.34247	299.5068
Slovenia	2017	248	16.27397	27.0411	25.9726	32.79452	325.5068
Small Island Developing States	1961	39.09	8.63	5.97	19.7	26.51	277.27
Small Island Developing States	1962	35.31	9.93	6.33	19.59	27.6	278.76
Small Island Developing States	1963	35.45	8.36	6.69	20.98	32.38	281.16
Small Island Developing States	1964	37.01	8.1	7.07	22.1	35.11	284.1
Small Island Developing States	1965	35.95	7.47	7.7	22.13	29.76	282.13
Small Island Developing States	1966	37.91	7.94	8.45	23.91	34.85	284.22
Small Island Developing States	1967	39.46	8.24	9.63	24.33	36.92	270.72
Small Island Developing States	1968	34.93	7.47	9.69	24.57	35.6	275.64
Small Island Developing States	1969	35.07	8.15	10.41	25.03	35.6	280.46
Small Island Developing States	1970	41.49	7.63	11.06	25.06	36.09	274.93
Small Island Developing States	1971	45.28	7.47	11.28	26.11	38.48	280.44
Small Island Developing States	1972	50.35	7.15	11.22	26.49	39.09	292.82
Small Island Developing States	1973	52.42	7.51	11.74	26.38	38.67	292.03
Small Island Developing States	1974	52.24	7.66	12.21	27.56	38.4	286.95
Small Island Developing States	1975	56.16	7.99	12.68	28.32	39.54	277.61
Small Island Developing States	1976	56.14	7.53	12.59	28.66	39.94	285.35
Small Island Developing States	1977	58.13	6.77	12.49	28.89	36.95	290.27
Small Island Developing States	1978	59.64	6.42	12.81	29.64	38.25	295.55
Small Island Developing States	1979	60.63	7.04	12.86	29.05	35.05	288.48
Small Island Developing States	1980	63.94	8.19	13.54	31	40.46	307.64
Small Island Developing States	1981	62.86	6.98	13.46	32.91	41.17	304.37
Small Island Developing States	1982	63.61	7.97	12.93	32.66	41.17	301.46
Small Island Developing States	1983	61.89	8.35	13.37	30.75	41.18	304.85
Small Island Developing States	1984	59.31	8.66	13.17	31.27	40.48	305.06
Small Island Developing States	1985	62.91	8.45	12.6	32.17	43.42	304.9
Small Island Developing States	1986	64.29	8.1	12.58	33.21	43.58	307.44
Small Island Developing States	1987	68.73	7.74	12.81	32	42.31	315.69
Small Island Developing States	1988	71.06	8.87	12.28	31.07	42.7	317.01
Small Island Developing States	1989	72.58	7.69	11.57	31.61	41.26	303.61
Small Island Developing States	1990	61.39	7.36	13.19	35.26	39.81	279.67
Small Island Developing States	1991	55.64	7.18	13.43	31.84	34.78	279.38
Small Island Developing States	1992	64.74	5.5	11.76	28.62	33.84	285.35
Small Island Developing States	1993	57.02	5.8	9.19	28.64	35.78	275.73
Small Island Developing States	1994	58.32	5.93	9.36	29.34	36.73	275.8
Small Island Developing States	1995	56.21	5.86	9.29	27.26	36.91	278.98
Small Island Developing States	1996	57.4	5.45	8.87	26.61	35.77	294.39
Small Island Developing States	1997	59.9	5.94	9.66	28.76	36.35	300.31
Small Island Developing States	1998	65.86	6.41	9.34	29.84	35.9	297.17

Small Island Developing States	1999	69.73	6.7	10.58	29.91	35.64	300.06
Small Island Developing States	2000	72.19	7.05	10.52	31.64	36.82	333.45
Small Island Developing States	2001	69.04	6.76	10.78	30.3	37.22	360.05
Small Island Developing States	2002	72.22	6.69	11.99	30.45	36.11	341.1
Small Island Developing States	2003	68.61	6.62	11.31	28.78	35.09	384.79
Small Island Developing States	2004	70.82	7.64	10.74	31.96	36	370.82
Small Island Developing States	2005	77.49	10.15	12.24	31.06	36.13	337.87
Small Island Developing States	2006	79.46	10.31	13.35	31.31	34.6	343.76
Small Island Developing States	2007	76.34	11.67	13.02	31.05	37.03	359.15
Small Island Developing States	2008	80.51	10.64	13.05	28.98	37.46	312.96
Small Island Developing States	2009	74.55	9.23	13.61	31.09	37.1	348.11
Small Island Developing States	2010	82.17	7.38	14.31	32.6	34.87	374.34
Small Island Developing States	2011	83.01	7.19	14.32	34.75	34.63	367.98
Small Island Developing States	2012	80.78	7.41	14.41	35.11	34.64	402.07
Small Island Developing States	2013	78.36	6.77	14.44	33.92	34.19	403.21
Small Island Developing States	2014	79.64384	6.493151	14.93151	34.0274	35.61644	415.5342
Small Island Developing States	2015	81.94521	6.794521	14.38356	33.61644	35.78082	415.2055
Small Island Developing States	2016	81.0137	6.767123	14.82192	34.27397	34.76712	438.5753
Small Island Developing States	2017	82.9863	7.123288	15.20548	34.52055	33.94521	436.9863
Solomon Islands	1961	10.77	0.46	4.01	5.03	90.57	346.16
Solomon Islands	1962	11.25	0.5	3.92	5.11	109.59	358.03
Solomon Islands	1963	12.52	0.44	3.82	5.85	106.19	352.1
Solomon Islands	1964	11.41	0.59	3.77	7.36	103	352.82
Solomon Islands	1965	9.34	0.5	3.78	6.43	99.99	351.46
Solomon Islands	1966	11.25	0.63	3.69	8.5	136.01	346.65
Solomon Islands	1967	11.45	0.55	3.7	8.57	143.6	341.63
Solomon Islands	1968	10.89	0.61	3.76	7.37	138.81	337.65
Solomon Islands	1969	12.35	0.58	3.89	7.6	137.87	337.37
Solomon Islands	1970	13.56	0.74	3.78	7.48	150.69	337.85
Solomon Islands	1971	13.96	0.67	3.68	6.96	163.58	346.09
Solomon Islands	1972	14.71	2.96	3.72	6.9	152.11	339.64
Solomon Islands	1973	13.85	0.72	3.67	7.05	154.95	335.99
Solomon Islands	1974	16.22	0.84	3.67	14.64	156	330.38
Solomon Islands	1975	16.26	0.5	3.51	14.72	159.26	335.21
Solomon Islands	1976	16.97	0.84	3.35	12.32	167.93	336.94
Solomon Islands	1977	18.57	0.61	3.27	12.3	158.62	329.23
Solomon Islands	1978	18.42	0.61	3.25	9.75	168.11	326.12
Solomon Islands	1979	24.93	0.75	3.22	19.33	162.67	309.61
Solomon Islands	1980	22.71	0.67	3.27	14.67	163.37	306.47
Solomon Islands	1981	23.59	0.58	3.73	13.02	126.21	322.78
Solomon Islands	1982	21.61	0.69	3.26	16.74	157.75	322.3
Solomon Islands	1983	25.84	0.68	2.79	16.36	159.03	328.42
Solomon Islands	1984	31.88	0.83	2.66	11.51	149	322.35
Solomon Islands	1985	33.08	0.78	2.73	14.95	146.65	313.75
Solomon Islands	1986	26.22	0.88	2.63	10.3	150.17	315.77
Solomon Islands	1987	19.81	0.51	2.49	10.4	130.65	320.16
Solomon Islands	1988	20.21	0.77	2.41	9.32	121.66	327.68
Solomon Islands	1989	16.71	0.45	2.41	9.23	145.61	336.38
Solomon Islands	1990	18.61	0.7	2.26	7.41	123.94	340.6



Solomon Islands	1991	18.23	0.35	2.36	8.69	131.94	342.71
Solomon Islands	1992	25.28	0.5	2.32	8.83	122.26	340.37
Solomon Islands	1993	8.08	0.37	2.51	8.93	113.14	328.78
Solomon Islands	1994	7.97	0.13	2.43	10.27	90.19	325.72
Solomon Islands	1995	6.24	0.18	2.62	21.77	96.99	328.79
Solomon Islands	1996	7.4	0.22	2.6	8.75	120.23	323.52
Solomon Islands	1997	11.51	1.06	2.86	9.13	129.22	326.65
Solomon Islands	1998	5.79	0.9	2.85	9.36	128.25	334.07
Solomon Islands	1999	4.92	0.87	2.85	9.73	107.12	288.76
Solomon Islands	2000	7.85	0.85	2.88	10.06	87.29	314.26
Solomon Islands	2001	10.6	0.83	2.92	11.11	82.99	320.35
Solomon Islands	2002	18.53	0.83	3.5	12.67	88.63	326.49
Solomon Islands	2003	19.05	0.7	2.85	12.65	90.5	331.38
Solomon Islands	2004	18.44	1.3	2.61	11.99	94.52	326.9
Solomon Islands	2005	28.88	2.01	2.83	10.93	92.43	336.67
Solomon Islands	2006	27.73	3.27	3.24	13.97	93.77	358.35
Solomon Islands	2007	30.93	4.31	3.6	10.22	95.53	374.56
Solomon Islands	2008	44.68	3.71	3.19	11.16	97.62	377.22
Solomon Islands	2009	29.12	3.7	3.42	11.77	97.48	380.46
Solomon Islands	2010	30.87	3.65	3.49	12.46	98.19	366.51
Solomon Islands	2011	41.43	2.21	4.17	13.51	96.01	359.16
Solomon Islands	2012	30.42	3.55	3.88	11.43	93.89	337.95
Solomon Islands	2013	18.21	3.35	3.5	11.71	92.06	336.8
Solomon Islands	2014	29.36986	0.60274	3.013699	11.45205	102.0274	316.1644
Solomon Islands	2015	29.09589	0.547945	3.068493	11.23288	96.63014	309.7808
Solomon Islands	2016	29.26027	0.657534	2.90411	11.09589	91.20548	305.7808
Solomon Islands	2017	30	0.849315	2.986301	15.78082	83.0411	299.5342
South-Eastern Asia	1961	4.22	1.81	5.63	8.47	35.37	154.02
South-Eastern Asia	1962	4.67	1.97	5.77	8.69	35.83	150.27
South-Eastern Asia	1963	5.75	2.04	5.82	9.22	37.51	151.28
South-Eastern Asia	1964	6	2	5.78	9.39	38.28	154.11
South-Eastern Asia	1965	6.46	1.73	5.87	9.71	39.81	152.83
South-Eastern Asia	1966	6.74	1.89	5.92	10.27	41.72	148.44
South-Eastern Asia	1967	7.64	1.48	5.84	9.85	43.78	146.61
South-Eastern Asia	1968	8.11	2.05	6.08	9.68	46.45	137.53
South-Eastern Asia	1969	7.85	1.75	6.35	9.8	45.76	136.6
South-Eastern Asia	1970	8.34	1.9	6.15	10.15	45.24	138.39
South-Eastern Asia	1971	8.42	2.07	6.29	10.23	46.05	138.03
South-Eastern Asia	1972	8.22	1.74	6.27	10.29	46.45	128.8
South-Eastern Asia	1973	8.18	1.53	6.31	10.09	46.25	136.82
South-Eastern Asia	1974	9.18	1.46	6.38	10.87	44.36	139.54
South-Eastern Asia	1975	9.23	1.71	6.63	10.41	44.67	139.42
South-Eastern Asia	1976	10.56	1.42	6.78	11.28	45.13	137.26
South-Eastern Asia	1977	11.81	1.58	7.47	11.96	47.11	153.79
South-Eastern Asia	1978	12.37	1.71	7.38	12.18	46.15	153.84
South-Eastern Asia	1979	13.45	2.02	6.91	12.82	45.35	167.83
South-Eastern Asia	1980	11.15	1.9	7.86	13.35	44.9	168.28
South-Eastern Asia	1981	11.02	2.22	7.74	14.44	46.68	175.85
South-Eastern Asia	1982	12.42	2.06	7.83	16.15	48.2	163.85

South-Eastern Asia	1983	14.54	1.92	8.19	16.26	51.25	164.1
South-Eastern Asia	1984	14.22	1.56	8.25	17.3	50.53	166.04
South-Eastern Asia	1985	15.05	1.61	8.28	17.51	49.82	166.66
South-Eastern Asia	1986	12.94	1.71	8.57	17.82	50.98	176.58
South-Eastern Asia	1987	15.25	1.94	8.61	18.56	51.2	176.49
South-Eastern Asia	1988	13.13	1.81	8.49	19.24	51.15	173.69
South-Eastern Asia	1989	13.87	1.82	9.59	19.14	53.15	176.95
South-Eastern Asia	1990	13.89	1.79	9.37	17.53	53.05	163.05
South-Eastern Asia	1991	13.56	1.78	9.7	17.51	54.15	162.88
South-Eastern Asia	1992	13.8	2	9.91	17.58	55.87	169.3
South-Eastern Asia	1993	14.73	1.94	9.67	17.35	55.93	171.69
South-Eastern Asia	1994	15.51	2.41	10.55	17.36	58.82	175.46
South-Eastern Asia	1995	17.67	2.94	10.53	17.48	61.19	188.05
South-Eastern Asia	1996	18.61	1.97	11	17.33	60.26	184.14
South-Eastern Asia	1997	19	2.42	11.19	16.43	60.63	180.72
South-Eastern Asia	1998	21.03	2.61	9.8	16.88	60.2	174.41
South-Eastern Asia	1999	20.09	2.53	10.15	17.95	64.62	185.28
South-Eastern Asia	2000	21.02	2.63	11.02	18.22	67.41	195.88
South-Eastern Asia	2001	21.59	3.14	10.98	18.02	68.65	200.09
South-Eastern Asia	2002	21.77	3.48	11.57	18.52	69.72	213.86
South-Eastern Asia	2003	24.05	3.51	12.05	19.04	70.72	217.58
South-Eastern Asia	2004	25.1	3.12	12.03	19.12	73.52	222.88
South-Eastern Asia	2005	25.6	2.78	12.15	19.36	76.34	226.82
South-Eastern Asia	2006	26.84	3	12.99	19.9	77.84	228.69
South-Eastern Asia	2007	28.48	3.47	14.05	21.89	82.59	237.28
South-Eastern Asia	2008	28.48	2.96	13.64	22.24	84.28	230.26
South-Eastern Asia	2009	27.16	2.73	14.4	22.92	88.77	234.29
South-Eastern Asia	2010	27.75	3.3	15.34	23.72	90.22	223.31
South-Eastern Asia	2011	29.21	3.72	14.99	24.76	92.3	233.72
South-Eastern Asia	2012	31.67	4.21	15.72	24.09	92.06	235.43
South-Eastern Asia	2013	31.72	3.75	16.41	24.27	90.96	219.84
South-Eastern Asia	2014	34.0274	4.90411	15.72603	23.89041	96.68493	218.411
South-Eastern Asia	2015	33.89041	4.931507	16.19178	24.16438	100.6301	231.0685
South-Eastern Asia	2016	36	6.136986	16.54795	24.21918	102.5479	225.726
South-Eastern Asia	2017	36.76712	6.90411	17.28767	24.38356	109.2877	229.3973
South Africa	1961	89.37	4.47	6.79	9.02	15.02	71.84
South Africa	1962	97.06	4.41	6.71	8.74	14.93	67.1
South Africa	1963	105.04	4.84	6.74	10.13	15.54	73.44
South Africa	1964	116.19	4.55	6.93	9.43	16.4	73.68
South Africa	1965	128.96	4.51	9.51	10.6	20.31	66.4
South Africa	1966	128.23	4.77	10.06	10.91	21.65	61.58
South Africa	1967	125.84	4.27	10.37	11.38	24.4	77.55
South Africa	1968	132.08	4.94	11.09	11.87	19.61	79.97
South Africa	1969	141.38	4.48	11.51	12.62	18.38	85.26
South Africa	1970	127.96	4.61	10.37	12.83	23.48	94.93
South Africa	1971	145.8	5.07	10.05	12.69	21.65	90.45
South Africa	1972	157.92	5.22	10.04	14.44	21.86	106.11
South Africa	1973	163.49	5.18	9.87	19.32	28.47	93.58
South Africa	1974	166.07	5.53	11.65	16.6	28.2	93.7

South Africa	1975	176.47	5.33	12.42	16.94	32.42	83.19
South Africa	1976	173.46	5.12	10.59	16.61	27.66	85.31
South Africa	1977	157.99	4.91	10.24	17.85	26.75	75.39
South Africa	1978	174.31	4.36	10.22	17.74	26.32	76.29
South Africa	1979	166.75	5.06	10.59	18.17	25.23	79.99
South Africa	1980	197.32	6.02	12.53	18.95	23.79	79.43
South Africa	1981	206.13	4.77	12.32	21.45	28.56	85.7
South Africa	1982	219.28	4.44	13.5	20.78	22.89	84.31
South Africa	1983	220.68	4.82	11.93	21.5	23.42	81.27
South Africa	1984	231.88	5.07	11.91	20.82	24.77	80.79
South Africa	1985	214.06	4.22	11.49	24	23.56	91.59
South Africa	1986	215.61	4.3	12.58	25.9	21.93	94.12
South Africa	1987	233.02	4.32	12.77	27.67	26.51	103.27
South Africa	1988	234.65	4.45	14.15	26.19	28.06	111.99
South Africa	1989	250.52	4.42	12.53	24.35	25.27	109.64
South Africa	1990	241.91	3.97	11.71	23.84	27.36	109.43
South Africa	1991	239.39	4.3	11.87	24.26	21.78	101.95
South Africa	1992	232.56	4.48	12.21	23.73	25.15	96.58
South Africa	1993	209.67	5.78	12.07	23.95	24.53	103.08
South Africa	1994	202.74	4.4	11.9	28.39	18.15	90.64
South Africa	1995	191.9	4.37	12.68	30.22	23.53	91.13
South Africa	1996	206.3	5.16	14.41	28.8	18.14	108.34
South Africa	1997	209.22	4.46	13.51	31.21	22.37	105.96
South Africa	1998	208.34	4.02	15.18	32.53	18.15	94.28
South Africa	1999	210.58	3.72	15.43	30.39	17.87	114.47
South Africa	2000	191.04	4.47	14.82	29.4	16.8	122.49
South Africa	2001	188.45	3.68	14.9	34.09	19.11	120.39
South Africa	2002	187.98	3.49	14.2	38.13	19.15	118.92
South Africa	2003	186.66	3.76	14.88	37.2	19.42	114.2
South Africa	2004	186.17	4.14	15.81	35.03	27.08	105.81
South Africa	2005	175.51	5.8	16.04	35.94	23.34	101.41
South Africa	2006	176.13	5.05	18.15	33.97	21.59	104.33
South Africa	2007	184.77	3.93	18.76	31.15	21.34	94.64
South Africa	2008	186.81	3.77	19.65	33.61	18.99	100.76
South Africa	2009	201.57	3.6	17.82	37.45	14.06	91.62
South Africa	2010	167.44	4.71	18.43	37.68	16.04	93.31
South Africa	2011	187.13	4.58	20.03	34.49	15.54	107.41
South Africa	2012	202.77	4.13	20.89	33.98	20.47	91.24
South Africa	2013	205.49	3.54	19.75	32.06	17.13	105.45
South Africa	2014	189.9726	3.643836	19.67123	31.83562	19.69863	83.20548
South Africa	2015	188.8219	4.246575	22.13699	32.90411	17.9726	86.10959
South Africa	2016	183.6712	4.30137	20.05479	32.87671	16.63014	64.54795
South Africa	2017	190.8493	4.219178	18.10959	32.82192	16.38356	59.31507
South America	1961	86.99	14.37	10.02	18.3	15.09	232.19
South America	1962	89.27	14.99	9.38	19.96	17.05	236.01
South America	1963	89.77	14.62	8.99	19.31	16.81	241.46
South America	1964	86.11	15.15	9.34	19.94	17.21	241.99
South America	1965	91.62	15.17	9.53	20.09	16.65	248.56
South America	1966	90.1	14.7	9.7	21.49	17.39	255.21

South America	1967	89.4	14.47	9.54	21.43	18.29	263.16
South America	1968	90.55	14.16	9.72	22.4	19.02	264.82
South America	1969	91.49	13.97	9.91	22.59	18.26	279.59
South America	1970	94.49	14.18	10.08	22.21	19.75	284.85
South America	1971	94.36	13.77	10.69	22.54	19.58	277.23
South America	1972	91.53	12.13	11.07	23.69	20.78	283.26
South America	1973	91.16	11.83	11.28	24.26	24.7	250.35
South America	1974	93.89	12.11	11.55	27.9	21.62	276.25
South America	1975	95.88	11.74	12.4	27.27	21.29	261.31
South America	1976	102.24	11.34	12.65	27.47	18.92	269.37
South America	1977	104.28	11.29	12.85	30.75	20.47	273.74
South America	1978	107.76	10.7	13.97	33.06	22.48	254.35
South America	1979	107.72	10.89	15.24	33.23	25.09	262.81
South America	1980	108.77	11.38	15.77	34.64	23.76	269.89
South America	1981	108.03	11.53	15.72	34.75	21.6	236.69
South America	1982	106.94	11.24	16.21	34.61	20.72	247.84
South America	1983	106.61	10.66	15.14	35.2	19.47	234.68
South America	1984	104.97	10.8	16.69	34.95	21.35	205.87
South America	1985	101.14	9.46	17.42	35.96	21.41	276.63
South America	1986	110.26	8.97	18.22	36.73	23.8	224.04
South America	1987	111.97	9.21	18.67	38.33	23.35	249.27
South America	1988	114.09	9.43	17.92	40.51	21.5	266.99
South America	1989	111.91	9	18.11	39.2	22.69	274.84
South America	1990	113.43	7.95	17.97	38.49	22.22	237.51
South America	1991	122.67	7.79	18.61	39.76	19.3	260.27
South America	1992	112.48	7.52	17.83	40.26	19.37	272.37
South America	1993	115.79	8.21	17.81	39.52	21.7	246.86
South America	1994	119.3	8.19	18.18	39.42	22.05	247.78
South America	1995	132.14	8.57	18.24	38.32	25.02	286.36
South America	1996	125.14	9.66	18	38.46	26.55	284.04
South America	1997	129.5	10.74	19	38.27	25.75	324.23
South America	1998	127.4	11.94	18.06	38.77	24.34	286.8
South America	1999	119.96	12.46	18.73	42.68	22.87	319.03
South America	2000	141.24	12.71	19.14	44.4	22.69	314.51
South America	2001	144.2	14.05	19.21	44.04	24.13	282.15
South America	2002	129.02	13.15	18.3	42.68	22.38	309.82
South America	2003	129.39	13.06	18.91	43.04	22.83	288.82
South America	2004	137.99	12.19	19.15	44.44	23.36	295.74
South America	2005	141.86	12.75	19.91	43.91	21.89	286.55
South America	2006	146.08	12.14	21.09	44.4	23.57	300.02
South America	2007	150.75	12.37	20.74	45.62	24.32	296.37
South America	2008	159.82	12.69	21.42	46.53	24.91	309.16
South America	2009	157.76	10.59	23.09	45.92	25.55	310.83
South America	2010	170.23	11.75	23.9	46.43	25.25	332.76
South America	2011	172.14	11.37	25.29	46.61	27.81	347.01
South America	2012	173.79	12.45	25.37	46.89	28.52	305.62
South America	2013	174.63	11.96	25.36	47.53	28.34	284.87
South America	2014	175.5616	9.09589	24.76712	49.58904	28.0274	312.274
South America	2015	170.6301	10.35616	25.09589	48.16438	26.57534	312.137

South America	2016	159.6986	14.60274	25.06849	49.23288	26.41096	295.1233
South America	2017	160.5479	10.63014	25.09589	48.68493	26.93151	295.1781
Southern Africa	1961	80.43	16.98	6.16	8.67	14.11	69.92
Southern Africa	1962	87.22	15.94	6.12	8.45	14.21	65.88
Southern Africa	1963	94.39	16.62	6.14	9.69	14.56	71.54
Southern Africa	1964	104.22	15.49	6.31	9.11	15.2	72.11
Southern Africa	1965	115.5	15.6	8.67	10.15	18.62	65.76
Southern Africa	1966	115.04	16.71	9.07	10.42	19.79	61.78
Southern Africa	1967	112.92	15.72	9.35	10.88	22.23	76.37
Southern Africa	1968	118.44	16.15	9.98	11.31	18.01	77.96
Southern Africa	1969	126.73	15.81	10.35	11.97	16.91	82.76
Southern Africa	1970	114.91	17.01	9.36	12.16	21.55	91.23
Southern Africa	1971	130.81	18.88	9.06	12.12	19.94	87.21
Southern Africa	1972	141.89	16.29	9.16	13.76	20.11	100.77
Southern Africa	1973	147.41	17.52	8.97	18.07	25.92	89.88
Southern Africa	1974	148.85	19.23	10.54	15.79	25.66	90.79
Southern Africa	1975	158.88	15.97	11.25	16.05	29.44	81.42
Southern Africa	1976	156.25	14.24	9.63	15.9	25.31	83.16
Southern Africa	1977	142.14	15.05	9.28	16.82	24.58	74.61
Southern Africa	1978	156.78	14.65	9.34	16.84	24.21	74.97
Southern Africa	1979	149.96	14.2	9.6	17.33	23.39	78.74
Southern Africa	1980	177.86	14.21	11.37	18.13	22.24	78.34
Southern Africa	1981	185.87	10.42	11.13	20.37	26.52	83.99
Southern Africa	1982	197.18	8.7	12.17	19.8	21.48	82.83
Southern Africa	1983	199.74	9.95	10.75	20.25	22.05	80.68
Southern Africa	1984	209.17	11.31	10.72	19.87	23.23	80.34
Southern Africa	1985	191.98	13.61	10.34	22.28	22.07	89.44
Southern Africa	1986	192.9	11.78	11.28	24.23	20.66	91.38
Southern Africa	1987	207.84	9.58	11.47	25.98	24.71	100.46
Southern Africa	1988	208.71	10.81	12.76	24.91	25.82	109.36
Southern Africa	1989	222.57	12.19	11.32	23.16	23.35	107.87
Southern Africa	1990	215.19	11.48	10.65	22.73	25.46	108.33
Southern Africa	1991	212.96	10.39	10.8	23.26	20.72	101.74
Southern Africa	1992	208.19	10.08	11.16	22.82	23.46	96.33
Southern Africa	1993	187.97	12.44	10.93	22.78	22.95	102.2
Southern Africa	1994	181.03	12.1	10.76	26.52	17.28	89.66
Southern Africa	1995	171.35	12.12	11.5	28.1	22.12	88.7
Southern Africa	1996	184.09	12.53	12.93	26.97	17.43	104.24
Southern Africa	1997	188.68	11.45	12.14	29.32	21.85	101.85
Southern Africa	1998	187.24	11	13.65	30.39	17.91	93.59
Southern Africa	1999	192.91	10.69	13.95	28.51	17.67	112.28
Southern Africa	2000	177.22	11.89	13.48	27.52	16.83	120.03
Southern Africa	2001	175.81	10.92	13.61	31.62	18.65	117.97
Southern Africa	2002	174.54	10.34	13.02	35.13	18.82	118.6
Southern Africa	2003	173.31	10.38	13.61	34.43	19.24	111.99
Southern Africa	2004	172.41	10.01	14.61	32.97	25.84	104.92
Southern Africa	2005	163.28	11.9	14.71	33.91	22.53	101.78
Southern Africa	2006	164.71	11.18	16.57	32.01	20.81	104.03
Southern Africa	2007	172.25	10.64	17.02	29.62	20.6	95.97

Southern Africa	2008	177.08	10.89	17.69	31.61	18.32	102.01
Southern Africa	2009	191.79	10.17	16.05	34.96	14.13	92.63
Southern Africa	2010	161.09	11.12	16.6	35.12	15.86	94.91
Southern Africa	2011	179.17	10.25	17.98	32.32	15.23	107.35
Southern Africa	2012	189.21	10.17	18.79	32.02	19.69	98.36
Southern Africa	2013	192.55	11.23	17.78	30.34	16.67	113.43
Southern Africa	2014	181.3973	8.383562	17.78082	30.57534	19.42466	86.87671
Southern Africa	2015	181.863	8.273973	19.91781	31.36986	17.67123	88.73973
Southern Africa	2016	175.1233	8.383562	18.08219	31.39726	16.46575	71.61644
Southern Africa	2017	179.0137	8.876712	16.35616	31.78082	16.30137	64.16438
Southern Asia	1961	0.91	0.98	1.11	10.16	6.83	82.97
Southern Asia	1962	0.91	0.93	1.18	10.62	7.06	84.18
Southern Asia	1963	0.8	0.93	1.2	10.67	7.39	83.1
Southern Asia	1964	0.87	1.11	1.2	10.46	8.55	84.29
Southern Asia	1965	0.86	1.14	1.29	10.93	8.73	85.86
Southern Asia	1966	0.92	1.24	1.33	10.51	9.01	86.24
Southern Asia	1967	0.93	1.15	1.51	10.29	8.48	88.56
Southern Asia	1968	1.12	1.19	1.57	10.49	9.08	87.72
Southern Asia	1969	1.2	1.34	1.63	10.53	9.18	86.23
Southern Asia	1970	1.21	1.23	1.68	10.99	9.33	84.52
Southern Asia	1971	1.33	1.44	1.76	10.88	9.45	85.12
Southern Asia	1972	1.39	1.34	1.94	10.82	8.92	84.18
Southern Asia	1973	1.5	1.45	2.12	11.89	9.55	83.84
Southern Asia	1974	1.53	1.46	2.17	11.72	10.53	85.1
Southern Asia	1975	1.46	1.39	2.29	12.99	9.7	84.19
Southern Asia	1976	1.66	1.41	2.45	12.49	9.46	84.75
Southern Asia	1977	1.8	1.64	2.57	13.48	9.8	81.89
Southern Asia	1978	1.74	1.82	2.58	14.17	9.57	83.28
Southern Asia	1979	1.67	1.73	2.37	13.65	9.3	84.72
Southern Asia	1980	1.58	1.59	2.51	14.72	9.35	86.26
Southern Asia	1981	1.67	1.45	2.58	14.8	9.24	85.98
Southern Asia	1982	1.82	1.64	2.65	14.77	9.06	87.9
Southern Asia	1983	1.75	1.68	2.9	15.23	9.37	88.68
Southern Asia	1984	1.72	1.82	3.09	15.43	9.93	94.91
Southern Asia	1985	1.87	1.88	3.23	15.63	9.82	92.78
Southern Asia	1986	1.97	1.66	3.29	16.09	9.79	97.48
Southern Asia	1987	2.02	1.74	3.31	16.23	9.82	95.74
Southern Asia	1988	2.11	1.82	3.42	17.62	10.32	91.75
Southern Asia	1989	2.29	1.79	3.57	18.32	10.97	94.29
Southern Asia	1990	2.33	1.73	3.62	18.4	11.09	98.09
Southern Asia	1991	2.54	1.82	3.71	18.7	11.59	99.16
Southern Asia	1992	2.25	2.12	3.88	18.87	11.89	105.6
Southern Asia	1993	2.38	1.92	4.08	18.15	12.31	113.51
Southern Asia	1994	2.46	1.97	4.34	19.1	12.39	119.14
Southern Asia	1995	2.86	1.83	4.32	20.83	12.55	115.74
Southern Asia	1996	3.42	1.92	4.44	21.91	13.35	118.61
Southern Asia	1997	3.02	1.74	4.43	22.99	13.76	120.54
Southern Asia	1998	2.91	1.77	4.45	21.81	13.88	123.79
Southern Asia	1999	3.3	1.93	4.65	22.98	14.4	122.69

Southern Asia	2000	3.33	1.81	5.13	22.6	14.09	116.35
Southern Asia	2001	3.14	1.93	5.26	21.26	14.8	117.7
Southern Asia	2002	3.1	1.91	5.24	22	14.74	114.38
Southern Asia	2003	3.4	1.88	5.28	22.02	15.1	117.15
Southern Asia	2004	2.85	1.96	5.66	22.45	15.29	119.66
Southern Asia	2005	2.34	2.02	5.92	23.85	15.75	128.89
Southern Asia	2006	3.15	2.04	6.08	24.5	16.44	137.51
Southern Asia	2007	4.42	2.02	6.26	24.76	16.48	143
Southern Asia	2008	4.14	2.11	6.44	24.04	18.09	151.05
Southern Asia	2009	2.82	2.07	6.55	26.01	17.89	148.61
Southern Asia	2010	3.25	2.02	6.72	24.73	18.62	154.63
Southern Asia	2011	4.22	2.01	6.74	25.36	17.74	150.56
Southern Asia	2012	4.34	2.41	7.18	25.76	17.61	151.91
Southern Asia	2013	4.27	2.46	7.63	25.1	17.43	161.5
Southern Asia	2014	4.027397	2.30137	8	20.35616	20.57534	161.7808
Southern Asia	2015	4.575342	2.410959	8.191781	20.10959	21.20548	160.0548
Southern Asia	2016	4.520548	2.465753	8.684932	20.32877	21.75342	158.2466
Southern Asia	2017	4.465753	3.671233	9.232877	21.0411	22.24658	159.6986
Southern Europe	1961	229.41	4.26	19	38.67	47.37	223.15
Southern Europe	1962	231.72	4.56	20.33	44.28	46	211.53
Southern Europe	1963	234.31	5.53	23.03	44.36	48.09	238.27
Southern Europe	1964	234.28	5.53	22.48	42.28	49.99	245.35
Southern Europe	1965	248.12	5.66	22.49	47.3	52.93	236.33
Southern Europe	1966	258.65	5.99	23.65	46.3	52.21	254.14
Southern Europe	1967	260.07	6.38	23	48.95	54.46	252.67
Southern Europe	1968	266.9	6.71	23.95	50.43	53.77	261.65
Southern Europe	1969	272.71	7.39	25.58	50.92	51.72	270.39
Southern Europe	1970	268.18	7.32	27.54	55.05	55.16	267.87
Southern Europe	1971	275.63	7.17	28.1	56.91	55.14	266.3
Southern Europe	1972	272.42	7.55	29.52	58.14	54.96	266.5
Southern Europe	1973	278.53	8.75	27.48	56.41	52.44	278.67
Southern Europe	1974	290.7	8.63	29.03	60.9	54.65	271.24
Southern Europe	1975	282.73	8.38	30.61	61.79	52.28	261.09
Southern Europe	1976	278.62	8.78	31.42	59.92	54.08	270.67
Southern Europe	1977	272.19	7.64	30.99	57.42	51.77	240.49
Southern Europe	1978	269.86	7.8	31.01	62.21	50.78	252.53
Southern Europe	1979	278.42	9.27	31.8	61.71	49.08	251.55
Southern Europe	1980	278.92	9.14	31.96	62.51	51.14	264.01
Southern Europe	1981	275.63	9.06	32.07	61.52	50.12	265.09
Southern Europe	1982	264.65	8.87	32.97	62.55	51.83	273.32
Southern Europe	1983	270.57	9.65	32.84	62.9	55.69	280.65
Southern Europe	1984	264.23	8.64	31.83	64.24	57.38	267.51
Southern Europe	1985	257.92	9.74	32.33	66.48	63.46	267.45
Southern Europe	1986	259.92	9.92	32.69	70.1	63.07	273.19
Southern Europe	1987	257.76	10.59	32.82	72.17	66.59	288.65
Southern Europe	1988	256.6	10.03	33.26	74.73	65.62	298.25
Southern Europe	1989	253.86	10.63	33.6	74.51	66.67	317.26
Southern Europe	1990	256.4	11.75	33.07	74.19	67.31	318.84
Southern Europe	1991	248.24	10.86	32.81	77.45	68.44	303.36

Southern Europe	1992	237.42	10.52	32.12	72.59	67.83	346.75
Southern Europe	1993	236.47	10.68	30.37	69.74	69.72	332.87
Southern Europe	1994	242.05	10.75	31.07	71.01	71.74	314.48
Southern Europe	1995	242.33	10.94	31.02	69.97	71.3	288.06
Southern Europe	1996	239.47	11.42	30.79	72.93	73.71	317.39
Southern Europe	1997	240.33	11.86	31.32	71.9	72.19	314.22
Southern Europe	1998	232.82	11.74	30.62	71.8	77.89	308.32
Southern Europe	1999	239.98	12.46	30.08	73.49	75.74	343.06
Southern Europe	2000	241.51	13.01	31.73	73.2	73.15	345.29
Southern Europe	2001	241.75	12.11	31.39	73.78	76.71	335.2
Southern Europe	2002	238.22	12.88	31.82	73.62	76.28	351
Southern Europe	2003	247.11	12.55	31.32	72.73	78.19	337.89
Southern Europe	2004	249.27	14.17	33.06	71.45	77.13	365.29
Southern Europe	2005	238.32	13.52	29.99	71.78	78.3	352.59
Southern Europe	2006	243.61	14.2	29.97	72.48	83.47	368.97
Southern Europe	2007	235.75	14.85	31.37	73.12	83.05	356.86
Southern Europe	2008	224.18	14.88	30.88	73.1	80.91	358.77
Southern Europe	2009	214.46	14.37	32.12	72.5	80.44	367.95
Southern Europe	2010	211.63	14.82	30.74	73.86	81.38	327.58
Southern Europe	2011	209.81	14.68	30.47	74.68	82.24	321.13
Southern Europe	2012	208.38	14.9	31.21	74.99	78.41	291.31
Southern Europe	2013	205.53	15.24	32.91	74.38	80.17	319.93
Southern Europe	2014	205.3699	13.80822	30.10959	65.56164	84.73973	289.6712
Southern Europe	2015	203.863	14	29.56164	66.16438	85.42466	319.6712
Southern Europe	2016	205.4521	14.05479	30.13699	66.63014	86.13699	300.3288
Southern Europe	2017	206.0822	14.24658	31.45205	66.21918	86.27397	300.411
Spain	1961	204.56	3.54	21.55	42.41	69.63	143.48
Spain	1962	205.53	4.06	23.69	49.95	70.57	128.73
Spain	1963	196.24	6.51	31.64	48	75.34	169.67
Spain	1964	227.84	6.89	28.44	41.08	74.93	171.97
Spain	1965	240.19	6.99	26.41	52.13	80.33	164.7
Spain	1966	250.57	7.16	29.6	45.81	79.75	176.02
Spain	1967	251.09	6.07	27.85	49.2	79.74	162.7
Spain	1968	238.57	6.71	30.5	49.81	87.19	178.32
Spain	1969	245.34	8.28	31.87	45.67	76.71	191.85
Spain	1970	247.89	7.83	34.43	50.11	85.59	183.76
Spain	1971	250.6	6.03	36.95	51.78	85.47	205.49
Spain	1972	260.73	7.28	41.03	53.67	88.24	235.36
Spain	1973	268.85	9.46	30.7	48.81	86.23	259.51
Spain	1974	299.35	8.69	33.84	62.97	96.44	250.92
Spain	1975	304.83	8.43	39.9	66.85	93.86	237.55
Spain	1976	301.48	9.51	41.78	61.73	97.07	228.99
Spain	1977	299	7.73	40.4	59.05	93.61	215.46
Spain	1978	299.96	8.32	38.29	57.33	94.76	254.26
Spain	1979	328.42	9.77	41.01	55.18	87.81	264.81
Spain	1980	320.41	10.51	43.22	63.39	88.49	255.43
Spain	1981	313.44	9.95	43.51	58.61	87.07	262.09
Spain	1982	282.91	8.95	45.31	61.78	86.65	268.82
Spain	1983	292.68	11.29	45.46	62.08	89.98	274.46



Spain	1984	293.9	10.04	41.68	58.79	89.77	248.22
Spain	1985	304.24	10.02	42.46	63.01	93.43	276.28
Spain	1986	310.84	10.77	45.18	70.04	94.35	267.72
Spain	1987	318.67	11.48	43.77	69.16	95.54	305.09
Spain	1988	318.14	10.54	44.93	73.73	98.23	305.23
Spain	1989	319.7	11.98	43.69	74.57	96.5	344.46
Spain	1990	331.99	12.29	44.56	73.79	96.44	325.92
Spain	1991	320	12.36	41.65	87.45	96.09	317.01
Spain	1992	300.94	12.66	41	87.23	102.23	364.39
Spain	1993	298.18	11.94	35.28	79.2	110.14	331.66
Spain	1994	299.38	11.97	38.16	80.21	115.55	301.86
Spain	1995	295.62	12.14	38.16	76.34	115.76	255.37
Spain	1996	287.58	12.04	33.25	85.39	117.07	288.47
Spain	1997	287.98	12.84	35.45	79.9	114.04	328.22
Spain	1998	270.94	12.17	33.11	78.98	128.77	291.38
Spain	1999	289.63	13.31	33.06	77.7	121.41	325.41
Spain	2000	294.97	13.03	38	82.47	115.83	310.51
Spain	2001	298.48	10.67	38.88	80.34	117.38	314.29
Spain	2002	300.38	12.08	41.7	79.46	116.08	341.5
Spain	2003	322.16	11.01	40.59	76.09	120.46	307.6
Spain	2004	325.19	13.39	45.29	75.3	116.11	270.08
Spain	2005	310.06	13.74	35.36	76.89	113.41	284.29
Spain	2006	327.46	12.42	38.62	75.48	123.92	304.51
Spain	2007	302.38	13.66	40.22	76.54	120.62	246.35
Spain	2008	287.71	13.1	37.56	75.83	117.19	276.27
Spain	2009	278.66	12.59	38.12	78.88	115.4	219.31
Spain	2010	273.38	13.76	37.55	78.78	117.92	227.54
Spain	2011	271.03	12.11	37.84	78.41	117.07	214.72
Spain	2012	268.69	12.84	35.7	79.36	111.2	190.86
Spain	2013	267.88	13.26	36.49	80.32	116.29	207.03
Spain	2014	265.8904	12.27397	32.9863	80.19178	120.7945	225.4247
Spain	2015	268.7397	12.63014	33.12329	81.42466	119.5068	269.9726
Spain	2016	271.1233	12.9863	34.08219	81.61644	116.3288	250.8767
Spain	2017	271.2055	13.31507	37.61644	81.42466	116.3836	254.5479
Sri Lanka	1961	3.22	3.36	2.53	9.58	45.01	288.63
Sri Lanka	1962	2.89	3.38	2.27	11.77	41.87	292.1
Sri Lanka	1963	2.68	3.77	3.75	13.52	45.24	298.25
Sri Lanka	1964	3.01	4.65	3.93	11.46	51.48	295.59
Sri Lanka	1965	2.93	4.18	3.63	11.52	43.61	297.26
Sri Lanka	1966	2.45	4.08	3.79	11.36	61.78	274.84
Sri Lanka	1967	2.34	5.22	3.69	10.7	43.63	342.67
Sri Lanka	1968	2.69	4.85	4.18	10.99	49.06	307.42
Sri Lanka	1969	2.83	4.97	3.94	11.59	48.49	303.18
Sri Lanka	1970	2.9	3.98	3.84	11.39	38.65	313.97
Sri Lanka	1971	2.35	4.16	4.22	10.93	30.59	310.58
Sri Lanka	1972	2.71	3.76	5.03	11.3	38.03	316.38
Sri Lanka	1973	2.16	3.78	3.93	10.13	29.87	304.11
Sri Lanka	1974	1.63	3.86	3.32	9.04	29.08	323.84
Sri Lanka	1975	1.99	3.78	2.97	9.83	27.73	369.67

Sri Lanka	1976	2.18	3.73	2.85	9.28	27.69	372.99
Sri Lanka	1977	2.5	4.13	3	9.26	27.63	353.5
Sri Lanka	1978	3.82	4.01	3.03	9.99	30.46	356.8
Sri Lanka	1979	3.41	3.4	4.07	10.75	36.29	467.66
Sri Lanka	1980	2.81	4.08	5.1	11.17	40.29	516.78
Sri Lanka	1981	2.78	4	5.06	10.8	37.81	413.94
Sri Lanka	1982	2.65	3.88	4.72	10.82	37.31	359.69
Sri Lanka	1983	2.34	4.74	5.08	9.9	36.92	383.62
Sri Lanka	1984	2.48	3.31	4.94	9.51	40.76	337.35
Sri Lanka	1985	2.52	2.67	5.42	9.72	40.25	282.35
Sri Lanka	1986	2.36	2.45	5.82	10.4	39.67	311.36
Sri Lanka	1987	2.36	2.76	7.05	8.95	41.32	277.96
Sri Lanka	1988	2.27	2.39	6.57	8.24	43.13	290.04
Sri Lanka	1989	2.12	2.86	6.95	7.87	41.6	303.15
Sri Lanka	1990	2.31	2.94	6.7	8.25	41.54	283.6
Sri Lanka	1991	2.4	2.97	6.33	7.66	47.09	275.72
Sri Lanka	1992	2.42	3.32	6.43	5.54	46.38	266.63
Sri Lanka	1993	2.29	3.77	6.65	7.05	43.85	298.39
Sri Lanka	1994	2.56	3.73	6.52	8.19	45.05	307.99
Sri Lanka	1995	2.78	3.94	6.42	8.18	49.06	295.18
Sri Lanka	1996	3.04	4.02	6.27	6.76	53.7	292.02
Sri Lanka	1997	3.46	3.85	6.21	6.12	58.76	273.7
Sri Lanka	1998	5.37	3.66	6.34	7.99	59.63	290.81
Sri Lanka	1999	5.29	3.71	6.49	9.42	61.67	283
Sri Lanka	2000	5.37	3.7	6.52	7.64	61.22	290.18
Sri Lanka	2001	5.04	3.7	6.56	10	55.83	278.11
Sri Lanka	2002	6.89	3.6	6.02	8.38	55.43	258.24
Sri Lanka	2003	6.81	3.48	5.91	8.45	61.06	264.08
Sri Lanka	2004	7.31	3.3	5.75	6.35	60.14	270.32
Sri Lanka	2005	7.63	3.09	5.31	7.37	45.17	273.57
Sri Lanka	2006	7.11	16.7	5.74	8.04	52.62	267.82
Sri Lanka	2007	7.04	18.19	5.81	8.6	57.57	272.8
Sri Lanka	2008	8.1	2.81	6.72	8.28	57	271.18
Sri Lanka	2009	7.72	2.2	7.32	9.03	58.65	267.38
Sri Lanka	2010	9.96	4.62	7.16	8.41	66.72	269.99
Sri Lanka	2011	14.15	3.14	7.45	8.06	71.94	282.16
Sri Lanka	2012	18.48	3.18	7.52	9.6	71.35	291.86
Sri Lanka	2013	17.84	4.36	12.53	8.91	70.77	296.3
Sri Lanka	2014	16.9589	2.575342	12.24658	7.616438	83.9726	293.9726
Sri Lanka	2015	17.12329	4.547945	8.575342	7.479452	84.46575	305.1507
Sri Lanka	2016	20.30137	7.534247	8.328767	6.630137	85.06849	297.589
Sri Lanka	2017	19.06849	7.890411	11.69863	6.986301	84.63014	314
Sudan	1961	1.28	49.96	1.77	16.18	3.48	101.51
Sudan	1962	1.58	65.27	2	19.07	3.68	101.38
Sudan	1963	1.81	57.18	2.12	19.02	3.97	100.69
Sudan	1964	1.84	59.48	2.47	19	3.88	102.41
Sudan	1965	1.77	44.29	2.58	19.94	4.06	100.27
Sudan	1966	1.9	32.16	2.78	22.57	4.27	99.95
Sudan	1967	1.89	50.04	2.74	22.89	4.17	99.72

Sudan	1968	1.96	57.66	2.69	22.86	4.41	97.76
Sudan	1969	1.53	59.63	2.66	24.06	4.31	96.32
Sudan	1970	1.44	61.06	2.63	29.09	4.16	95.85
Sudan	1971	1.53	61.17	2.61	26.57	4	99.52
Sudan	1972	1.61	59.91	2.55	27.95	3.95	97.49
Sudan	1973	1.67	60.61	2.5	33.02	4.09	102.17
Sudan	1974	1.86	63.79	2.54	35.36	3.76	100.38
Sudan	1975	1.96	59.2	2.69	25.51	3.63	96.23
Sudan	1976	1.86	60.22	3.03	29.75	3.83	92.83
Sudan	1977	1.84	56.7	3.33	38.64	3.56	90.5
Sudan	1978	1.7	66.59	3.67	36.14	3.85	87.97
Sudan	1979	1.84	58.87	3.95	35.49	3.93	88.88
Sudan	1980	1.79	57.68	3.75	31.44	3.5	89.68
Sudan	1981	2.53	59.75	3.37	28.15	3.67	86.51
Sudan	1982	1.77	53.62	2.77	24.42	3.77	84.78
Sudan	1983	1.1	60.32	2.79	24.84	3.59	83
Sudan	1984	1.08	50.93	2.76	22.12	3.59	77.3
Sudan	1985	1.06	62.61	2.77	20.4	3.18	79.06
Sudan	1986	1.03	61.51	2.94	25.86	2.68	78.9
Sudan	1987	1.06	57.2	2.92	21.92	3.04	78.12
Sudan	1988	0.8	65.85	2.89	21.33	3.1	75.53
Sudan	1989	0.64	61.53	2.91	16.29	3.4	73.2
Sudan	1990	1.06	59.97	2.92	17.28	3.47	59.99
Sudan	1991	0.93	64.25	2.95	17.29	3.52	73.52
Sudan	1992	0.83	64.77	3.07	17.17	3.49	71.89
Sudan	1993	0.87	71.13	3.06	19.31	3.88	66.91
Sudan	1994	0.98	67.57	3.02	19.73	4.13	69.13
Sudan	1995	1.08	67.62	2.93	20.03	4.09	70.53
Sudan	1996	0.99	69.06	3.05	18.04	4.07	73.81
Sudan	1997	0.96	70.05	2.87	19.15	4.14	73.86
Sudan	1998	0.93	66.03	2.64	22.46	4.25	76.52
Sudan	1999	1.13	65.68	2.5	21.66	4.12	80.32
Sudan	2000	1.02	59.94	2.3	21.8	4.35	88.32
Sudan	2001	1.07	62.18	2.17	18.89	4.64	92.58
Sudan	2002	1.35	56.42	2.02	19.37	4.45	103.82
Sudan	2003	1.21	57.23	1.88	16.13	4.46	127.03
Sudan	2004	1.09	53.74	1.72	17.43	4.54	146.75
Sudan	2005	1.16	52.86	1.81	14.91	4.18	151.77
Sudan	2006	1.32	53.93	1.8	14.51	4.35	165.52
Sudan	2007	3.09	56.36	1.83	18.12	4.78	145.41
Sudan	2008	3.96	56.44	1.83	16.99	4.8	145.96
Sudan	2009	3.06	56.59	1.83	19.06	5	151.84
Sudan	2010	5.34	57.24	1.88	17.67	4.93	153.13
Sudan	2011	3.28	57.23	2.04	19.08	4.99	160.02
Sudan	2012	1.34	50.56	2.67	25.13	2.65	219.15
Sudan	2013	1.44	56.66	2.72	22.78	2.6	216.44
Sudan	2014	0.027397	2.849315	3.315068	32.84932	2.767123	188.7397
Sudan	2015	0	3.616438	3.424658	31.15068	2.90411	216.8219
Sudan	2016	0	0.547945	3.424658	30.38356	2.90411	193.1781

Sudan	2017	0	4.164384	3.260274	31.0137	2.821918	196.7397
Suriname	1961	59.2	1.28	5.12	22.72	83.64	70.59
Suriname	1962	62.28	1.26	5.01	23.43	68.66	116.07
Suriname	1963	63.14	2.21	5.06	24.44	68.45	149.11
Suriname	1964	62.24	2.15	5.08	25.34	60.69	112.89
Suriname	1965	65.26	2.15	7.21	22.1	65.73	110.05
Suriname	1966	67.77	2.03	6.91	20.88	58.85	125.47
Suriname	1967	69.61	2.21	7.87	21.25	54.56	148.04
Suriname	1968	73.91	2.47	12.18	22.46	56.87	146.62
Suriname	1969	90.62	2.78	12.86	22.55	82.87	148.3
Suriname	1970	99.13	2.26	14.84	22.28	67.91	138.17
Suriname	1971	87.02	2.71	14.21	22.81	59.87	124.92
Suriname	1972	93.85	5.17	15.48	23.17	81.69	123.72
Suriname	1973	92.67	3.27	14.45	24.54	63.81	158.57
Suriname	1974	85.49	3.09	16.09	24.58	62.77	135.94
Suriname	1975	86.16	2.93	19.27	25.87	57.83	122.84
Suriname	1976	98.72	4.11	22.88	26.86	44.69	122.93
Suriname	1977	115.05	4.13	22.48	28.52	47.18	111.74
Suriname	1978	116.1	4.79	15.97	24.27	49.8	69.15
Suriname	1979	122.38	4.33	17.98	24.76	45.72	108.4
Suriname	1980	127.66	4.26	18.03	23.67	45.64	113.16
Suriname	1981	135.1	4.43	18.71	24.79	44.89	129.12
Suriname	1982	137.71	3.76	18.33	22.2	38.09	106.91
Suriname	1983	134.38	3.24	18.27	18.95	41.28	117.34
Suriname	1984	131.39	1.21	16.81	24.17	22.52	127.41
Suriname	1985	122.26	2.07	20.4	22.84	20.12	130.58
Suriname	1986	98.3	1.08	14.5	24.85	15.57	119.93
Suriname	1987	95.11	1.59	21	23.81	23.26	181.24
Suriname	1988	82.21	0.73	21.55	23.41	17.9	184.52
Suriname	1989	89.1	0.75	19.79	17.02	32.78	208.17
Suriname	1990	94.08	1.01	19.78	17.66	31.81	207.2
Suriname	1991	98.72	1.13	18.42	21.72	35.59	262.55
Suriname	1992	104.55	0.77	16.76	23.04	36.13	238.56
Suriname	1993	91.44	0.7	17.99	23.39	34.17	282.51
Suriname	1994	113.42	1.18	19.99	21.96	36.58	284
Suriname	1995	115.02	1.78	23.66	27.11	34.89	274.8
Suriname	1996	110.98	1.98	17.55	28.99	35.73	226.95
Suriname	1997	128.42	1.78	27.8	34.98	33	224.45
Suriname	1998	123.16	1.55	18.83	39.66	36.96	217.23
Suriname	1999	117.95	1.69	15.31	39.87	32.27	214.88
Suriname	2000	118.29	1.15	16.17	39.7	39.58	196.33
Suriname	2001	116.09	1.93	13.45	37.08	43.2	201.74
Suriname	2002	120.28	1.54	12.77	43.36	43.58	172.41
Suriname	2003	127.99	1.59	12.59	43.27	44.92	177.86
Suriname	2004	128.82	3.11	12.35	44.38	46.25	215.58
Suriname	2005	136.77	3.19	13.41	43.73	47.42	215.46
Suriname	2006	133.59	3.8	8.2	42.9	46.63	209.44
Suriname	2007	137.8	2.71	10.26	41.5	46.32	242.32
Suriname	2008	142.1	3.16	8.46	41.52	44.66	232.46

Suriname	2009	146.36	3.11	11.24	43.32	46.24	248.32
Suriname	2010	147.06	3.53	10.85	44.57	47.15	303.16
Suriname	2011	150.2	5.3	7.63	43.41	45.9	275.37
Suriname	2012	148.28	5.85	12.85	44.36	45.47	290.93
Suriname	2013	150.5	4.92	10.77	44.21	45.14	329.52
Suriname	2014	147.726	3.534247	11.58904	44.10959	47.17808	288.2466
Suriname	2015	143.0959	3.315068	14.41096	43.83562	46.65753	246
Suriname	2016	136.6301	3.150685	20.35616	43.17808	46.16438	243.6164
Suriname	2017	132.6027	3.178082	17.23288	42.90411	45.69863	290.7671
Swaziland	1961	15.31	252.31	1.29	5.82	0	84.16
Swaziland	1962	14.97	220.82	1.39	5.85	0	92.99
Swaziland	1963	14.65	180.46	1.27	5.88	0	87.84
Swaziland	1964	14.31	161.09	1.29	5.9	0	95
Swaziland	1965	13.98	167.99	1.17	5.7	0	102.33
Swaziland	1966	17.08	182.23	1.26	6.16	0	127.49
Swaziland	1967	16.67	209.11	1.27	6.7	0	156.93
Swaziland	1968	16.23	226.28	1.26	6.25	0.32	132.02
Swaziland	1969	19.57	239.08	1.83	6.44	0.32	140.85
Swaziland	1970	21.5	274.02	1.55	7.04	0.31	137.1
Swaziland	1971	19.69	340.5	1.77	7.68	0.3	121.53
Swaziland	1972	24.38	308.47	1.94	6.87	0.29	97.3
Swaziland	1973	33.19	311.54	1.94	8.43	0.28	110.33
Swaziland	1974	28.92	335.17	2.66	10.92	0.27	147.54
Swaziland	1975	42.4	321.93	2.34	11.18	0.26	140.12
Swaziland	1976	54.48	285.17	2.06	11.95	0.26	118.14
Swaziland	1977	42.34	231.39	2.14	10.23	0.26	138.46
Swaziland	1978	25.57	237.98	2.78	11.17	0.21	127
Swaziland	1979	19.2	227.54	2.6	9.42	0.28	142.87
Swaziland	1980	22.72	216.89	2.63	11.21	0.32	159.19
Swaziland	1981	24.71	93.35	4.17	11.45	0.31	151.83
Swaziland	1982	30.02	98.28	3.25	13.44	0.34	153.36
Swaziland	1983	21.65	124.15	3.5	11.08	0.33	140.41
Swaziland	1984	25.38	162.34	3.79	14.22	0.36	158.64
Swaziland	1985	26.62	230.53	3.03	11.69	0.35	162.8
Swaziland	1986	3.28	179.2	2.07	13.4	0.37	176.32
Swaziland	1987	3.36	79.54	3.18	16.25	0.36	212.53
Swaziland	1988	2.8	113.03	6.2	18.5	0.38	251.38
Swaziland	1989	4.73	174.46	6.32	21.82	0.36	244.62
Swaziland	1990	4.57	160.34	7.57	17.88	0.35	247.19
Swaziland	1991	3.06	156.33	7.38	16.89	0.32	216.98
Swaziland	1992	2.63	154.64	12.11	20.04	0.3	186.27
Swaziland	1993	2.93	176.88	6.55	15.54	0.33	167.72
Swaziland	1994	2.87	193.55	5.04	15.95	0.35	144.57
Swaziland	1995	2.82	204.56	5.47	13.17	0.39	98.49
Swaziland	1996	2.75	173.31	5.34	12.56	0.39	119.32
Swaziland	1997	90.1	133.28	2.87	15.97	31.09	68.97
Swaziland	1998	63.27	157.69	3.91	12.7	23.15	75.01
Swaziland	1999	95.17	173.56	6.58	12.66	19.64	83.87
Swaziland	2000	104.02	182.76	7.38	12.97	16.18	115.2

Swaziland	2001	147.35	171.05	6.78	10.81	11.58	162.63
Swaziland	2002	67.82	152.41	7.53	11.48	12.15	214.17
Swaziland	2003	69.65	152.74	7.06	11.73	25.68	183.49
Swaziland	2004	57.59	136.47	19.4	12.35	21.88	209.55
Swaziland	2005	56.1	143.24	13.43	14.82	18.64	232.79
Swaziland	2006	61.08	139.14	13.04	14.02	9.35	192.15
Swaziland	2007	31.77	147.45	7.07	17.82	6.83	184.59
Swaziland	2008	48.68	142.35	2.51	15.06	3.76	198.6
Swaziland	2009	24.64	146.19	2.45	13.98	3.83	203.41
Swaziland	2010	31.88	146.2	2.57	14.17	3.96	218.11
Swaziland	2011	34.38	139.55	2.5	13.6	3.68	221.68
Swaziland	2012	35.16	135.79	2.53	14.09	3.62	235.36
Swaziland	2013	48.95	154.08	4.11	13.51	3.56	241.92
Sweden	1961	105.17	28.86	31.42	46.37	71.31	169.68
Sweden	1962	104.27	30.92	31.63	45.18	72.83	203.08
Sweden	1963	111.58	31.93	30.64	44.01	68.91	189.96
Sweden	1964	136.84	33.3	31.09	47.35	69.22	214.72
Sweden	1965	143.53	33.34	30.79	45.33	70.27	201.92
Sweden	1966	150.24	34.78	30.65	45.91	73.39	196.02
Sweden	1967	158.64	36.26	30.45	46.33	72.4	212.97
Sweden	1968	179.16	37.59	31.74	46.38	74.62	225.59
Sweden	1969	196.87	37.3	32.25	47.75	73.75	212
Sweden	1970	195.29	37.33	33.06	49.8	78.49	240.56
Sweden	1971	195.56	36.03	32.59	50.94	77.02	233.54
Sweden	1972	199.68	37.23	32.66	50.65	75.83	231.71
Sweden	1973	195.45	38.6	33.1	49.81	72.2	231.56
Sweden	1974	206.05	35.44	33.02	48.47	73.1	228.86
Sweden	1975	210.24	37.97	33.36	50.02	76.34	238.11
Sweden	1976	205.96	39.96	32.93	48.08	74.26	253.77
Sweden	1977	198.18	24.69	33.5	48.74	75	242.49
Sweden	1978	183.29	32.29	35.12	49.59	73.15	223.98
Sweden	1979	182.51	34.92	34.33	48.2	72.21	242.8
Sweden	1980	177.97	33.48	34.2	47.81	74.06	224.32
Sweden	1981	171.46	36.96	34.84	50.35	68.55	234.68
Sweden	1982	172.37	34.85	34.77	48.63	71.87	219.48
Sweden	1983	175.4	34.19	34.98	47.16	71.46	214.84
Sweden	1984	172.2	32.76	34.82	48.52	71.19	213.4
Sweden	1985	175.02	32.15	38.01	46.45	70.57	210.15
Sweden	1986	186.66	33.31	37.77	49.76	72.4	219.23
Sweden	1987	186.53	33.31	37.53	51.9	73.52	231.47
Sweden	1988	200.54	31.45	37.67	51.93	77.58	245.79
Sweden	1989	215.3	31.24	36.91	50.18	76.83	263.56
Sweden	1990	212.16	33.98	35.06	51.22	75.33	268.59
Sweden	1991	208.38	32.76	34.08	53.69	75.9	245.99
Sweden	1992	214.13	33.63	34.13	53.96	76.49	246.64
Sweden	1993	209.57	32.95	33.67	59.16	77.49	241.9
Sweden	1994	221.15	33.68	33.5	53.83	76.65	254.72
Sweden	1995	224.44	28	30.98	62.6	76.28	227.45
Sweden	1996	220.08	32.51	33.39	54.73	72.18	229.5

Sweden	1997	217.93	30.24	31.71	60.12	79.26	256.38
Sweden	1998	212.69	29.65	32.26	51.81	76.27	255.77
Sweden	1999	202.22	28.66	31.93	53.52	76.19	273.44
Sweden	2000	206.7	30.48	31.52	51.4	77.04	273.86
Sweden	2001	207.78	29.12	30.21	54.01	79.55	282.34
Sweden	2002	214.2	28.98	27.9	53.85	83.27	303.1
Sweden	2003	208.42	28.92	28.55	50.69	88.95	319.97
Sweden	2004	190.51	31.57	31.4	53.24	89.19	317.15
Sweden	2005	178.83	29.51	30.4	52.74	89.25	304.73
Sweden	2006	189.42	30.27	30.35	51.88	86.7	310.6
Sweden	2007	178.76	29.24	30.64	51.15	89.76	326.37
Sweden	2008	172.62	28.54	31.54	51.23	88.86	372.52
Sweden	2009	165.99	27.96	32.91	51.26	82.08	327.46
Sweden	2010	178.83	33	34.09	52.62	85.57	331.38
Sweden	2011	212.57	29.76	33.84	53.22	85.63	325.31
Sweden	2012	215.59	29.67	36.18	52.84	84.34	327.47
Sweden	2013	217.72	28.92	36.62	51.74	87.7	346.91
Sweden	2014	217.7808	27.91781	35.47945	22.43836	96.0274	190.6575
Sweden	2015	223.0137	28.05479	34.68493	22.41096	91.23288	190.1644
Sweden	2016	226.7671	28.21918	37.06849	22.93151	88.21918	192.5479
Sweden	2017	225.1507	28.16438	36.9863	22.46575	89.91781	183.7808
Switzerland	1961	307.91	42.99	26.89	46.38	20.91	378.79
Switzerland	1962	312.81	59.63	26.58	51.31	22.11	467.41
Switzerland	1963	326.03	44.29	26.54	50.05	23.57	391.58
Switzerland	1964	326.74	51.02	26.72	51.49	23.67	397.09
Switzerland	1965	324.3	34.95	28.64	49.56	24.29	438.99
Switzerland	1966	332.2	27.72	27.67	55.08	22.71	421.53
Switzerland	1967	327.21	49.09	27.8	49.23	23.3	581.01
Switzerland	1968	330.09	40.15	29.19	49.46	26.05	394.77
Switzerland	1969	338.06	43.25	29.77	50.12	26.64	524.44
Switzerland	1970	336.8	24.85	31.14	54.1	28.46	392.56
Switzerland	1971	345.83	29.67	30.05	54.16	28.79	413.22
Switzerland	1972	341.05	26.96	30.83	52.51	30.87	323.44
Switzerland	1973	342.55	33.68	31.08	57.9	29.65	407.16
Switzerland	1974	337.27	29.36	31.34	52.3	29.11	355.12
Switzerland	1975	319.55	53.3	30.05	51.02	27.3	406.29
Switzerland	1976	319.16	38.54	30.14	50.55	20.24	354.66
Switzerland	1977	315.39	24.98	30.94	50.07	21.64	361.66
Switzerland	1978	314.03	25.82	32.13	47.43	22.07	382.04
Switzerland	1979	317.02	28.91	32.27	50.57	23.75	421.77
Switzerland	1980	330.96	29.12	32.44	51.37	26.54	394.74
Switzerland	1981	343.22	32.81	33.46	51.28	25.96	343.06
Switzerland	1982	361.39	29.53	33.35	49.18	25.8	401.75
Switzerland	1983	360.2	29.73	33.9	47.57	27.67	352.03
Switzerland	1984	339.28	29.03	33.27	46.69	28.62	359.18
Switzerland	1985	331.6	30.09	33.57	47.87	29.95	345.41
Switzerland	1986	326.22	29.43	34.67	48.24	32.33	357.94
Switzerland	1987	325.03	33.88	34.27	49.99	34.29	345.1
Switzerland	1988	312.57	31.56	33.02	50.24	37.25	372.88

Switzerland	1989	325.07	33.47	31.23	50.98	38.39	356.78
Switzerland	1990	318.21	35.54	30.92	52.26	38.97	353.2
Switzerland	1991	323.42	33.59	30.85	49.96	40.56	324.32
Switzerland	1992	318.89	32.78	31	49.91	38.58	344.72
Switzerland	1993	297.02	31.06	27.95	48.52	38.63	330.08
Switzerland	1994	291.64	30.79	29.46	53	40.37	322.28
Switzerland	1995	274.39	29.07	27.25	52.48	39.93	321.16
Switzerland	1996	271.1	29.61	28.08	55.02	40.11	335.47
Switzerland	1997	265.39	27.76	27.61	54.8	40.5	310.22
Switzerland	1998	261.36	28.58	28.51	56.01	41.48	322.3
Switzerland	1999	262.48	27.52	28.72	56.36	42.62	263.44
Switzerland	2000	254.57	28.6	26.77	55.47	43.34	249.37
Switzerland	2001	285.09	28.6	27.25	56.26	45.05	244.07
Switzerland	2002	279.75	23.38	28.19	62.26	42.69	243.67
Switzerland	2003	280.36	25.63	27.85	61.72	43.12	223.23
Switzerland	2004	268.7	20.64	27.74	61.69	44.13	212.76
Switzerland	2005	266.03	29.22	27.49	61.98	43.59	200.66
Switzerland	2006	268.09	24.26	27.86	65.86	46.55	207.31
Switzerland	2007	270.97	25.57	28.58	62.3	47.31	221.55
Switzerland	2008	272.32	26.41	28.73	66.18	48.63	241.16
Switzerland	2009	267.95	26.47	29.64	64.54	49.47	266.03
Switzerland	2010	268.83	25.89	29.86	63.3	49.54	286.25
Switzerland	2011	266.52	27.44	28.28	65.53	49.3	292.73
Switzerland	2012	262.33	26.85	28.18	62.35	46.46	303.28
Switzerland	2013	261.73	27.76	28.84	63.26	48.81	287.83
Switzerland	2014	263.5342	24.68493	27.50685	66.49315	46.38356	228.411
Switzerland	2015	255.2877	24.71233	27.61644	67.67123	47.36986	230.9315
Switzerland	2016	258.0822	24.65753	27.15068	64.68493	48.30137	225.5616
Switzerland	2017	248.3562	25.23288	27.39726	64.54795	46.52055	237.2329
Tajikistan	1992	22.07	0	5.75	23.86	1	75.4
Tajikistan	1993	13.09	0.34	3.9	31.1	1.32	77.13
Tajikistan	1994	11.75	0.29	2.98	29.5	0.67	68.2
Tajikistan	1995	13.01	0.31	1.23	21.72	0.29	77.41
Tajikistan	1996	11.03	0.22	0.14	26.34	0.17	87.17
Tajikistan	1997	6.36	0.28	0.14	22.29	0.23	86.02
Tajikistan	1998	4.72	0.42	0.36	21.95	0.23	35.62
Tajikistan	1999	3.2	0.77	0.28	18.34	0.21	36.71
Tajikistan	2000	2.81	1.07	0.97	19.98	0.21	54.72
Tajikistan	2001	5.45	1.92	1.31	23.4	0.24	47.38
Tajikistan	2002	4.8	2	1.48	23.28	0.39	33.69
Tajikistan	2003	2.63	2.1	2.35	25.09	0.57	13.84
Tajikistan	2004	2.97	2.49	3.08	25.46	0.54	46.96
Tajikistan	2005	3.98	2.52	4.03	27.71	0.43	43.13
Tajikistan	2006	4.56	2.19	4.02	23.37	0.91	52.11
Tajikistan	2007	3.93	2	4.05	27.01	0.86	49.09
Tajikistan	2008	2.58	1.06	4.9	27.45	0.97	61.45
Tajikistan	2009	2.33	2.55	4.86	26.77	0.94	61.72
Tajikistan	2010	2.2	2.42	4.85	27.49	1.02	62.45
Tajikistan	2011	2.37	2.67	4.91	29.19	1.42	77.82



Tajikistan	2012	3.36	2.27	4.79	27.15	1.39	85.68
Tajikistan	2013	4.3	1.82	4.67	26.95	1.36	90.98
Tajikistan	2014	3.205479	1.506849	4.684932	24.54795	1.643836	92.84932
Tajikistan	2015	3.178082	1.178082	5.205479	24.49315	1.452055	102
Tajikistan	2016	3.780822	1.643836	4.684932	26.82192	1.041096	106.6575
Tajikistan	2017	4.136986	1.753425	6.684932	24.90411	1.041096	112.2466
Thailand	1961	0.84	0.65	24.49	4.1	23.96	267.93
Thailand	1962	1.39	0.68	25.02	4.13	27.67	253.9
Thailand	1963	2.43	0.41	24.8	4.33	31.35	253.61
Thailand	1964	4.08	0.57	23.97	4.49	34.03	233.41
Thailand	1965	4.26	0.53	23.72	4.48	38.36	256.47
Thailand	1966	8.32	0.51	23.94	6.46	42.39	254.04
Thailand	1967	8.05	0.53	23.23	5.03	54.59	242.67
Thailand	1968	8.5	0.57	23.08	5.47	61.93	224.64
Thailand	1969	9.14	0.6	22.63	4.96	59.32	222.05
Thailand	1970	9.17	0.43	22.48	4.54	65.72	217.27
Thailand	1971	9.27	0.42	22.25	4.11	67.58	217.36
Thailand	1972	8.76	0.47	21.67	5.03	63.55	207.84
Thailand	1973	8.97	0.4	20.64	4.9	57.41	221.57
Thailand	1974	10.8	0.45	20.5	5.09	52.71	229.1
Thailand	1975	11.87	0.54	20.36	4.55	55.29	284.25
Thailand	1976	14.9	0.53	20.25	5.06	59.05	338.46
Thailand	1977	21.25	0.46	20.21	5.08	60.74	333.8
Thailand	1978	22.35	0.43	19.83	5.47	57.08	323.96
Thailand	1979	26.35	0.3	17.92	5.96	51.51	354.42
Thailand	1980	23.48	0.48	19.22	7.97	46.79	362.56
Thailand	1981	22.46	0.52	18.49	8.11	52.93	317.51
Thailand	1982	22.69	0.72	17.95	8.69	54.73	294.3
Thailand	1983	26.53	0.61	19.13	9.02	61.87	283.12
Thailand	1984	27.52	0.56	18.39	9.68	54.91	279.81
Thailand	1985	21.64	0.5	19.97	10.07	56.19	304.01
Thailand	1986	20.5	0.48	19.42	10.89	57.49	302.61
Thailand	1987	23.58	0.63	19.07	11.39	55.85	287.27
Thailand	1988	27.29	0.7	17.94	12.32	54.13	286.02
Thailand	1989	33.04	0.75	23.76	14.42	55.22	301.04
Thailand	1990	37.2	0.96	27.7	13.81	54.83	276.58
Thailand	1991	36.76	1.07	29.15	14.44	62.6	280.66
Thailand	1992	38.62	1.11	28.09	15.12	73.61	290.21
Thailand	1993	46.25	1.57	25.91	15.06	76.45	307.32
Thailand	1994	50.86	1.73	29.33	14.94	80.8	300.9
Thailand	1995	61.85	1.81	27.73	16.07	86.13	292.06
Thailand	1996	65.3	2.14	29	16.65	87.45	284.37
Thailand	1997	67.28	2.02	31.1	16.08	81.02	300.63
Thailand	1998	71.82	2.06	28.23	17.2	83.47	293.86
Thailand	1999	73.59	2.56	25.74	17.57	85.48	348.32
Thailand	2000	77.04	2.19	26.94	16.49	85.83	409.95
Thailand	2001	81.24	2.25	26.07	17.42	83.81	399.73
Thailand	2002	81.07	2.96	27.51	18.56	86.86	415.08
Thailand	2003	93.3	3.76	27.28	17.7	84.44	401.97

Thailand	2004	95.57	3.66	22.29	18.19	90.7	368.84
Thailand	2005	95.11	3.88	24.73	18.42	92.91	375.74
Thailand	2006	109.75	3.58	25.98	18.4	89.99	391.62
Thailand	2007	115.32	3.51	27.51	21.85	79.53	419.33
Thailand	2008	115.35	3.55	27.62	21.75	70.11	353.13
Thailand	2009	100.91	3.75	31.05	21.3	73.76	334.13
Thailand	2010	100.11	3.97	31.74	22.32	67.79	330.58
Thailand	2011	105.36	4.4	32.41	23.4	71.98	326.5
Thailand	2012	117.13	4.33	34.05	21.69	71.76	335.87
Thailand	2013	111.74	4.54	33.83	21.4	71.52	310.64
Thailand	2014	109.1781	2.575342	34.52055	19.58904	65.0411	284.137
Thailand	2015	112.6575	3.123288	33.20548	22.52055	65.72603	268.9041
Thailand	2016	113.2329	3.863014	30.32877	26.87671	74.35616	272.7123
Thailand	2017	109.6164	4.30137	33.86301	25.86301	80.90411	284.7945
The former Yugoslav Republic of Macedonia	1992	152.85	8.58	27.15	23.53	6.78	201.52
The former Yugoslav Republic of Macedonia	1993	130.41	5.33	29.38	21.1	8.09	174.35
The former Yugoslav Republic of Macedonia	1994	141.79	7.73	30.68	22.82	10.62	226.28
The former Yugoslav Republic of Macedonia	1995	121.79	7.21	28.83	20.78	11.04	216.97
The former Yugoslav Republic of Macedonia	1996	117.32	5.97	27.82	28.32	12.04	226.9
The former Yugoslav Republic of Macedonia	1997	104.66	5.12	30.69	29.08	11.27	244.61
The former Yugoslav Republic of Macedonia	1998	120.33	3.66	27.13	38.83	12.08	250.3
The former Yugoslav Republic of Macedonia	1999	108.38	6.8	25.14	42.81	12.64	271.55
The former Yugoslav Republic of Macedonia	2000	110.27	4.44	27.13	37.52	11.49	320.46
The former Yugoslav Republic of Macedonia	2001	101.49	8.42	27.2	41.8	9.81	221.88
The former Yugoslav Republic of Macedonia	2002	91.3	9.93	25.05	38.8	12.97	201.21
The former Yugoslav Republic of Macedonia	2003	115.65	11.03	19.7	44.47	13.25	259.9
The former Yugoslav Republic of Macedonia	2004	101.57	11.56	24.65	50.63	14.51	282.06
The former Yugoslav Republic of Macedonia	2005	97.6	12.16	23.69	49.03	12.83	304.23
The former Yugoslav Republic of Macedonia	2006	91.92	12.01	24.35	58.34	15.31	223.95
The former Yugoslav Republic of Macedonia	2007	88.64	11.63	22.34	58.82	16.74	314.22
The former Yugoslav Republic of Macedonia	2008	94.69	12.67	21.4	53.87	16.15	334.6
The former Yugoslav Republic of Macedonia	2009	88.47	13.49	20.85	53.7	15.43	331.61
The former Yugoslav Republic of Macedonia	2010	81.98	13	25.72	54.16	15.24	290.49
The former Yugoslav Republic of Macedonia	2011	81.07	13.16	19.57	52.99	15.68	302.09
The former Yugoslav Republic of Macedonia	2012	81.32	14.3	18.06	54.74	14.2	262.74
The former Yugoslav Republic of Macedonia	2013	87.42	15.06	17.48	54.27	15.14	278.3
Timor-Leste	1961	3	0.08	2.81	4.78	0	127.13
Timor-Leste	1962	3.15	0.32	2.95	4.58	0	126.19
Timor-Leste	1963	4.72	0.07	3.08	4.44	0	123.76
Timor-Leste	1964	3.06	0.07	3.02	4.48	0	121.51
Timor-Leste	1965	4.82	0.51	3.13	7.76	0	119.45
Timor-Leste	1966	6.61	2.4	3.25	4.74	0	120.05
Timor-Leste	1967	8.26	1.84	3.19	4.77	0	119.36
Timor-Leste	1968	8.55	1.13	3.13	5	0	120.04
Timor-Leste	1969	9.95	0.82	3.06	6.09	0	117.26
Timor-Leste	1970	10.3	2.49	3	6.19	0	118.07
Timor-Leste	1971	11.15	0.64	3.08	6.46	0	117
Timor-Leste	1972	6.64	1.07	2.99	5.05	0	117.02
Timor-Leste	1973	7.91	1.32	2.92	4.8	0	116.15

Timor-Leste	1974	8.19	1.97	2.88	4.75	0	113.41
Timor-Leste	1975	8.15	0.83	2.88	4.16	0	118.49
Timor-Leste	1976	8.27	1.39	2.92	4.02	0	119.03
Timor-Leste	1977	8.54	3.01	3.02	3.99	0	111.84
Timor-Leste	1978	8.86	3.13	3.13	3.98	0	108.93
Timor-Leste	1979	9.06	3.35	3.23	4	0	119.13
Timor-Leste	1980	9.2	3.3	3.28	4.03	0	121.26
Timor-Leste	1981	9.15	3.14	3.27	4.32	0	107.94
Timor-Leste	1982	8.95	3.07	3.19	4.33	0	95.4
Timor-Leste	1983	8.87	2.97	3.09	4.34	0	94.36
Timor-Leste	1984	8.57	2.87	2.98	4.34	0	77.17
Timor-Leste	1985	8.72	2.86	3.32	4.32	0	67.76
Timor-Leste	1986	8.68	2.82	3.23	4.28	0	69.5
Timor-Leste	1987	8.48	2.96	3.02	4.19	0	72.88
Timor-Leste	1988	9.04	2.89	2.41	4.18	0	68.71
Timor-Leste	1989	8.83	2.7	2.61	4.3	0	68.44
Timor-Leste	1990	9.48	4.81	2.92	4.26	0	75.48
Timor-Leste	1991	9.88	4.71	3.19	4.48	0	66.64
Timor-Leste	1992	9.53	1.59	3.31	4.62	0	67.12
Timor-Leste	1993	10.04	2.38	3.32	4.9	0	54.31
Timor-Leste	1994	10.42	2.24	3.02	4.41	0	81.95
Timor-Leste	1995	10.59	2.05	3.3	4.69	0	67.48
Timor-Leste	1996	10.72	3.43	3.51	4.18	0	58.65
Timor-Leste	1997	11.12	1.23	3.64	5.29	0	67.61
Timor-Leste	1998	11.85	3.53	4.02	5.43	0	53.34
Timor-Leste	1999	11.86	2.31	4.27	4.98	10.99	44.1
Timor-Leste	2000	12.06	0.83	3.35	5.6	11.61	47.52
Timor-Leste	2001	11.99	1.36	3.37	5.77	11.19	47.7
Timor-Leste	2002	11.73	2.84	2.76	12.2	11.33	51.8
Timor-Leste	2003	10.75	0.72	2.04	12.88	11.31	36.56
Timor-Leste	2004	10.19	0.58	2.23	12.85	11.88	37.15
Timor-Leste	2005	9.83	2.16	2.21	12.79	10.56	37.58
Timor-Leste	2006	0.54	0.18	2.3	12.61	9.38	39.47
Timor-Leste	2007	0.55	2.54	2.41	12.39	8.45	41.27
Timor-Leste	2008	0.75	1.36	4.54	12.48	9.55	40.95
Timor-Leste	2009	1.13	6.53	4.24	12.91	10.57	40.41
Timor-Leste	2010	1.51	6.94	5.17	13.46	14.02	38.06
Timor-Leste	2011	11.63	9.95	3.98	14.07	16.27	46.7
Timor-Leste	2012	13.91	11.11	8.1	18.56	16.01	47.6
Timor-Leste	2013	13.41	15.44	4.5	19.77	15.73	48.77
Timor-Leste	2014	9.506849	9.287671	4.657534	14.43836	19.06849	43.83562
Timor-Leste	2015	10.0274	15.64384	5.534247	15.64384	16.52055	44.08219
Timor-Leste	2016	10.05479	6.90411	5.69863	16.19178	17.28767	44.32877
Timor-Leste	2017	9.452055	21.39726	2.191781	16.57534	21.86301	45.12329
Togo	1961	10.04	72.96	0.68	16.15	8.91	40.14
Togo	1962	9.8	70.73	0.63	18.26	9.43	40.06
Togo	1963	10.61	62.36	0.78	18.16	17.04	39.79
Togo	1964	12.86	91.54	0.87	17.33	20.11	39.34
Togo	1965	10.53	85.4	0.88	17.84	22.76	38.49

Togo	1966	10.63	98.05	1.08	16.95	26.43	40.43
Togo	1967	10.51	111.68	1.08	16.33	31.41	39.61
Togo	1968	12.72	90.89	1.04	16.87	24.78	38.64
Togo	1969	18.34	67.68	1.06	17.71	32.17	38.15
Togo	1970	17.37	69.88	1.08	16.21	26.97	37.97
Togo	1971	16.77	72.47	1.09	15	25.77	37.61
Togo	1972	18.7	81.02	1.19	14.27	24.43	37.54
Togo	1973	19.31	96.03	1.09	15.08	28.27	37.91
Togo	1974	20.32	91	1.33	15.6	29.37	38.59
Togo	1975	24.56	63.12	1.45	12.76	31.6	38.24
Togo	1976	24.74	65.68	1.35	13.98	29.1	38.66
Togo	1977	32.99	71.85	1.46	12.6	24.93	39.01
Togo	1978	36.91	24.86	1.54	13.47	33.55	38.54
Togo	1979	39.61	21.01	1.48	12.97	21.9	39.02
Togo	1980	48.25	21.8	1.25	13.24	28.61	40.95
Togo	1981	61.72	19.08	1.09	11.33	31.87	40.65
Togo	1982	67.27	20.38	1.2	11.9	29.55	39.56
Togo	1983	44.83	25.28	1.41	14.71	27.25	39.04
Togo	1984	36.03	24.9	1.51	12.83	26.17	36.12
Togo	1985	39.82	30.22	1.31	12.32	31.28	36.6
Togo	1986	41.31	32.21	2.8	12.75	27.09	36.4
Togo	1987	37.89	35.64	2.76	15.46	33.68	36.62
Togo	1988	36.8	30.5	2.7	21.05	37.66	35.63
Togo	1989	35.53	21.95	3.01	19.41	36.36	34.55
Togo	1990	23.43	29.41	2.99	23.14	36.82	31.89
Togo	1991	21.21	22.77	3.04	22.24	32.44	34.5
Togo	1992	19.09	18.29	3.08	26.71	28.05	33.88
Togo	1993	13.07	26.87	3.18	21.11	26.62	33.02
Togo	1994	13.16	25.91	3.28	20.58	35.71	32.72
Togo	1995	20.86	26.42	3.2	26.86	32.36	31.86
Togo	1996	18.33	16.22	3.2	26.09	45.32	32.4
Togo	1997	18.07	16.92	2.86	21.91	39.1	32.87
Togo	1998	19.98	18.34	2.77	20.9	29.36	34.91
Togo	1999	17.95	10.72	2.7	23.92	31.39	36.05
Togo	2000	14.02	14.44	2.5	23.17	27.53	33.98
Togo	2001	13.51	13.03	2.4	31.05	23.29	34.16
Togo	2002	15.96	15.41	2.31	33.76	19	32.95
Togo	2003	23.77	13.39	2.23	33.24	22.93	33.87
Togo	2004	18.25	9.31	2.55	35.64	18.77	33.17
Togo	2005	19.54	13.78	2.66	32	24.12	25.34
Togo	2006	24.69	14.88	2.23	29.89	20.03	27.2
Togo	2007	26.67	14.16	2.42	27.74	18.38	27
Togo	2008	23.82	16.21	2.63	28.29	15.24	24.99
Togo	2009	23.63	12.69	2.55	28.19	18.8	26
Togo	2010	21.65	13.82	2.42	29.99	30.27	26.4
Togo	2011	20.26	12.66	2.33	30.31	33.75	27.62
Togo	2012	21.16	8.75	2.26	28.78	32.88	28.5
Togo	2013	22.41	17.77	2.34	27.64	32.04	27.77
Togo	2014	21.12329	8.684932	2.246575	17.0411	28.90411	24.52055

Togo	2015	21.26027	9.534247	2.520548	37.36986	35.28767	24.21918
Togo	2016	20.52055	7.205479	2.60274	22.52055	32.90411	23.94521
Togo	2017	19.42466	7.39726	2.60274	34.90411	32.13699	23.50685
Trinidad and Tobago	1961	42.18	3.43	2.94	25.24	36.68	120.17
Trinidad and Tobago	1962	42.84	8.28	3.07	23.86	41.38	131.19
Trinidad and Tobago	1963	45.03	1.74	3.54	24.24	39.54	134.43
Trinidad and Tobago	1964	42.35	2.76	5.14	23.4	40.62	162.32
Trinidad and Tobago	1965	52.33	3.75	5.45	27.32	39.9	175.97
Trinidad and Tobago	1966	45.14	3.08	7.39	25.3	40.17	183.34
Trinidad and Tobago	1967	41.17	2.22	10.48	24.07	36.92	196.5
Trinidad and Tobago	1968	40.43	2.42	10.74	24.13	34.06	202.33
Trinidad and Tobago	1969	56.28	1.67	15.76	24.17	35.84	214.27
Trinidad and Tobago	1970	65.57	1.32	17.2	23.41	34.09	206.76
Trinidad and Tobago	1971	71.49	1.64	15.53	25.63	32.56	205.92
Trinidad and Tobago	1972	73.11	1.63	19.12	25.69	33.83	209.27
Trinidad and Tobago	1973	76.62	1.86	18.72	24.51	26.03	211.44
Trinidad and Tobago	1974	71.53	2.88	17.92	34.9	27.86	193.53
Trinidad and Tobago	1975	77.8	2.75	17.63	26.02	29.2	201.51
Trinidad and Tobago	1976	88.93	1.76	17.59	29.09	32.71	201.23
Trinidad and Tobago	1977	96.19	2.62	18.41	28.01	27.13	244.3
Trinidad and Tobago	1978	80.52	4.51	20.13	29.83	39.25	233.94
Trinidad and Tobago	1979	93.83	2.58	20.08	28.02	31	315.81
Trinidad and Tobago	1980	110.24	3.66	20.08	27.62	34.45	320.19
Trinidad and Tobago	1981	103.02	2.63	20.49	27.66	42.08	273.16
Trinidad and Tobago	1982	96.91	1.66	18.95	27.33	39.03	298.13
Trinidad and Tobago	1983	99.96	2.78	20.08	25.84	44.91	308.82
Trinidad and Tobago	1984	99	3.01	19.8	23.08	44.58	277.44
Trinidad and Tobago	1985	94.89	3.14	19.88	26.52	44.1	271.6
Trinidad and Tobago	1986	95.84	1.67	19.04	31.11	42.05	194.65
Trinidad and Tobago	1987	94.96	2.59	18.97	32.62	40.87	229.25
Trinidad and Tobago	1988	81.45	1.71	16.35	37.3	34.4	211.23
Trinidad and Tobago	1989	104.01	2.77	4.57	38.28	40.04	166.86
Trinidad and Tobago	1990	90.66	1.4	5.58	33.75	33.34	180.45
Trinidad and Tobago	1991	116.33	2.15	4.68	39.74	36.08	253.37
Trinidad and Tobago	1992	107.99	2.19	4.55	43.71	33.59	231.15
Trinidad and Tobago	1993	84.7	1.41	4.43	44.35	19.06	233.44
Trinidad and Tobago	1994	75.62	2.53	4.47	45.81	31.64	174.51
Trinidad and Tobago	1995	38.12	3.09	5.19	42.89	28.79	175.08
Trinidad and Tobago	1996	43.94	2.35	6.13	42.9	22.89	182.71
Trinidad and Tobago	1997	69.92	4	8.04	42.97	26.72	174.81
Trinidad and Tobago	1998	75.3	4.04	11.73	43.16	32.46	196.5
Trinidad and Tobago	1999	83.26	4.12	9.04	42.06	33.2	200.57
Trinidad and Tobago	2000	79.82	4.52	9.6	42.12	36.13	199.15
Trinidad and Tobago	2001	96.54	4.63	8.15	42.38	46.09	205.11
Trinidad and Tobago	2002	108.37	5.7	8.45	44.31	59.93	213.58
Trinidad and Tobago	2003	66.59	5.62	10.04	42.16	49.21	228.29
Trinidad and Tobago	2004	78.35	9.54	8.23	40.5	55.85	192.96
Trinidad and Tobago	2005	80.31	10.09	9.45	40.99	66.58	223.19
Trinidad and Tobago	2006	100.52	8.18	10.51	39.51	52.51	223.97

Trinidad and Tobago	2007	102.59	12.53	10.93	40.14	54.01	212.78
Trinidad and Tobago	2008	110.81	5.54	11.17	38.21	54.29	212.5
Trinidad and Tobago	2009	83.91	10.98	14.47	40.21	54.27	201.91
Trinidad and Tobago	2010	93.43	8.49	11.55	39.68	54.41	222.11
Trinidad and Tobago	2011	67.18	6.23	8.38	41.88	65.87	338.28
Trinidad and Tobago	2012	64.8	7.81	8.47	43.46	65.67	340.56
Trinidad and Tobago	2013	78.14	8.8	11.52	44.66	65.48	332.23
Trinidad and Tobago	2014	65.80822	4.684932	12.49315	45.78082	64	188.7123
Trinidad and Tobago	2015	58.84932	3.369863	10.46575	45.23288	59.58904	228.0822
Trinidad and Tobago	2016	58.16438	4.60274	13.78082	43.61644	55.72603	164.137
Trinidad and Tobago	2017	67.78082	4.520548	11.34247	43.06849	65.34247	165.863
Tunisia	1961	32.28	5.04	3.68	25.39	11.28	131.22
Tunisia	1962	37.56	4.65	4.25	31.49	10.46	118.92
Tunisia	1963	35.77	5.54	4.12	37.66	13.34	117.89
Tunisia	1964	35.56	4.66	4.13	36.8	10.27	113.39
Tunisia	1965	35.73	3.37	4.42	44.58	13.02	121.97
Tunisia	1966	35.08	4.42	5.57	42.31	13.85	113.08
Tunisia	1967	30.11	5.57	5.34	44.35	14.92	125.27
Tunisia	1968	29.09	3.27	5.8	46.35	15.25	103.9
Tunisia	1969	31.13	4.28	6.48	43.76	14.8	98.36
Tunisia	1970	27.86	3.77	6.34	46.25	10.65	101
Tunisia	1971	28.18	4.16	6.39	43.64	13.26	107.1
Tunisia	1972	27.06	5.32	5.55	46.34	13.43	123.65
Tunisia	1973	28.03	5.17	6.25	47.74	14.4	106.53
Tunisia	1974	27.39	5.35	6.32	48.42	20.39	120.36
Tunisia	1975	24.54	5.44	6.91	51.26	21.02	132.3
Tunisia	1976	22.25	5.74	8.08	40.4	21.62	145.24
Tunisia	1977	23.79	4.32	9.91	36.66	24.09	147.27
Tunisia	1978	24.93	4.85	10.3	37.02	23.05	148.99
Tunisia	1979	23.09	5.34	13.23	43.49	23.93	150.27
Tunisia	1980	22	4.44	13.53	46.99	24.43	151.93
Tunisia	1981	21.55	6.22	14.33	43.35	22.11	160.84
Tunisia	1982	22.62	4.06	15.01	52.64	24.66	152.33
Tunisia	1983	23.16	6.4	17.35	53.13	24.72	166.01
Tunisia	1984	21.53	6.39	16.07	53.42	26.64	174.89
Tunisia	1985	20.35	7.1	16.88	50.73	30.78	175.11
Tunisia	1986	23.12	7.6	17.04	55.81	29.18	185.27
Tunisia	1987	20.68	5.65	17.14	51.94	30.24	192.28
Tunisia	1988	19.74	7.11	17.12	55.36	30.56	184.67
Tunisia	1989	21.2	4.88	15.13	57.35	26.89	197.66
Tunisia	1990	19.08	5.79	14.27	57.31	24.79	191.75
Tunisia	1991	21.44	5.86	15.62	49.17	24	197.54
Tunisia	1992	22.84	6.82	14.74	54.03	24.29	197.94
Tunisia	1993	24.95	5.53	13.38	52.5	21.93	246.34
Tunisia	1994	25.93	7.02	14.72	54.62	24.56	208.97
Tunisia	1995	21.53	5.03	15.77	50.76	26.51	192.88
Tunisia	1996	20.77	5.72	16.02	52.34	24.56	214.65
Tunisia	1997	22.51	7.05	19.91	56.69	24.68	221.31
Tunisia	1998	18.11	6.37	19.96	58.38	24.62	229.69

Tunisia	1999	27.1	6.39	21.16	65.79	27.46	237.48
Tunisia	2000	24.62	6.55	20.2	58.42	28.12	247.53
Tunisia	2001	23.03	7.69	19.96	57.02	30.42	237.73
Tunisia	2002	21.89	6.83	20.21	53.4	28.93	240.18
Tunisia	2003	18.53	4.79	18.73	50.87	30.68	242.28
Tunisia	2004	20.7	7.16	19.45	53.75	35.25	256.19
Tunisia	2005	20.23	5.88	19.8	46.9	35.77	232.82
Tunisia	2006	21.88	4.69	19.09	54.44	36.7	262.5
Tunisia	2007	23.3	6.72	20.08	46.96	33.14	234.44
Tunisia	2008	23.57	7.92	20.01	56.72	34.83	255.59
Tunisia	2009	26.43	7.32	19.65	48.26	35.92	250.77
Tunisia	2010	27.14	7.59	20.28	48.01	35.1	250.09
Tunisia	2011	27.05	8.93	20.2	48	34.15	270.14
Tunisia	2012	34.09	9.24	21.49	50.65	38.6	265.54
Tunisia	2013	34.47	8.71	21.01	51.61	37.3	254.74
Tunisia	2014	31.91781	8.657534	22.43836	53.45205	37.78082	250.7945
Tunisia	2015	30.52055	8.109589	25.0411	54.46575	35.42466	267.2055
Tunisia	2016	32.71233	7.753425	22.16438	52.90411	36.46575	254.0274
Tunisia	2017	32.9589	9.69863	21.34247	53.34247	36.0274	259.1507
Turkey	1961	10.88	1.2	5.45	22.53	6.55	363.94
Turkey	1962	11.55	1.28	5.63	20.23	4.84	360.58
Turkey	1963	10.46	1.2	5.45	24.98	11.3	311.42
Turkey	1964	11	0.96	5.43	28.92	9.96	317.65
Turkey	1965	12.14	1.07	5.68	21.51	10.29	350.72
Turkey	1966	12.26	2.09	5.6	30.23	8.87	328.09
Turkey	1967	11.1	1.29	5.77	25.81	14.25	384.54
Turkey	1968	11.55	1.98	6.44	30.48	9.95	404.94
Turkey	1969	12.69	2.29	6.52	22.32	12.92	366.93
Turkey	1970	12.91	2.5	6.59	27.96	13.12	399.49
Turkey	1971	13.03	1.58	7.23	30.27	11.91	380.01
Turkey	1972	13.53	3.01	8.16	37.97	12.55	354.93
Turkey	1973	14.64	2.54	8.14	27.39	9.89	336.86
Turkey	1974	12.8	3.18	7.79	29.13	7.73	365.77
Turkey	1975	14.94	4.25	7.64	35.04	7.21	351.1
Turkey	1976	15.36	4.84	9.12	40.44	9.07	338.95
Turkey	1977	17.65	5.36	11.81	29.56	9.57	333.9
Turkey	1978	17.32	5.66	12.61	32.7	13.22	364.75
Turkey	1979	17.14	6.27	12.23	31.12	16.14	372.8
Turkey	1980	19.76	5.78	11.15	40.74	20.21	388.92
Turkey	1981	21.15	2.52	11.96	31.62	21.31	362.4
Turkey	1982	21.38	4.3	12.39	36.65	23.26	382.23
Turkey	1983	22.04	6.17	11.51	31.71	21.07	371.04
Turkey	1984	18.04	6.8	11.21	38.16	17.32	371.25
Turkey	1985	14.29	7.93	12.02	40.72	24.43	342.75
Turkey	1986	14.07	8.37	11.63	40.84	23.06	350.91
Turkey	1987	17.16	7.95	13.1	42.64	20.71	333.64
Turkey	1988	18.53	8.45	15.18	49.98	23.97	349.76
Turkey	1989	20.8	6.21	15.1	52.16	16.96	341.1
Turkey	1990	23.18	5.4	17.12	45.56	17.08	340.98

Turkey	1991	24.83	7.41	16.87	47.11	14.98	345.41
Turkey	1992	27.86	7.51	17.83	44.14	21.04	351.32
Turkey	1993	31.17	4.63	21.55	46.47	22	352.57
Turkey	1994	31.69	6.74	21.4	48.23	23.22	335.18
Turkey	1995	33.59	5.46	22.87	47.81	27.8	317
Turkey	1996	34.25	6.01	25.02	47.22	24.3	332.4
Turkey	1997	35.86	6.37	30.17	50.09	21.42	320.04
Turkey	1998	34.7	8.19	34.3	44.99	22.68	336.49
Turkey	1999	33.82	9.63	32.92	46.02	21.32	321.7
Turkey	2000	33.16	6.85	31.9	48.5	22.08	340.58
Turkey	2001	36.15	7.05	24.85	49.22	21.42	301.74
Turkey	2002	33.6	6.71	27.55	48.25	18.96	315.37
Turkey	2003	34.46	7.57	29.32	48.57	18.75	334.46
Turkey	2004	34.2	10.04	24.89	56.26	22.23	302.46
Turkey	2005	36.2	11.16	26.8	53.13	20.58	345.74
Turkey	2006	36.46	10.96	25.81	54.09	23.37	332.35
Turkey	2007	36.15	10.94	26.11	59.09	23.39	337.14
Turkey	2008	39.82	10.04	25.62	57.36	21.13	358.03
Turkey	2009	38.58	9.23	25.94	60.67	20.6	366.07
Turkey	2010	39.34	10.79	19.21	62.05	18.82	344.54
Turkey	2011	39.95	10.04	18.3	66.78	16.56	354.8
Turkey	2012	38.98	9.68	20.88	61.48	18.71	365.83
Turkey	2013	37.78	9.25	22.48	62.71	16.65	362.28
Turkey	2014	42.43836	10.27397	20.35616	41.86301	13.91781	319.3699
Turkey	2015	39.47945	10.60274	20.79452	47.0137	15.09589	309.3151
Turkey	2016	33.34247	10.19178	20.19178	47.28767	13.47945	334.8767
Turkey	2017	33.20548	10.43836	20.35616	49.31507	13.26027	358.3836
Turkmenistan	1992	5.8	0	11.12	25.38	23.8	87.45
Turkmenistan	1993	7.37	2.34	10.21	33.36	12.52	90.97
Turkmenistan	1994	20	0.61	9.81	33.84	11.29	65.79
Turkmenistan	1995	20.73	12.41	9.52	30.01	7.1	66.58
Turkmenistan	1996	21.87	5.41	9.76	29.5	5.92	64.16
Turkmenistan	1997	25.71	0.56	9.51	29.42	5.73	69.49
Turkmenistan	1998	23.55	1.81	9.85	31.01	3.6	86.22
Turkmenistan	1999	23.46	6.45	9.79	30.13	4.52	85.96
Turkmenistan	2000	23.37	4.15	13.23	25.64	6	114.04
Turkmenistan	2001	24.63	4.23	14.59	23.51	7.31	116.9
Turkmenistan	2002	27.51	3.1	16.36	23.73	7.38	137.52
Turkmenistan	2003	31.27	1.3	19.49	21.38	8.88	153.08
Turkmenistan	2004	32.84	1.09	19.02	23.39	8.95	167.43
Turkmenistan	2005	34.02	4.64	24.55	23.54	9.35	179.45
Turkmenistan	2006	32.56	2.23	19.55	21.44	9.2	182.63
Turkmenistan	2007	28.91	1.63	24.92	24.87	9.18	200.92
Turkmenistan	2008	25	2.54	23.22	26.51	9.38	145.8
Turkmenistan	2009	23.54	2.28	21.86	27.36	9.51	151.15
Turkmenistan	2010	24.11	3.36	21.54	29.8	10.65	154.36
Turkmenistan	2011	22.84	1.79	22.92	26.26	9.76	150.56
Turkmenistan	2012	22.41	1.78	21.89	28.39	10.51	154.41
Turkmenistan	2013	22.3	1.36	21.6	28.89	10.21	153.69



Turkmenistan	2014	25.06849	2.931507	19.72603	31.15068	9.972603	168.8493
Turkmenistan	2015	24.21918	3.013699	20.0274	28.82192	9.917808	173.0685
Turkmenistan	2016	19.15068	3.424658	19.67123	28.93151	8.630137	158.9863
Turkmenistan	2017	18.9863	3.506849	19.36986	32.21918	8.054795	156.4658
Uganda	1961	6.7	558.12	1.58	6.22	21.54	368.69
Uganda	1962	5.54	552.41	1.6	6.06	23.25	371.99
Uganda	1963	6.38	556.83	1.6	6.22	25.22	389.05
Uganda	1964	6.26	556.15	1.84	5.98	24.73	390.18
Uganda	1965	8.34	458.3	1.82	6.96	25.95	385.72
Uganda	1966	8.13	479.03	1.84	6.8	26.86	364.41
Uganda	1967	8.3	525.27	1.83	6.07	31.61	453.77
Uganda	1968	7.25	543.34	1.81	6.06	33.19	496.41
Uganda	1969	7.53	545.88	1.79	6.66	37.08	421.29
Uganda	1970	8.74	664.08	1.78	6.71	37.37	348.94
Uganda	1971	10.82	699.36	1.82	7.32	39.11	338.73
Uganda	1972	11.58	629.5	1.81	7.31	45.4	370.85
Uganda	1973	14.05	676.95	1.88	6.67	45.34	379.45
Uganda	1974	12.35	677.22	1.98	5.26	43.63	396.21
Uganda	1975	10.39	634.74	2.26	4.68	47.4	410.6
Uganda	1976	6.57	660.48	2.5	4.55	37.48	357.78
Uganda	1977	6.08	623.35	1.85	4.25	52.36	359.49
Uganda	1978	6.04	588.99	1.57	4.39	51.89	382.91
Uganda	1979	3.02	492.37	1.77	2.86	40.48	559.67
Uganda	1980	3.54	430.24	1.73	2.65	36.2	498.04
Uganda	1981	2.23	405.01	1.7	2.83	35.3	507.16
Uganda	1982	3.02	429.77	1.79	3.52	34.96	576.34
Uganda	1983	3.75	389.63	1.85	3.08	34.3	548.89
Uganda	1984	3.88	421.81	1.8	3.15	41.02	505.06
Uganda	1985	3.75	375.48	1.85	2.91	30.06	543.92
Uganda	1986	4.86	387.56	1.95	3.54	35.67	527.62
Uganda	1987	4.5	396.14	1.67	5.54	34.83	540.1
Uganda	1988	4.7	410.29	1.71	5.02	35.98	547.24
Uganda	1989	4.38	418.83	1.75	4.69	34.36	544.9
Uganda	1990	4.27	416.5	1.78	9.75	37.67	551.63
Uganda	1991	3.76	408.34	1.81	10.85	30.62	561.41
Uganda	1992	3.55	394.54	1.79	13.35	36.87	526.14
Uganda	1993	4.13	396.35	1.8	13.65	28.64	542.54
Uganda	1994	4.93	395.19	1.76	16.34	26.64	581.38
Uganda	1995	7.53	392.34	1.73	14.37	23.13	604.37
Uganda	1996	8.99	393.15	1.7	14.48	19.76	610.74
Uganda	1997	11.82	372.83	1.68	14.17	24.04	604.54
Uganda	1998	14.93	382.79	1.63	13.1	22.67	580.44
Uganda	1999	14.65	373.31	1.72	13.82	23.69	550.96
Uganda	2000	13.07	362.16	1.71	12.47	20.84	552.93
Uganda	2001	14.19	362.15	1.66	11.54	19.82	555.36
Uganda	2002	12.56	356.55	1.58	14.04	17.52	545.07
Uganda	2003	12.35	342.34	1.54	17.1	19.01	515.54
Uganda	2004	13.64	332.67	1.62	20.37	29.72	497.22
Uganda	2005	14.5	330.7	1.51	22.41	31.85	443.59

Uganda	2006	15.52	320.85	1.57	23.16	29.09	443.62
Uganda	2007	14.66	308.71	1.52	21.13	36.44	434.3
Uganda	2008	15.64	206.5	2.01	23.59	34.03	382.48
Uganda	2009	17.97	192.83	2.71	23.05	36.51	374.84
Uganda	2010	20.42	201.19	2.59	24.16	36.97	375.62
Uganda	2011	26.75	204.33	2.65	24.69	37.62	366.29
Uganda	2012	29.2	194.12	2.63	24.1	34.28	342.05
Uganda	2013	22.78	178.89	2.65	23.41	34.24	322.67
Uganda	2014	28.52055	162.8493	2.767123	25.72603	39.53425	342.5479
Uganda	2015	26.79452	170.137	2.438356	23.0137	34	330.7945
Uganda	2016	25.58904	162.1644	2.493151	22.73973	32.13699	332.6027
Uganda	2017	24.60274	157.9452	2.410959	23.12329	30.87671	334.4658
Ukraine	1992	88.23	0.6	35.5	33	27.74	104.59
Ukraine	1993	77.76	0.86	32.23	29.96	20.68	110.03
Ukraine	1994	67.06	0.59	28.09	25.56	14.69	74.36
Ukraine	1995	56.45	1.62	27.33	28.38	22.05	92.11
Ukraine	1996	51.25	2.5	25.6	25.26	29.21	96.78
Ukraine	1997	56.6	1.5	24.22	32.22	25.45	112.2
Ukraine	1998	59.03	1.17	24.58	30.4	37.57	80.72
Ukraine	1999	67.39	1.73	25.57	31.53	30.07	62.99
Ukraine	2000	81.2	1.5	26.01	32.23	35.33	84.39
Ukraine	2001	91.71	1.79	28.28	33.91	38.35	78.58
Ukraine	2002	107.76	3.73	33.41	36.77	35.85	81.2
Ukraine	2003	122.56	3.64	33.55	38.38	35.46	99.36
Ukraine	2004	147.13	3.21	34.48	42.11	34.21	103.73
Ukraine	2005	164.23	6.11	37.97	42.39	45.7	111.16
Ukraine	2006	183.84	7.3	40.03	42.54	43.44	107.31
Ukraine	2007	214.9	7.92	40.17	45.47	49.12	118.39
Ukraine	2008	215.35	10.68	41.33	46.96	60.02	132.7
Ukraine	2009	199.21	8.32	43.45	47.13	44.65	126.59
Ukraine	2010	215.11	5.99	46.32	45.31	37.58	113.83
Ukraine	2011	209.75	7.5	49.31	42.78	38.94	159.02
Ukraine	2012	202.38	6.29	48.87	42.6	38.93	161.61
Ukraine	2013	191.22	6.37	49.35	42.23	46.67	170.05
Ukraine	2014	187.2055	4.465753	51.34247	39.45205	34.68493	130.7123
Ukraine	2015	157.2603	3.726027	42.84932	33.89041	25.42466	119.2329
Ukraine	2016	127.3973	4	39.86301	30.65753	28.57534	131.8356
Ukraine	2017	122.9315	3.890411	39.53425	33.47945	32	138.5479
United Arab Emirates	1961	0	0	3.47	11.01	52.32	79.4
United Arab Emirates	1962	0	0	3.14	9.93	50.99	74.9
United Arab Emirates	1963	0	0	2.81	9.07	51.97	73.21
United Arab Emirates	1964	0	0	2.56	8.55	50.24	73.6
United Arab Emirates	1965	0	0	2.38	8.01	53.61	71.3
United Arab Emirates	1966	0	12.49	4.17	8.12	49.86	94.06
United Arab Emirates	1967	0	17.9	6.53	7.83	48.75	99.29
United Arab Emirates	1968	0	12	9.19	7.39	48.44	121.05
United Arab Emirates	1969	0	16.14	14.79	7.27	46.34	128.65
United Arab Emirates	1970	0	9.56	18.48	6.3	46.06	132.64
United Arab Emirates	1971	0	11.77	15.02	6.72	47.2	113.39

United Arab Emirates	1972	0	10.75	16.72	4.66	47.78	126.09
United Arab Emirates	1973	0	14.23	17.51	5.67	47.8	337.14
United Arab Emirates	1974	0	17.08	23.61	7.29	48.52	236.05
United Arab Emirates	1975	0	11.5	38.26	6.89	50.79	424.98
United Arab Emirates	1976	0	12.44	42.57	10.18	53.02	505.61
United Arab Emirates	1977	0	11.37	27.29	8.12	53.2	481.86
United Arab Emirates	1978	0	12.3	47.72	8.67	51.66	486.5
United Arab Emirates	1979	0	10.49	47.09	10.5	58.22	449.37
United Arab Emirates	1980	0	11.78	45.2	20.73	63.82	332.39
United Arab Emirates	1981	0	10.92	57.1	22.25	61.67	350.29
United Arab Emirates	1982	0	7.44	47.38	16.95	59.63	342.17
United Arab Emirates	1983	0	8.56	41.2	10.55	58.54	362.11
United Arab Emirates	1984	0	9.56	42.23	15.88	59.54	599.16
United Arab Emirates	1985	0	8.07	40.23	11.33	54.91	532.57
United Arab Emirates	1986	0	5.96	33.14	12.42	56.33	547.25
United Arab Emirates	1987	0	8.24	32.43	19.1	56.78	586.03
United Arab Emirates	1988	0	7.7	35.27	20.96	55.16	389.1
United Arab Emirates	1989	0	9.09	36.22	39.15	55.02	409.28
United Arab Emirates	1990	0	6.64	36.36	23.89	55.93	406.16
United Arab Emirates	1991	0	7.38	38.32	25	54.93	396.24
United Arab Emirates	1992	0	6.43	34.39	22.75	59.39	393.56
United Arab Emirates	1993	0	9.84	29.47	29.43	61.74	368.68
United Arab Emirates	1994	0	11.11	33.27	22.69	68.44	415.11
United Arab Emirates	1995	0	8.24	34.84	18.54	65.07	359.7
United Arab Emirates	1996	0	14.4	34.55	17.19	65.56	392.76
United Arab Emirates	1997	0	6.48	27.61	17.04	65.26	360.91
United Arab Emirates	1998	0	12.62	31.55	16.23	66.13	334.68
United Arab Emirates	1999	0	11.63	35.41	16.95	72.6	368.21
United Arab Emirates	2000	0	13.01	31.83	17.7	69.5	322.66
United Arab Emirates	2001	0	10.64	29.11	17.03	72.44	358.74
United Arab Emirates	2002	0	11.84	27.27	14.12	69.63	404.57
United Arab Emirates	2003	0	12.78	33.69	16.4	71.7	359.68
United Arab Emirates	2004	0	9.5	27.59	16.94	75.67	305.16
United Arab Emirates	2005	0	6.57	27.1	18.23	65.43	180.63
United Arab Emirates	2006	0	8.95	23.85	18.57	65.79	303.5
United Arab Emirates	2007	0	13.88	24.3	16.68	67.14	296.29
United Arab Emirates	2008	0	12.77	23.32	19.14	64.46	273.22
United Arab Emirates	2009	0	7.85	20.84	26.17	67.82	232.13
United Arab Emirates	2010	0	4.76	16.06	27.26	65.64	200.83
United Arab Emirates	2011	0	6.77	14.58	29.65	65.38	246.23
United Arab Emirates	2012	0	7.64	16.16	27.03	63.37	252.88
United Arab Emirates	2013	0	10.72	22.54	22.59	62.44	341.56
United Arab Emirates	2014	0	6.164384	25.50685	28.9863	69.72603	306.7123
United Arab Emirates	2015	0	5.69863	27.12329	27.36986	69.28767	330.9863
United Arab Emirates	2016	0	5.589041	28.38356	28.52055	68.60274	333.1233
United Arab Emirates	2017	0	5.643836	20.49315	27.64384	67.69863	296.0274
United Kingdom of Great Britain and Northern Ireland	1961	252.6	15.17	40.56	48.38	54.3	154.14
United Kingdom of Great Britain and Northern Ireland	1962	251.14	15.8	40.63	48.58	56.95	177.1
United Kingdom of Great Britain and Northern Ireland	1963	253.44	16.06	39.7	45.87	55.19	164.58

United Kingdom of Great Britain and Northern Ireland	1964	264.08	15.21	43	44.54	59.03	173.07
United Kingdom of Great Britain and Northern Ireland	1965	261.74	14.66	39.68	43.77	60.16	165.71
United Kingdom of Great Britain and Northern Ireland	1966	266.71	14.77	38.87	48.44	56.08	159.37
United Kingdom of Great Britain and Northern Ireland	1967	270.79	15.74	40.42	46.01	58.34	154.53
United Kingdom of Great Britain and Northern Ireland	1968	277.07	17.15	39.15	48.39	59.89	167.24
United Kingdom of Great Britain and Northern Ireland	1969	287.39	14.55	39.69	49.04	58.07	163.75
United Kingdom of Great Britain and Northern Ireland	1970	294.31	16.46	41.91	48.92	57.38	172.27
United Kingdom of Great Britain and Northern Ireland	1971	305.84	15.99	41.73	47.39	53.68	176.81
United Kingdom of Great Britain and Northern Ireland	1972	312.6	15.06	41.29	48.57	51.13	169
United Kingdom of Great Britain and Northern Ireland	1973	333.98	16.42	39.84	47.74	51.22	184.63
United Kingdom of Great Britain and Northern Ireland	1974	342.8	15.26	40.63	47.46	47.55	164.8
United Kingdom of Great Britain and Northern Ireland	1975	347.16	14.51	38.48	46.18	46.11	154.49
United Kingdom of Great Britain and Northern Ireland	1976	353.12	15.2	38.75	49.6	48.78	160.32
United Kingdom of Great Britain and Northern Ireland	1977	349.64	14.45	38.69	45.89	46.8	149.2
United Kingdom of Great Britain and Northern Ireland	1978	357.53	12.53	39.84	48.86	44.3	152.62
United Kingdom of Great Britain and Northern Ireland	1979	369.13	15.72	39.69	49.96	44.42	166.33
United Kingdom of Great Britain and Northern Ireland	1980	352.14	14.79	37.73	51.37	43.9	163.79
United Kingdom of Great Britain and Northern Ireland	1981	339.22	13.74	36.88	52.31	48.43	167.93
United Kingdom of Great Britain and Northern Ireland	1982	329.09	15.45	36.56	51.65	48.01	170.27
United Kingdom of Great Britain and Northern Ireland	1983	337.39	14.35	33.65	52.51	46.77	180.52
United Kingdom of Great Britain and Northern Ireland	1984	340.81	16.6	33.58	52.58	48.33	183.05
United Kingdom of Great Britain and Northern Ireland	1985	338.87	14.9	35.79	54.18	50.62	181.15
United Kingdom of Great Britain and Northern Ireland	1986	340.71	15.42	32.45	55.23	49.12	190.94
United Kingdom of Great Britain and Northern Ireland	1987	347.69	14.33	32.48	54.75	49.55	200.67
United Kingdom of Great Britain and Northern Ireland	1988	352.54	15.12	29.7	53.75	51.54	205.01
United Kingdom of Great Britain and Northern Ireland	1989	352.99	14.8	26.37	53.45	52.48	217.95
United Kingdom of Great Britain and Northern Ireland	1990	352.08	14.61	29.09	55.04	50.59	213.55
United Kingdom of Great Britain and Northern Ireland	1991	339.11	14.59	28.42	57.27	49	209.75
United Kingdom of Great Britain and Northern Ireland	1992	329.27	15.94	27.71	64.52	50.39	217.55
United Kingdom of Great Britain and Northern Ireland	1993	320.21	15.09	27.34	61.43	50.25	222.02
United Kingdom of Great Britain and Northern Ireland	1994	331.3	15.91	28.03	57.46	51.8	227.45
United Kingdom of Great Britain and Northern Ireland	1995	319.38	13.25	27.18	57.96	52.7	220.38
United Kingdom of Great Britain and Northern Ireland	1996	327.45	14.75	27.56	59.11	54.94	229.33
United Kingdom of Great Britain and Northern Ireland	1997	334.88	14.64	26.81	60.1	57.32	222.87
United Kingdom of Great Britain and Northern Ireland	1998	321.31	14.63	28.26	59.39	53.15	250.57
United Kingdom of Great Britain and Northern Ireland	1999	326.07	12.81	25.45	59.1	54.2	241.54
United Kingdom of Great Britain and Northern Ireland	2000	310.15	12.69	25.44	59.42	55.84	237.01
United Kingdom of Great Britain and Northern Ireland	2001	323.58	12.6	27.37	59.87	58.73	256.65
United Kingdom of Great Britain and Northern Ireland	2002	325.5	12.79	27.41	56.04	57.17	272.35
United Kingdom of Great Britain and Northern Ireland	2003	337.79	12.33	27.04	50.51	53.72	321.17
United Kingdom of Great Britain and Northern Ireland	2004	333.13	14.03	28.58	54.29	58.77	322.25
United Kingdom of Great Britain and Northern Ireland	2005	338.67	13.79	27.91	54.4	57.36	352.24
United Kingdom of Great Britain and Northern Ireland	2006	316.11	16.49	27.74	59.96	61.91	385.93
United Kingdom of Great Britain and Northern Ireland	2007	305.88	16.1	28.11	54.67	59.67	352.37
United Kingdom of Great Britain and Northern Ireland	2008	292.94	16.52	28.77	56.74	58.28	372.12
United Kingdom of Great Britain and Northern Ireland	2009	267.35	15.24	28.29	56.46	54.91	347.16
United Kingdom of Great Britain and Northern Ireland	2010	272.55	15.45	29.7	57.83	53.85	341.99
United Kingdom of Great Britain and Northern Ireland	2011	279.09	15.7	29.06	54.53	55.84	349.23
United Kingdom of Great Britain and Northern Ireland	2012	260.82	16.39	29.72	54.44	55.45	349.89

United Kingdom of Great Britain and Northern Ireland	2013	250.14	17.1	30.35	53.64	56.89	353.86
United Kingdom of Great Britain and Northern Ireland	2014	264.5479	17.12329	29.20548	41.36986	55.12329	243.0411
United Kingdom of Great Britain and Northern Ireland	2015	272.7397	15.58904	30.35616	39.42466	54.79452	240.6027
United Kingdom of Great Britain and Northern Ireland	2016	268.4932	17.53425	30.65753	38.16438	54.41096	242.8767
United Kingdom of Great Britain and Northern Ireland	2017	255.4247	17.50685	30.76712	39.0411	54.05479	248.1918
United Republic of Tanzania	1961	5.08	198.05	2.55	7.67	17.87	144.8
United Republic of Tanzania	1962	5	187.5	2.53	7.59	17.33	142.04
United Republic of Tanzania	1963	5.34	189.03	2.53	7.01	18.54	150.26
United Republic of Tanzania	1964	6.03	137.73	2.54	6.89	23.68	164.4
United Republic of Tanzania	1965	5.53	144.06	2.6	7.68	23.65	162.06
United Republic of Tanzania	1966	6.22	157.57	2.75	8.34	22.58	194.88
United Republic of Tanzania	1967	6.08	131.38	3	9.31	28.08	157.53
United Republic of Tanzania	1968	8.05	139.31	2.97	9.23	32.24	133.85
United Republic of Tanzania	1969	8.09	134.15	2.98	9.32	29.49	153
United Republic of Tanzania	1970	9.02	152.88	2.94	9.43	33.5	187.11
United Republic of Tanzania	1971	11.61	121.73	3.14	8.95	34.16	151.88
United Republic of Tanzania	1972	13.35	130.07	3.24	10.67	29.28	137.45
United Republic of Tanzania	1973	12.86	123.06	3.46	9.8	30.14	136.71
United Republic of Tanzania	1974	12.39	124.72	3.49	11.76	31.31	142.1
United Republic of Tanzania	1975	11.76	170.6	3.4	13.7	36.81	140.03
United Republic of Tanzania	1976	12.22	198.6	3.7	13.22	39.08	166.46
United Republic of Tanzania	1977	12.74	220.82	3.77	13.19	43.75	163.77
United Republic of Tanzania	1978	13.93	286.86	3.8	11.67	33.16	159.83
United Republic of Tanzania	1979	13.09	354.13	3.74	11.29	27.35	155.47
United Republic of Tanzania	1980	9.88	279.68	3.79	10.57	33.52	154.6
United Republic of Tanzania	1981	9.71	230.61	4.18	9.66	32.92	153.45
United Republic of Tanzania	1982	9.47	302.37	4.14	10.51	31.42	149.63
United Republic of Tanzania	1983	9.31	242.01	3.2	9	31.81	146.86
United Republic of Tanzania	1984	9.59	224.12	2.73	10.31	35.8	143.75
United Republic of Tanzania	1985	10.52	291.09	2.86	9.82	37.66	140.18
United Republic of Tanzania	1986	8.77	260.15	2.84	11.07	37.63	137.81
United Republic of Tanzania	1987	7.71	246.55	2.9	11.08	40.3	136.89
United Republic of Tanzania	1988	6.87	164.39	2.95	13.64	44.88	135.33
United Republic of Tanzania	1989	6.71	211.08	2.73	11.55	41.75	126.39
United Republic of Tanzania	1990	5.54	163.67	3.03	11	44.34	140.44
United Republic of Tanzania	1991	6.75	191.13	3.3	11.75	33.85	130.9
United Republic of Tanzania	1992	7.72	193.48	3.33	12.65	32.54	129.71
United Republic of Tanzania	1993	11.74	180.99	3.31	12.75	30.94	116.8
United Republic of Tanzania	1994	11.66	186.39	2.99	11.62	25.37	109.07
United Republic of Tanzania	1995	11.42	183.59	3	10.61	30.44	96.34
United Republic of Tanzania	1996	13.34	147.42	2.97	10.5	26.06	98.33
United Republic of Tanzania	1997	14.54	211.98	3.01	11.92	27.81	122.43
United Republic of Tanzania	1998	16.19	188.82	2.64	12.87	24.49	144.46
United Republic of Tanzania	1999	16.09	164.85	2.67	12.92	22.36	135.06
United Republic of Tanzania	2000	15.66	161.02	2.51	14.44	20.69	128.36
United Republic of Tanzania	2001	14.59	170.78	2.35	14.3	21.58	137.94
United Republic of Tanzania	2002	14.07	138.04	2.35	15.17	20.94	228.52
United Republic of Tanzania	2003	14.9	85.9	2.33	17.47	20.95	175.63
United Republic of Tanzania	2004	15.23	154.48	2.35	15.64	18.9	219.4

United Republic of Tanzania	2005	16.04	154.42	2.25	21.11	20.33	224.8
United Republic of Tanzania	2006	19.73	158.75	2.1	17.62	17.91	265.66
United Republic of Tanzania	2007	21.82	180.47	2.04	21.95	21.96	236.99
United Republic of Tanzania	2008	26.39	121.48	1.84	19.18	13.96	240.48
United Republic of Tanzania	2009	22.31	163.16	1.67	18.84	16.71	232.46
United Republic of Tanzania	2010	21.65	174.05	1.69	18.52	17.19	245.97
United Republic of Tanzania	2011	22.14	177.08	1.63	19	16.27	253.42
United Republic of Tanzania	2012	22.64	147.19	1.66	19.45	15.78	219.07
United Republic of Tanzania	2013	22.75	160.58	1.58	18.83	15.31	234.06
United Republic of Tanzania	2014	24.32877	156.6849	1.424658	21.86301	17.36986	243.9726
United Republic of Tanzania	2015	23.91781	138	1.342466	20.76712	20.05479	246.1096
United Republic of Tanzania	2016	23.31507	122.4384	1.424658	23.15068	19.20548	245.8356
United Republic of Tanzania	2017	23.75342	121.6164	0.958904	28.49315	18.60274	236.7397
United States of America	1961	182.66	19.78	48.37	50.04	35.69	215.35
United States of America	1962	184.39	20.15	48.62	49.56	36.62	220.07
United States of America	1963	188.56	19.7	48.17	49.79	35.73	197.71
United States of America	1964	194.28	19.43	48.89	53.03	34.89	204.45
United States of America	1965	197.92	18.95	48.37	52.25	35.21	213.53
United States of America	1966	205.25	18.53	48.28	52.84	36.35	226.15
United States of America	1967	208.75	18.72	49.61	55.15	34.66	235.06
United States of America	1968	217.42	18.89	48.76	55.72	38.66	218.15
United States of America	1969	224.72	18.12	47.7	57.58	36.38	254.09
United States of America	1970	237.44	17.54	48.06	59.36	39.74	246.61
United States of America	1971	240.95	17.03	48.13	58.59	38.51	260.39
United States of America	1972	247.65	17.79	47.2	60.64	43.73	243.69
United States of America	1973	257.48	17.53	44.75	57.18	42.11	271.18
United States of America	1974	267.33	16.64	44	59.56	40.48	264.41
United States of America	1975	268.91	16.02	43.01	57.74	38.69	280.35
United States of America	1976	275.92	16.61	42.02	66.63	42.68	274.88
United States of America	1977	284.27	12.63	41.38	62.81	42.23	285.92
United States of America	1978	293.24	14.24	42.34	65.14	44.31	284.22
United States of America	1979	304.07	15.12	43.21	65.11	43.6	287.67
United States of America	1980	315.45	13.85	42.79	66.74	42.57	306.74
United States of America	1981	316.49	13.45	41.85	66.02	47.18	295.48
United States of America	1982	312.46	13.48	41.69	67.76	45.14	283.31
United States of America	1983	313.52	12.55	41.32	69.85	47.82	309.1
United States of America	1984	308.64	13.74	40.25	68.57	52.49	321.58
United States of America	1985	308.4	13.98	39.8	74.69	52.16	303.37
United States of America	1986	305.25	13.92	39.47	72.76	51.7	335.88
United States of America	1987	307.62	13.98	39.45	68.3	57.8	357.22
United States of America	1988	307.29	13.21	38.29	71.47	54.96	328.18
United States of America	1989	296.08	13.34	37.25	67	61.5	326.51
United States of America	1990	298.11	13.64	36.79	69.05	60.04	328.61
United States of America	1991	293.03	12.66	36.63	69.84	57.51	292.92
United States of America	1992	286.71	13.61	36.79	72.91	60.08	302.41
United States of America	1993	287.57	13.4	36.81	72.42	62.6	326.51
United States of America	1994	284.74	11.66	37.2	76.02	61.48	332.32
United States of America	1995	279.41	11.62	36.76	71.12	60.17	307.76
United States of America	1996	278.72	12.12	37.05	69.4	57.53	311.89

United States of America	1997	277.95	11.87	37.37	71.8	57.43	332.36
United States of America	1998	276.6	12.11	38.09	72.15	59.51	330.37
United States of America	1999	276.42	13.19	39.43	73.09	59.17	310.35
United States of America	2000	278.16	13.18	39.71	82.6	60.39	347.02
United States of America	2001	277.74	12.86	40.05	74.65	58.88	312.64
United States of America	2002	283.04	11.71	40.41	79.07	62.07	306.17
United States of America	2003	277.08	12.4	40.26	78.89	65.63	317.13
United States of America	2004	277.84	12.46	40.56	77.07	68.08	321.81
United States of America	2005	278.34	12.95	40.33	80.7	63.86	304.87
United States of America	2006	278.02	13.38	40.17	79.71	66.28	300.26
United States of America	2007	276.08	12.94	39	79.2	61.7	305.21
United States of America	2008	271.51	12.87	38.31	79.39	59.12	318.47
United States of America	2009	265.75	12.3	38.29	83.74	58.65	302.42
United States of America	2010	264.45	12.46	38.42	83.9	59.64	287.26
United States of America	2011	258.37	13	38.26	85.62	58.58	271.1
United States of America	2012	262.97	12.91	39.03	85.41	58.53	287.24
United States of America	2013	257.06	13.32	39.95	85.25	59.04	290
United States of America	2014	267.5068	13.23288	40.82192	50.79452	59.86301	238.137
United States of America	2015	269.9726	13.39726	40	51.0411	60.21918	237.3151
United States of America	2016	271.8904	13.45205	41.39726	51.20548	60.16438	242.1096
United States of America	2017	263.8356	13.50685	42.65753	51.20548	61.39726	248.8219
Uruguay	1961	195.57	20.6	16.28	25.35	11.4	149.47
Uruguay	1962	145.98	22.83	18.72	26.04	9.27	143.63
Uruguay	1963	192.04	17.19	17.23	26.96	10.3	141.43
Uruguay	1964	156.54	18.46	15.87	27.6	12.44	148.19
Uruguay	1965	159.29	11.28	13.56	26.81	15.45	133
Uruguay	1966	141.58	20.72	15.64	26.81	11.57	153.93
Uruguay	1967	138.32	14.27	14.33	27.12	9.86	159.95
Uruguay	1968	153.47	11.06	12.49	28.82	9.98	150.88
Uruguay	1969	148.79	16.14	13.61	28.55	11.37	169.06
Uruguay	1970	173.55	14.07	13.26	29.38	9.65	181.17
Uruguay	1971	176.72	15.69	14.91	28.91	10.8	159.04
Uruguay	1972	176.29	10.38	16.05	28.64	18.64	153.6
Uruguay	1973	165.73	10.25	13.51	28.74	14.84	129.51
Uruguay	1974	153.45	16.37	10.96	27.74	12.72	138.57
Uruguay	1975	158.08	18.25	10.42	26.96	14.06	118.15
Uruguay	1976	142.4	22.12	10.89	29.15	16.58	112.42
Uruguay	1977	107.8	18.86	10.88	29.72	17.31	126.69
Uruguay	1978	108.4	19.22	12.14	30.86	18.87	107.44
Uruguay	1979	119.92	20.23	11.65	32.42	18.64	160.04
Uruguay	1980	126.64	19.69	14.45	31.27	18.67	159.32
Uruguay	1981	135.71	19.26	14.68	28.31	12.25	152.99
Uruguay	1982	141.28	18.92	19.27	29.24	8.81	182.96
Uruguay	1983	152.07	16.03	16.85	26.16	8.17	151.51
Uruguay	1984	162.54	17.37	13.92	27.55	9.58	192.34
Uruguay	1985	138.5	18.93	16.44	27.42	7.6	164.7
Uruguay	1986	133.1	17.7	15.56	26.42	10.55	155.59
Uruguay	1987	134.28	19.12	18.78	25.92	14.21	196.41
Uruguay	1988	169.46	14.87	18.65	27.75	10.43	169.63

Uruguay	1989	158.37	12.17	16.49	27.74	15.9	157.09
Uruguay	1990	160.82	14.79	16.96	28.08	13.97	152
Uruguay	1991	136.08	16.37	17.08	25.08	15.96	145.61
Uruguay	1992	153.6	24.28	17.4	25.1	14.37	170.26
Uruguay	1993	157.15	19.31	18.91	27.16	19.17	161.46
Uruguay	1994	163.26	23.18	22.7	23.57	20.04	191.58
Uruguay	1995	171.89	23.58	22.59	24.26	17.44	159.86
Uruguay	1996	177.61	26	22.16	26.3	12.95	233.28
Uruguay	1997	198.11	24.75	22.22	27.26	16.03	266.96
Uruguay	1998	187.69	25.1	22.18	27.13	16.94	222.82
Uruguay	1999	180.72	24.7	25.21	26.4	21.77	218.62
Uruguay	2000	150.89	25.22	25.58	28.38	21.33	224.93
Uruguay	2001	156.1	26.02	21.54	28.01	20.5	259.1
Uruguay	2002	129.07	24.77	27.64	27.92	17.82	198.99
Uruguay	2003	139.9	26.94	25.22	33.62	19.28	213.17
Uruguay	2004	156.05	26.71	25.89	35.38	15.05	189.01
Uruguay	2005	153.61	28.39	29.62	34.45	18.41	235.09
Uruguay	2006	150.59	28.87	29.57	35.4	19.83	211.53
Uruguay	2007	147.21	28.29	34.04	35.95	20.46	259.46
Uruguay	2008	129.89	30.19	40.42	35.91	20.55	197.87
Uruguay	2009	126.93	29.96	35.86	35.91	15.96	213.56
Uruguay	2010	133.01	30.29	36.21	37.02	14.81	240.37
Uruguay	2011	144.68	31.88	36.77	36.75	19.69	244.53
Uruguay	2012	148.49	30.05	32.82	35.42	17.71	299.95
Uruguay	2013	139.52	31.17	36.01	36.57	20.5	210.93
Uruguay	2014	143.6712	28.60274	32.10959	40.35616	25.26027	226.4658
Uruguay	2015	146.4384	29.15068	30.10959	41.89041	23.56164	225.726
Uruguay	2016	158.5205	27.94521	31.23288	44.41096	22.54795	217.4521
Uruguay	2017	148	26.63014	32.41096	43.17808	25.31507	232
USSR	1961	80.32	0.98	19.06	20.19	38.43	50.46
USSR	1962	80.31	0.93	19.17	21.99	42.45	57.94
USSR	1963	82.02	1.12	17.94	24.77	45.49	62.04
USSR	1964	90.48	1.22	17.14	24.22	49.64	64.73
USSR	1965	94.21	1.24	18.47	24.59	53.87	74.25
USSR	1966	99.99	1.12	19.57	24.5	54.57	64.69
USSR	1967	103.66	1.11	20.8	24.26	58.39	75.54
USSR	1968	110.89	1.11	21.69	27.42	58.75	81.72
USSR	1969	120.05	1.29	22.22	24.92	63.79	74.97
USSR	1970	128.43	1.44	24.05	26.28	67.9	92.06
USSR	1971	128.6	1.6	26.58	24.9	62.89	98.7
USSR	1972	121.15	1.66	27.99	25.18	72.02	86.54
USSR	1973	129.91	1.55	29.69	25.58	74.32	102.17
USSR	1974	133.78	1.77	31.59	26.04	77.21	97.81
USSR	1975	138.72	2.01	32.39	22.95	78.05	106.14
USSR	1976	146.44	1.95	31.05	29.12	73.95	114.47
USSR	1977	146.05	2.02	33.79	27.58	69.72	111.55
USSR	1978	140.27	1.85	35.16	27.52	70.07	111.89
USSR	1979	141.25	1.99	36.11	29.76	71.84	108.01
USSR	1980	143.69	2.39	36.94	29.69	72.63	108.49



USSR	1981	147.8	2.52	38.06	29.51	76.39	115.81
USSR	1982	152.03	2.51	37.9	30.02	76.07	119.54
USSR	1983	152.3	2.37	38.96	31.41	73.46	130.94
USSR	1984	145.15	2.64	38.98	31.66	78.41	128.39
USSR	1985	136	2.98	39.93	34.05	81.15	116.23
USSR	1986	94.24	3	41.15	30.77	83.24	137.19
USSR	1987	93.74	3.48	41.82	30.48	79.36	124.77
USSR	1988	98.64	3.07	42.23	30.47	76.07	123.63
USSR	1989	107.19	4.76	40.99	31.4	73.9	114.99
USSR	1990	105.42	4.78	40.55	30.5	67.5	103.43
USSR	1991	96.44	3.68	39.36	21.93	59.78	97.43
Uzbekistan	1992	20.04	0.77	12.25	34.43	3.57	86.77
Uzbekistan	1993	18.21	1.65	11.33	37.42	2.59	70.66
Uzbekistan	1994	20.43	3.48	9.66	37.63	1.79	74.21
Uzbekistan	1995	23.01	1.26	7.98	38.99	1.76	94.3
Uzbekistan	1996	21.1	0.7	6.72	36.78	0.86	88.79
Uzbekistan	1997	19.23	1.73	6.7	37.4	1.36	83.41
Uzbekistan	1998	18.35	1.04	7.11	38.1	1.42	76.62
Uzbekistan	1999	18.73	1.23	7.49	33.45	1.21	72.21
Uzbekistan	2000	17.79	2.24	7.5	34.63	1.08	104.69
Uzbekistan	2001	15.98	2.73	7.53	34.1	0.89	107.07
Uzbekistan	2002	16.93	2.34	7.59	30.46	0.73	111.19
Uzbekistan	2003	17.81	0.29	9.02	29.95	0.65	89.2
Uzbekistan	2004	18.28	2.2	10.35	30.26	0.74	105.59
Uzbekistan	2005	18.83	2.66	10.69	32.02	0.79	113.53
Uzbekistan	2006	21.21	2.19	11.29	31.58	0.76	150.64
Uzbekistan	2007	21.18	2.1	11.48	32.4	0.86	158.09
Uzbekistan	2008	23.56	2.6	11.46	31.91	1.23	171.77
Uzbekistan	2009	28.9	2.36	12.44	30.11	1.28	187.62
Uzbekistan	2010	35.7	2.12	12.91	31.5	1.48	208.02
Uzbekistan	2011	35.75	1.99	13.14	33.08	1.81	210.14
Uzbekistan	2012	32.13	2.7	13.74	34.5	2.09	232.54
Uzbekistan	2013	31.31	2.39	14.32	34.16	2.05	249.85
Uzbekistan	2014	37.83562	2.931507	15.69863	34.05479	5.232877	274.411
Uzbekistan	2015	39.42466	2.876712	16.82192	32.60274	6.246575	285.6712
Uzbekistan	2016	36.71233	2.60274	14.10959	33.42466	6.273973	267.8356
Uzbekistan	2017	34.63014	3.232877	18.05479	34.41096	6.191781	264.0548
Vanuatu	1961	65.92	2.37	4.52	17.35	77.42	407.32
Vanuatu	1962	71.72	3.1	4.55	21.07	80.58	411.05
Vanuatu	1963	76.21	2.58	4.58	21.53	82.19	413.8
Vanuatu	1964	60.35	1.86	4.64	22.11	87.52	405.19
Vanuatu	1965	58.24	4.96	4.63	21.59	85.15	401.15
Vanuatu	1966	65.9	3.28	4.61	21.24	87.82	390.28
Vanuatu	1967	82.99	3.54	4.58	19.6	90.97	387.74
Vanuatu	1968	72.45	4.74	4.7	19.42	97.17	391.4
Vanuatu	1969	65.85	3.9	5.78	18.97	98.76	398.55
Vanuatu	1970	55.53	1.77	6.45	19.53	121.42	402.08
Vanuatu	1971	58.06	2.4	6.97	18.09	137.08	405.5
Vanuatu	1972	60.36	2.47	7.26	19.42	131.75	409.42

Vanuatu	1973	68.23	4.79	6.5	21.13	135.43	421.76
Vanuatu	1974	73.18	4.24	5.96	21.38	120.62	434.08
Vanuatu	1975	37.29	1.53	5.48	21.21	93.29	448.03
Vanuatu	1976	42.51	0.93	5.51	21.52	144.34	443.17
Vanuatu	1977	44.09	0.23	5.38	21.53	142.47	483.48
Vanuatu	1978	47.91	0.2	5.4	21.67	139.13	496.34
Vanuatu	1979	57.09	2.09	5.38	23.97	125.4	514.23
Vanuatu	1980	48.3	1.63	5.67	20.65	101.58	521.56
Vanuatu	1981	41.39	2.16	5.48	22.71	104.61	537.99
Vanuatu	1982	36.21	2.24	5.73	22.03	92.52	558.15
Vanuatu	1983	40.94	1.73	6.1	23.45	88.51	567.15
Vanuatu	1984	40.9	1.47	6.41	23.6	102.07	575.27
Vanuatu	1985	39.68	1.29	6.22	24.89	105.22	585.29
Vanuatu	1986	35.37	1.45	6.04	23.03	103.31	593.23
Vanuatu	1987	28.08	1.15	5.38	22.41	89.2	614.75
Vanuatu	1988	36.57	0.93	5.52	21.71	96.68	656.7
Vanuatu	1989	27.27	1.16	5.35	23.45	83.62	653.68
Vanuatu	1990	21.6	1.01	5.54	22.16	89.54	726.49
Vanuatu	1991	22.55	0.91	5.59	22.8	84.98	698.41
Vanuatu	1992	20.84	1.35	4.52	24.55	84.12	629.16
Vanuatu	1993	19.71	1.39	4.49	26.9	85.6	749.6
Vanuatu	1994	21.48	0.85	4.53	24.34	86.33	646.24
Vanuatu	1995	17.12	0.59	3.88	24.63	89.37	629.17
Vanuatu	1996	13.87	0.68	4.57	23.61	92.78	582
Vanuatu	1997	16.88	0.82	4.67	23.35	87.12	592.68
Vanuatu	1998	17.19	1.06	4.14	22.17	87	629.1
Vanuatu	1999	14.17	0.87	4.59	22.39	88.11	642.88
Vanuatu	2000	8.65	0.55	3.89	21.77	88.51	639.45
Vanuatu	2001	7.13	0.4	4.54	18.84	84.24	621.85
Vanuatu	2002	6.49	0.37	3.86	18.64	79.87	619.19
Vanuatu	2003	6.63	0.72	4.39	18.76	80.38	625.41
Vanuatu	2004	5.48	0.59	4.58	20.81	82.19	593.96
Vanuatu	2005	5.8	0.94	4.73	20.22	82.24	616.73
Vanuatu	2006	6.51	1	4.64	19.98	83.8	619.95
Vanuatu	2007	7.01	1.95	7.29	21.04	90.59	628.63
Vanuatu	2008	8.36	1.89	8.99	20.76	96.3	641.49
Vanuatu	2009	10.4	1.48	8.85	20.44	95.01	629.81
Vanuatu	2010	6.89	2.2	7.05	18.61	91.29	648.89
Vanuatu	2011	11.4	2.14	7.04	20.13	92.24	627.55
Vanuatu	2012	9.59	3.76	9.81	19.4	89.88	630.67
Vanuatu	2013	10.31	2.71	9.19	19.82	87.8	631.19
Vanuatu	2014	8.986301	0.958904	8.356164	16.87671	84.21918	625.2055
Vanuatu	2015	9.287671	0.90411	7.945205	15.86301	81.94521	618.6575
Vanuatu	2016	7.178082	1.260274	7.39726	15.67123	79.83562	633.1233
Vanuatu	2017	8.60274	1.205479	6.739726	16.05479	77.80822	621.4521
Venezuela (Bolivarian Republic of)	1961	94.01	11.41	14.97	28.5	28.81	433.4
Venezuela (Bolivarian Republic of)	1962	93.38	11.62	13.75	29.17	28.71	385.23
Venezuela (Bolivarian Republic of)	1963	91.01	11.93	11.1	28.58	29.27	400.97
Venezuela (Bolivarian Republic of)	1964	94.23	11.22	13.07	31.08	33.15	385.47

Venezuela (Bolivarian Republic of)	1965	96.14	10.86	14.52	31.4	33.41	397.23
Venezuela (Bolivarian Republic of)	1966	99.92	9.43	14.84	29.09	32.5	384.27
Venezuela (Bolivarian Republic of)	1967	107.18	9.27	14.65	31.47	27.35	378.06
Venezuela (Bolivarian Republic of)	1968	110.97	7.11	15.21	31.79	29.54	398.68
Venezuela (Bolivarian Republic of)	1969	116.09	10.55	16.28	31.64	31.6	401.05
Venezuela (Bolivarian Republic of)	1970	139.02	10.79	17.26	29.25	26.83	398.57
Venezuela (Bolivarian Republic of)	1971	119.79	10.27	17.58	28.55	28.27	394.08
Venezuela (Bolivarian Republic of)	1972	120.32	10.2	17.39	27.31	29.65	388.2
Venezuela (Bolivarian Republic of)	1973	117.41	9.76	18.5	29.14	31.33	354.47
Venezuela (Bolivarian Republic of)	1974	116.14	9.04	17.36	31.09	28.97	356.65
Venezuela (Bolivarian Republic of)	1975	110.62	9.05	17.76	32.44	27.23	332.22
Venezuela (Bolivarian Republic of)	1976	166.45	8.9	16.91	34.3	25.85	325.18
Venezuela (Bolivarian Republic of)	1977	183.1	9.18	18.41	35.74	29.26	351.93
Venezuela (Bolivarian Republic of)	1978	197.49	9.24	19.09	39.61	34.96	351.74
Venezuela (Bolivarian Republic of)	1979	208.87	8.92	20.68	44.7	29.76	333.64
Venezuela (Bolivarian Republic of)	1980	223.86	9.54	19.47	44.36	31.96	319.16
Venezuela (Bolivarian Republic of)	1981	231.54	10.06	20.66	48.32	31.7	325.9
Venezuela (Bolivarian Republic of)	1982	209.46	10.41	22.2	44.1	34.42	313.65
Venezuela (Bolivarian Republic of)	1983	211.21	9.13	19.23	45.87	31.8	296.34
Venezuela (Bolivarian Republic of)	1984	210.46	9.92	17.47	52.63	33.99	296.6
Venezuela (Bolivarian Republic of)	1985	167.11	7.7	17.57	52.44	30.22	294
Venezuela (Bolivarian Republic of)	1986	183.56	8.08	15.93	46.29	31.42	285.07
Venezuela (Bolivarian Republic of)	1987	208.85	8.97	17.21	46.89	38	287.41
Venezuela (Bolivarian Republic of)	1988	232.33	8.87	18.39	50.84	36.66	302.3
Venezuela (Bolivarian Republic of)	1989	175.03	7.38	15.2	40.84	36.67	298.35
Venezuela (Bolivarian Republic of)	1990	190.91	8.75	11.97	46.15	35.56	297.74
Venezuela (Bolivarian Republic of)	1991	208.08	6.63	12.59	39.39	36.41	310.49
Venezuela (Bolivarian Republic of)	1992	233.92	9.26	10.58	42.38	36.38	309.8
Venezuela (Bolivarian Republic of)	1993	228.24	6.3	11.3	41.89	43.67	284.28
Venezuela (Bolivarian Republic of)	1994	207.35	6.12	12.42	37.11	48.66	302.7
Venezuela (Bolivarian Republic of)	1995	205.09	6.91	13.53	39.23	56.71	278.45
Venezuela (Bolivarian Republic of)	1996	195.91	8.06	14.98	36.13	54.1	281.03
Venezuela (Bolivarian Republic of)	1997	216.35	6.78	15.52	33.75	51.84	294.89
Venezuela (Bolivarian Republic of)	1998	233.7	7.23	14.88	35.64	57.2	283.38
Venezuela (Bolivarian Republic of)	1999	210.01	6.33	15.47	36.85	45.82	285.39
Venezuela (Bolivarian Republic of)	2000	224.37	7.82	16.56	40.91	42.23	317.68
Venezuela (Bolivarian Republic of)	2001	242.15	9.77	17.43	38.14	53.96	298.04
Venezuela (Bolivarian Republic of)	2002	197.53	7.95	13.44	34.01	52.56	240.65
Venezuela (Bolivarian Republic of)	2003	200.42	5.67	12.5	37.83	48.82	214.24
Venezuela (Bolivarian Republic of)	2004	223.01	6.99	12.63	45.11	54.74	191.53
Venezuela (Bolivarian Republic of)	2005	239.15	6.78	14.91	38.95	39.1	213.44
Venezuela (Bolivarian Republic of)	2006	255.56	7.9	13.97	39.7	36.39	206.15
Venezuela (Bolivarian Republic of)	2007	265.18	7.1	12.55	39.85	41.36	211.51
Venezuela (Bolivarian Republic of)	2008	251.5	7.08	13.61	44.05	36.31	205.21
Venezuela (Bolivarian Republic of)	2009	234.08	7.17	18.21	44.07	39.48	198.35
Venezuela (Bolivarian Republic of)	2010	216.6	9.27	17.83	43.88	26.38	197.28
Venezuela (Bolivarian Republic of)	2011	196.94	8.72	18.77	44.77	25.66	223.21
Venezuela (Bolivarian Republic of)	2012	202.95	10.27	16.39	41.65	30.03	213.92
Venezuela (Bolivarian Republic of)	2013	188.17	8.23	15.42	44.45	26.25	224.98

Venezuela (Bolivarian Republic of)	2014	191.5068	6.410959	11.78082	44.79452	30.41096	241.5342
Venezuela (Bolivarian Republic of)	2015	186.0274	6.794521	11.39726	41.47945	23.67123	248.137
Venezuela (Bolivarian Republic of)	2016	93.23288	4.493151	10.49315	40.79452	27.26027	230.2466
Venezuela (Bolivarian Republic of)	2017	75.94521	4.328767	9.917808	37.53425	27.64384	224.3836
Viet Nam	1961	9.18	0.74	4.13	3.37	38.22	100.79
Viet Nam	1962	9.35	0.67	4.06	3.35	42.62	99.29
Viet Nam	1963	9.49	0.68	4.07	3.76	47.82	99.34
Viet Nam	1964	9.87	0.77	4.08	3.49	47.79	98.07
Viet Nam	1965	10.66	0.91	4.26	3.33	48.44	100.73
Viet Nam	1966	10.68	0.81	4.39	4.06	47.65	98.7
Viet Nam	1967	11.39	0.71	4.41	4.2	48.4	98.87
Viet Nam	1968	10.37	0.99	4.21	4.16	49.07	99.34
Viet Nam	1969	11.19	1.07	3.94	4.17	50.81	97.59
Viet Nam	1970	11.76	0.86	3.71	4.21	38.79	96.89
Viet Nam	1971	11.32	0.87	3.53	4.62	42.17	95.66
Viet Nam	1972	9.72	0.77	3.28	4.62	47.41	94.45
Viet Nam	1973	9.41	0.91	3.02	4.75	47.43	89.92
Viet Nam	1974	7.07	0.92	2.82	4.54	32.71	90.35
Viet Nam	1975	6.59	0.74	2.67	3.56	30.37	83.46
Viet Nam	1976	6.89	0.59	2.94	3.23	33.12	83.56
Viet Nam	1977	6.57	0.49	2.51	3.47	31.2	91.09
Viet Nam	1978	6.49	0.74	2.32	3.37	30.29	97.33
Viet Nam	1979	7.18	0.74	2.41	3.76	30.39	106.97
Viet Nam	1980	5.35	0.62	2.45	3.19	27.8	117.89
Viet Nam	1981	5.24	0.68	2.49	2.99	27.35	117.22
Viet Nam	1982	5.03	0.74	2.59	3.7	29.87	121.56
Viet Nam	1983	4.89	0.69	2.63	3.97	33.52	110.61
Viet Nam	1984	6.57	0.75	2.77	4.21	32.99	118.07
Viet Nam	1985	6.36	0.84	2.81	4.39	33.42	115.38
Viet Nam	1986	6.91	0.86	3.29	4.05	33.3	121.73
Viet Nam	1987	6.82	0.82	3.55	4.21	33.81	129.47
Viet Nam	1988	7.27	0.68	3.29	4.65	32.45	123.9
Viet Nam	1989	7.74	0.7	3.28	5	36.61	123.14
Viet Nam	1990	6.3	0.78	3.23	5.9	34.74	117.42
Viet Nam	1991	7.68	1.11	3.42	6.76	32.46	114.48
Viet Nam	1992	9.16	1.04	3.58	7.13	30.89	120.32
Viet Nam	1993	11.24	0.64	3.67	7.44	32.2	126.41
Viet Nam	1994	13.69	0.68	4.21	7.89	39.96	127.84
Viet Nam	1995	14.4	0.8	4.36	8.57	43.84	137.57
Viet Nam	1996	15.57	0.95	4.99	8.2	44.17	147.95
Viet Nam	1997	17.17	0.7	5	8.09	42.46	136.65
Viet Nam	1998	26.57	0.85	5.12	9.35	43.85	136.59
Viet Nam	1999	19.79	1.21	5.54	10.27	50.7	135.71
Viet Nam	2000	21.66	0.51	5.73	10.22	55.41	144.05
Viet Nam	2001	21.08	0.26	6.19	10.82	52.97	138.46
Viet Nam	2002	23.43	0.58	6.89	11.64	54.71	148.77
Viet Nam	2003	28.41	1.53	7.31	10.73	66.13	158.96
Viet Nam	2004	33.95	0.5	5.86	10.83	70.98	170.75
Viet Nam	2005	37.07	1.45	5.83	10.84	74.05	176.99

Viet Nam	2006	33.19	1.49	5.77	13.3	66.75	173.87
Viet Nam	2007	37.73	1.59	6.47	12.72	79.72	179.39
Viet Nam	2008	37.5	2.17	7.03	14.03	82.95	186.55
Viet Nam	2009	40.44	1.64	7.67	14.97	94.19	190.75
Viet Nam	2010	41.75	1.94	9.14	14.49	92.9	193.58
Viet Nam	2011	43.25	2.24	9.74	15.47	92.17	195.33
Viet Nam	2012	44.23	2.14	10.22	13.26	91.29	196.98
Viet Nam	2013	45.42	2.2	10.52	13.96	90.42	197.25
Viet Nam	2014	48.27397	8.246575	9.616438	13.20548	84.71233	214.6027
Viet Nam	2015	48.79452	9.123288	10.46575	13.61644	97.31507	207.3973
Viet Nam	2016	55.17808	9.178082	10.9863	14.30137	98.60274	213.9452
Viet Nam	2017	56.90411	11.31507	12.0274	14.43836	103.3699	238.7123
Western Africa	1961	5.33	92.66	3	26.87	16.61	163.04
Western Africa	1962	5.45	94.47	3.08	29.18	16.48	163.58
Western Africa	1963	6.07	96.7	3.15	29.82	18.8	160.63
Western Africa	1964	6.4	94.73	3.18	27.93	20.27	160.17
Western Africa	1965	6.3	91.31	3.23	29.5	19.64	162.98
Western Africa	1966	6.09	92.47	3.27	25.83	20.51	160.6
Western Africa	1967	5.5	95.07	3.35	27.03	20.63	161.73
Western Africa	1968	6.08	95.32	3.44	27.34	17.5	160.21
Western Africa	1969	6.63	91.06	3.51	28.92	19	159.34
Western Africa	1970	7.29	101.43	3.59	27.09	22.63	176.42
Western Africa	1971	8.76	101.01	3.76	26.15	27.11	175.34
Western Africa	1972	10.05	96.78	3.82	24.59	29.14	171.6
Western Africa	1973	11.95	109.92	3.85	25.03	28.96	170.47
Western Africa	1974	13.01	118.66	4	26.74	29.88	169.79
Western Africa	1975	15.14	122.32	4.16	26.33	31.63	182.23
Western Africa	1976	17.78	129.35	4.09	26.54	34.67	177.4
Western Africa	1977	21.15	126.23	4.47	28.92	33.94	163.95
Western Africa	1978	16.53	129.62	4.6	28.65	37	161.52
Western Africa	1979	19.31	137.2	4.72	27.17	38.2	163.1
Western Africa	1980	20.33	135.72	4.82	27.97	36.77	158.3
Western Africa	1981	18.37	133.46	4.84	28.41	41.8	160.03
Western Africa	1982	25.07	132.55	4.95	28.85	41.83	154.11
Western Africa	1983	23.8	117.35	5	27.36	33.54	157.04
Western Africa	1984	21.3	118.52	5.09	26.63	28.25	162.66
Western Africa	1985	20.62	118.21	5.22	27.74	24.83	159.79
Western Africa	1986	21.19	122.19	5.33	30.68	25.9	153.52
Western Africa	1987	23.99	125.84	5.55	26.16	30.97	148.71
Western Africa	1988	17.94	119.28	5.08	28.81	29.64	145.41
Western Africa	1989	19.09	120.81	4.67	28.83	32.62	152.6
Western Africa	1990	17.17	115.13	6.14	31.32	33.89	142.81
Western Africa	1991	16.94	116.82	6.3	32.66	30.76	155.71
Western Africa	1992	17.19	122.16	6.46	33.57	27.69	156.84
Western Africa	1993	16.98	122.4	6.58	34.94	27.16	164.5
Western Africa	1994	16.35	120.83	6.71	34.27	23.25	163.17
Western Africa	1995	17.45	119.27	6.22	33.39	26.41	162.65
Western Africa	1996	17.78	126.22	5.27	33.62	29.56	166.35
Western Africa	1997	16.5	128.59	4.74	34.38	29.79	168.2

Western Africa	1998	16.89	130.44	6.45	34.22	30.35	171.17
Western Africa	1999	18.86	130.36	6.52	34.72	30.75	171.78
Western Africa	2000	17.34	124.57	5.95	33.72	28.35	167.17
Western Africa	2001	18.24	128.42	6.29	35.59	31.66	165.85
Western Africa	2002	21.17	127.38	6.26	36.87	29.72	171.82
Western Africa	2003	20.7	129.69	6.18	37.04	30.8	176.56
Western Africa	2004	20.75	129.36	6.32	37.39	33.59	181.24
Western Africa	2005	20.36	129.22	6.36	38.36	34.53	177.37
Western Africa	2006	19.52	126.09	6.5	38.41	40.11	165.22
Western Africa	2007	21.42	123.59	6.63	36.99	42.78	169.24
Western Africa	2008	22.83	122.54	6.92	37.1	42.31	165.67
Western Africa	2009	22.91	121.44	7	32.48	39.51	169.24
Western Africa	2010	23.94	118.95	6.93	33.43	40.54	170.7
Western Africa	2011	26.32	114.62	6.94	33.61	44.37	172.47
Western Africa	2012	29.46	112.41	6.88	33.61	42.11	174.23
Western Africa	2013	30.31	109.15	6.86	32.99	41.78	170.18
Western Africa	2014	31.09589	92.84932	6.794521	31.17808	35.86301	164.3288
Western Africa	2015	29.53425	91.61644	5.479452	31.67123	34.49315	162.9589
Western Africa	2016	28.10959	88.16438	5.479452	31.0137	32.27397	164.1644
Western Africa	2017	28.0274	86.84932	5.342466	31.58904	31.69863	161.7808
Western Asia	1961	11.88	3.47	6.37	19.63	8.88	272.35
Western Asia	1962	12.12	3.6	6.72	18.38	8	267.45
Western Asia	1963	11.64	3.71	6.73	21.36	11.6	239.4
Western Asia	1964	11.84	3.51	7.02	23.48	11.02	255.95
Western Asia	1965	12.52	3.3	7.63	20.3	10.95	265.88
Western Asia	1966	12.34	4.63	8.1	24.5	10.23	254.54
Western Asia	1967	11.33	3.93	8.3	22.79	12.91	284.73
Western Asia	1968	11.79	4.47	8.59	25	11.08	299.32
Western Asia	1969	12.49	4.88	8.61	20.91	12.26	272.5
Western Asia	1970	12.47	4.73	8.8	23.55	12.96	289.92
Western Asia	1971	12.56	4.47	9.3	25.4	12.39	284.45
Western Asia	1972	12.59	5.24	9.87	30.03	12.89	276.94
Western Asia	1973	13.18	5.24	9.68	23.96	12.04	275.8
Western Asia	1974	11.69	5.04	9.37	24.51	10.67	293.79
Western Asia	1975	13.05	6.15	10.66	27.52	10.47	282.28
Western Asia	1976	13.52	6.98	11.11	31.18	12.36	279.13
Western Asia	1977	14.78	6.64	13.15	25.99	13.14	291.85
Western Asia	1978	15.71	7.1	14.71	29.16	14.74	311.42
Western Asia	1979	15.6	7.47	14.38	27.99	18.22	313.8
Western Asia	1980	16.44	7.13	14.74	33.93	20.87	310.65
Western Asia	1981	17.15	5.54	15.42	30.78	19.88	300.33
Western Asia	1982	17.93	6.69	16.34	34.83	20.35	324.87
Western Asia	1983	17.49	7.67	15.9	32.53	19.49	318.76
Western Asia	1984	16.05	7.92	16.53	36.36	17.35	319.74
Western Asia	1985	13.85	8.16	16.85	36.53	21.3	292.78
Western Asia	1986	13.39	7.77	15.94	38.46	20.04	286.87
Western Asia	1987	14.74	7.74	15.27	39.71	19.11	282.65
Western Asia	1988	15.42	8.14	15.76	43.31	20.35	293.72
Western Asia	1989	16.02	6.18	15.83	45.09	17.13	286.7

Western Asia	1990	17.23	6.03	16.33	40.81	16.92	286.53
Western Asia	1991	17.12	6.84	14.79	37.08	16.71	279.64
Western Asia	1992	22.15	6.76	15.13	33.51	18.73	279.81
Western Asia	1993	23.12	5.2	16	35.86	18.69	274.22
Western Asia	1994	22.78	5.96	16.01	37.35	18.99	263.19
Western Asia	1995	21.86	5.66	16.43	39.12	21.48	258
Western Asia	1996	21.39	5.61	17.04	38.53	19.81	259.97
Western Asia	1997	21.3	5.37	18.85	38.51	19.03	247.55
Western Asia	1998	20.52	7.08	20.5	36.14	19.75	258.01
Western Asia	1999	21.37	7.61	20.65	35.66	19.29	247.8
Western Asia	2000	21.7	6.11	19.61	37.24	18.99	252.04
Western Asia	2001	22.87	6.58	16.99	39.12	19.61	240.13
Western Asia	2002	21.46	6.66	17.71	37.74	18.57	245.61
Western Asia	2003	21.26	6.25	18.75	38.36	19.13	249.2
Western Asia	2004	23.18	7.53	17.25	42.72	21.94	229.2
Western Asia	2005	24.2	8.08	17.93	41.73	21.06	254.43
Western Asia	2006	24.92	7.33	16.81	41.73	22.89	251.31
Western Asia	2007	26.87	8.13	17.87	42.45	23.1	246.17
Western Asia	2008	27.55	8.03	18.81	42.11	21.33	248.23
Western Asia	2009	27.4	7.18	19.41	43.96	21.73	249.76
Western Asia	2010	27.87	8.17	17.55	45.34	22.28	243.71
Western Asia	2011	27.8	7.97	17.04	47.61	21.32	246.53
Western Asia	2012	27.59	8.13	18.61	46.8	22.67	257.94
Western Asia	2013	27.75	8.39	20.12	46.98	21.95	267.69
Western Asia	2014	28.24658	7.616438	19.09589	39.12329	22.13699	228.274
Western Asia	2015	26.76712	7.424658	17.91781	41.15068	21.26027	227.863
Western Asia	2016	23.50685	7.09589	18.65753	40.9589	21.0411	235.4247
Western Asia	2017	23.64384	7.479452	19.17808	41.69863	20.93151	243.0411
Western Europe	1961	317.5	28.25	33.11	44.91	34.55	202.72
Western Europe	1962	326.45	30.67	32.5	46.22	34.83	232.03
Western Europe	1963	336.65	32.16	32.04	46.42	37.3	236.54
Western Europe	1964	354.32	31.55	33.74	47.27	37.76	236.01
Western Europe	1965	353.7	29.19	33.23	47.93	39.12	229.54
Western Europe	1966	359.66	28.99	34.14	47.84	38.26	247.43
Western Europe	1967	360.72	30.86	34.74	48.58	38.83	266.3
Western Europe	1968	366.89	31.65	35.39	49.29	40.62	278.92
Western Europe	1969	377.19	32.02	36.87	48.57	39	276.82
Western Europe	1970	394.35	29.17	38.52	48.76	40.14	271.49
Western Europe	1971	398.02	29.27	38.18	51.05	40.05	269.4
Western Europe	1972	406.13	29.4	39.11	50.96	39.54	253.56
Western Europe	1973	418.83	29.52	39.35	50.6	41.72	269.67
Western Europe	1974	410.75	27.62	38.7	49.96	42.64	239.53
Western Europe	1975	419.22	32.44	39.56	49.09	41.7	252.45
Western Europe	1976	426.23	34.03	38.89	51.16	40.91	255.14
Western Europe	1977	420.51	29.83	40.52	50.86	40.78	235.39
Western Europe	1978	407.83	31.69	41.3	51.52	41.34	256.45
Western Europe	1979	420.62	34.01	41.24	52.05	41.32	256.47
Western Europe	1980	413.44	34.52	41.69	53.25	43.13	256.28
Western Europe	1981	418.48	34.88	42.42	55.61	44.55	227.49

Western Europe	1982	433.41	35.3	43.28	55.82	43.82	269.51
Western Europe	1983	422.18	34.84	42.23	56.52	45.74	246.93
Western Europe	1984	403.35	33.22	42.22	56.32	44.57	266.65
Western Europe	1985	395.01	32.42	42.48	56.52	44.77	251.29
Western Europe	1986	398.18	31.07	42.47	56.2	47.1	282.77
Western Europe	1987	391.59	32.71	41.19	57.82	47.23	272.65
Western Europe	1988	388.94	32.46	41.61	58.84	49.15	295.84
Western Europe	1989	396.42	32.59	39.87	57.99	50.3	289.66
Western Europe	1990	386.6	33.46	38.11	60.09	53.84	300.88
Western Europe	1991	384.81	29.1	38.32	63.28	52.21	284
Western Europe	1992	387.99	35.25	37.36	63.08	53.28	325.73
Western Europe	1993	357.18	34.71	35.33	63.32	52.08	267.8
Western Europe	1994	356.26	32.03	36.93	63.23	53.87	278.71
Western Europe	1995	346.75	30.54	37.61	64.58	54.59	264.23
Western Europe	1996	341.75	30.8	37.47	66.58	54.03	277.26
Western Europe	1997	342.17	29.58	38.19	66.84	53.86	253.57
Western Europe	1998	345.09	28.12	39.01	66.52	58.58	251.84
Western Europe	1999	343.7	28.9	37.83	66.31	55.06	256.21
Western Europe	2000	331.68	26.32	38.19	66.37	55.85	296.32
Western Europe	2001	328.99	27.26	37.96	65.23	60.37	264.46
Western Europe	2002	321.78	27.15	38.07	65.47	58.39	282.23
Western Europe	2003	310.32	27.49	36.41	65.14	58.55	270.06
Western Europe	2004	310.24	28.76	37.83	65.25	57.9	273.66
Western Europe	2005	308.38	26.27	35.63	66.52	59.96	278.22
Western Europe	2006	315.79	27.42	36.16	66.55	61.67	276.98
Western Europe	2007	312.58	27.88	36.59	67.36	61.85	283.06
Western Europe	2008	291.61	27.03	35.26	68.49	61.96	280.12
Western Europe	2009	298.47	26.12	34.22	67.9	61.75	273.22
Western Europe	2010	279.47	24.83	35.21	68.42	62.23	268.83
Western Europe	2011	294.93	24.78	35.45	67.75	62.63	292.19
Western Europe	2012	280.48	25.88	33.97	66.3	60	287.8
Western Europe	2013	273.11	26.69	34.91	66.01	58.9	299.45
Western Europe	2014	285.4521	25.34247	31.28767	46.43836	60.16438	219.7534
Western Europe	2015	283.0411	26.16438	31.78082	45.47945	59.42466	241.1781
Western Europe	2016	277.726	26.43836	32.43836	47.0137	60.24658	236.5753
Western Europe	2017	279.4521	25.0411	32.35616	46.76712	59.53425	224.8493
World	1961	63.77	12.54	12.47	17.85	24.71	110.19
World	1962	64.58	12.99	12.54	18.59	25.28	113.12
World	1963	65.75	13.17	12.44	19.14	26.09	113.2
World	1964	67.97	12.98	12.73	19.39	26.39	115.74
World	1965	69.12	12.47	12.82	19.78	27.41	117.59
World	1966	70.56	12.99	12.87	19.95	27.72	120.12
World	1967	70.94	13.4	13.18	20.14	28.31	123.82
World	1968	72.38	13.47	13.28	20.62	29.24	124.15
World	1969	74.52	13.34	13.57	20.43	28.95	125.12
World	1970	76.58	14.13	13.94	20.98	29.81	126.12
World	1971	77.21	14.39	14.13	21.07	30.07	126.85
World	1972	77.31	14.23	14.27	21.37	31.26	124.29
World	1973	79.95	14.92	14.11	21.29	31.83	127.45



World	1974	80.65	15.14	14.19	21.84	32.27	126.85
World	1975	81.38	15.24	14.38	21.81	32.06	127.48
World	1976	82.22	15.85	14.31	22.71	32.19	128.59
World	1977	82.24	15.28	14.68	22.98	31.69	127.78
World	1978	82.03	15.48	15.04	23.84	31.82	129.25
World	1979	83.4	15.88	15.16	24.15	31.46	132.89
World	1980	84.18	15.45	15.32	25.18	31.55	134.28
World	1981	83.74	14.93	15.34	25.52	32.51	132.41
World	1982	84	15.08	15.5	26.12	32.56	135.58
World	1983	83.86	13.98	15.54	26.4	32.72	136.87
World	1984	81.45	13.96	16.01	26.64	33.76	136.97
World	1985	80.24	14.15	16.65	27.41	34.49	138.7
World	1986	78.66	14.21	16.83	27.82	35.59	142.44
World	1987	79.73	14.52	16.94	27.8	36.77	144.86
World	1988	80.32	14.02	17.35	28.71	36.83	144.19
World	1989	80	14.27	17.14	28.94	37.52	147.06
World	1990	79.32	13.79	17.31	29.25	37.2	143.09
World	1991	79.17	13.72	17.78	29.13	35.82	142.87
World	1992	77.65	14.25	17.7	29.34	35.66	151.21
World	1993	77.01	14.2	18.07	29.11	36.84	153.43
World	1994	77.53	14.29	19.38	29.76	38.69	156.35
World	1995	78.49	14.35	19.97	30.1	41.46	159.43
World	1996	76.88	14.64	20.34	30.23	42.65	164.52
World	1997	78.23	15.29	20.81	30.65	42.8	169.18
World	1998	77.39	15.67	21.27	30.57	43.02	166.55
World	1999	77.94	15.92	21.77	31.39	43.43	173
World	2000	79.08	15.6	22.11	32.09	43.85	176.27
World	2001	80.74	16.1	22.26	31.52	44.52	174.73
World	2002	80.5	15.91	22.54	32.09	44.68	180.91
World	2003	80.35	15.78	22.67	32.23	45.35	183.11
World	2004	83.53	16.39	22.86	32.67	46.4	189.53
World	2005	84.42	16.66	23.01	33.42	46.99	193.45
World	2006	87.44	16.78	23.15	34.1	48.27	199.79
World	2007	90.85	17.05	23.57	34.51	49.56	203.28
World	2008	90.5	16.26	24.11	34.24	50.42	207.26
World	2009	88.64	16.28	24.26	34.97	51.1	209.22
World	2010	88.89	16.73	24.43	34.89	51.96	210.83
World	2011	91.25	16.91	24.53	35.45	52.42	216.15
World	2012	91.08	16.93	24.85	35.22	53.15	220.1
World	2013	90.56	17	25.19	34.8	52.49	223.12
World	2014	90.0274	15.61644	24.73973	30.13699	54.63014	213.1233
World	2015	88.57534	15.75342	26.49315	30.13699	55.36986	214.7945
World	2016	86.52055	15.89041	26.79452	30.16438	55.69863	213.1781
World	2017	85.45205	16.05479	27.23288	30.49315	56.32877	214.411
Yemen	1961	24.68	0.97	1.52	6.62	7.08	55.72
Yemen	1962	24.14	1.06	1.47	6.6	6.1	56.53
Yemen	1963	23.54	1.28	1.54	6.32	6.65	61.33
Yemen	1964	22.87	0.99	1.82	7.77	8.68	64.77
Yemen	1965	22.11	3	1.63	8.53	7.18	61.1

Yemen	1966	21.39	3.88	1.67	7.7	6.91	59.08
Yemen	1967	20.27	2.97	1.46	8.23	7.8	56.5
Yemen	1968	19.31	3.1	1.29	5.29	8.52	53.62
Yemen	1969	18.74	3.41	1.23	9.16	5.8	50.98
Yemen	1970	17.95	2.84	1.22	4.97	7.41	44.32
Yemen	1971	17.47	4.56	1.26	6.67	6.98	58.17
Yemen	1972	15.77	3.71	1.3	6.73	9.19	51.87
Yemen	1973	13.31	4.69	1.3	9.7	14.13	89.62
Yemen	1974	9.31	2.6	1.36	12.61	13.35	89.51
Yemen	1975	8.59	3.82	1.32	10.7	17.07	104.18
Yemen	1976	12.35	5.5	1.58	16.29	25.23	85.98
Yemen	1977	10.24	5.29	3.7	13.76	20.97	104.89
Yemen	1978	12.74	5.41	4.72	20.85	22.53	103
Yemen	1979	9.41	5.62	4.51	13.5	23.03	108.66
Yemen	1980	9.93	3.88	4.74	15.48	26.23	115.54
Yemen	1981	8.25	4.05	4.57	15.84	21.89	105.13
Yemen	1982	7.92	3.69	6.03	20.49	16.87	106.3
Yemen	1983	4.13	3.42	4.55	12.83	17.26	84.7
Yemen	1984	4.96	3.68	5.69	20.45	16.7	74.36
Yemen	1985	7.08	3.9	5.48	17.24	18.29	65.71
Yemen	1986	5.24	3.56	5.09	17.41	15.87	69.79
Yemen	1987	3.66	3.14	5.65	22	15.8	75.42
Yemen	1988	4.2	2.93	5.16	17.76	15.52	87.95
Yemen	1989	4.8	2.84	4.39	20.54	14.55	93.05
Yemen	1990	4.45	3.17	4.14	20.29	14.49	78.57
Yemen	1991	2.43	1.69	3.68	20.45	19.03	79.67
Yemen	1992	4.88	2.75	4.08	22.26	17.04	73.42
Yemen	1993	4.53	2.27	3.58	22.22	16.6	80.34
Yemen	1994	4.02	1.98	2.93	20.39	16.05	77.04
Yemen	1995	3.82	2.45	3.1	20.08	15.72	77.1
Yemen	1996	3.19	2.81	2.64	17.49	13.38	68.19
Yemen	1997	2.59	2.08	3.59	16.75	14.55	66.19
Yemen	1998	2.95	2.45	4.41	17.48	14.39	91.75
Yemen	1999	2.19	2.39	4.24	17.85	15.71	88.61
Yemen	2000	2.15	2.24	4.2	21.24	13.42	97.37
Yemen	2001	2.28	2.57	3.88	18.66	13.86	103.56
Yemen	2002	1.93	2.68	3.74	20.48	17.36	99.21
Yemen	2003	1.28	2.77	5.24	22.95	23.02	109.85
Yemen	2004	1.57	2.55	5.25	25.73	25.28	108.13
Yemen	2005	1.07	2.79	5.21	23.85	20.24	113.17
Yemen	2006	1.18	3.46	5.42	24.24	17.86	135.69
Yemen	2007	1.43	3.86	5.64	23.58	10.39	149.09
Yemen	2008	1.15	3.41	5.66	22.23	7.49	162.09
Yemen	2009	0.92	3.64	5.8	19.32	9.62	141.03
Yemen	2010	1.76	4.1	5.8	19.51	8.3	134.55
Yemen	2011	1.11	3.75	5.76	21.06	7.04	122.47
Yemen	2012	1.27	3.71	5.87	21.96	6.88	125.71
Yemen	2013	1.19	3.42	6.12	23.73	6.73	144.8
Yemen	2014	1.041096	2	5.643836	14.71233	14.93151	111.2329

Yemen	2015	0.821918	1.890411	4.876712	17.58904	13.09589	93.56164
Yemen	2016	0.767123	1.972603	4.465753	17.09589	10.76712	87.34247
Yemen	2017	0.60274	3.643836	4.273973	18.63014	8.684932	85.36986
Yugoslav SFR	1961	96.57	2.16	6.71	31.44	4.02	172.69
Yugoslav SFR	1962	104.72	2.23	8.81	37.9	2.61	141.31
Yugoslav SFR	1963	111.68	3.59	10.57	37.78	3.17	141.97
Yugoslav SFR	1964	122.58	2.93	11.24	39.71	4.4	134.94
Yugoslav SFR	1965	123.23	3.18	11.29	41.24	4.69	105.51
Yugoslav SFR	1966	135.87	4.76	12.87	44.3	6.54	161.63
Yugoslav SFR	1967	145.79	5.72	14.32	44.34	6.27	172.44
Yugoslav SFR	1968	154.88	5.56	14.74	45.72	6.06	166.91
Yugoslav SFR	1969	168.68	6.4	16.41	47.48	6.64	203.05
Yugoslav SFR	1970	172.28	5.81	18.18	52.04	8.23	175.52
Yugoslav SFR	1971	181.68	5.91	18.91	54.69	8.2	159.88
Yugoslav SFR	1972	193.57	6.14	18.78	52.98	7.96	158.59
Yugoslav SFR	1973	199.67	6.92	20.55	54.16	8.72	166.99
Yugoslav SFR	1974	203.64	7.76	23.49	59.42	10.17	156.92
Yugoslav SFR	1975	198.54	7.11	22.23	60.14	8.81	174.94
Yugoslav SFR	1976	195.05	5.86	23.4	60.3	7.97	193.56
Yugoslav SFR	1977	200.66	7.84	25.03	61.37	9.1	183.97
Yugoslav SFR	1978	199.97	6.9	24.46	61.1	9.86	164.9
Yugoslav SFR	1979	210.11	8.26	25.7	61.71	7.68	171.47
Yugoslav SFR	1980	215.23	6.96	25.96	58.06	9.47	178.54
Yugoslav SFR	1981	215.97	6.7	25.41	63.05	9.75	158.06
Yugoslav SFR	1982	228.91	4	26.47	66.64	8.92	151.6
Yugoslav SFR	1983	235.55	5.1	25.55	63.36	10.95	173.06
Yugoslav SFR	1984	223.7	3.39	24.92	68.31	9.97	150.25
Yugoslav SFR	1985	189.57	2.47	24.79	68.11	10.27	127.47
Yugoslav SFR	1986	233.49	7.5	25.26	70.92	11.2	147.14
Yugoslav SFR	1987	222.08	8	26.08	73.77	11.03	141.49
Yugoslav SFR	1988	218.51	7.02	23.78	75.16	11.28	146.45
Yugoslav SFR	1989	199.97	6.87	25.79	71.15	10.78	146.89
Yugoslav SFR	1990	196.97	8.48	27.22	67.69	12.99	186.86
Yugoslav SFR	1991	177.8	9.39	22.52	63.11	6.04	158.2
Zambia	1961	13.41	309.14	2.23	4	23.05	34.2
Zambia	1962	13.79	302.36	2.31	4.03	26.18	35.46
Zambia	1963	14.35	295.38	2.42	3.94	37.5	34.03
Zambia	1964	14.54	291.69	3.04	4.37	36.68	33.84
Zambia	1965	18.17	300.11	3.48	4.44	36.58	33.27
Zambia	1966	25.2	306	4.37	6.95	38.3	34.77
Zambia	1967	32.79	304.19	4.79	7.93	39.18	34.04
Zambia	1968	40.39	274.7	6.13	7.73	40.12	36.04
Zambia	1969	44.79	258.16	6.95	8.09	44.36	35
Zambia	1970	49.1	245.53	7.34	9.51	47.17	33.66
Zambia	1971	52.96	243.92	7.85	8.29	40.33	33.6
Zambia	1972	53.58	290.46	8.7	7.66	42.47	31.72
Zambia	1973	45.32	314.96	9.22	8.28	35.79	31.55
Zambia	1974	37.48	236.71	11.08	7.52	30.24	31.4
Zambia	1975	58.38	184.11	13.46	9.15	36.69	30.98

Zambia	1976	60.1	176.12	15.03	11.79	30.84	30.07
Zambia	1977	44.16	189.22	13.53	14.11	29.8	30.12
Zambia	1978	42.66	177.45	12.53	8.44	25.28	29.9
Zambia	1979	44.27	137.06	12.18	12.91	25.32	31.24
Zambia	1980	36.73	113.46	13.07	9.49	26.54	31.92
Zambia	1981	29.67	104.07	9.69	13.57	20.12	33.02
Zambia	1982	25.68	91.08	9.53	11.22	27.18	33.17
Zambia	1983	25.94	76.47	8.38	12.1	24.63	33.28
Zambia	1984	23.35	75.85	7.08	12.18	28.15	32.99
Zambia	1985	25.85	62.92	7.41	7.25	27.64	32.85
Zambia	1986	23.38	69.82	7.4	10.24	21.91	32.81
Zambia	1987	22.67	73.04	7.2	6.04	24.05	32.82
Zambia	1988	24.47	81.79	7.17	6.79	22.46	33.23
Zambia	1989	24.49	75.03	7.27	8.5	24.8	33.04
Zambia	1990	23.54	76.84	7.33	11.59	23.03	32.92
Zambia	1991	24.21	70.71	7.89	5.34	24.02	32.9
Zambia	1992	28.25	71.57	8.56	6.38	24.63	28.68
Zambia	1993	28.74	78.98	9.17	6.41	24.33	30.57
Zambia	1994	21.82	89.49	8.65	7.26	24.33	29.74
Zambia	1995	26.59	98.09	8.84	4.87	23.83	27.93
Zambia	1996	21.08	91.25	9.27	8.44	22.06	29.32
Zambia	1997	19.46	86.33	9.83	9.3	20.93	29.39
Zambia	1998	19.19	84.64	10.28	8.52	21.53	27.57
Zambia	1999	22.45	86.42	9.33	10.7	19.78	30.34
Zambia	2000	17.72	71.18	9.36	10.82	19.59	28.11
Zambia	2001	15.66	68.15	9.51	11.59	17.65	30.83
Zambia	2002	15.49	61.97	9.24	12.69	18.08	30
Zambia	2003	14.85	61.93	9.16	13.31	19.24	28.02
Zambia	2004	15.08	62.07	9.03	15.5	19.25	27.72
Zambia	2005	13.82	56.45	8.91	13.83	19.11	28.07
Zambia	2006	14.35	65.01	8.75	12.29	16.77	31.14
Zambia	2007	14.37	52.8	9.7	13.35	19.49	29.54
Zambia	2008	15.02	55.47	8.18	14.08	18.57	28.67
Zambia	2009	15.23	62.53	8.31	14.87	20.53	28.16
Zambia	2010	19.36	61.8	8.94	13.99	19.01	26.56
Zambia	2011	25.07	57.86	9.51	14.1	18.18	26.11
Zambia	2012	28.81	54.38	9.39	14.28	17.61	28.79
Zambia	2013	30.55	55.65	9.09	14.29	17.06	28.07
Zambia	2014	67.20548	49.42466	6.575342	16.41096	28.9589	27.23288
Zambia	2015	67.86301	47.61644	6.547945	15.69863	33.42466	23.67123
Zambia	2016	67.20548	46.87671	6.60274	15.89041	32.93151	23.75342
Zambia	2017	65.80822	47.31507	6.630137	14.38356	33.0137	19.86301
Zimbabwe	1961	10.43	138.3	4.04	5.64	4.16	37.75
Zimbabwe	1962	9.62	168.09	3.97	4.31	4.25	39.31
Zimbabwe	1963	10.19	148.76	3.9	6.85	3.96	39.86
Zimbabwe	1964	8.84	147.23	3.74	6.77	5.23	39.5
Zimbabwe	1965	10.32	143.5	3.65	7.3	5.35	37.27
Zimbabwe	1966	22.91	154	3.69	8.28	5.77	33.73
Zimbabwe	1967	22.77	143.3	3.63	10.24	5.55	32.23

Zimbabwe	1968	22.52	146.37	3.56	9.62	5.64	32.48
Zimbabwe	1969	22.61	132.9	3.49	8.22	5.53	32.62
Zimbabwe	1970	23.02	154.5	3.47	12.94	4.71	32.28
Zimbabwe	1971	26.54	137.21	3.49	12.99	4.71	32.29
Zimbabwe	1972	26.54	130.07	3.46	15.6	5.06	32.91
Zimbabwe	1973	30.13	94.44	3.39	17.47	4.62	32.2
Zimbabwe	1974	28.61	159.62	3.45	15.92	3.93	31.92
Zimbabwe	1975	28.54	122.69	3.45	14.4	3.63	32.78
Zimbabwe	1976	29.48	126.41	3.54	12.95	3.58	32.68
Zimbabwe	1977	22.24	76.33	3.64	12.81	3.65	32.9
Zimbabwe	1978	20.61	85.28	3.77	10.72	4.15	33.18
Zimbabwe	1979	21.65	63.59	3.58	13.5	4.57	32.66
Zimbabwe	1980	21.84	81.49	3.36	18.37	7.38	33.3
Zimbabwe	1981	22.84	88.65	3.34	19.91	7.36	34.22
Zimbabwe	1982	30.37	47.55	3.21	15.68	6.91	33.83
Zimbabwe	1983	31.66	41.7	3.18	18.18	5.14	33.48
Zimbabwe	1984	31.78	48.8	2.79	16.21	5.47	33.15
Zimbabwe	1985	28.71	53.57	2.44	19.44	5.44	32.82
Zimbabwe	1986	30.8	54.76	2.52	18.61	5.89	33.83
Zimbabwe	1987	20.65	55.02	2.65	19.21	5.78	33.23
Zimbabwe	1988	20.76	60.38	3.16	21.43	6.26	35.1
Zimbabwe	1989	20.06	58.69	3.34	20.97	6.59	33.81
Zimbabwe	1990	16.37	56.29	3.56	21.11	6.81	34.75
Zimbabwe	1991	21.2	42.27	3.68	21.24	5.72	35.99
Zimbabwe	1992	12.33	41.24	3.6	20.47	5.93	30.81
Zimbabwe	1993	22.2	41.45	3.34	21.29	8.03	34.96
Zimbabwe	1994	39.99	40.38	3.18	21	9.22	35.41
Zimbabwe	1995	28.15	33	3.63	22.62	9.1	29.17
Zimbabwe	1996	30.73	40.88	3.52	22.86	8.98	29.65
Zimbabwe	1997	32.71	39.66	3.07	22.69	8.41	30.3
Zimbabwe	1998	26.17	44.64	3.19	23.27	6.57	27.04
Zimbabwe	1999	32.87	32.37	3.18	24.41	5.62	27.47
Zimbabwe	2000	35.45	33.49	3.51	24.85	5.61	29.22
Zimbabwe	2001	35.38	35.23	3.97	24.38	3.9	33.33
Zimbabwe	2002	33.88	34.17	2.35	26.16	3.44	35.31
Zimbabwe	2003	34.26	29.9	4.06	26.3	3.02	39.29
Zimbabwe	2004	36.59	28.41	3.24	25.73	3.95	41.32
Zimbabwe	2005	36.38	30.49	3.9	25.97	2.91	28.87
Zimbabwe	2006	39.1	31.85	3.94	26.16	3.7	36
Zimbabwe	2007	47.52	34.12	4.52	26.84	3	38.13
Zimbabwe	2008	58.46	30.06	4.65	30.54	3.15	39.69
Zimbabwe	2009	65.47	29.74	5.67	30.97	3.73	39.07
Zimbabwe	2010	66.32	32.18	5.59	30.9	6.11	44.18
Zimbabwe	2011	69.1	30.52	4.89	31.35	8.18	47.13
Zimbabwe	2012	75.86	30.71	4.87	32.29	7.96	49.06
Zimbabwe	2013	71.35	30.45	4.78	31.23	7.73	42.01
Zimbabwe	2014	64.38356	25.45205	5.287671	29.64384	9.315068	42.21918
Zimbabwe	2015	57.56164	14.84932	5.041096	30.16438	10.46575	42.35616
Zimbabwe	2016	57.26027	17.58904	5.09589	30.27397	10.38356	35.06849

Zimbabwe

2017 58.43836 19.42466 4.958904 29.61644 10.24658 40.79452

Meat	Milk	Potatoes	Poultry	Rice	Seasoning	Seaweeds	Seeds	Soyabeans	Sugar	Vegetables	Wheat
45.81	165.88	33.99	1.71	56.05	0.93	0	3.37	0	14.38	100.69	589.78
45.78	163.81	28.93	1.8	54.89	1	0	3.66	0	12.78	102.66	570.58
47.07	178.64	30.31	1.81	53.52	1.04	0	3.03	0	13.22	106.49	488.62
47.66	179.14	31.6	1.84	63.22	1.1	0	3.09	0	15.48	110.05	559.51
48.56	191.9	31.72	1.91	61.77	1.17	0	3.43	0	16.27	111.85	561.32
55.83	194.52	32.06	1.97	53.37	1.5	0	3.29	0	16.74	110.78	495.94
57.22	205.71	34.2	2.04	61.97	0.8	0	3.08	0	17.41	117.09	550.37
61.32	210.22	34.14	2.09	61.5	0.7	0	3.01	0	17.81	117.37	535.36
59.56	207.2	34.29	2.45	60.86	0.75	0	2.91	0	14.49	116.96	549.95
54.93	175.25	31.01	2.39	52.98	0.94	0	3.35	0	18.81	105.56	452.35
54.01	154.66	35.52	2.32	49.7	0.7	0	2.25	0	15.85	119.62	475.05
46.78	155.17	32.52	2.26	54.92	1.07	0	3.75	0	14.83	98.83	521.19
48.63	168.1	32.78	2.29	56.28	0.42	0	4.3	0	14.45	94.63	528.8
48.83	173	35.61	2.23	54.87	0.22	0	3.91	0	14.78	94.77	521.17
49.34	173.18	36.86	2.27	55.69	0.02	0	3.44	0	14.91	93.46	531.22
54.67	174.67	69.39	2.22	56.31	0.02	0	4.02	0	15.72	101.17	537.32
55.16	157.61	36.98	2.27	49.48	0.31	0	3.19	0	16.5	79.54	479.67
55.82	157.98	46.72	2.32	52.73	0.31	0	2.94	0	17.36	89.15	509.36
55.49	159.09	48.01	2.48	55.78	0.07	0	3.95	0	19.38	90.09	504.96
56.8	165.94	49.97	2.49	53.77	0.2	0	6.86	0	20.21	94.69	442.47
59.53	173.85	52.24	2.62	52.46	0.4	0	6.47	0	16.69	96.45	450.83
61.7	177.29	53.74	2.69	47.04	0.4	0	7.46	0	20.17	101.87	448.47
60.65	193.91	54.15	2.81	48.48	0.4	0	7.29	0	25.07	103.75	446.28
59.41	194.44	54.22	3.12	45.6	1.04	0	5.9	0	23.8	103.24	427.83
56.23	161.54	53.6	3.24	44.23	0.36	0	6.36	0	19.72	103	425.63
53.55	113.17	52.76	3.58	48.77	0.31	0	6.87	0	20.31	95.26	409.35
57.42	130.04	48.66	3.73	47.77	0.17	0	6.05	0	20.61	98.14	543.28
60.42	135.14	49.3	3.24	50.28	0.27	0	5.07	0	20.75	95.46	448.01
61.68	137.22	44.85	3.14	46.58	0.17	0	5.8	0	14.3	91.15	428.56
64.12	184.2	47.88	2.9	46.57	0.04	0	6.02	0	10	101.89	383.08
60.3	182.11	44.12	2.67	42.7	0.02	0	5.69	0	9.61	94.23	334.41
54.49	171	41.56	2.51	49.49	0.02	0	6.23	0	10.75	86.34	313.79
51.72	176.01	37.96	2.14	39.41	0.06	0	5.1	0	9.12	82.05	332.23
51.06	192	35.14	1.94	43.21	0.1	0	4.88	0	8.22	73.72	308.33
50.73	198.19	32.98	1.94	49.74	0.06	0	4.35	0	8.45	74.81	288.75
52.12	216.03	31.76	1.94	37.86	0.02	0	3.95	0	7.24	74.23	323.89
55.31	229.72	30.82	2.02	46.97	0.07	0	3.74	0	7.84	75.77	337.46
58.83	234.96	30.08	2.11	48.76	0.02	0	3.27	0	8.34	74.2	338.27
55.98	261.01	29.79	1.92	37.03	0.03	0	3.86	0	8.89	79.25	337.64
47.35	204.83	29.12	1.76	49.46	0.01	0	3.29	0	8.74	80.38	345.91
39.35	133.22	27.59	1.69	52.8	0.04	0	2.97	0	8.4	92.81	342.45
40.46	214.11	26.73	3.09	55.23	0.1	0	3.08	0	9.47	73.95	342.6
37.23	197.21	41.08	3.4	54.54	0.02	0	2.91	0	12.19	95.43	366.82
38.78	192.02	31.53	4.08	47.8	0	0	3.05	0	15.5	72.17	370.65
37.82	178.83	32.44	6.12	49.04	0.07	0	3.19	0	18.63	101.43	384.17
31.58	165.51	31.44	3.8	58.35	0.11	0	3.99	0	19.7	102.15	395.88
30.83	172.17	27.02	3.01	47.26	0.01	0	5.18	0	20.82	98.73	432.98
32.78	164.61	24.51	5.38	49.63	0.71	0	5.88	0	23.36	91.36	430.93

33.21	164.39	24.7	4.26	41	0.48	0	4.33	0	23.28	104.45	448.74
34.37	166.03	18.53	6.42	42.68	0.45	0	8.17	0	24.26	94.24	444.27
34.65	161.22	15.9	7.21	44.77	0.81	0	8.27	0	24.81	81.41	443.43
34.42	177.63	18.04	4.28	39.09	0.92	0	7.88	0	25.36	83.59	441.83
31.77	175.38	20.62	6.71	37.87	0.7	0	5.4	0	24.53	79.38	438.98
28.0274	180.0548	17.89041	5.424658	52.43836	0.054795	0	3.780822	0	26.90411	116.8767	424.3014
26.43836	160.9589	17.23288	5.232877	41.20548	0.082192	0	2.821918	0	25.89041	115.863	429.3425
24.16438	157.7808	17.26027	4.575342	43.0137	0.739726	0	3.479452	0	29.17808	197.9726	430.0274
23.36986	151.2603	17.23288	4.191781	54.16438	1.123288	0	2.60274	0	26.41096	132.4384	425.726
38.03	83.47	16.62	3.59	25.56	0.29	0	4.3	0.33	36.89	205.97	82.52
37.09	83.18	14.22	3.63	25.97	0.3	0	4.28	0.42	34.96	215.14	78.68
36.56	81.88	15.57	3.67	27.1	0.28	0	4.55	0.3	35.37	211.3	80.97
36.71	82.09	14.61	3.8	28.71	0.29	0	4.29	0.41	37.63	212.57	81.54
36.93	87.1	15.73	3.89	29.38	0.3	0	4.08	0.31	39.55	204.58	85.52
37.39	88.01	14.63	4.02	29.27	0.29	0	3.99	0.37	44.17	202.27	86.44
37.38	88.48	14.3	4.16	30.05	0.28	0	4.02	0.41	42.96	199.94	88.43
37.99	90.85	15.88	4.27	29.73	0.29	0	4.07	0.42	43.68	203.31	88.84
38.14	90.5	16.29	4.51	29.3	0.29	0	4.47	0.43	45.65	202.66	91.67
37.46	91.32	17.35	4.66	29.73	0.28	0	4.13	0.42	45.83	204.76	93.14
36.63	94.1	16.59	4.75	31.49	0.31	0	4.44	0.47	46.5	202.47	95.56
36.42	90.25	17.89	4.99	31.41	0.32	0	3.66	0.53	47.6	195.59	98.92
35.82	87.99	19.53	5.13	33.08	0.3	0	3.87	0.53	48.52	196.32	99.08
35.09	90.49	20.01	5.07	32.73	0.31	0	3.72	0.53	47.97	203.6	100.27
34.77	93.28	21.46	5.43	31.72	0.32	0	3.65	0.54	48.75	203.56	102.37
35.51	93.48	21.68	5.67	32.59	0.33	0	3.75	0.59	49.69	203.19	103.83
36.18	99.75	22.34	5.99	36.38	0.32	0	3.67	0.6	51.83	194.53	108.46
37.21	102.61	22.98	6.21	37.93	0.34	0	3.56	0.62	53.36	192.61	117.2
36.84	103.3	24.64	6.28	39.51	0.34	0	3.46	0.59	55.41	196.26	115.63
37.73	104.78	23.41	6.66	40.76	0.38	0	3.38	0.57	57.27	197.34	123.34
37.32	109.06	24.36	7.04	41.57	0.36	0	3.53	0.63	58.08	194.56	123.47
37.82	108.74	25.97	7.14	41.37	0.35	0	3.53	0.65	57.24	194.3	127.9
37.59	108.24	25.99	7.59	42.52	0.38	0	3.51	0.42	56.9	192.13	125.51
37.2	100.98	24.12	7.96	41.08	0.39	0	3.47	0.44	58.97	193.94	125.56
36.99	105.54	30.23	8.11	41.59	0.41	0	3.43	0.51	57.96	204.18	129.88
35.95	101.19	28.12	8.31	41.68	0.44	0	3.42	0.53	59.02	214.46	128.22
35.34	102.2	28.28	8.7	42.25	0.47	0	3.24	0.71	58.21	216.44	128.75
35.36	101.47	27.83	8.48	40.71	0.55	0	3.19	0.81	55.23	207.82	131.96
35.42	101.69	30.91	8.42	45.58	0.57	0	3.26	1.43	54.07	205.43	123.53
35.66	101.75	29.57	9.14	45.89	0.63	0	3.39	1.33	54.08	202.7	128.35
35.87	97.8	32.71	8.99	47.22	0.69	0	3.67	0.88	53.81	207.89	127.65
35.98	98.63	28.98	9.09	46.69	0.73	0	3.53	0.9	53.34	210.4	129.57
34.93	98.74	28.32	8.88	47.74	0.8	0	3.55	0.82	53.42	212.14	130.03
34.78	95.56	27.31	9.2	46.2	0.77	0	3.3	0.77	52.44	219.08	129.57
34.57	100.64	29.81	9.63	47.38	0.86	0	3.43	1.24	54.08	219.34	126.91
34.14	92.72	31.31	9.91	48.98	0.84	0	3.49	1.26	52.03	233.59	131.9
34.85	96.5	31.98	10.74	49.77	0.83	0	3.89	1.38	54.9	233.92	129.86
34.78	98.67	32.67	10.51	49.01	0.9	0	4	1.54	55.92	235.94	129.29
35.69	99.75	34.87	10.98	50.84	0.9	0	4.67	1.59	56.78	241.08	126.54
36.2	102.65	35.68	11.46	51.4	0.94	0	5.12	1.65	60.28	241.02	127.85



34.62	106.71	38.06	11.77	53.54	1.01	0	5.29	1.65	61.53	235.04	131.85
35.64	115.71	37.58	12.27	54.82	1.01	0	5.19	1.68	61.79	237.57	129.19
35.88	119.72	40.8	12.77	55.11	1.04	0	5.09	1.71	59.08	248.49	127.99
36.46	120.37	42.32	12.77	55.55	1.06	0	5.12	1.71	60.65	255.75	129.12
37.65	122.11	48	12.88	54.29	1.02	0	5.12	2.06	59.69	253.79	136.58
38.54	122.48	46	13.22	56.46	1.08	0	5.21	2.07	58.94	260.22	132.16
39.27	125.58	44.5	14.23	58.49	1.16	0	5.32	2.16	60.16	257.9	130.33
39.18	124.76	48.43	14.87	60.56	1.23	0	5.75	2.35	59.39	257.01	130.17
38.8	123.79	48.29	15.29	61.1	1.14	0	6.14	1.98	60.11	261.6	134.9
38.79	129.01	51.82	16.63	62.34	1.07	0	6.55	1.67	62.5	261.36	132.87
38.93	128.69	50.93	17.32	64.28	1.21	0	6.5	2.27	60.09	257.21	133.99
38.5	125.77	54.49	17.83	64.77	1.18	0	6.53	2.33	60.5	262.06	129.79
39.02	121.27	52.3	18.44	65.52	1.21	0	6.04	2.38	62.11	257.15	130.6
36.21918	105.4521	46.19178	17.36986	99.17808	1.178082	0	4.356164	1.726027	58.87671	263.1507	136.8767
36.73973	102.0548	46.0274	17.0137	93.83562	1.424658	0	4.246575	1.780822	56.63014	262.0822	135.1781
35.72603	100.411	45.89041	16.90411	98.84932	1.589041	0	4.082192	1.917808	56.38356	255.7808	135.9178
35.80822	98.0274	46.84932	17.0137	99.69863	1.616438	0	4.054795	1.726027	56.65753	252.6301	134.2192
47.42	268.51	16.42	2.51	3.82	0	0	8.99	0	30.99	196.33	273.25
46.45	266.38	15.94	2.52	4.69	0	0	6.41	0	31.82	196.11	276.54
43.61	265.55	17.02	2.63	8.14	0	0	5.6	0	34.33	228.4	256.57
39.79	267.06	24.06	2.86	6.85	0	0	3.31	0	36.56	236.08	265.02
40.5	268.08	14.62	3.49	8.65	0	0	3.46	0	37.02	223.45	282.41
41.11	268.8	42.67	4.13	8.64	0	0	4.58	0	37.66	151.08	270.36
49.35	272.44	55.38	4.15	9.03	0	0	4.28	0	38.3	146.01	267.8
43.76	264.97	60.7	4.32	10.11	0	0	4.58	0	38.58	140.29	292.34
42.36	266.07	65.7	4.47	10.94	0	0	4.65	0	40.88	157.07	305.25
42.2	274.55	70.45	4.35	11.62	0	0	4.48	0	40.6	218.41	291.62
42.39	297.56	69.9	4.74	7.78	0	0	4.24	0	41.23	199.08	295.11
40.68	290.87	45.03	4.75	8.38	0	0	4.26	0	42.79	207.76	327.76
39.03	314.4	35.6	5.1	10.81	0	0	4.15	0	43.03	206.24	333.42
39.38	310.6	52.09	5.5	8.15	0	0	4.05	0	44.49	211.01	348.4
37.39	308.58	56.44	5.98	9.06	0	0	3.95	0	44.62	184	351.07
40.15	308.87	55.1	6.5	9.2	0	0	3.86	0	44.82	219.97	403.35
37.5	328.38	54.86	6.78	9.26	0	0	3.98	0	41.46	228.9	441.02
40.54	345.3	52.53	7.14	12.97	0	0	3.89	0	44.02	234.37	406.44
40.55	351.91	50.26	7.49	10.39	0	0	3.85	0	46.12	227.31	376.23
40.08	359.42	48.18	7.81	13.69	0	0	3.76	0	46.9	203.27	382.66
41.18	370.69	48.94	8.08	9	0	0	4.11	0	46.39	221.82	425.03
39.66	377.28	47.83	8.42	14.98	0	0	4.02	0	46.41	224.03	412.64
40.06	380.7	46.75	7.39	10.6	0	0	3.93	0	45.28	246.41	458.18
38.76	365.34	36.52	6.85	8.71	0	0	3.83	0	45.11	223.66	463.22
39.06	333.06	39.52	8.54	12.53	0	0	4.01	0	44.84	189.83	416.83
36.45	327.05	44.28	6.84	14.54	0	0	3.9	0	48.21	204.9	463.24
36.84	339.86	41.03	6.23	12.92	0	0	3.79	0	47.61	189.01	410.54
40.73	354.91	28.42	7.47	12.44	0	0	3.53	0	48.28	139.63	446.55
41.96	362.25	41.61	7.69	16.77	0	0	3.54	0	48.99	179.22	440.1
44.27	416.55	46.42	7.63	13.36	0	0	3.18	0	49.9	218.38	449.19
53.74	466.9	39.59	8.09	15.91	0	0	2.85	0	50.21	241.01	459.16
59.13	509.56	39.74	2.19	12.87	0	0	3.02	0	51.18	355.88	537.29

56.93	532.31	40.09	10.5	17.17	0	0	3.13	0	76.11	404.61	545.11
64.78	644.16	40.48	12.25	99.17	0	0	3.99	0	97.46	428.32	549.78
66.69	748.85	61.19	13.8	178.1	0	0	2.86	0	54.39	392.55	444.22
64.44	812.23	71.69	18.33	23.57	0.06	0	7.15	0	63.03	453.26	459.62
62.2	682.52	68.55	8.86	14.78	0.03	0	6.05	0	61.74	408.21	482.39
69.25	642.06	79.35	6.82	21.4	0.07	0	6.64	0	56.95	446.07	468.38
71.52	653.26	84.97	24.06	16.39	0.08	0	7.44	0	56.46	423.06	475.76
69.62	675.89	79.95	14.64	14.98	0.01	0	6.32	0	63.37	430	442.76
75.8	702.84	81.25	20.63	16.02	0.09	0	6.86	0	66.58	445.91	445.41
82.74	724.8	81.05	31.63	21.06	0.14	0	7	0	70.73	471.49	454.66
88.36	784.35	82.21	26.78	21.43	0.08	0	6.71	0	66.95	507.48	404.49
94.63	784.95	83.4	25.35	19.98	0.08	0	7.73	0	54.96	505.71	382.92
96.19	802.37	84.26	26.07	20.61	0.22	0	9.25	0	58.63	509.5	401
112.02	821.36	85.74	20.24	25.54	0.13	0	11.42	0	67.18	521.27	363.85
117.14	764.97	86.33	26.77	23.18	0.08	0	10.51	0	75.52	508.13	367.91
122.55	785.39	85.69	34.93	17.07	0.07	0	9.18	0	101.79	564.52	377.28
124.07	785.99	87.48	37.63	20.41	0.13	0	10.85	0	117.39	553.35	360.92
133.72	803.36	91.13	39.18	20.72	0.19	0	10.81	0	113.03	650.62	375.77
134	828.79	107.79	36.74	17.99	0.18	0	11.09	0.03	122.12	687.12	380.98
144.73	824.91	111.67	34.95	19.12	0.21	0	9.96	0.01	128.52	689.63	381.46
143.11	835.47	113.04	36.25	21.31	0.11	0	11.54	0.01	130.53	671.51	379.82
116.0548	934.4384	122.3014	37.78082	27.26027	0.164384	0	9.479452	0.027397	91.47945	699.6986	377.0411
94.24658	970.411	123.0959	34.49315	22.93151	0.191781	0	9.780822	0	98.93151	717.0411	373.3425
93.75342	1063.205	124	33.42466	22.21918	0.191781	0	7.671233	0	99.31507	780	387.2603
101.3973	1090.822	124.9589	44.82192	26.9589	0.027397	0	10.46575	0	106.137	813.3425	361.9178
29.12	126.3	81.85	4.95	1.82	0.17	0	1.45	0	44.98	88.51	287.72
23.55	116.53	60.3	4.53	1.11	0.09	0	1.4	0	46.97	91.28	300.75
18.11	101.64	46.34	4.14	1.06	0.04	0	1.4	0	45.25	85.93	277.36
18.07	108	43.33	4.18	1.07	0.26	0	1.44	0	46.69	81.45	272.05
18.93	109.95	48.02	4.55	1.11	0.07	0	1.38	0	43.69	74.98	293.28
18.37	117.4	34.28	4.61	0.9	0.12	0	1.23	0	45.07	75.35	301.23
17.41	119.41	27.9	4.71	1.17	0.2	0	1.22	0	47.29	67.21	317.29
19.39	135.75	42.9	4.87	1.46	0.36	0	0.95	0	48.06	78.52	317.48
19.4	137.59	32.09	4.98	1.46	0.3	0	0.51	0	45.78	77.2	314.96
18.65	130.11	42.4	5.07	1.15	0.33	0	0.62	0	41.11	85.69	306.81
20.05	138.39	38.8	5.2	1.44	0.35	0	0.42	0	50.43	92.63	309.54
20.72	144.85	35.58	5.33	2.23	0.41	0	0.76	0	47.96	86.27	344.27
21.18	137.72	49.58	5.53	2.92	0.3	0	0.96	0	45.36	92.83	358.76
21.17	167.49	62.82	5.71	1.02	0.38	0	1.21	0	48.75	99.98	373.61
20.7	172.76	85.57	5.88	1.41	0.49	0	1.06	0	59.96	130.72	388.35
21.7	191.16	68.97	6.04	1.13	0.29	0	1.61	0	64.31	102.85	390.49
24.07	203.14	67.29	6.18	2.32	0.34	0	1.06	0	69.15	103.08	397.01
22.14	205.17	67.23	6.3	2.17	0.53	0	0.84	0	69.34	97.51	446.46
22.86	197.42	78.55	6.41	1.49	0.3	0	0.86	0	79.6	110.06	456.55
23.38	221.99	75	8.46	3.04	0.57	0	1.67	0	80.38	132.57	478.49
23.82	251.84	68.31	9.83	3.06	0.6	0	1.92	0	79.25	129.28	455.94
26.01	253.33	67.03	11.63	2.47	0.66	0	1.73	0	73.33	115.27	457.29
28.13	276.46	86.37	12.79	2.99	0.87	0	1.74	0	79.4	126.45	452.57
24.95	269.58	71.92	18.58	2.79	0.23	0	1.98	0	79.03	139.59	441.5

26.5	293.04	109.87	19.21	2.99	0.55	0	2.61	0	78.68	182.58	451.37
26.92	260.5	93.56	19.81	2.88	0.3	0	1.56	0	82.85	205.22	487.29
27.66	279.96	91.9	19.48	2.36	0.28	0	0.99	0	89.91	208.4	481.98
27.97	258.23	90.98	20.05	2.38	0.35	0	1.18	0	76.18	192.25	501.87
28.85	285.28	99.36	19.95	2.41	0.45	0	1.44	0	81.76	211.45	495.23
30.71	281.6	78.76	20.28	2.81	0	0	1.3	0	79.24	164.51	503.93
31.74	268.61	101.99	20.1	2.41	0.5	0	1.66	0	76.1	213.26	488.61
32.81	277.67	99.8	19.83	3.75	0.25	0	1.96	0	72.09	216.41	516.38
34.06	334.54	89.83	19.88	4.07	0.28	0	2.47	0	74.32	217.88	516.95
33.47	296.61	65.6	20.04	4.14	0.17	0	1.94	0	71.16	202.88	507.84
33.63	273.63	100.53	19.48	3.07	0.32	0	1.95	0	70.58	231.12	507.52
33.52	220.34	92.68	19.78	3.89	0.4	0	3.4	0	71.9	207.79	512.83
30.47	248.09	88.75	19.89	4.81	0.48	0	1.93	0	76.33	206.2	489.53
31.26	274.04	90.86	21.99	2.16	0.45	0	2.05	0	52.39	216.58	541.27
32.17	263.79	78.78	20.59	3.58	0.39	0	2.45	0	58.93	236.59	538.99
32.61	282.86	101.56	21.09	4.65	0.4	0	2.56	0	78.63	208.55	493.69
28.64	311.49	75.54	20.61	2.1	0.64	0	2.77	0	77.44	224.75	505.14
30.59	311.42	106.52	20.7	8.06	0.66	0	3.59	0	80.49	229.59	506.53
33.07	288.57	140.13	21.52	4.97	0.6	0	3.86	0	82.83	268.91	530.32
37.99	325.9	139.44	22.05	5.32	0.62	0	4.42	0	84.34	320.22	521.49
38.51	324.64	153.75	21.99	4.15	0.58	0	4.65	0	75.51	321.13	520.12
36.1	334.1	157.19	20.82	5.24	1.23	0	5.57	0	77.88	302.85	491.83
35.67	334.39	113.82	20.81	5.72	0.74	0	4.08	0	86.74	296.05	484.61
33.79	331.78	149.94	20.57	7.21	0.91	0	5	0	78.45	285.35	502.73
35.88	364.47	177.89	20.41	5.5	0.8	0	5.91	0	85.3	346.45	518.02
33.28	365.13	179.98	20.35	7.56	0.38	0	5.74	0	85.59	369.54	494.16
37.84	415.36	176.77	20.31	5.82	0.93	0	4.07	0	74.92	391.02	506.64
40.64	400.12	179.49	20.75	7.48	0.92	0	5.34	0	82.82	420.27	511.14
41.36	389.11	177.48	20.33	8.14	0.96	0	5.26	0	78.22	455.45	508.01
40.46575	414.6575	179.8356	18.79452	12.27397	1.09589	0	6.109589	0	78.90411	493.9178	512.0822
38.76712	344.1918	179.863	18.19178	11.39726	1.260274	0	6.575342	0	79.15068	507.9178	512.0274
38.32877	318.8493	183.8082	18.27397	10.84932	1.39726	0	6.082192	0.027397	80.60274	522.7945	510.6301
35.78082	334.0548	180.9315	17.47945	11.64384	1.232877	0	5.479452	0	80.27397	511.3425	508.6849
145.19	459.17	100.94	24.75	32.15	0.34	0	2.77	0.04	121.8	175.26	156.14
146.17	447.7	96.43	24.65	33.56	0.38	0	2.47	0.05	123.39	180.95	155.1
148.6	449.85	97.15	25.32	33.47	0.33	0	3.08	0.05	119.25	170.7	156.2
149.06	451.1	100	26.07	35.69	0.35	0	2.73	0.07	122	169.6	156.01
144.42	444.76	100.64	27.86	35.73	0.35	0	2.75	0.11	123.89	172.14	151.95
147.29	448.55	99.96	29.32	35.31	0.31	0	2.84	0.11	121.98	171.93	151.28
151.19	434.22	98.43	30.33	34.92	0.35	0	3	0.12	123.64	178.17	151.82
154.67	437.31	101.92	30.13	35.77	0.36	0	3.07	0.13	126.3	184.72	153.53
153.97	435.01	104.58	31.43	36.98	0.34	0	3.48	0.14	129.36	169.34	152.99
154.72	430.02	107.32	32.88	37	0.33	0	3.7	0.17	129.76	172.13	152.06
154.02	428.05	103.67	33	37.74	0.38	0	3.76	0.21	130.61	177.97	151.5
150.8	430.51	98.76	34.32	37.35	0.37	0	3.72	0.28	134.48	178.34	146.12
143.29	431.48	97.21	33.75	36.43	0.41	0	4.17	0.35	134.25	176.1	156.71
150.48	429.24	101.63	34.34	38.65	0.42	0	3.56	0.54	134.95	184.17	156.52
148.92	418.2	99.55	33.71	40.24	0.39	0	3.59	0.64	135.57	186.24	158.15
156.44	430.93	101.36	35.6	40.29	0.42	0	3.75	0.79	139.54	180.5	165.17

155.43	429.74	100.68	36.37	41.11	0.48	0	3.64	0.83	139.26	187.49	160.29
152.9	420.13	101.43	38.2	39.84	0.48	0	3.39	0.9	140.74	192.26	160.2
149.45	425.32	100.74	41.37	43.05	0.47	0	3.85	0.88	144.06	197.79	166.29
151.5	435.02	95.91	42.97	43.57	0.53	0	3.38	1.18	142.79	185.24	164.61
150.35	424.53	101.11	44.42	44.25	0.54	0	3.91	1.33	140.14	181.93	164.74
142.8	427.17	98.6	45.33	46.19	0.53	0	4.2	1.19	137.7	195.72	167.85
144.7	424	93.84	45.62	45.81	0.5	0	3.44	1.22	136.18	184.86	167.36
143.3	424	101.58	45.64	45.2	0.58	0	4.53	1.11	139.87	195.61	168.5
143.88	434.28	99.23	47.44	45.19	0.57	0	4.12	1.24	139.37	192.75	172.46
143.15	438.05	98.21	50.07	45.94	0.66	0	3.32	1.13	142.44	189.62	168.31
140.1	443.06	99.19	53.7	46.99	0.66	0	4.22	1.27	143.37	194.2	170.54
140.84	427.1	101.08	55.44	47.81	0.69	0	3.71	1.22	141.47	189.97	169.24
138.29	429.76	98.89	56.36	49.72	0.74	0	3.47	1.35	141.55	202.28	163.35
135.22	429.85	94.51	59.61	49.95	0.74	0	4.33	1.3	144.38	199.61	168.31
136.38	430.04	98.42	63.35	48.62	0.77	0	4.17	1.11	143.47	196.67	168.82
137.74	439.16	96.8	66.19	49.72	0.76	0	4.22	1.23	147.02	194.13	171.21
136.55	436.12	100.92	68.88	50.88	0.68	0	3.99	1.33	148.11	194.37	171.32
140.9	439.78	105.08	71.56	51.73	0.75	0	3.78	1.48	149.65	208.7	175.68
141.02	449.28	105.35	74.49	47.27	0.73	0	4.06	1.64	149.7	205.5	184.32
140.17	447.81	106.21	74.76	51.41	0.75	0	4.14	1.76	150.19	208.27	173.14
138.66	443.96	109.13	78.13	50.97	0.77	0	4.76	1.66	151.05	209.99	171.71
142.53	446.22	109.93	80.02	52.07	0.78	0	4.58	1.77	151.87	208.36	173.68
145.39	449.35	110.17	85.02	51.92	0.88	0	5.6	1.71	144.22	230.58	171.87
144.28	452.57	104.28	86.33	51.15	0.88	0	5.7	1.85	148.73	226.48	172.15
141.84	452.55	106.16	87.12	49.81	0.88	0	5.99	1.93	145.01	220.2	173.75
143.27	452.45	105.71	89.79	50.04	0.91	0	6.13	2.15	147.16	229.93	168.71
140.6	446.59	109.46	90.62	49.95	1.02	0	5.93	2.16	147.85	229.8	173.18
141.18	440.72	106	95.09	52.16	1.03	0	6.59	2.11	152.06	231.67	168.83
139.64	447.74	100.83	93.5	53.63	1.11	0	5.87	2.21	150.5	222.34	169.74
141.15	447.07	99	96.7	51.67	1.13	0	5.77	2.19	150.18	224.65	170.11
142.96	452.57	98.85	98.62	49.87	1.13	0	6.66	2.3	146.82	227.98	172.11
141.84	459.49	94.48	101.66	50.33	1.1	0	7.52	2.52	145.57	217.28	169.73
140.24	460.43	96.04	98.27	51.94	1.03	0	5.74	2.38	144.74	221.29	167.46
138.43	460.99	95.11	102.93	50.95	1.05	0	6.52	2.65	144.4	220.03	168.86
135.57	466.36	96.55	105.72	50.89	1.09	0	7.4	2.75	146.89	217.27	167.02
136.46	473.13	99.09	103.64	49.75	1.08	0	6.99	2.71	147.79	219.59	168.15
137.14	466.68	95.23	107.22	50.73	1.14	0	7.26	2.75	147.65	214.34	168.07
136.6849	461.2329	93.36986	108	75.0411	1.041096	0	5.589041	0.657534	156.3014	219.4247	169.2055
136.137	462.2466	91.89041	112.6027	75.64384	1.123288	0	5.780822	0.575342	157.3151	217.6712	166.2192
135.1233	459.2055	93.72603	113.3425	73.26027	1.150685	0	5.69863	0.657534	155.863	218.5205	169.1233
136.8767	454.137	93.83562	114.9041	77.17808	1.287671	0	6.027397	0.712329	155.863	217.4521	168.3562
18.78	69.73	5.72	1.66	8.26	0.02	0	0.93	0	25.18	82.99	23.41
19.47	67.96	4.75	1.67	6.61	0.02	0	0.93	0	30.64	82.58	25.91
19.71	72.61	10.82	1.69	8.3	0.03	0	0.96	0	33.61	82.79	27.73
21.54	73.5	14.81	1.71	7.35	0.03	0	1.11	0	29.49	83.12	28.75
23.2	73.05	12.59	1.72	10.12	0.03	0	0.89	0	29.46	82.4	34.97
23.46	71.88	10.62	1.89	8.7	0.03	0	1.02	0	28.85	82.13	30.72
25.46	75.2	11.01	1.98	9.34	0.03	0	1.13	0	29.44	82.44	34.55
25.61	70.79	12.21	2.12	4.14	0.03	0	1.05	0	34.47	82.91	40.52

27.66	73.16	12.1	2.3	4.55	0.02	0	1.05	0	29.96	82.64	43.98
29.86	73.83	12.37	2.64	7.37	0.02	0	0.72	0	35.92	81.54	44.68
30.71	69.94	11.12	2.71	7.24	0.05	0	1.04	0	37.92	82.05	47.07
29.98	68.76	10.93	2.73	5.29	0.02	0	1.29	0	36.02	75.06	48.84
30.65	73.53	12.22	2.74	6.26	0.03	0	1.28	0	35.74	78.86	43.98
30.84	70.4	11.25	2.71	3.84	0.02	0	1.21	0	34.62	79.95	41.5
34.72	67.96	10.01	2.67	8.12	0	0	1.36	0	29.88	73.55	39.45
31.6	74.35	10.81	2.63	11.02	0	0	1.31	0	41.7	75.68	36.04
38.58	91.46	12.31	2.58	18.41	0	0	1.51	0	42.55	75.85	37.99
37.67	110.55	12.06	2.52	17.25	0	0	0.97	0	42.59	76.88	45.15
37.04	121.14	21.71	2.47	23.47	0	0	0.79	0	42.26	75.65	59.69
39.95	110.89	14.4	3.12	21.41	0	0	0.87	0	41.71	74.58	58.99
38.98	150.8	12.08	3.42	18.7	0	0	1.07	0	33.68	73.02	55.1
41.3	100.41	11.11	3.95	12.41	0	0	1.03	0	31.99	70.75	52.56
36.06	111.75	10.71	5.76	16.4	0	0	0.99	0	29.15	69.57	52.42
38.42	119.73	9.89	4.02	17.95	0	0	0.95	0	28.26	68.7	52.91
38.21	188.71	9.97	4.5	17.98	0	0	0.93	0	29.33	63.38	43.91
36.31	90.38	9.64	4.98	14.62	0	0	0.9	0	29.18	64.03	38.59
39.52	95.74	9.72	6.58	24.42	0	0	0.88	0	28.51	63.95	37.22
38.3	100.65	8.12	5.36	23.79	0	0	0.86	0	27.98	63.35	26.62
39.91	106.58	7.01	5.69	9.92	0	0	0.84	0	31.67	62.75	40.71
36.24	96.78	8.11	6.03	25.94	0	0	0.73	4.51	32.56	62.02	38.03
33.96	73.65	6.92	5.7	25.93	0	0	0.77	0.13	31.51	61.31	31.92
34.31	58.02	9.25	7.69	22.93	0	0	0.8	1.77	28.53	58.29	38.43
32.72	51.97	3.94	4.89	22.21	0	0	0.76	0	25.3	56.43	41.68
30.32	52.67	6.84	3.33	14.39	0	0	0.6	0	20.77	54.15	47.68
27.96	52.06	5.14	4.04	9.52	0	0	0.56	0	23.54	54.4	57.59
32.13	52.54	5.17	3.45	8.85	0	0	0.59	0	26.11	56.07	61.43
33.55	53.52	6.31	7.31	8.71	0	0	0.62	0	31.71	53.31	63.09
35.37	53.69	6.59	8.65	9.35	0	0	0.64	0	29.15	53.06	61.63
34.21	40.75	4.15	7.41	10.03	0	0	0.52	0	34.9	48.88	62.67
38.74	40.68	0.74	10.83	13.14	0	0	0.57	0.14	26.45	54.93	71.35
40.3	42.92	15.1	7.97	14.26	0	0	0.62	0.15	29.39	55.11	65.66
41.98	43.41	16.7	15.8	15.31	0.01	0	0.69	0.21	36.26	57.66	66.73
43.41	42.65	15.98	19	15.88	0.02	0	0.57	0.32	41.49	57.2	73.72
38.81	41.71	7.13	16.15	19.91	0.02	0	0.58	0.35	39.3	64.35	81.61
44.08	41.89	7.76	18.34	18.84	0.02	0	0.56	0.37	37.09	59.58	86.21
44.63	34.14	27.62	22.08	18.76	0.03	0	0.56	0.96	38.25	65.75	91.43
47.67	34.4	47.47	22.94	18.8	0.02	0	0.61	1.36	39.55	60.78	93.57
49.1	33.12	41.34	27.49	19.51	0.04	0	0.62	2.23	44.14	133.38	96.43
45.72	28.16	78.52	25.54	20	0.03	0	0.59	0.88	40.17	182.44	95.31
44.02	30.33	77.98	36.08	19.43	0.03	0	0.67	0.86	38.92	185.02	97.09
48.39	30.72	76.01	41.93	19.93	0.03	0	0.71	1.07	40.13	196.73	105.39
52.56	34.39	55.96	45.97	23.91	0.05	0	0.64	0.8	42.69	180.91	110.09
54.64	33.93	55.86	47.48	22.25	0.07	0	0.62	1.41	44.69	185.37	111.57
47.72603	43.42466	43.47945	41.31507	38.84932	0.082192	0	0.684932	1.09589	71.64384	87.89041	86.52055
40	29.0137	37.75342	36.13699	38.35616	0.054795	0	0.520548	1.150685	47.39726	75.15068	84.10959
38.46575	27.91781	38.16438	25.0137	37.9726	0.027397	0	0.438356	1.150685	46.71233	68.46575	82.54795
40.24658	26.90411	41.31507	28.93151	36.79452	0.027397	0	0.438356	1.260274	57.86301	72.08219	89.31507

48.62	308.06	30.29	11.41	62.81	0.1	0	0	0	1143.93	16.98	246.51
55.64	263.88	27.1	18.4	65.46	0.2	0	0	0	1155.05	20.14	227.65
50.95	246.35	33.5	17.69	51.72	0.19	0	0	0	1405.84	31.4	231.47
51.77	228.23	28.84	19.64	47.27	0.28	0	0	0	1082.47	27.13	264.45
48.23	232.63	27.08	15.43	48.45	0.32	0	0	0	764.41	35.37	266.49
59.22	207	29.64	24.25	38.58	0.45	0	0.04	0	492.47	38.98	219.46
47.78	232.92	28.81	22.32	31.64	0.18	0	0.04	0	349.61	42.07	151.78
47.34	219.79	29.01	25.35	40.36	0.87	0	0.04	0	188.48	53.05	154.3
60.52	242.13	28.51	23.67	45.68	0.56	0	0.13	0	310.72	60.66	154.38
67.89	254.82	34.9	34.01	40.97	0.25	0	0.59	0	323.95	71.09	163.9
67.35	264.16	32.88	28.93	38.61	0.42	0	0.62	0	590.41	71.68	174.31
58.01	270.44	28.34	29.28	39.91	0.49	0	0.61	0	92.65	72.18	174.62
53.85	255.16	20.27	14.14	31.79	0.64	0	0.64	0	90.29	53.97	156.48
43.89	236.6	24.46	26.4	31.29	0.83	0	1.11	0	87.43	45.11	163.84
37.21	254.35	19.02	23.74	32.76	1.07	0	0.75	0	81.9	47.33	175.79
37.1	237.47	21.29	17.5	30.37	0.78	0	0.59	0	90.09	53.27	171.96
46.22	271.02	10.88	13.46	26.11	0.59	0	0.04	0	87.24	38.31	180.14
53.22	281.16	24.31	32.95	22.92	0.35	0	0.04	0	81.46	50.19	147.65
53.85	306.17	24.85	34	24.31	0.39	0	0	0	84.98	68.07	136.34
76.31	351.99	29.9	38.59	23.41	0.74	0	0.2	0	95.65	72.16	139.12
60.08	350.74	34.01	78.43	19.88	0.31	0	0.16	0	109.61	110.09	126.61
62.18	366.05	34.58	85.05	21.2	0.79	0	0	0	96.72	106.7	133.09
64.11	353.74	35.9	92.99	19.58	0.89	0	0	0	80.79	113.99	145.68
73.82	361.38	37.33	107.71	20.04	1.02	0	0.04	0	74.56	120.53	164.1
74.24	366.5	13.16	115.65	18.31	1.42	0	0	0	78.09	127.92	172
76.14	357.79	14.2	121.31	20.65	1.47	0	0	0	79.18	133.62	164.5
84.21	371.92	15.92	132.12	21.31	1.66	0	0	0	69.66	148.91	169.62
87.89	388.02	17.22	146.25	22.18	1.08	0	0	0	84.3	166.18	168.11
67.9	394.25	24.04	161.42	22.54	0.79	0	0	0	86.88	184.56	182.38
72.38	387.39	28.46	174.11	22.54	0.97	0	0	0	90.4	198.9	184.12
71.18	367.82	19.71	159.17	25.98	1.1	0	0	0	91.23	206.12	176.04
72.57	401.61	12.92	145.68	25.57	3.22	0	0.3	0	91.72	209.18	186.84
72.4	358.55	29.21	130.24	25.63	0.72	0	0	0	82.22	190.19	170.65
61.11	386.22	30.75	143.94	24.86	0.74	0	0.16	0	86.73	130.49	179.47
58.96	386.46	19.94	133.52	26.43	0.48	0	0	0	89.27	145.28	183.45
51.47	373.74	19.37	166.97	26.03	0.31	0	0.08	0	88.06	117.83	171.41
51.25	372.89	19.98	164.84	25.68	0.23	0	0.04	0	85.94	132.57	170.26
58.92	354.02	20.51	155.13	25.36	0.19	0	0	0	89.44	149.42	177.66
54.96	341.02	9.26	155.52	25.41	0.15	0	0.25	0	87.52	156.1	173.57
56.07	349.08	14.61	136.64	25.82	0.63	0	0.07	0	86.61	154.9	171.72
52.22	351.14	24.45	139	25.49	1.04	0	0.07	0	86.66	114.55	154.74
59.5	353.28	25.58	130.17	25.38	0.48	0	0.03	0	86.36	118.15	155.57
54.36	327.26	23.64	134.65	25.74	0.67	0	0	0	83.54	114.56	158.78
53.7	282.58	21.52	137.52	27.56	0.86	0	0.07	0	93.12	117.94	159.1
87.51	340.22	36.44	142.41	32.89	3.86	0	1.12	0.26	79.66	266.23	161.9
76.64	315.43	39.74	145.33	31.02	1.55	0	0.26	2.15	85.01	177.11	166.47
81.54	365.64	41.52	149.39	29.83	3.66	0	0.03	0.07	87.3	143.12	162.55
86.48	365.25	46.13	151.38	31.1	3.22	0	0.03	0.25	89.19	156.37	164.55
77.42	363.58	39.14	152.92	29.82	2.71	0	0.03	0.03	87.58	147.63	168.38

72.21	343.49	38.55	156.29	30.31	3.15	0	0.03	0.04	87.63	130.01	176.63
78.91	370.78	41.8	157.91	29.05	3.58	0	0.85	0.29	79.64	193.14	166.83
72.68	344.64	40.59	154.7	19.38	7.7	0	3.42	0.83	87.93	178.86	166.65
79.41	347.7	42.82	161.16	25.93	4.05	0	2.03	0.19	90.14	209.04	170.03
58.32877	210.8493	32.9863	149.4521	43.42466	3.342466	0	1.260274	0.821918	124.7397	176.9863	177.7534
53.86301	225.0959	26.93151	150.6575	41.17808	3.342466	0	1.178082	0.794521	118	174.7397	187.2877
49.12329	219.3151	24.73973	132.3562	38.63014	2.684932	0	0.958904	0.712329	126.8219	152.411	177.8904
56.82192	220.8767	32	148.2192	36.10959	4.684932	0	1.013699	0.739726	134.4384	191.863	162.7945
296.3	372.2	222.19	5.61	10.09	0.16	0	0.85	0	107.17	224.32	346.66
299.06	383.81	129.62	6.54	8.97	0.17	0	0.83	0	100.98	227.87	353.28
296.76	399.01	147.23	7.85	11.55	0.21	0	0.7	0	76.14	213.15	352.93
235.53	421.29	148.81	10.63	13.2	0.19	0	0.72	0	112.13	225.75	355.9
249.57	410.43	254.95	15.7	14.56	0.19	0	0.81	0	102.42	222.39	353.9
279.16	450.34	144.14	14.82	4.93	0.17	0	0.92	0	109.03	219.58	328.75
287.06	414	171.88	15.05	9.72	0.21	0	0.87	0	110.61	230.3	330.08
297.12	463.88	184.82	16.31	13.1	0.23	0	1.13	0	108.64	219.72	330.95
313.9	446.7	218.23	16.96	15.19	0.28	0	1.12	0	108.79	227.26	312.05
289.82	430.11	214.47	21.36	16.75	0.21	0	1.08	0	117.91	225.38	338.07
243.08	460.07	180.29	23.84	9.01	0.3	0	0.94	0	117.87	217.88	333.4
225.23	467.65	150.85	22.62	17.04	0.32	0	0.8	0	120.76	213.22	309.61
237.82	469.24	143.78	22.48	13.2	0.23	0	0.8	0	98.78	221.46	314.75
259.56	486.59	197.87	30.16	16.37	0.34	0	1.29	0	119.71	215.61	311.8
290.72	499.78	120.14	29.18	15.53	0.37	0	1.12	0	112.23	240.45	318.2
296.5	474.81	131.61	26.67	10.25	0.23	0	1.08	0	105.57	209.74	321.89
295.43	472.42	148.33	25.11	3.4	0.31	0	1.29	0	99.29	190.1	320.97
301.23	472.18	134.66	26.44	8.87	0.29	0	1.49	0	110.55	201.01	320.43
291.21	495.9	142.54	29.5	10.34	0.36	0	1.38	0	108.56	213.87	317.5
293.98	490.35	136.36	30.69	6.78	0.36	0	1.57	0	110.05	214.19	314.07
292.5	454.01	185.58	30.16	8.3	0.39	0	1.23	0	102.6	174.23	310.21
247.91	433.71	145.45	32.32	10.53	0.37	0	1.02	0	101.72	207.46	316.17
236.97	456.75	157.43	33.38	9.53	0.4	0	0.8	0	109.86	201.86	305.94
251.35	463.23	165.15	32.49	13.32	0.34	0	0.88	0	113.97	195.51	304.69
272.9	473.37	173.27	33.09	12.1	0.31	0	0.96	0	114.78	215.18	308.68
247.31	437.45	156.87	35.22	13.47	0.32	0	1.19	0	117.33	220.66	301.73
246.17	529.21	157.15	39.72	15.47	0.36	0	0.99	0	109.01	207.54	314.16
230.91	474.09	214.3	33.82	16.22	0.26	0	0.89	0	101.15	208.66	301.75
223.31	506.3	159.13	29.65	16.79	0.37	0	0.87	0	101.23	196.29	318.7
216.76	458.79	114.17	31.08	15.15	0.39	0	0.94	0	115.16	198.79	313.42
222.53	478.68	123.94	34.14	11.3	0.5	0	1.29	0	114.19	207.97	315.32
220.93	553.45	111.88	44.05	18.74	0.47	0	1.29	0	115.67	216.9	296.59
226.22	550.89	144.7	61.53	8.36	0.35	0	1.32	0	117.48	205.79	288.93
220.07	582.24	153.9	64.31	11.85	0.46	0	1.43	0	124.97	207.06	291.06
201.35	587.65	161.55	65.36	12.88	0.49	0	1.26	0	128.79	213.85	292.17
194.78	623.61	147.39	63.05	17.28	0.48	0	1.34	0	123.93	200.2	297.94
195.8	618.49	194.42	65.45	16.37	0.56	0	1.26	0	122.4	182.74	287.91
198.17	625.26	209.02	74.09	11.81	0.6	0	1.18	0	120.4	199.33	287.81
213.96	631.59	166.6	76.6	15.6	0.48	0	1.27	0	130.82	216.33	286.31
211.22	618.61	132.08	76.21	14.46	0.47	0	1.39	0	131.01	196.99	267.88
201.2	599.9	147.22	73.42	16.79	0.48	0	1.46	0	130.5	197.38	256.05

182.41	468.29	130.81	51.96	15.44	0.35	0	0.83	0	128.42	195.68	262.64
191.19	455.75	119.92	53.85	20.23	0.42	0	0.98	0	127.56	188.26	266.95
195.2	385.71	110.21	60.27	21.53	0.38	0	1.02	0	131.08	183.16	266.86
195.86	511.7	92.74	66.71	16.99	0.39	0	1.01	0	135.81	192.77	263.73
196.07	503.6	97.06	76.12	17.67	0.32	0	1.03	0.01	133.24	177.49	267.54
195.36	536.14	98.03	79.31	18.66	0.37	0	1.2	0.01	133.93	185.14	268.91
194.36	556.31	93.07	86.49	21.7	0.42	0	1.07	0.01	133.32	184.17	270.75
196.2	527.26	96.35	91.66	21.4	0.42	0	1.21	0.01	131.61	180.7	271.64
195.72	527.48	93.1	94.88	22.5	0.26	0	1.28	0.01	131.11	182.51	272.66
197.75	520.52	99.34	105.39	21.39	0.3	0	1.26	0.01	131.74	193.15	267.24
197.86	537.2	103.79	108.03	22.16	0.28	0	1.33	0.01	131.13	200.32	269.41
203.13	537.25	90	105.92	24.03	0.28	0	1.29	0.01	132.11	189.18	282.48
198.0822	524.7123	100.4384	101.0411	35.34247	0.246575	0	0.739726	0.027397	131.4247	178.0548	287.9726
198.6575	541.5068	101.2055	115.726	36.57534	0.246575	0	0.712329	0.027397	129.726	181.8904	289.8082
197.2603	500.0274	102.1096	114.6575	32.9589	0.246575	0	0.876712	0.027397	126.3288	181.1507	285.0685
200.0274	438	104.8767	115.726	33.31507	0.30137	0	0.849315	0.027397	129.9452	185.3699	288.137
45.45	300.14	175.31	9.37	19.86	0	0	0	0	61.44	363.19	427.83
49.83	134.74	199.99	5.04	15.45	0	0	0	0	62.94	272.34	442.29
56.78	278.8	219.18	3.75	14.07	0	0	0	0	60.27	359.21	396.75
62.61	152.9	249.85	7	8.16	0	0	0.02	0	61.61	361.32	422.56
41.69	226.78	222.79	16.23	8.22	0	0	0.06	0	61.56	367.28	393.11
46.11	224.36	206.85	17.31	6.48	0	0	0.06	0	60.44	318.14	439.31
47.86	241.82	229	17.56	9.7	0	0	0.05	0	69.72	334.73	435.28
43.12	258.44	230.72	19.3	9.01	0.03	0	0.26	0	68.08	378.05	432.77
51.16	260.13	174.75	14.56	8.48	0.03	0	0.49	0	67.04	329.55	428.71
50.44	267.52	178.18	16.76	8.24	0.06	0	0.91	0	70.9	339.95	413
54.19	341.81	137.14	17.1	11.76	0.06	0	0.64	0	77.06	440.43	385.69
60.59	352.13	131.58	16.48	10.53	0.09	0	0.99	0	87.62	515.65	399.36
64.74	352.39	164.52	16.49	10.1	0.09	0	1.38	0	85.14	596.72	443.32
69.6	412.22	194.62	20.03	12.51	0.14	0	0.81	0	94.13	653.69	393.88
78.73	457.92	178.18	13.76	15.48	0.09	0	0.55	0	92.79	796.93	406.22
82.55	476.07	140	29.84	13.6	0.09	0	5.3	0	94.04	903.4	377.13
104.74	447.43	137.76	40.13	11.66	0.08	0	4.8	0	98.93	891	393.88
92.02	490.39	156.69	30.5	11.7	0.05	0	4.45	0	103.11	884.58	360.94
85.44	521.67	132.66	38.39	10.08	0.09	0	5.49	0	112.25	784.94	343.58
88.4	526.39	121.06	39.95	8.49	0.22	0	4.73	0	101.02	842.89	356.35
97.87	568.56	122.63	38.13	8.44	0.13	0	4.76	0.01	101.08	938	347.77
101.22	577.51	123.57	36.58	8.71	0.12	0	5.91	0.01	97.39	955.91	357.8
99.80822	573.2055	114.0822	36	10.49315	0.191781	0	2.712329	0.027397	141.8082	1113.973	357.7534
98.54795	535.9452	119.4521	35.91781	9.287671	0.246575	0	4.630137	0.027397	143.2329	1137.945	361.2877
96.21918	574	124.4658	36.16438	9.041096	0.191781	0	4.767123	0.027397	143.5342	1012.795	364.7123
97.83562	552.2466	112.274	44	9.013699	0.273973	0	6.164384	0.027397	146.5753	921.0959	362.9863
13.72	61.97	25.62	2.4	177.58	0.89	0.61	1.47	6.68	39.61	188.35	76.87
14.79	62.03	23.38	2.49	186.99	0.89	0.61	1.51	6.66	39.46	186.18	80.44
17.29	62.17	22.33	2.61	193.63	0.95	0.68	1.44	7.07	38.94	178	82.82
19.38	61.75	22.69	2.65	200.41	0.9	0.79	1.53	7.27	40.77	170.37	89.44
20.42	60.22	25.51	2.77	198.25	0.78	0.82	1.46	6.4	44.3	171	97.01
21.35	60.59	25.44	2.89	200.18	0.73	0.94	1.39	7.84	42.78	174.93	97.45
21.64	60.9	24.76	3.06	199.84	0.72	0.93	1.46	8.01	39.78	177.29	96.71



21.29	62.42	25	3.23	202.01	0.7	0.92	1.53	7.62	38.91	178.01	98.57
21	63.06	26.45	3.39	200.89	0.77	1.04	1.44	7.23	44.34	177.22	101.98
20.88	61	26.87	3.53	212.2	0.87	0.93	1.55	7.67	46.71	161.76	104.64
22.08	62.08	26.17	3.68	209.75	0.83	1.09	1.53	7.75	45.78	168.44	104.82
22.88	61.96	26.85	3.92	207.12	0.74	1.31	1.6	6.86	42.13	159.91	116.51
23.03	62.38	29.2	4.07	207.35	0.79	1.15	1.64	7.57	44.7	166.07	118.31
22.97	63.85	26.88	4.19	207.61	0.82	1.45	1.58	6.97	48.24	165.62	116.44
22.99	63.12	27.82	4.31	212.28	0.82	1.42	1.56	6.69	45.8	166.34	119.45
22.79	66.62	26.42	4.58	209.12	0.78	1.42	1.5	6.43	46.4	166.59	113.53
23	69.45	28.1	4.87	213.48	1.05	1.9	1.65	6.17	50.73	169.45	122.29
24.14	70.97	30.07	5.26	215.27	1.09	1.97	1.65	6.18	51.83	175.72	136.85
26.71	72.8	30.99	5.62	211.52	1.03	1.85	1.61	6.14	51.23	175.59	140.78
27.86	72.9	27.85	5.85	211.52	1.02	1.95	1.61	6.49	47.82	170.74	145.74
28.65	75.26	28.06	6.15	211.32	0.98	1.86	1.79	6.5	51.23	179.62	149.76
29.62	76.78	28.93	6.45	222.15	1.01	1.74	1.73	6.17	50.42	184.17	153.25
30.19	79.38	28.4	6.72	227.13	1.13	1.85	1.81	5.97	52.72	190.89	163.28
31.85	82.7	30.97	6.67	226.04	1.08	1.99	1.74	5.88	57.79	200.85	163.19
33.88	84.66	31.23	6.86	227.02	1.15	1.96	1.78	5.63	56.61	204.59	166.03
34.51	85.28	28.23	7.41	222.96	1.18	1.96	1.8	6.06	53.92	217.1	169.39
35.78	85.96	30.31	8.05	224.77	1.28	1.64	1.88	6.17	53.49	221.62	172.36
37.31	87.7	31.92	8.69	225.97	1.31	1.88	2.06	6.19	54.12	221.72	172.21
38.3	88.01	32.73	8.79	225.76	1.31	2.02	1.99	5.73	56.17	223.79	175.07
39.63	89.31	35.98	9.13	225.74	1.33	1.85	2.28	5.86	56.42	227.41	165.3
40.86	90.29	34.22	10.09	215.46	1.32	2.47	2.42	5.06	58.19	219.93	179.6
44.02	96.69	40.78	11	209.16	1.41	3.25	2.59	5.56	58.5	238.29	185.96
45.22	97.77	40.69	12.22	212.55	1.61	3.87	2.69	6.34	53.33	254.72	185.49
47.39	100.46	37.83	12.86	211.88	1.48	4.16	2.83	7.15	56.5	262.36	187
48.69	104.05	39.99	14.33	214.36	1.41	4.04	2.84	6.32	59.61	277.44	186.93
48.53	108.24	42.24	14.46	215.28	1.58	4.16	3.27	6.35	58.9	294.41	184.55
50.24	108.96	53.66	15.5	214.44	1.6	4.15	3.51	7.32	65.76	294.24	187.06
51.85	109.95	55.11	16.02	215.06	1.76	4.9	3.43	6.1	75.73	308.94	187.16
52.4	114.72	58.27	17.11	217.31	1.74	5.46	3.08	5.22	74.49	333.76	186.82
54.37	114.85	63.75	18.08	215.41	1.76	5.66	3.27	5.55	63.26	371.42	186.09
53.98	116.06	60.95	17.98	213.09	1.86	5.8	3.31	5.4	61.81	384.3	181.49
55.09	118.4	65.3	18.46	212.1	1.71	6.26	3.6	5.04	60.8	393.83	178.98
56.9	124.02	64.76	19.23	210.56	2.03	6.74	3.9	5.13	62.44	398.46	174.45
57.17	130.6	71.7	19.08	211.38	2.01	7.36	4	5.15	58.97	392.18	174.55
58.21	134.88	72.12	20.28	211.75	2.16	7.36	4.42	5.46	59.01	404	171.04
59.78	141.47	62.31	20.92	210.86	2.19	7.41	4.78	5.38	60.35	417.77	173.71
61.09	147.57	66.81	22.3	211.57	2.35	7.56	5.05	5.38	63.39	428.77	172.71
62.59	149.26	73.31	23.31	214.62	2.3	7.72	5.73	5.26	62.81	442.31	171.38
63.58	153.85	72.28	24.55	213.99	2.27	7.92	6.11	5.36	59.47	445.82	169.26
65.37	158.62	77.1	25.15	214.31	2.56	8.26	6.35	5.52	59.57	459.71	171.42
65.33	164.3	78.89	26.02	214.72	3.01	8.57	6.46	5.37	61.22	470	170.38
67.12	168.93	79.93	26.5	213.75	2.93	9.23	6.76	5.63	63.25	484.58	169.18
68.01	168.95	79.45	26.81	213.2	2.85	9.2	6.71	5.57	63.05	492.58	172.28
66.90411	161.7808	78.82192	25.69863	318.7123	2.958904	0.739726	11.72603	5.205479	55.26027	482.2466	171.0137
67.09589	162.9863	79.09589	25.67123	318.2192	2.876712	0.794521	6.630137	5.589041	56.79452	491.3973	170.7945
66.9589	166.9315	79.12329	26.57534	320.9315	3.287671	0.876712	9.205479	5.561644	57.45205	493.3973	172.8493

67.26027	171.6712	81.20548	26.60274	321.2329	3.424658	0.876712	6.712329	5.671233	52.49315	500.2192	173.3973
298.29	699.48	98.55	13.15	8.55	0.43	0	0.59	0	154.03	168.52	269.42
321.93	703.26	114.11	12.77	6.2	0.41	0	0.62	0	149.07	168.27	277.89
324.1	689.16	145.4	12.79	8.5	0.48	0	0.87	0	150.2	164.53	282.21
326.44	699.93	119.25	14.54	8.46	0.45	0	0.8	0	153.98	168.27	271.89
313.19	708.73	105.67	17.3	8.43	0.42	0	0.98	0	154.39	173.29	255.36
301.19	749.64	131.65	16.18	6.61	0.41	0	2.78	0	150.89	185.04	281.13
282.82	707.52	126.72	20.17	7.12	0.42	0	3.16	0	147.38	179.92	279.57
289.2	716.88	129.39	22.69	7.84	0.42	0	3.01	0	148.12	176.23	270.47
300.67	692.87	153.78	23.46	5.16	0.42	0	3.37	0	149.62	187.64	266.31
289.61	679.41	138.41	25.96	8.92	0.41	0	2.79	0	151.72	170.9	262.7
304.16	696.66	141.62	31.13	11.1	0.39	0	3.35	0	151.52	188.48	253.83
317.58	697.31	148.35	32.86	6.07	0.42	0	3.87	0.04	154.68	184.03	257.97
304.84	701.31	126.39	31.72	11.42	0.37	0	3.66	0.04	154.12	170.84	232.83
248.12	657.83	110.95	37.79	9.34	0.61	0	4.1	0.06	153.16	179.05	244.47
336.72	665.79	128.57	36.41	8.56	0.38	0	4.62	0.05	147.62	181.89	231.45
351.01	663.44	118.53	38.85	9.72	0.43	0	4.92	0.06	156.53	174.42	237.45
339.72	591.91	125.58	41.21	12.99	0.43	0	4.75	0.07	153.52	182.31	229.5
349.07	564.31	129.99	45.79	9.79	0.48	0	4.56	0.08	153.01	212.72	209.05
295.79	604.5	133.4	49.89	10.92	0.52	0	3.47	0.08	147.35	185.46	217.96
276.13	598.38	140.69	56.89	20.78	0.37	0	4.24	0.07	152.27	187.18	220.9
274.02	596.63	140.82	54.23	19.43	0.41	0	4.66	0.09	148.52	186.44	224.31
285.91	626.8	147.68	51.16	15.17	0.36	0	4.37	0.1	146.26	193.94	226.78
266.8	648.86	133.68	55.67	17.12	0.35	0	4.87	0.11	136.69	201.4	219.73
265.99	647.97	161.9	52.28	13.02	0.34	0	5.45	0.13	141.36	207.04	231.88
272	625.37	153.36	59.68	12.41	0.38	0	6.17	0.12	142.62	217.41	222.4
271.73	635.02	144.78	60.68	12.75	0.32	0	6.04	0.15	138.06	211.2	196.6
271.15	632.39	152.28	63.27	18.67	0.35	0	4.9	0.13	132.13	214.98	199.25
266.46	647.87	158.09	63.41	18.72	0.37	0	4.54	0.17	133	219.55	208
268.15	678.05	151.33	63.87	19.75	0.52	0	5.67	0.18	137.08	237.87	196.75
278.36	646.25	165.81	65.66	21.77	0.31	0	6.22	0.19	136.76	237.79	192.39
270.39	643.41	155.09	65.34	15.49	0.53	0	6.92	0.17	132.62	236.31	198.18
267.65	657.39	155.49	68.51	15.33	0.39	0	7.94	0.22	139	227.28	186.45
261.28	659.18	149.54	70.54	17	0.39	0	7.19	0.21	125.84	216.51	190.73
261.52	679.37	155.4	72.8	17.92	0.46	0	7.72	0.22	122.04	241.19	201.79
254.43	664.62	145.21	71.66	19.24	0.47	0	8.74	0.28	131.88	235.75	214.12
247.51	671.39	166.03	73.31	21.59	0.41	0	8.29	0.32	123.95	252.36	206.62
232.06	654.37	159.59	84.56	21.65	0.55	0	9.96	0.31	134.2	245.81	203.55
242.04	594.1	169.26	89.18	20.89	0.68	0	9.76	0.28	131.77	247.77	187.58
246.49	607.5	160.99	84.45	22.13	0.47	0	10.78	0.28	120.34	245	188.26
243.88	597.65	143.94	88.69	24	0.49	0	10.56	0.33	123.37	268.62	181.5
244.22	598.42	155.13	86.64	25.78	0.4	0	11.83	0.3	124.85	288.12	184.75
239.05	628.12	157.65	92.26	27.02	0.56	0	13.32	0.3	125.1	259.71	197.65
256.15	584.87	143.67	94.83	26.98	0.53	0	15.07	0.35	128.38	249.33	196.36
227.48	553.41	152.24	94.21	27.41	0.65	0	15.2	0.38	128.28	275.94	178.71
247.77	598.79	148.51	101.16	27.32	0.63	0	16.94	0.36	128.26	268.65	174.65
229.63	650.98	148.47	102.9	27.08	0.63	0	18.75	0.38	127.23	267.83	179.69
255.88	620.64	147.59	106.96	27.13	0.9	0	19.99	0.4	129.86	274.16	185.63
231.51	638.4	175.73	102.13	31.31	1.12	0	19.08	0.43	128.84	280.77	198.43

227.54	608.21	145.07	104.81	31.18	1.35	0	19.71	0.41	125.86	266.52	208.63
219.91	659.09	148.72	109.96	31.81	1.36	0	20.6	0.44	126.21	268.68	201.68
229.27	627.46	141.54	124	29.92	1.28	0	19.4	0.47	127.41	263.27	202.86
215.87	631.23	157.01	124.87	28.84	1.25	0	20.44	0.51	125.65	274.17	190.37
213.87	653.3	149.55	126.37	30.23	1.15	0	20.42	0.53	126.26	282.18	193.05
225.5068	630.9315	137.5616	128.0274	37.34247	1.780822	0	13.42466	2.520548	130.5753	240.8767	209.726
237.7808	617.1233	136.4658	129.3425	37.89041	1.890411	0	11.23288	2.767123	127.6986	250.7397	197.2877
233.0685	589.9178	130.3288	129.9178	42.38356	2.246575	0	13.31507	3.150685	129.0959	258.6575	204.7945
223.6712	612.3288	131.4247	130.5479	43.69863	1.808219	0	15.78082	1.945205	126	255.9726	208.3014
298.51	673.86	112.44	12.06	7.61	0.41	0	0.67	0	150.39	179.72	262.53
323.53	675.14	125.48	12.08	5.62	0.4	0	0.6	0	147.17	181.08	268.57
322.37	665.43	150.63	11.83	7.77	0.46	0	0.86	0	147.58	183.43	271.98
323.35	660.79	130.17	13.39	7.83	0.44	0	0.81	0.01	147.79	186.75	264.2
307.71	674.28	120.15	15.85	7.94	0.41	0	0.95	0.01	150.85	189.39	250.64
301.11	716.84	141.81	15.07	6.32	0.41	0	2.4	0.01	148.82	186.31	271.35
285.98	670.46	132.6	18.36	6.48	0.43	0	2.68	0.01	145.38	183.81	267.68
292.83	694.57	142.43	20.47	7.27	0.43	0	2.54	0.01	144.16	183.16	259.21
305.97	673.25	163.47	21.38	4.78	0.42	0	2.95	0.01	147.07	198.32	255.36
289.16	674.6	148.03	23.8	8.05	0.42	0	2.42	0.01	149.05	180.36	251.94
302.44	687.38	146.26	28.56	9.95	0.39	0	2.87	0.02	148.1	192.75	243.99
315.19	691.59	149.4	30.04	5.8	0.42	0	3.3	0.06	150.67	193.47	247.13
304.12	708	135.87	29.3	10.33	0.39	0	3.14	0.05	150.25	183.77	226.58
253.07	675.56	114.43	35.51	8.63	0.57	0	3.52	0.55	150.92	190.88	236.26
339.09	681.7	132.4	33.98	8.03	0.36	0	3.98	0.11	143.15	193.29	226.73
359.09	690.2	125.91	36.06	8.88	0.41	0	4.17	0.08	152.7	182.61	231.67
330.69	618.06	132.26	37.94	11.77	0.42	0	4.14	0.09	148.85	191.83	228.04
347.89	578.18	134.39	43.09	8.95	0.46	0	4.03	0.1	150.63	223.87	208.79
291.06	601.29	133.15	46.1	10.08	0.5	0	3.2	0.1	145.67	196.85	216.77
279.02	606.19	140.06	51.51	18.26	0.36	0	3.89	0.09	147.7	200.38	219.71
272.04	620.34	139.31	50.42	17.1	0.39	0	4.32	0.13	144.4	193.17	221.73
284.09	644.94	147.77	47.45	13.71	0.36	0	4.1	0.12	144.32	203.86	224.44
260.82	656.44	137.4	50.69	15.3	0.34	0	4.49	0.15	133.97	207.07	215.45
265.15	661.81	163.62	49.13	11.96	0.34	0	4.97	0.16	139.11	211.48	223.88
270.62	649.3	153.66	56.12	11.58	0.38	0	5.72	0.13	140.54	224.1	215.69
277.36	646.35	146.7	56.59	11.88	0.32	0	5.5	0.15	139.33	220.66	195.97
272.74	629.55	153.18	59.09	17	0.35	0	4.67	0.13	135.64	229.66	197.35
266.51	663.4	157.69	59.95	17.2	0.38	0	4.47	0.17	135.02	229.64	204.45
258.67	681.79	151.63	60.95	18.14	0.51	0	5.51	0.27	137.89	244.86	193.38
272.41	655.65	163.52	62.3	20.1	0.37	0	6.12	0.26	137.69	245.6	191.72
264.67	639.07	154.46	62.2	15.08	0.54	0	6.33	0.21	134.14	251.71	198.12
259.56	628.11	158.41	65.89	15	0.43	0	7.22	0.26	139.32	236.07	191.42
259.14	630.26	161.47	68.16	16.39	0.44	0	6.6	0.26	127.41	236.41	196.21
252.43	642.08	166.33	69.88	17.2	0.5	0	7.12	0.3	125.66	292.39	205.31
259.93	628.39	157.67	70.64	18.63	0.53	0	8.03	0.32	131.02	288.55	214.78
247.29	633.15	171.01	71.68	20.73	0.47	0	8.04	0.34	126.17	298.45	207.87
233.79	609.53	163.99	81.16	21.17	0.6	0	9.27	0.36	135.82	274.56	207.61
237.64	547.83	171.9	85.83	20.76	0.7	0	8.86	0.32	133.98	268.59	198.76
245.27	542.77	164.9	81.74	21.63	0.59	0	9.9	0.33	124.99	266.88	199.01
235.43	548.73	150.44	86.09	23.35	0.6	0	9.74	0.4	129.01	284.13	188.66

237.72	547.29	160.32	86.2	24.99	0.52	0	10.83	0.35	131.35	305.27	188.03
233.91	569.43	162.28	92.23	26.8	0.66	0	12.26	0.4	131.95	272.57	197.52
248.48	534.53	144.96	95.42	26.78	0.67	0	13.87	0.43	135.44	261.69	197.72
225.48	508.08	151.26	94.83	27.26	0.74	0	14.24	0.47	134.41	293.4	183.16
238.98	547.9	149.47	101.3	26.79	0.74	0	15.88	0.45	135.01	279.75	180.11
227.67	588.77	148.77	101.67	26.75	0.75	0	17.42	0.47	132.99	292.56	184.61
252.86	568.99	152.22	104.82	26.77	1	0	18.91	0.51	135.61	287.63	188.52
233.22	576.31	172.5	100.41	30.42	1.1	0	18.02	0.53	135.78	294	199.74
225.67	558.93	145.33	101.31	30.35	1.34	0	18.66	0.55	132.29	286.17	208.36
214.99	605.5	150.4	106.32	31.14	1.42	0	19.76	0.59	131.02	280.08	202.85
234.71	588	142.55	119.58	28.18	1.28	0	17.96	0.52	132.58	274.51	203.57
211.74	590.93	154.79	120.89	28.19	1.35	0	19.78	0.6	130.84	289.86	194.29
211.01	612.62	149.26	121.43	29.4	1.25	0	20	0.64	132.09	294.42	195.9
220.1918	581.5616	136.0822	122.4384	35.89041	1.780822	0	12.38356	2.438356	134.7671	251.2877	213.2603
229.6164	571.0411	134.9315	123.6438	36.24658	1.863014	0	10.68493	2.657534	132.411	260.4932	204.0548
225.8356	542.9315	129.6438	124.2466	39.9726	2.164384	0	12.32877	2.958904	132.4658	265.5616	210.8767
217.6712	566.4932	130.8493	124.9041	41.42466	1.808219	0	14.41096	1.945205	130.6301	258.6027	215.7534
178.26	634.32	233.06	11.11	11.46	0.54	0	7.24	0	111.87	182.99	210.07
185.79	627.89	219.88	16	9.54	0.58	0	6.98	0	117.39	166.98	202.86
182.77	626.82	226.56	17.36	9.25	0.55	0	6.87	0	109.8	206.82	207.91
186.57	634.28	220.67	19.77	9.72	0.58	0	7.06	0	109.27	195.67	208
184.27	631.95	207.68	17.39	10.24	0.62	0	6.22	0	114.15	207.12	206.82
181.94	616.36	211.62	19.63	11.58	0.55	0	7.26	0	111.43	202.27	205.54
186.12	628.8	206.48	19.83	10.02	0.67	0	6.89	0	107.92	192.78	201.85
188.65	642.39	201.66	20.34	9.66	0.63	0	8.74	0	115.87	196.91	197.39
192.76	616.28	193.43	20.63	9.77	0.7	0	8.24	0	99.69	184.88	191.72
195.62	610.5	170.48	22.32	11.67	0.63	0	8.7	0	112.88	185.13	199.83
201.18	622.56	173.57	23.16	13.48	0.73	0	8.21	0	112.94	196.19	192.28
204.58	641.49	165.68	23.97	12.21	0.75	0	8.49	0	109.5	202.96	189.47
207.95	620.76	179.29	25.96	7.7	0.66	0	10.51	0	123.91	207.01	190.31
214.08	635.7	175.07	23.46	9.34	0.76	0	8.18	0	126.88	212.51	180.53
216.49	648.47	166.06	24.05	10.33	0.77	0	10.16	0	104.6	233.71	176.46
228.79	661.32	164.76	25.97	9.47	0.83	0	9.85	0	114.23	190.69	176.01
228.25	662.66	138.88	26.95	10.09	0.82	0	9.94	0	113.9	226.04	173.69
234.55	683.19	163.47	28.27	10.56	0.84	0	13.36	0	112.94	219.77	167.15
240.72	691.52	164.25	29.19	10.43	0.95	0	14.36	0	114.3	242.42	168.45
243.04	692.88	164.31	29.4	10.33	1.05	0	14.46	0	125.53	241.97	163.61
257.3	697.51	165.23	29.98	9.98	0.95	0	11.84	0	119.61	255.37	165.04
249.95	710.28	166.15	27.91	9.84	1.02	0	16.89	0	121.34	257.47	158.3
247.42	724.66	167.73	30.69	10.62	1.05	0	15.85	0	114.1	148.68	160.11
250.65	678.71	169.73	32.65	10.14	0.99	0	14.67	0	114.22	182.89	161.47
242	758.07	169.4	31.39	10.6	1.03	0	14.12	0	109.6	181.4	163.85
245.06	749.67	169.41	33.42	11.46	1.09	0	16.44	0	112.12	193.13	164.15
246.81	738.54	169.16	35.94	11.05	1.02	0	15.53	0	112.08	197.98	162.99
260.65	697.43	170.64	34.34	13.14	1.1	0	17.74	0.03	118.93	183.83	165.62
259.35	724.79	171.2	36.55	13.22	1.12	0	18.18	1.54	115.96	186.59	169.38
258.43	730.46	172.01	36.97	15.66	1.18	0	21.33	1.22	119.84	191.12	171.14
264	754.4	175.59	39.12	13.7	1.2	0	19.32	1.06	120.43	188.96	177.13
270.93	776.09	169.01	40.3	16.45	1.12	0	20.2	0.96	119.81	181.93	172.54

259.33	773.78	170.24	41.21	18.78	1.23	0	22.9	1.67	115.95	182.77	167.6
271.48	789.51	147.55	40.48	13.83	1.19	0	18.84	1.16	134.58	191.85	170.04
226.94	775.04	183.61	41.98	13.24	1.65	0	17.58	2.02	131.41	220.06	187.61
237.26	754.78	171.24	42.35	12.31	1.38	0	15.51	1.82	130.63	225.77	199.77
224.23	809.99	164.92	43.81	11.68	1.4	0	15.5	2.34	127.8	223.44	181.43
221.33	780.2	152.14	44.98	10.93	1.54	0	17.23	1.64	126.53	202.85	219.02
217.17	807.14	167.83	45.99	10.72	1.15	0	17.77	1.55	126.62	254.81	215.34
226.13	811.32	170.23	46.73	9.72	1.33	0	18.28	2.56	127.34	225.65	219.52
213.01	834.13	162.71	49.01	9.94	1.31	0	18.26	3.46	124.67	259.55	218.91
213.16	838.86	173.94	47.3	10.79	1.14	0	16.88	2.96	123.02	251.11	219.17
208.55	693.9	154.44	45.94	8.79	1.05	0	19.3	3.09	126.72	250.72	225.91
213.17	632.45	164.07	49.22	8.23	1.25	0	20.81	1.77	130.09	280.48	221.59
211.07	651.04	163.39	50.52	8.5	1.5	0	18.91	2.81	135.97	255.93	243.51
206.62	645.74	142.08	46.64	8.39	1.54	0	18.85	3.43	133.78	260.65	237.37
209.88	658.23	152.64	48.41	9.79	1.41	0	19.91	4.09	128.57	263.36	241.88
198.19	669.81	156.78	46.9	10.72	1.59	0	21.39	4.09	133.59	279.54	234.42
205.32	675.62	157.29	48.38	9.83	1.72	0	21.1	4.73	128.12	278.11	220.38
203.46	679.79	155.7	52.28	9.44	1.5	0	18.07	4.72	132.19	290.3	211.68
199.52	687.45	159.74	52.58	10.09	1.59	0	18.39	5	130.65	300.35	222
189.56	725.83	150.41	52.76	10.9	1.78	0	19.6	4.96	129.7	285.11	223.03
201.39	743.95	159.83	50.98	10.14	2.15	0	22.19	5.63	124.2	284.87	222.2
197.9726	677.3151	159.8356	52.13699	14.41096	1.589041	0	14.21918	5.835616	126.411	283.4247	240.3014
198.9589	657.3973	151.8356	51.67123	14.57534	1.69863	0	15.26027	5.835616	132.137	250.4932	233.0137
195.4521	677.4795	157.0959	49.83562	14.87671	1.726027	0	13.20548	5.835616	136.9315	263.1507	234.274
194.4658	667.2603	155.8082	49.86301	14.79452	1.808219	0	12.84932	5.863014	133.1781	261.589	232.3562
41.69	285.11	71.22	13.2	6.21	0.06	0	8.12	0	37.38	152.36	502.82
37.18	271.05	68.5	9.49	6.58	0.07	0	8.67	0	30.83	163.86	523.24
25.36	275.53	63.46	7.72	2.84	0.02	0	8.95	0	32.83	156.16	504.66
31.64	266.12	63.01	9.77	7.74	0.05	0	7.44	0	34.97	156.85	460.05
30.18	215.59	69.15	14.45	16.78	0.09	0	6.19	0	38.22	210.61	445.22
28.29	240.82	74.68	13.86	15.07	0.07	0	4.7	0	41.35	195.34	461.28
34.16	239.01	85.72	20.59	18.35	0.11	0	3.81	0	40.79	186.76	451.79
38.14	241.86	104.15	15.23	8.9	0.12	0	4.64	0	33.77	252.11	468.91
37.82	247.79	128.75	12.12	9.24	0.11	0	5.09	0	29.92	272.17	483.52
37.58	249.82	156.16	9.72	7.58	0.12	0	5.65	0	34.96	327.34	515.85
41.87	255.68	178.11	8.91	9.47	0.07	0	4.78	0	43.24	375.74	520.9
46.07	266.2	200.08	9.68	8.7	0.11	0	5.35	0	44.88	421.97	528.18
47.02	247.93	222.11	11.5	7.17	0.12	0	3.24	0	42.63	425.71	549.29
48.76	295.32	249.47	12.9	6.47	0.14	0	6.9	0	48.8	461.06	581.47
48.4	306.68	245.47	12.96	5.55	0.18	0	8.56	0	50.48	468.7	637.98
45.2	311.83	234.15	18.86	5	0.23	0	7.82	0	37.04	493.94	643.82
44.03	324.88	223.07	20.01	8.17	0.23	0	9.86	0	39.64	464.02	646.04
55.95	351.65	219.26	24.42	6.86	0.2	0	7.6	0	39.98	446.56	616.37
64.35	388.29	200.44	24.21	5.51	0.24	0	9.1	0	43.36	474.33	583.79
63.84	409.48	197.33	26.82	5.91	0.27	0	8.07	0	44.16	482.84	601.89
61.02	408.34	197.91	29.27	4.94	0.28	0	7.93	0	48.32	466.34	612.62
61.88	425.39	202.34	28.82	5.59	0.38	0	8.37	0	50.45	455.98	609.33
63.80822	356.5753	197.3151	31.56164	3.917808	0.328767	0	6.30137	0	60.9863	427.8904	520.0548
66.32877	358.2192	194.6301	32.54795	2.383562	0.191781	0	7.917808	0	66.9863	448.3562	512.3836

63.64384	373.9726	203.5068	32.46575	3.452055	0.109589	0	7.068493	0	57.89041	439.6438	520.3014
64.10959	371.6164	204.1644	35.91781	5.369863	0.191781	0	8.273973	0	67.36986	437.3425	514.0548
152.44	237.71	65.9	24.66	76.47	0.12	0	1.67	0	95.62	416.1	174.83
145.94	258.85	67.59	23.84	73.77	0.11	0	1.58	0	95.72	382.58	171.52
147.06	241.42	64.46	22.78	70.31	0.11	0	1.62	0	90.86	376.83	169.56
156.29	277.93	75.16	24.96	66.35	0.1	0	1.68	0	96.36	369.69	166.7
153.41	259.11	70.29	30.86	64.95	0.1	0	1.8	0	100.01	361.25	165.49
167.68	275.72	73.77	33.85	65.1	0.09	0	2.23	0	100.5	419.92	157.06
158.45	307.67	72.97	37.17	64.52	0.14	0	2.42	0	101.16	400.69	154.91
167.08	327.53	74.64	52.47	62.89	0.14	0	2.15	0	111.35	406.79	154.36
164.73	307.93	83.23	66.37	62.08	0.17	0	3.09	0	131.54	429.98	146
169.07	349.64	59.22	65.96	61.38	0.36	0	1.88	0	126.76	416.99	138.93
167.69	339.23	84.36	63.5	55.49	0.63	0	0.9	0	118.09	422.61	134.23
164.59	331.57	76.39	64.28	57.69	0.54	0	0.88	0	117.72	412.23	125.39
151.26	339.09	62.77	62.08	53.54	1.06	0	0.38	0	106.61	400.62	125.64
145.52	312.01	58.53	64.94	52.91	1.04	0	0.53	0	96.41	386.27	123.73
144.18	287.33	53.16	62.01	52.39	1.3	0	1.2	0	103.35	390.19	118.08
145.71	280.9	51.37	66.59	53.37	1.58	0	2.6	0	102.44	369.55	111.68
119.7	258.81	35.64	65.07	55.88	3.05	0	1.89	0	113.84	351.9	113.44
136.61	236	35.3	66.32	62.19	1.14	0	1.83	0	125.31	367.22	112.7
164.71	248.53	37.57	62.91	65.83	1.2	0	1.86	0	119.81	370.48	113.31
177.95	283.45	50.63	96.42	72.75	1.31	0	2.45	0	141.1	342.36	115.96
172.21	254.38	63.55	92.14	76.51	2.32	0	2.4	0	130.28	266.84	121.75
191.75	333.63	74.61	94.89	72.96	2.69	0	3.39	0	138.76	370.59	135.57
195.09	328.69	65.27	87.81	69.21	2.56	0	2.85	0	126.02	373.61	146.66
190.76	332.89	65.46	101.88	68.14	2.17	0	3.35	0	135.35	386.52	135.24
194.52	329.98	56.39	94.85	68.9	2.62	0	3.03	0	147.59	374.63	137.06
192.83	332.17	51	102.67	68.33	2.58	0	4.06	0	119.37	410.15	135.08
194.71	346.74	49.59	101.51	65.18	2.47	0	3.92	0	115.44	378.39	145.47
192.4	341.52	38.72	108.42	65.47	2.08	0	4.05	0	132.67	413.51	146.17
190.1	336.28	38.12	89.33	57.3	1.85	0	4.34	0	139.65	409.76	140.8
188.46	316.04	32.84	101.96	63.57	1.58	0	4.29	0	135.1	393.56	137.62
183.66	317.16	34.75	107.53	60.99	1.36	0	3.34	0	123.71	364.83	135.38
182.82	290.72	31.49	74.18	61.69	1.25	0	3.15	0	119.47	360.39	130.73
177.9	289.58	32.2	71.27	63.69	2.46	0	3.34	0	111.6	353.5	108.05
187.4	296.79	35.48	88.02	61.29	1.78	0	3.59	0	109.38	331.06	119.98
161.56	283.62	38.63	91.58	54.45	1.7	0	3.52	0	127.6	318.43	119.13
130.31	285.61	41.48	116.89	55.57	1.16	0	2.41	0	135.91	314.08	122.98
130.1	263.71	52.84	132.52	62.17	1.35	0	3.06	0	122.19	330.23	126.67
129.55	247.16	54.9	142.58	59.87	1.87	0	2.45	0	123.18	337.14	127.61
151.7	248.06	67.57	143.34	59.79	2.15	0	6.28	0	122.89	303.9	128.63
158.74	264.85	76.24	147.95	59.91	3.12	0	6.09	0.21	120.78	356.21	128.58
160.72	269.26	76.11	146.87	60.97	3.32	0	6.21	0.27	121.03	348	126.99
166.44	268.12	87.48	163.89	62.62	2.43	0	4.64	0	106.12	287.39	127.75
157.19	245.39	86.6	143.25	74.41	1.9	0	4.04	0.2	130.16	307.37	111.87
134.26	237.46	89.34	151.53	70.62	1.97	0	2.45	0	131.88	268.7	93.11
137.26	239.21	62.6	145.19	67.66	3.1	0	7.28	0.1	136.95	325.34	93.21
143.41	251.76	77.3	146.18	66.22	3.97	0	6.16	0.24	127.44	332.82	108.34
139.26	258.38	76.89	148.35	64.71	3.57	0	6.35	0.16	124.41	332.97	106.15

144.69	242.48	57.74	149.14	56.06	4.03	0	5.38	0.15	125.34	312.65	106.26
160.48	285.46	36.85	150.45	57.72	5.6	0	5.83	0.24	119.7	291.1	105.93
150.03	262.6	81.17	153.9	57.32	6.44	0	3.12	0.24	119.26	286.64	106.48
141.28	236.42	73.75	153.46	57.84	4.65	0	2.37	0.02	120.04	268.31	103.26
185.54	286.46	22.98	129.83	65.22	8.71	0	7.79	0.19	96.58	339.4	87.59
166.84	294.15	22.74	125.3	65.67	5.74	0	6.83	0.23	106.77	349.76	109.52
98.32877	69.56164	14.82192	118.7123	42.73973	4.356164	0	2.438356	0.356164	186.9863	235.7808	65.0137
95.0411	70	14.57534	108.5479	28.93151	5.123288	0	4.90411	0.164384	187.4795	242.8493	70.16438
79.36986	61.36986	16.87671	120.0822	55.26027	2.657534	0	1.39726	0.027397	191.1507	244.4932	50.32877
75.36986	67.42466	17.9726	118.274	52.84932	2.684932	0	1.534247	0.054795	192.5753	241.1507	47.69863
9.88	34.3	13.64	1	471.05	7.39	0	3.22	0	36.33	46.86	23.61
9.89	33.98	12.87	1.21	468.43	6.13	0	2.78	0	38.57	44.31	19.08
9.89	35.65	14.05	1.38	470.52	5.4	0	2.85	0	38.59	44.45	30.03
9.93	37.51	11.89	1.55	461.92	5.08	0	2.67	0	40.67	44.69	32.27
9.67	37.18	14.62	1.77	454.04	3.37	0	2.13	0	43.8	46.23	25.3
9.48	31.37	17.49	2.03	444.81	3.22	0	1.08	0	51.52	49.84	25.43
9.37	31.61	20.98	2.15	401.65	3.33	0	1.15	0	53.14	51.94	28.1
9.27	31.15	24.33	2.26	438.11	2.82	0	1.18	0	50.04	52.92	20.06
9.29	31.64	26.96	2.38	433.86	3.84	0	1.06	0	51.86	50.3	38.33
9.28	33.74	28.63	2.53	454.35	3.68	0	1.04	0	47.15	50.05	41.67
9.12	32.39	28.44	2.29	412.34	3.61	0	0.9	0	45.04	48.32	41.96
9.04	30.19	23.91	2.08	377.11	3.18	0	0.81	0	37.84	40.09	43.79
8.67	36.12	23.83	1.93	365.77	2.99	0	0.8	0.07	38.04	37.07	88.62
8.76	34.6	21.92	1.89	407.91	2.86	0	0.79	0	38.99	36.11	65.4
8.83	34.09	26.4	1.85	379.35	2.88	0	0.81	0	37.53	39.6	63.04
8.92	39.06	27.21	1.81	423.11	2.56	0	0.84	0	37.72	37.67	48.85
8.92	36.72	20.74	1.51	399.02	2.48	0	0.88	0	35.81	34.91	27.49
9.61	43.8	25.6	2.3	407.03	2.49	0	0.93	0	33.94	36.35	60.08
9.54	38.96	24.71	2.39	425.9	2.51	0	1.02	0	34.85	35.58	55.87
6.35	34.56	24.09	1.76	395.14	2.42	0	0.97	0	34.22	34.78	78.48
6.26	35.58	25.63	1.82	403.79	2.27	0	1	0	34.24	32.48	60.65
6.24	31.27	27.6	1.88	404.6	2.44	0	0.79	0	34.09	34.53	68.53
6.28	33.52	27.82	1.94	402.71	2.18	0	0.68	0	33.74	34.44	74.48
6.26	35.67	27.5	1.75	398.58	2.14	0	0.99	0	33.33	34.4	75.63
6.96	42.72	27.15	1.95	388.34	2.25	0	1.02	0	31.11	33.54	96.17
6.9	41.29	25.05	2.01	421.43	2.31	0	0.88	0	33.96	32.38	57.36
6.96	41.22	23.14	2.07	425.39	2.33	0	0.73	0	33.36	31.4	71.5
6.91	37.77	27.82	2.14	410.13	2.41	0	0.68	0	33.46	32.44	78.36
6.96	39.69	22.65	2.19	403.37	2.43	0	0.61	0	32.71	33.01	81.76
7.06	38.34	21.38	2.28	436.3	2.46	0	0.66	0	31.89	35.29	57.78
7.06	38.81	24.58	2.32	438.19	2.35	0	0.8	0	29.67	34.63	56.64
7.12	38.77	27.12	2.39	427.64	2.4	0	0.69	0	29.57	35.28	60.71
7.28	39.55	26.6	2.52	414.82	2.35	0	0.72	0	30.37	33.38	48.15
7.41	38.63	27.18	2.59	413.82	2.28	0	0.74	0	29.57	33.28	48.28
7.52	38.27	27.21	2.69	419.77	2.35	0	0.64	0	28.99	32.62	52.34
7.79	40.8	27.07	2.36	418.78	2.12	0	0.63	0	28.53	33.79	54.02
8.16	41.55	26.78	2.43	407	2.1	0	0.62	0	32.21	32.88	66.12
7.97	38.02	24.79	2.46	419.19	2.04	0	0.62	0	30	32.73	60.64
8.05	42.35	47.33	2.55	445.82	1.98	0	0.96	0	27.17	38.1	81.49

8.01	40.22	49.54	2.69	449.14	2.35	0	0.91	0	26.49	37.31	66.13
7.94	39.14	54.07	2.79	473.71	2.27	0	0.94	0	30	36.59	52.19
8.12	43.05	49.12	2.9	473.82	2.25	0	1	0	26.09	38.32	61.41
8.22	42.06	54.73	3.01	482.06	2.41	0	1.13	0.02	24.95	43.15	58.4
8.27	46.52	61.97	3.09	477.28	2.96	0	1.01	1.84	29.27	47.12	59.67
8.37	48.87	76.49	3.22	464.14	3.09	0	2.13	2.25	35.88	49.75	55.94
8.48	46.21	84.79	3.39	468.8	3.51	0	1.5	3.32	30.88	55.14	49.95
8.59	48.21	79.39	3.54	482.38	4.09	0	1.7	3.48	30.12	61.48	43.35
8.71	48.72	103.55	3.53	477.46	4.81	0	2.36	2.6	28.14	74.14	43.59
8.84	54.86	79.28	3.63	474.33	5.14	0	2.52	3.36	28.34	75.12	44.85
8.96	58.17	120.96	3.69	473.4	4.7	0	2	2.92	26.74	73.47	46.12
9.1	57.95	125.77	3.78	472.93	5.05	0	2.42	2.43	27.39	74.63	47.36
9.05	59.61	122.6	3.85	472.53	5.57	0	3	1.89	27.6	76.39	46.73
9.05	60.58	127.13	3.84	470.49	5.37	0	1.9	1.66	27.34	77.02	47.86
8.356164	49.80822	126.7945	3.917808	730.411	5.342466	0	2.575342	1.945205	31.39726	86.05479	50.38356
8.273973	49.72603	124.0274	3.972603	727.5342	6.219178	0	2.219178	1.589041	30.63014	97.94521	51.58904
8.30137	49.69863	128	4.054795	731.5068	6.383562	0	2.465753	1.589041	30.16438	95.20548	51.20548
8.630137	49.61644	136.7123	4.109589	735.589	6.054795	0	2.493151	1.726027	29.67123	98.52055	49.47945
96.48	239.08	45.73	6.88	96.2	0.45	0	0.08	0	143.23	44.55	158.15
96.57	243.5	46.76	8.47	97.36	0.36	0	0.18	0	144.03	41.81	159.14
109.08	289.12	47.56	7.96	93.26	0.4	0	0.16	0	145.08	46.09	163.34
116.94	290.91	50.52	10.68	81.56	0.34	0	0.2	0	145.02	47.53	163.07
132.63	297.98	42.44	13.69	89.11	0.45	0	0.35	0	144.4	48.53	160.64
111.25	294.3	42.14	16.08	83.35	0.58	0	0.19	0	145.28	53.77	170.26
120	295.02	50.48	23.47	90.65	0.6	0	1.96	0	144.12	60.47	233.35
127.13	276.26	56.88	25.81	81.06	0.57	0	1.72	0	143.23	67.21	182.32
136.55	349.13	59.21	31.17	76.56	0.57	0	0.66	0	138.59	69.16	181.86
147.07	330.96	53.8	35.89	82.85	0.85	0	0.09	0	143.02	77.04	175.88
164.62	398.68	61.83	45.9	76	0.93	0	0.06	0	161.39	91.88	185.1
168.35	300.37	54.51	51.26	70.18	0.5	0	0.1	0	143.46	92.99	171.95
147.86	420.71	74.18	41.83	69.6	1.08	0	0.38	0	156.97	92.77	200.84
148.26	476.22	44.41	52.66	66.31	1.13	0	0.01	0	163.08	93.35	186.79
145.48	246.09	49.73	57.27	69.46	1.05	0	0.07	0	165.27	90.12	187.16
163.6	290.05	55.02	59.49	73.74	1.38	0	0.1	0	167.93	91.2	185.46
166.26	295.89	63.12	52.92	69.17	1.38	0	0.08	0	168.76	102.71	186.62
163.9	355.94	81.54	63.61	67.75	1.87	0	0.04	0	171.69	121.4	193.32
143.44	252.16	72.03	80.4	60.53	1.89	0	0	0	177.68	135.75	176.72
138.51	319.52	80.87	84.98	72.34	1.82	0	0.07	0	178.73	143.2	188.99
167.05	241.81	71.77	91.18	66.27	1.44	0	0	0	191.26	152.89	190.96
169.11	263.33	81.85	93.17	68.94	1.81	0	0.07	0	177.42	152.01	147.33
160.6	283.72	83.41	87.14	75.72	1.61	0	0.08	0	187.2	165.23	160.15
151.73	321.41	86.7	88.23	68.44	1.73	0	0.09	0	165.82	125.71	174.76
167.17	337	81.57	84.05	68.22	2.11	0	0.2	0	163.3	103.4	180.23
158.32	325.36	90.99	95.27	68.32	1.95	0	2.43	0	163.77	115	195.03
156.67	363.19	98.11	102.15	69.67	1.76	0	1.5	0	155.26	122.35	191.62
140.17	392.89	107.13	107.95	63.69	1.89	0	2.55	0	165.24	125.87	185.59
156.2	391.51	100.8	144.66	66.41	1.27	0	1.71	0	149.74	121.26	180.4
148.9	384.95	100.84	131.91	58.49	1.36	0	2.07	0	142.44	114.96	200.51
140.21	376.25	87.91	120.12	61.42	1.76	0	1.91	0	124.02	126.08	208.01



119.71	275.36	72.87	104	73.65	1.63	0	2.75	0.09	136.55	112	195.96
109.38	290.87	92.62	103.13	68.95	2.42	0	2.92	0.13	125.83	136.64	173.7
117.64	266.3	85.91	103.91	34.07	2.49	0	2.39	0.07	138.11	122.12	214.08
102.1	264	90.18	115.27	32.49	2.73	0	1.99	0.23	136.83	207.26	181.54
97.61	267.6	96.31	122.27	42.02	2.33	0	3.61	0.16	156.82	207.38	170.28
100.42	283.15	107.92	123.69	32.56	2.16	0	2.09	0.16	159.77	179.41	173.1
94.17	281.33	86.89	132.73	38.97	2	0	3.48	0.18	146.1	156.92	179.06
97.91	267.61	101.45	130.35	43.86	2.88	0	3.92	0.29	149.82	202.79	182.71
81.4	260.73	109.61	114.36	39.58	2.48	0	3.52	0.29	148.73	177.31	179.81
71.87	266.85	119.87	121.47	45.32	3.08	0	4.4	0.33	150.73	211.74	183.57
75.47	267.36	116.25	115.18	43.59	3.04	0	4.79	0.3	149.23	205.35	182.6
67.65	273.85	122.81	117.38	44.16	3.4	0	5.07	0.23	149.84	234.1	182.36
70.24	275.05	92.34	113.6	43.76	1.72	0	5.96	0.28	147.85	196.63	185.23
76.43	297.43	134.09	138.55	39.32	4.16	0	5.62	0.33	150.88	222.56	179.25
78.17	258.14	138.01	120.3	36.22	3.13	0	6.23	0.37	150.54	223.53	178.13
95.89	277.04	135.48	124.22	37.8	3.7	0	5.86	0.31	152.81	233.88	185.38
80.36	278.85	134.59	117.63	36.71	3.74	0	5.3	0.33	160.24	207.34	169.02
77.29	283.68	133.2	120.5	40.18	3.32	0	6.27	0.27	159.77	225.84	165.93
80.51	293.41	127.12	119.16	40.87	3.73	0	5.14	0.29	160.63	210.15	165.14
72.42	284.14	125.89	122.58	42.32	3.77	0	5.86	0.27	158.62	213.01	173.51
69.33	322.14	138.66	123.26	42.55	3.7	0	6.59	0.28	159.9	200.1	178.18
75.93	311.32	134.9	116.77	42.89	3.58	0	6.78	0.28	160.09	199.23	180.02
71.64384	101.5342	110.2192	126.6027	49.89041	3.315068	0	5.780822	0.821918	160.8767	177.2603	178.5479
76.93151	98.63014	109.6438	136.9863	49.75342	4.794521	0	6	0.767123	160.0822	171.1781	174.4932
76.79452	75.15068	109.8356	130.3014	49.42466	4.136986	0	5.972603	1.068493	147.0959	174.9863	195.9178
73.06849	79.91781	114.0274	128.1644	51.83562	4.712329	0	6.082192	0.60274	144.9041	186.137	181.8904
188.06	589.5	468.49	32.29	7.47	0	0	1.76	0	101.05	210.25	176.36
176.08	650.11	493.16	35.07	6.95	0.01	0	2.79	0	96.99	218.12	168.38
161.55	677.25	487.68	25.11	4.02	0.01	0	2.2	0	80.38	221.32	166.13
154.76	675.04	498.63	18.79	0.81	0.04	0	2.3	0	105.34	229.9	168.22
160.56	683.4	515.06	17.29	3.81	0.04	0	2.52	0	106.81	243.28	174.53
158.76	632.07	498.62	19.51	3.31	0.06	0	3.41	0	115.21	243.57	182.26
171.2	672.44	474.68	16.28	4.92	0.15	0	4.31	0.01	123.11	242.5	200.58
165.52	619.49	466.61	20.94	5.44	0.17	0	4.3	0.16	102.17	248.77	219.44
150.74	494.14	477.59	25	4.94	0.44	0	4.68	0.61	107.34	259.52	229.52
150.27	569.1	473.03	26.1	6.32	0.14	0	4.88	0.13	110.59	273.68	212.03
146.31	546.72	468.5	26.38	7.14	0.22	0	5.18	0.15	110.53	287.36	201.4
149.66	501.35	473.98	25.42	14.68	0.25	0	6.68	0.04	91.6	297.22	193.2
145.94	450.75	508.76	31.06	8.24	0.27	0	5.77	0.02	96.33	328.62	197.99
150.48	494.56	503.41	36.05	7.29	0.25	0	6.84	0.04	105.29	356.28	185.68
158.98	472	524.92	44.96	8.66	0.25	0	5.01	0.13	96.35	379.08	191.13
165.5	466.47	525.66	49.38	9.47	0.3	0	5.2	0.31	103.73	389.8	182.02
171.67	399.23	529.25	57.3	9.45	0.33	0	5.62	0.24	113.04	404.42	169.68
175.57	412.83	509	60.76	7.85	0.28	0	5.76	0.19	118	412.98	156.28
180.87	452.66	507.32	67.28	8.66	0.3	0	6.09	1.66	102.33	415.63	181.37
189.49	499.16	507.9	69.16	7.97	0.3	0	7.2	2.67	109.8	398.91	180.91
185.44	479.43	518.07	78.73	7.4	0.35	0	8.81	1.23	104.51	409.1	177.07
179.63	376.11	501.81	85.73	8.7	0.42	0	7.81	0.81	107.23	413.07	165.7
160.9589	401.3699	489.6712	78.54795	7.890411	0.356164	0	6.547945	1.616438	217.2603	419.7534	185.4521

162.8767	388.9589	467.5068	76.52055	7.534247	0.30137	0	6.30137	1.643836	213.6164	392.2466	177.726
165.0959	329.2055	467.6438	75.75342	7.753425	0.30137	0	6.191781	1.616438	212.1918	449.8904	176.6849
166.7671	348.7123	488.4658	76.65753	7.945205	0.328767	0	7.452055	1.643836	213.9178	468.137	193.4521
180.9	690.75	346.36	53.69	11.17	1.51	0	15.25	0.03	150.69	327.47	273.51
185.06	720.2	309.26	60.6	9.53	1.3	0	14.4	0.02	149.34	317.18	285.76
168.84	730.32	294.96	69.34	12.78	2.39	0	16.29	0.02	148.3	343.31	285.6
164.73	681.45	289.52	60	11.27	2.36	0	17.02	0.01	149.48	352.66	285.77
161.31	678	254.73	59.72	22.59	2.83	0	16	0.02	146.48	342.31	285.93
160.13	676.34	249.38	68.5	22.4	2.61	0	19.45	0.04	145.77	341.64	283.97
157.9	689.26	261.35	62.39	22.28	2.56	0	21.4	0.02	139.68	336.1	284.28
163.99	681.42	260.13	67.97	21.95	2.54	0	21.1	0.09	138.01	353.91	283.67
157.47	737.62	242.25	35.64	21.72	2.18	0	18.73	0.19	144.19	354.53	290.74
158.96	696.3	247.73	30.4	26.13	1.74	0	16.31	0.25	149	353.32	297.44
164.84	680.72	231.43	32.62	25.31	1.74	0	15.52	0.19	156.34	320.98	306.77
155.17	670.52	248.92	34.67	23.16	1.78	0	16	0.16	138.43	354.27	309.85
175.12	671.88	230.82	34.77	24.29	1.76	0	17.11	0.19	152.54	357.33	311.29
167.14	692.69	255.91	33.42	23.6	2.16	0	19.41	0.21	143.53	374.1	306.59
163.4247	664.9863	270.3836	34.08219	26.21918	1.890411	0	11.20548	0.520548	165.0411	345.9452	346.4932
155.1781	697.7534	248.4384	31.15068	26.24658	1.863014	0	8.383562	0.493151	195.8082	353.8082	330.6027
145.2055	690.3014	220.1918	34.05479	26.30137	1.917808	0	7.616438	0.547945	202.6027	382.9589	343.6986
157.726	682.0548	245.7534	34.65753	27.17808	1.917808	0	7.287671	0.547945	203.2603	379.7808	333.6712
158.99	520.62	365.29	19.75	3.22	0.31	0	2.72	0	76.01	232.45	290.68
165.6	503.57	358.17	22.03	2.85	0.32	0	3.07	0	76.56	235.31	290.69
165.35	518.75	353.41	21.1	2.79	0.32	0	2.86	0	97.95	249.36	289.84
163.06	517.99	349.82	21.37	3.22	0.32	0	3.14	0	90.12	270.59	299.27
170.25	513.29	339.06	20.96	1.8	0.35	0	3.35	0	80.12	223.24	293.47
177.69	545.04	339.64	20.7	2.7	0.36	0	3.6	0	99.72	230.02	282.6
184.98	533.37	334.71	20.55	3.11	0.4	0	3.58	0	102.45	301.56	267.46
189.32	511.33	328.74	23.08	1.65	0.4	0	3.48	0	94.11	260.94	271.2
193.6	537.83	309.7	24.08	2.4	0.4	0	3.87	0	102.37	252.04	295.41
203.62	508.71	318.44	25.46	2.6	0.33	0	3.85	0	101.82	241.33	253.73
207.78	549.02	312.37	25.8	4.86	0.57	0	4.62	0	96.51	279.99	250.61
211.43	509.88	308.07	26.03	2.81	0.49	0	4.75	0	81.51	263	253.68
216.05	509.65	305.53	28.1	5.7	0.57	0	4.73	0	103.59	291	254.43
228.11	507.61	299.69	28.88	4.97	0.71	0	4.95	0	102.93	312.34	248.33
221.32	505.73	292.67	30.3	3.75	0.62	0	4.92	0	99.95	229.92	251.16
220.49	487.3	273.52	30.92	9	0.56	0	5.57	0	109.05	215.29	250.64
221.41	524.78	281.9	32.56	9.69	0.64	0	5.9	0	100.99	286.73	252.98
232.53	508.45	272.52	31.94	8.82	0.71	0	6.28	0	96.54	248.92	251.06
234.34	539.55	274.76	34.34	5.74	0.69	0	7.07	0	95.15	181.88	245.67
232.69	568.1	289.1	36.46	5.22	0.71	0	7.1	0	104.32	206.42	257.22
222.73	573.45	296.99	38.31	11.16	0.8	0	6.79	0	103.16	254.13	259.47
227.69	598.35	287.12	41.87	14.47	0.82	0	7.39	0	109.77	259.29	245.55
230.97	584.54	260.63	40.59	10.91	0.76	0	7.43	0	108.1	223.9	251.59
234.66	603.03	300.12	39.72	15.42	0.84	0	7.92	0	103.33	250.58	245.33
243.96	606.89	284.87	34.92	11.44	0.91	0	8.63	0	109.78	260.57	245.24
233.97	568.76	280.01	44.37	15.93	1.2	0	8.16	0	110.5	264.96	239.51
233.65	567.79	285.47	44.64	13.16	1.1	0	8.06	0	112.33	239.89	245.58
228.85	564.67	277.95	45.18	13.87	1.08	0	7.99	0.07	116.57	256.32	248.05

224.4	573.75	267.11	43.38	12.42	1.32	0	8.75	0.1	117.5	258.03	249.6
220.88	636.89	289.79	44.79	11.8	1.31	0	9.14	0.11	123.4	258.48	249.19
236.29	563.61	298.1	45.75	11.41	1.52	0	9.04	0.16	122	291.73	252.43
233.75	622.37	304.5	47.53	11.33	1.28	0	11.12	0.15	124.74	310.42	258.17
238.38	587.42	304.96	47.87	10.9	1.47	0	11.49	0.03	123.44	326.82	256.73
207.74	590.67	296.24	54.16	10.33	1.42	0	13.57	0.04	126.33	302.97	255.47
199.15	588.14	293.03	59.79	10.21	1.48	0	11.96	0.05	126.45	341.91	254.6
195.47	599.21	289.81	58.49	10.31	1.68	0	12.12	0.08	133.51	348.01	261.66
180.74	667.82	287.73	51.46	17.9	1.43	0	12.85	0.05	133.86	370.48	261.67
181.49	682.5	280.4	50.79	10.27	1.02	0	12.82	0.05	143.04	369.59	271.41
200.65	656.83	307	52.53	10.68	0.91	0	11.67	0.03	142.03	405.46	271.42
61.6	359.56	17.13	7.3	44.12	0	0	0	10.09	72.19	78.01	191.68
71.46	403.29	19.86	7.96	47.67	0	0	3.64	0	73.87	81.56	206.17
57.52	326.8	20.6	10.85	51.81	0.21	0	1.67	0	78.82	86.82	202.27
56.03	319.57	18.7	22.4	56.16	0.62	0	1.54	0	84.53	85.67	196.94
56.87	275.47	15.09	25.72	61.81	0.33	0	0.57	0	86.85	87.2	202.68
53.03	292.73	13.12	25.71	64.96	0.53	0	0.68	0	91.02	89.22	218.67
53.31	300.56	18.38	29.07	65.04	0.53	0	0.1	0	95.32	79.37	210.76
57.06	305.33	19.63	32.38	73.84	0.66	0	0.14	0	100.5	79.99	208
51.51	256.91	17.24	31.77	74.74	0.67	0	0.18	0	102.53	60.73	201.03
56.85	331	15.63	37.5	74.39	1.12	0	0.18	0	103.58	59.22	192.19
60.7	337.95	17.71	35.51	73.93	0.61	0	0.07	0	102.26	61.76	197.04
58.94	341.17	19.5	36.26	75.95	0.86	0	0.11	0	102.71	68.51	191.45
57.06	315.3	18.12	26.76	75.74	0.55	0	0.08	0	102.91	83.25	179.25
65.2	361.52	17.11	23.76	75.87	1.31	0	0.02	0	103.41	81.23	180.15
72.43	396.86	18.37	24.9	76.25	1.02	0	0.56	0	102.94	95.32	166.01
67.33	401.7	16.78	27.6	75.02	1.31	0	0.1	0	103.94	98.72	164.73
66.57	415.35	19.24	33.06	75.58	0.66	0	0	0	102.53	107.14	160.5
69.28	416.8	22.21	33.86	79.79	1.01	0	0	0	105.04	112	166.07
74.19	405.16	31.77	36.9	80.55	1.07	0	0.02	0	107.12	121.77	160.66
70.55	443.06	31.16	39.67	84.75	0.53	0	0.02	0	107.05	115.91	155.02
68.54	448.83	27.27	47.04	83.85	0.79	0	0.02	0	106.87	103.81	147.15
65.67	411.11	28.3	51.22	78.09	0.41	0	0	0	104.11	112.21	150.03
72.94	431.35	31.1	49.35	77.21	0.83	0	0.02	0	103.76	108.3	136.41
72.08	423.79	29.95	48.89	61.93	0.86	0	0.02	0	104.98	100.81	137.05
70.87	426.22	31.15	47.87	59.37	0.75	0	0.03	0	103.74	99.18	129.04
65.53	421.58	30.91	47.17	47.67	0.84	0	0.03	0	103.25	104.44	113.9
67.05	396.47	34.66	57.8	52.35	0.95	0	0.05	0	103.8	106.64	163.65
65.44	358.66	32.57	68.72	58.48	1.07	0	0.03	0	105.25	112.04	171.71
51.53	272.68	32.28	48.3	39.99	0.43	0	0.03	1.17	107.86	130.29	177.83
69.47	282.89	34.86	52.94	62.06	0.47	0	0	2.03	110.03	78	175
47.47	256.66	17.61	55.47	76.65	0.53	0	0.33	2.5	110.52	113.86	192.42
61.14	240.96	35.19	56	74.63	0.57	0	0.18	2.22	114.02	172.43	189.52
55.18	242.07	33.72	57.33	73.14	0.48	0	0.32	2.81	117.22	178.49	184.77
61.75	257.95	33.78	48.01	69.23	0.44	0	0.45	2.55	125.01	104.92	183.14
65.08	239.78	32.37	54.45	71.43	0.28	0	0.92	2.29	125.87	110.3	177.22
56.5	207.49	38.64	56.63	80.65	0.44	0	0.35	2.58	121.25	115.27	175.36
58.38	196.23	40.69	68.16	83.56	0.51	0	0.6	5.56	121.4	118.03	174.13
48.63	193.32	42.08	71.56	82.95	0.48	0	0.94	5.13	121.23	158.04	183.17

40.7	200.32	43.95	71.36	83.07	0.51	0	4.45	5.21	122.56	150.07	178.25
47.72	213.19	41.71	71.99	83.84	0.22	0	9.84	6.04	122.15	176.74	175.82
48.31	261.71	38.34	83.54	85.05	0.28	0	12.93	6.72	118.43	171.46	186.75
52	249.54	43.1	93.16	78.39	0.04	0	15.15	8.22	120.85	171.42	185.7
56.05	237.95	61.74	85.02	79.51	0.81	0	15.74	7.94	126.17	191.5	177.99
58.73	246.81	31.54	84.74	88.97	0.3	0	15.82	7.14	120.5	135.31	185.57
54.5	253.78	30.39	81.29	81.02	0.54	0	13.08	7.23	118.21	118.78	200.78
51.92	250.42	38	76.59	81.99	0.55	0	16.76	7.4	116.87	132.8	166.68
54.53	242.1	28.48	73.39	90.87	0.4	0	15.46	6.66	119.97	114.73	163.23
57.36	187.78	31.85	68.8	87.19	0.39	0	13.54	3.51	115.5	131.94	166.67
51.38	200.85	36.41	71.31	89.64	0.9	0	10.73	5.31	118.65	131.68	173.71
60.02	201.06	37.63	72.49	88.55	0.54	0	12.51	5.01	123.06	149.24	176.09
60.82	202.18	35.87	71.64	83.57	0.64	0	15.68	3.57	121.25	137.77	168.03
68.89	247.59	40.33	74.08	69.03	0.59	0	13.79	5.02	121	138.15	133.63
62.78	221.1	39.01	77.57	77.87	0.61	0	14.64	5.15	116.1	136.68	148.11
49.39726	102.7123	31.36986	70.73973	110.137	0.520548	0	4.273973	5.232877	130.8767	124.8219	156.7123
46.27397	129.4521	27.89041	70.71233	110.1644	0.520548	0	2.328767	5.260274	129.589	127.589	160.6849
44.43836	129.6438	29.50685	70.73973	110.6575	0.493151	0	1.369863	5.616438	128.8219	159.2877	169.1233
44.0274	117.1781	29.15068	70.38356	110.6849	0.520548	0	1.150685	5.616438	128.4384	161.1507	149.6164
19.23	9.47	0.44	4.45	3.24	0.09	0	0.95	0	6.52	108.7	5.38
19.32	9.88	0.44	4.38	5.42	0.09	0	0.96	0	8.69	113.84	5.88
20.99	10.07	0.44	4.32	4.76	0.1	0	0.96	0	9.38	120.87	5.24
21.67	10.55	0.46	4.33	5.87	0.11	0	0.97	0	5.68	111.25	4.4
22.78	11.46	0.37	4.34	7.55	0.11	0	0.97	0	6.14	110.77	6.87
22.79	12.33	0.35	4.34	7.36	0.1	0	0.96	0	6.96	106.34	9.74
23.5	12.43	0.35	4.41	7.25	0.1	0	1.24	0	8.85	117.97	8.49
23.16	12.92	0.44	4.56	4.52	0.1	0	1.49	0	10.15	116.15	7.97
23.68	12.88	0.35	4.7	8.11	0.1	0	1.85	0	10.09	119.2	13.64
23.2	13.05	0.22	5.05	5.98	0.1	0	1.88	0	9.52	119.73	9.76
22.73	13.16	0.27	5.49	8.54	0.09	0	2.62	0	8.91	111.73	15.27
22.99	12.88	0.26	5.77	12.55	0.09	0	1.68	0	8.15	105.73	23.86
22.4	13.36	0.18	6.23	11.4	0.14	0	0.56	0	7.98	127.29	5.7
22.92	15.23	0.19	6.62	5.68	0.18	0	0.96	0	6.73	118.53	3.78
23.72	14.28	0.13	7.11	8.21	0.16	0	0.71	0	2.16	116.55	5.94
23.83	16.04	0.07	7.59	13.17	0.13	0	1.26	0	2.54	123.32	16.61
23.19	14.48	0.1	8.01	16.32	0.12	0	1.31	0	1.15	118.73	29.01
23.58	16.38	0.03	8.39	5.03	0.17	0	1.73	0	1.82	121.81	11.47
23.38	14.88	0.11	9.18	8.36	0.14	0	1.51	0	3.8	138.3	17.21
24.13	19.28	0.13	9.58	14.45	0.12	0	1.31	0	0.79	127.11	37.59
24.34	18.51	0.14	10.25	16.52	0.11	0	2.59	0	1.88	147.63	39.09
24.68	22.29	0.13	12.17	25.05	0.13	0	4.55	0	1.17	136.01	34.1
25.01	22.99	0.06	18.08	29.22	0.11	0	3.05	0	1.71	143.94	32.09
25.62	21.72	0.1	14.91	33.03	0.1	0	3.25	0	4.45	145.12	23.17
25.81	16.56	0.19	15.91	21.77	0.1	0	2.98	0	6.06	149.29	16.95
23.02	18.46	0.2	12.27	25.4	0.09	0	3.09	0	6.76	160.65	22.03
23.03	23.31	0.31	11.55	24.64	0.09	0	1.82	0	6.5	150.39	29.84
21.2	18.17	0.24	9.68	26.79	0.09	0	3.2	0	7.67	166.77	31.47
20.36	15.27	0.02	7.54	34.05	0.08	0	2.43	0	7.88	160.6	24.36
21.05	18.48	0.01	9.86	43.74	0.1	0	3.73	0	8.23	169.2	25.68

20.99	14.59	0.01	7.63	51.73	0.1	0	4.1	0	12.83	163.13	34.13
22.98	16.15	0.05	10.32	38.3	0.08	0	4.52	0	12.03	174.79	38.39
23.15	18.2	0.1	14.22	50.21	0.09	0	3.29	0	15.17	165.56	22.47
21.99	16.25	0.18	12.22	47.75	0.11	0	3.69	0	22.94	180.09	29.83
19.47	17.65	0.17	12.8	57	0.13	0	7.2	0	21.76	173.64	32.44
18.95	19.94	0.26	11.69	57.38	0.12	0	7.93	0	14.48	181.41	22.17
18.24	22.31	0.38	13.78	39.94	0.14	0	7.13	0	12.99	183.14	18.94
18.22	42.22	0.09	13.42	37.04	0.16	0	9.11	0	12.99	185.95	25.16
16.78	24.63	0.09	21.89	28.16	0.16	0	5.34	0	16.14	204.61	23.74
16.66	24.49	0.19	26.82	25.91	0.16	0	5.25	0	12.76	199.06	19.29
17.06	27.93	0.43	21.68	38.95	0.18	0	5.9	0	11.23	183.88	19.06
20.62	30.67	0.51	30.22	47.98	0.17	0	7.17	0	13.52	190.5	22.61
22.4	25.01	0.79	29.55	58.47	0.2	0	6.76	0	14.85	187.5	19.19
16.7	27.87	0.55	24.72	97.23	0.2	0	3.88	0	9.82	175.35	13.03
16.67	24.94	0.58	21.58	115.57	0.17	0	4.93	0	8.9	184.77	9.41
16.87	24.01	0.19	21.09	134.08	0.41	0	2.28	0	9.07	178.18	14.92
15.4	26.29	0.24	22.53	133.51	0.06	0	9.45	0	8.24	161.25	12.77
15.72	27.98	0.36	34.39	145.75	0.07	0	13.06	0	14.54	171.49	20.34
18.25	40.58	0.39	28.59	151.9	0.05	0	20.85	0	13.62	146.52	18.73
17.2	23.91	0.62	23.71	143.67	0.09	0	16.25	0	14.63	145.25	19.6
18.23	23.57	0.53	48.49	155.35	0.11	0	15.07	0	14.56	132.33	23.66
18.53	23.05	0.72	54.86	151.36	0.07	0	23.94	0	17.16	187.84	36.18
17.6	23.17	0.28	53.82	146.42	0.07	0	20	0	21.37	198.96	35.79
19.0137	39.50685	0.383562	55.45205	212.1644	0.082192	0	21.67123	0	23.45205	206.9041	39.78082
18.52055	39.61644	0.410959	49.89041	208.4384	0.109589	0	21.89041	0	23.86301	204.7397	35.9726
18.49315	38.13699	0.410959	42.38356	206.6575	0.109589	0	20	0	23.39726	215.9452	24.60274
19.28767	37.17808	0.520548	39.45205	204.9589	0.109589	0	18.10959	0	26.10959	204.9041	42.27397
193.91	511.42	135.5	45.56	11.14	0	0	7.74	0	121.62	234.9	164.53
199.46	586.59	119.3	43.78	10.96	0	0	7.74	0	124.21	243.19	170.16
194.43	587.49	121.6	46.46	11.77	0	0	7.64	0	103.45	240.5	151.24
198.14	550.49	126.37	40.35	10.05	0	0	7.53	0	127.52	238.49	162.12
201.41	533.3	115.57	46.52	10.06	0	0	6.99	0	120.45	246.89	156.09
219.67	483.01	107.56	52.88	8.99	0	0	6.47	0	117.37	252.03	147.03
202.06	496.32	104.05	56.22	10.19	0	0	9.04	0	122.5	251.88	158.45
219.84	503.37	102.87	50.71	9.88	0	0	7.14	0	126.61	233.53	154.3
216.02	508.54	112.7	55.33	9.29	0	0	7.63	0	119.4	203.55	152.73
187.63	553.19	113.44	57.59	9.91	0	0	7.9	0	120.14	285.56	156.75
182.06	575.99	117.97	59.17	9.22	0	0	6.48	0	127.93	229.47	157.95
181.62	525.19	118.58	63.17	9.46	0	0	8.99	0	162	247.51	147.49
191.13	550.27	118.33	63.38	8.32	0	0	8.22	0	123.2	285.49	160.56
221.62	506.77	78.94	55.5	11.16	0	0	9.28	0	129.31	301.69	138.92
230.29	498.57	79.55	54.34	12.28	0	0	9.79	0	94.12	273.34	153.98
227.18	541.71	91.86	61.32	11.16	0	0	10.06	0	105.28	322.16	133.96
220.56	448.95	82.94	64.71	11.86	0	0	8.67	0	95.84	317.38	141.72
222.74	420.84	79.6	67.85	11.76	0	0	11.41	0	99.87	324.55	146.41
239.22	505.66	82.73	68.49	11.01	0	0	10.08	0	95.84	352.27	140.73
251.15	495.58	79.79	72.36	10.86	0	0	12.62	0	102.1	354.91	143.65
230.51	519.48	73.39	73.39	9.59	0	0	10.03	0	118.11	347.58	166.78
221.92	498.67	71.09	71.14	11.92	0	0	12.3	0	107.56	332.26	173.4

228.07	483.14	69.26	74.12	10	0	0	11.63	0	106.41	340.09	185.44
219.47	451.31	75.27	81.71	10.48	0	0	13.31	0	106.67	364.88	207.76
193.63	429.51	72.27	85.83	10.34	0	0	12.52	0	113.51	350.43	201.5
182.11	448.93	67.03	87.67	12.38	0	0	12.66	0	106.52	358.34	212.22
194.84	447.28	76.57	83.07	11.05	0	0	13.33	0	105.78	381.47	201.1
200.45	515.39	75.78	89.95	15.32	0	0	12.26	0	93.84	376.38	174.41
188.53	418.9	83.4	105.97	13.75	0	0	11.61	0	98.69	422.75	181.98
186.21	349.4	76.44	123.47	10.68	0	0	10.64	0	103.47	424.12	150.13
159.09	360.06	76.62	126.89	14.84	0	0	12.56	0	100.12	412.71	161.53
156.74	399.9	76.21	102.88	12.42	0	0	12.42	0	95.79	422.59	158.44
143.06	468.84	71.86	100.79	13.97	0	0	10.78	0	97.03	427.64	151.95
142.47	449.53	85.43	99.08	11.77	0	0	9.88	0	138.9	504.38	150.52
149.82	324.11	69.98	121.63	10.11	0	0	8.98	0	150.4	532.75	159.57
162.43	286.45	74.59	101.68	10.25	0	0	8.84	0	152.31	457.9	165.59
172.5	334.67	45.21	110.52	10.96	0	0	8.84	0	134.32	450.33	141.34
179.87	303.69	43.57	101.68	11.4	0	0	8.84	0	144.84	415.5	142.2
151.33	287.6	48.23	108.76	11.74	0	0	8.7	0	145.01	298.11	163.68
147.71	338.9	60.1	126.16	10.78	0	0	8.7	0	136.01	324.62	151.6
150.08	313.38	62.1	108.76	9.92	0	0	8.7	0	130.14	305.53	145.08
156.3	281.98	82.06	107.68	8.74	0	0	8.7	0	129.35	322.15	134.33
153.62	283.64	45.33	98.46	8.65	0	0	8.56	0	127.02	357.82	132.82
138.08	312.87	39.3	76.67	8.86	0	0	4.28	0	130.45	336.15	150.24
144.75	329.02	42.17	76.84	8.73	0	0	4.28	0	124.89	326.02	160.83
153.83	281.2	37.41	105.44	8.73	0	0	4.28	0	129.4	351.07	156.07
167.02	269.41	45.18	103.53	8.94	0.08	0	0.42	0	123.39	299.72	166.94
154.3	272.45	43.67	148.8	7.08	0.08	0	4.21	0	127.16	294	160.74
151.45	311.33	43.96	131.12	15.51	0.08	0	4.21	0	129.15	303.4	159.7
154.55	265.72	41.05	108.69	11.3	0.72	0	4.21	0	127.93	334.38	177.23
214.39	264.57	44.64	110.35	19.18	1.31	0	4.21	0	130.26	306.99	167.41
206.35	244.88	46.36	101.07	12.27	1.77	0	4.21	0	123.7	335.12	150.08
177.9	270.06	43.92	89.38	14.74	3.66	0	13.18	0.6	120.21	474.89	150.35
75.3	53.14	255.53	5.58	19.81	0.1	0	0	0	53.34	180.43	142.15
77.81	48.39	258.75	5.51	24.02	0.11	0	0.01	0	55.33	182.4	142.33
76.83	75.11	260.6	5.72	20.43	0.16	0	0.03	0	55.11	188.16	152.99
74.86	56.05	266.05	5.6	21.83	0.09	0	0.71	0	56.47	185.75	133.92
75.05	58.99	264.38	5.62	23.43	0.07	0	1.05	0	61.48	204.63	153.3
74.89	59.66	246.72	7.42	24.37	0.1	0	0.76	0	64.08	217.71	139.18
74.93	72.03	229.76	8.04	24.53	0.1	0	0.92	0	67.14	221.95	154.38
76.3	63.24	282.62	8.53	31.07	0.11	0	0.57	0	68.76	222.01	141.81
77.1	72.24	289.64	9.13	27.94	0.17	0	0.65	0	71.71	179.96	123.3
80.37	79.54	296.01	10.08	30.64	0.19	0	2.16	0	76.08	192.4	143.85
76.72	73.02	311.43	11.55	34.26	0.21	0	3.41	0	80.63	188.22	149.78
82.91	78.38	295.81	12.01	31.23	0.32	0	3.06	0	78.87	199.5	139
84.27	68.53	299.52	12.38	33.18	0.32	0	2.16	0	70.12	196.81	109.92
86.16	78.35	300.63	12.09	31.35	0.33	0	3.04	0	68.33	197.08	157.29
86.79	77.15	328.92	16.12	38.17	0.34	0	4.19	0	69.43	193.52	157.41
89.76	74.15	314.64	16.58	36.53	0.34	0	5.41	0	78.17	207.79	160.11
91.99	91.08	232.26	18.27	35.91	0.37	0	4.41	0	87.66	197.29	144.3
92.4	110.61	242.92	16.67	34.01	0.33	0	3.68	0	91.56	174.63	171.43

95.81	101.79	230.03	15.71	29.45	0.36	0	2.43	0	101.53	159.46	180.05
110.7	120.31	246.34	15.32	30.19	0.35	0	2.94	0	85.8	176.63	149.73
105.78	112.79	269.97	14.46	29.12	0.37	0	4.13	0	81.82	160.96	158.69
104.98	81.97	239.61	11.61	30.07	0.04	0	3.83	0	88.44	180.27	145.36
109.46	80.32	110.84	10.81	33.07	0.03	0	3.62	0	80.09	91.68	176.06
100.36	76.5	208.07	10.35	50.08	0.12	0	2.42	0	79.18	149.5	158.05
103.98	83.01	214.99	9.49	47.6	0.05	0	13.79	0	71.2	156.63	186.17
95.87	84.08	223.5	9.12	47.05	0.11	0	16.02	0	74.26	167.15	136.77
99.81	105.27	232.5	8.94	46	0.12	0	16.05	0	74.43	170.08	135.33
103.8	72.23	239.38	12.96	45.05	0.15	0	16.22	0	76	172.16	113.63
100.69	94.29	168.66	14.56	59.08	0.19	0	16.2	0	75.79	168.71	136.82
101.64	67.02	162.2	17.35	49	0.11	0	11.62	0	81.06	158.9	121.85
99.28	77.2	177.18	20.51	53.82	0.21	0	10.36	0	73.23	174.82	131.11
95.07	71.85	152.05	20.86	53.77	0.17	0	14.09	0	76.32	153.81	175.73
91.05	86.57	121.2	26.93	50.88	0.15	0	11.37	0	77.49	159.5	183.59
92.39	78.14	142.78	32.3	56.24	0.1	0	10.47	0	76.74	159.91	147.77
92.91	101.33	118.35	33.98	57.66	0.03	0	12.55	0	76.35	165.99	158.17
94.67	111	124.31	36.25	64.31	0.06	0	17.63	0	75.57	169.75	102.55
95.24	103.45	121.57	39.13	63.69	0.12	0	17.14	0.01	74.94	172.37	104.89
97.02	104.26	107.81	44.77	58.64	0.24	0	13.25	0	73.81	160.05	106.02
96.5	105.69	140.86	45.54	55.58	0.29	0	14.74	0	73.78	165.72	143.61
97.77	99.56	134.25	43.72	59.36	0.36	0	14.59	0	76.01	166.52	148.73
102.91	77.7	129.98	40.9	62.19	0.38	0	16.42	0	77	161.74	153.61
103.41	108.53	135.53	42.24	60.1	0.45	0	18.6	0.01	75.87	160.38	154.29
104.42	106.89	137.64	41.35	64.83	0.49	0	20.28	0	74.89	142.18	154.65
104.78	99.18	136.76	44.33	71.02	0.44	0	23.15	0	74.59	139.09	135.33
104.84	110.63	138.2	54.21	75.02	0.48	0	23.38	0.01	74.34	140.58	132.85
112.27	76.94	133.24	72.41	80.15	0.46	0	20.02	0.01	71.29	106.55	131.95
126.22	76.59	130.28	80.53	67.45	0.44	0	15.95	0.01	70.39	108.46	142.5
126.74	81.73	131.11	84.61	66.53	0.52	0	20.35	0.01	71.2	106.22	144.01
100.18	99.42	164.45	88.84	69.25	0.45	0	18.54	0.02	69.8	102.44	145.48
95.84	109.62	172.77	103.27	71.69	0.4	0	18.88	0.02	70.6	99.05	146.48
96.95	124.32	180.04	99.85	71.58	0.17	0	19.07	0.02	73.06	100.76	139.75
99.04	130.57	165.6	94.32	73.92	1.1	0	20.23	0.03	72.78	99	138.03
97.9	126.39	177.16	94.01	73.95	1.05	0	24.73	0.04	75.19	95.85	136.96
96	125.3973	179.5342	90.93151	112.7397	1.013699	0	22.24658	0.027397	81.72603	108.0548	141.9452
100.2466	139.6164	180.7945	96.46575	112.0822	0.986301	0	25.17808	0.027397	80.24658	111.4795	142.2466
103.4795	121.4247	182.0274	97.56164	112.3836	1.09589	0	23.86301	0.027397	81.06849	107.9452	142.274
100.0274	131.2055	182.9589	98.63014	112.7123	1.068493	0	23.45205	0.027397	78.49315	108.2192	143.4521
33.7	289.89	151.52	9.68	0.95	0.27	0	1.93	0.01	27.68	374.82	224.44
34.68	309.77	167.31	9.59	1.16	0.21	0	2.86	0.03	25.59	395.56	252.32
37.82	292.38	142.76	14.39	4.38	0.34	0	3.08	0.01	28.99	413.68	339.27
39.35	304.16	215.65	18.84	0.8	0.36	0	2.98	0.02	28.94	461.64	340.28
48.58	277.26	201.77	29.92	0.97	0.46	0	3.26	0	33.08	457.06	333.57
43.98	373.19	194.79	25.53	2.46	0.26	0	3.16	0.05	42.17	524.34	336.68
44.65	426.53	236.04	19.57	2.86	0.14	0	3.36	0.01	39.53	541.91	328.96
38.18	424.73	204.82	14.96	1.65	0.35	0	2.81	0.06	38.98	516.95	306.07
38.56	427.91	190.87	11.06	1.83	0.66	0	4.52	0.01	37	365.88	274.64
44.32	434.46	251.78	11.24	2.07	0.75	0	2.93	0.05	45.7	396.1	248.04

46.12	430.12	210.17	17.87	2.91	0.28	0	2.61	2.87	45.95	443.6	248.97
42.29	432.03	219.23	16.4	3.76	0.28	0	5.15	0.44	41.04	494.34	207.29
40.71	460.3	249.39	19.18	4.86	0.33	0	5.06	2.6	44.3	553.94	238.9
48.99	493.37	242.97	17.28	5.17	0.32	0	5.79	0.82	46.37	559.02	226.21
47.08	492.76	214.99	15.43	4.99	0.32	0	5.3	2	52.41	556.29	237.59
46.34	529.17	206.99	20.44	5.18	0.46	0	5.45	1.92	57.05	535.33	250.7
48.76	505.57	208.75	28.6	4.67	0.27	0	4.99	4.25	59.27	563.13	250.71
53.71	506.17	207.85	31.17	4.62	0.38	0	6.11	2.24	52.43	553.88	248.28
55.74	494.59	209.23	32.71	5.03	0.45	0	5.99	3.16	53.77	539.82	249.91
59.36	486.45	214.75	39.01	5.21	0.33	0	5.41	2.34	55.38	535.14	244.75
58.66	477.93	166.85	44.57	5.45	0.63	0	4.44	2.05	57.67	539.67	242.95
58.54	480.48	208.55	36.09	5.15	0.77	0	4.28	4.06	55.26	567.87	256.32
57.56164	520.7123	211.7534	43.45205	8.465753	0.60274	0	3.123288	7.178082	102.7945	579.6164	239.6164
57.39726	550.7123	214.5753	44.24658	8.520548	0.493151	0	3.972603	7.150685	103.8356	624.137	237.8356
58.38356	563.6712	217.3699	45.0411	8.630137	0.575342	0	4.109589	13.86301	99.34247	687.2877	227.726
58.87671	541.8904	220.0548	45.75342	8.684932	0.493151	0	4.465753	1.780822	89.09589	653.3425	231.0959
89.09	228.17	2.91	0.87	0	0	0	0	0	47.13	352.19	20.33
97.14	229.32	2.84	0.98	0	0	0	0	0	46.02	337.49	22.87
108.07	230.19	2.77	1.07	0	0	0	0	0	46.46	353.28	25.24
106.91	230.66	2.69	1.16	0	0	0	0	0	45.7	342.55	35.99
108.49	236.74	2.62	1.24	0	0	0	0	0	45.58	354.84	40.55
99.42	241.51	2.76	1.32	0	0	0	0	0	44.8	369.84	23.43
95.95	240.81	2.68	1.39	0	0	0	0	0	43.99	354.56	3.29
95.23	234	2.8	1.43	0	0	0	0	0	43.55	337.21	32.25
103.02	229.64	3.1	1.13	0	0	0	0	0	44.58	346.25	34.61
125.02	230.65	3	1.36	0	0	0	0	0	44.88	354.6	34.83
126.24	228.27	2.91	0.73	0	0	0	0	0	45.52	348.58	34.13
135.28	222.72	2.99	1.46	0	0	0	0	0	44.85	370.09	33.02
98.76	211.63	3.06	1.36	0	0	0	0	0	43.72	352.39	44.98
68.46	219.17	2.56	2	1.45	0.54	0	0	0	45.95	285.24	52.94
60.46	223.11	1.6	2.36	1.89	0.51	0	0	0	45.79	287.3	55.51
60.07	224.39	4.62	2.6	2.95	0.63	0	0	0	47.46	285.11	57.62
56.32	235.92	4.81	3.02	3.02	0.65	0	0	0	37.27	283.52	62.54
49.24	241.23	5.28	3.32	2.91	0.44	0	0	0	45.46	249	64.04
50.22	348.86	5.74	3.59	2.72	0.71	0	0	0	48.09	253.66	64.67
46.7	295.8	5.07	4.09	4.1	1.37	0	0	0	54.82	243.37	72.86
52.11	252.36	5.35	4.5	4.04	1.58	0	0	0	60.07	236.84	75.97
50.29	264.27	7.2	3.69	5.19	1.35	0	0	0	63.06	225.83	66.01
41.18	257.67	8.48	3.37	5.65	0.74	0	0	0	62.76	229.54	62.29
85.89	364.84	9.67	3.56	7.88	0.81	0	0	0	62.07	248.04	75.23
66.22	308.38	10.85	4.99	9.16	1.1	0	0	0	60.71	280.44	67.73
48.8	277.58	8.4	5.3	11.1	0.91	0	0	0	62.35	275.73	57.93
59.79	246.43	17.81	4.56	12.3	1	0	0	0	66.05	267.43	58.7
62.41	264.79	13.22	6.68	13.28	1.06	0	0	0	67.5	263.18	100.42
62.01	291	21.51	7.79	14.11	0.81	0	0.6	0.03	65.39	292.28	100.16
81.59	316.56	21.12	12.62	12.29	1.86	0	0.64	0.07	65.07	283.84	69.89
81.27	352.01	30.59	14.69	11.77	1.72	0	0.65	0.43	75.23	268.34	73.75
88.74	367.3	44.27	13.61	17.71	2.41	0	0.64	0.97	79.64	258.96	97.44
80.14	266.9	28.16	13.88	20.06	1.62	0	0.88	0.6	68.57	266.9	132.18



63.11	287.05	31.95	12.13	16.87	1.87	0	1.35	2.01	66.39	274.33	132.03
85.19	311.01	24.84	14.78	13.21	2.31	0	1.21	1.92	63.36	262.89	96.44
83.76	315.78	27.94	12.92	19.24	2	0	1.1	1.88	60.94	282.21	83.6
67.87	308.72	35.88	15.11	19.17	2.24	0	1.43	2	65.99	270.82	94.03
58.94	312.76	31.52	12.49	18.39	2.71	0	0.53	0.99	66.05	270.14	84.72
50.89	343.57	37.41	12.53	19.92	2.66	0	0.44	2.42	66.38	255.09	95.03
57.25	369.01	35.1	14.68	15.79	2.66	0	1.06	1.46	65.4	307.69	88.1
50.29	392.69	34.68	15.16	28.62	2.87	0	1.88	2.72	67.06	289.29	84.7
56.55	339.45	43.16	14.18	20.58	4.22	0	3.19	3.13	67.61	310.66	89.99
52.34	247.5	37.2	9.25	28.18	2.82	0	3.08	3.21	81.01	272.64	85.28
70.06	268.17	39.19	9.94	30.3	2.4	0	2.98	0.02	77.63	260.36	82.93
77.49	263.17	37.66	7.7	31.93	2.23	0	0.12	0.02	79.27	257.34	86.41
69.31	258.61	38.66	9.1	35.04	1.88	0	0.11	0.02	81.39	259.96	95.24
66.26	252.8	37.14	9.93	39.31	4.43	0	2.3	1.54	84.93	284.7	84.89
71.57	242.58	37.78	13.37	36.43	6.37	0	2.71	3.45	79.12	262.57	94.82
75.85	268.96	14.82	12.52	26.56	6.71	0	1.69	10.42	83.22	246.51	96.02
78.09	234.55	25.32	15.97	30.19	6.7	0	2.16	5.58	93.39	284.29	98.06
78.05	276.27	25.78	12.41	29.92	6.29	0	1.49	4.39	81.88	271.16	98.34
78.38	309.94	35.11	12.59	28.92	5.88	0	1.68	4.84	80.43	276.42	102.4
75.02	324.93	35.29	14.61	19.34	5.41	0	1.56	3.17	84.99	280.94	104.66
69.83562	473.4795	27.28767	11.58904	35.39726	6.054795	0	0.657534	1.123288	91.67123	277.9178	103.0959
71.0137	465.3699	32.30137	8.328767	35.42466	5.616438	0	0.657534	2.547945	89.17808	310.0822	105.3151
66.73973	436.4658	25.53425	9.150685	35.28767	4.712329	0	0.684932	4.246575	88.10959	310.8767	109.8356
66.63014	331.4521	22.46575	9.287671	34.32877	4.739726	0	0.438356	4.246575	140.3288	293.6438	118.8219
74.39	172.32	23.52	4.74	104.84	0.08	0	0.97	0.1	122.7	66.98	82.2
74.25	173.75	24.3	4.88	107.73	0.1	0	1.28	0.12	123.15	69.19	85.15
72.28	178.87	24.35	5.71	108.24	0.1	0	0.93	0.13	118.32	66.47	92.05
72.73	196.68	26.3	5.86	113	0.08	0	0.99	0.15	112.83	67.96	101.55
72.11	205.18	24.27	7.27	108.78	0.09	0	1.22	0.19	120.41	66.21	74.46
71.86	203.51	25.06	7.59	113.79	0.09	0	1.08	0.26	108.67	68.54	88.99
72.25	193.81	29.07	8.33	108.57	0.08	0	1.17	0.26	111.4	68.94	88.48
76.23	196.98	32.06	8.74	108.42	0.09	0	0.9	0.28	121.85	69.7	96.1
77.07	186.49	29.72	9.72	106.13	0.08	0	1.41	0.35	121.4	67.8	99.54
76.74	186.74	31.18	10.8	106.08	0.08	0	3.02	0.57	119.16	67.02	98.68
73.68	177.52	30.58	10.59	105.5	0.1	0	2.06	0.81	117.82	70.16	93.88
77.41	171.19	30.52	11.87	104.17	0.09	0	1.87	1.2	126.42	69.91	68.03
77.62	175.79	23.92	13.92	99.49	0.33	0	1.69	1.51	126.19	69	110.05
75.29	204.86	32.12	14.31	99.21	0.34	0	1.28	2.23	132.61	74.79	113.22
77.57	219.44	29.75	13.95	104.91	0.29	0	0.97	3.09	138.68	71.18	105.64
80.25	232.02	34.72	14.87	109.7	0.25	0	1.3	3.88	138.59	73.72	125.44
80.47	214	33.27	16.51	112.76	0.48	0	1.76	4.03	135.07	77.14	122.67
85.62	197.69	35.41	19.48	110.66	0.4	0	1.64	4.34	137.99	80.34	126.87
87.44	199.71	38.23	23.88	111.32	0.3	0	1.38	4.23	152.57	83.26	142.48
89.33	237.36	33.93	27.59	107.51	0.29	0	1.09	5.47	156.05	82.46	135.79
87.94	213.31	31.71	26.9	108.27	0.24	0	1.02	6.17	144.78	80.85	129.76
81.89	220.11	36.2	28.54	111.84	0.19	0	1.08	5.47	146.32	85.33	134.4
83	217.67	28.88	27.79	110.32	0.15	0	1.21	5.48	141.19	82.22	138.92
81.93	223.65	35.4	23.04	108.67	0.12	0	1.04	5.1	145.24	85.92	138.67
82.6	221.99	30.27	25.23	105.47	0.28	0	1.1	5.51	140.7	85.62	144.27

96.77	268.52	27.67	28.19	109.19	0.44	0	0.89	4.82	148.75	83.53	130.65
94.86	245.04	35.61	31.61	109.67	0.43	0	0.87	5.39	146.18	91.81	130.01
94.4	230.07	34.67	33.2	110.37	0.69	0	0.53	5.19	143.87	94.67	125.72
102.95	256.05	31.2	35.33	110.63	0.73	0	0.76	5.95	146.4	89.66	114.41
101.36	254.75	32.53	38.75	111.48	0.64	0	1.25	5.64	146.93	94	119.32
106.55	267.08	32.11	42.82	107.84	0.58	0	1.28	4.78	144.65	94.02	121
106.63	261.52	34.67	45.49	105.61	0.52	0	1.09	5.35	152.16	88.65	123.18
109.69	257.66	32.75	47.18	113.69	0.34	0	0.92	5.72	152.21	93.3	118.84
119.91	267.52	37.07	51.66	107.57	0.32	0	1.5	6.36	156.78	100.94	126.19
131.97	315.1	39.47	62.74	88.53	0.3	0	1.47	7.01	158.83	105.84	138.67
138.57	320.7	33.24	59.48	102.92	0.26	0	1.31	6.81	155.62	101.11	126.44
134.34	309.21	36.95	68.49	101.7	0.26	0	1.22	6.2	153.19	103.72	125.18
134.07	309.24	40.2	70.06	108.81	0.25	0	1.1	7.07	150.96	102.47	126.59
139	312.7	40.52	77.16	108.63	0.25	0	1.34	6.84	121.6	108.02	130.01
142.25	309.28	34.97	81.07	104.76	0.39	0	1.32	6.65	140.87	103.11	119.87
138.14	300.43	38.78	78.07	97.01	0.29	0	1.29	7.16	124.25	104.57	135.35
138.32	319.72	42.14	84.34	94.16	0.42	0	1.2	7.86	123.36	121.94	132.58
136.52	312	41.12	88.81	98.42	0.52	0	1.18	8.43	129.01	128.83	146.48
136.07	320.45	40.63	93.56	105.05	0.48	0	0.97	8.64	144.7	122.26	138.73
135.34	332.86	41.58	75.45	107.52	0.67	0	1.09	8.75	144.65	119.67	141.83
139.02	340.06	41.69	81.08	94.93	0.63	0	1.12	8.22	151.46	126.76	143.05
140.8	332.25	46.4	86.79	91.12	0.66	0	1.02	9	153.19	127.01	146.64
142.49	354.87	48.62	100.18	91.14	0.56	0	1.57	9.22	157.4	129.58	146.94
143.69	375.73	45.11	95.99	94.7	0.54	0	1.76	8.61	159.29	141.33	146.33
147.92	392.93	48.37	103.39	91.87	0.41	0	1.42	9.96	161.56	145.48	147.6
149.53	414.38	52.65	111.3	93.58	0.31	0	3.16	10.37	162.35	147.59	146.47
150.57	414.86	50.05	111.89	87.01	0.32	0	2.1	10.05	161.07	139.44	143.25
150.41	410.32	49.04	123.29	88.02	0.28	0	2.03	9.91	162.32	141.18	145.21
148.2192	424.8219	44.05479	121.8904	127.3151	0.273973	0	1.589041	0	162.7945	143.1233	148.8767
148.1644	416.3836	42.63014	126.4658	129.1507	0.30137	0	1.726027	0	165.2055	138.0822	133.9452
145.9178	409.9726	41.69863	126.9041	110.6575	0.30137	0	1.205479	0	160.3288	139.3425	147.726
148.3288	398.9315	41.69863	131.589	132.8219	0.30137	0	2.328767	0	159.863	139.6438	134.8219
86.46	51.83	5.16	12.27	208.33	0.19	0	0	1.27	95.23	96.81	48.67
104.84	56.81	4.38	13.52	203.66	0.18	0	0.27	1.22	99.87	98.76	54.96
100.69	84.52	5.25	13.58	210.04	0.23	0	0.41	1.17	94.24	102.94	62.58
90.1	88.74	20.08	13.59	188.2	0.25	0	1.26	1.12	114.31	134.46	71.31
83.35	58.66	7.18	18.41	213.28	0.27	0	0	1.06	105.3	103.84	78.06
80.03	61.04	11.93	24.5	195.38	4.3	0	0.72	1.25	111.06	186.74	95.39
75.17	61.88	9.57	23.23	220.22	5.62	0	0.39	1.7	113.99	173.19	82.63
77.07	66.56	8.54	24.43	214.26	4.22	0	0.79	1.6	117.54	180.47	86.03
75.94	65.53	9.21	25.01	213.86	4.57	0	0.68	1.19	110.75	179.95	86.31
71.92	65.42	8.43	27.33	208.99	5.56	0	1.33	1.54	111.73	191.91	86.98
66.31	67.28	9.25	38.7	201.81	5.86	0	0.93	2.7	121.22	187.16	83.81
65.13	76.39	9.36	30.89	202.53	6.75	0	1.81	2.45	125.64	154.46	89.05
58.68	72.3	8.79	41.19	198.31	6.57	0	1.02	2.37	112	166.51	83.03
66.57	70.58	11.23	33	201.14	5.85	0	2.2	2.03	117.17	151.88	85.59
63.46	70.55	13.19	44.74	198.43	5.99	0	2.18	1.97	111.53	167.97	87.9
72.71	79.57	16.09	47.13	188.95	5.87	0	3.15	2.67	109.05	181.79	93.58
69.9	85.45	19.27	44.87	181.77	5.59	0	4.62	2.8	109.9	178.66	92.23

61.21	189.29	12.92	41.32	176.88	6.27	0	3.17	8.52	127.94	164.25	83.56
71.61	199.2	14.62	44.29	174.42	6.78	0	2.59	7.84	109.4	166.71	93.32
73.19	220.52	16.07	60.06	169.45	7.37	0	3.91	5.08	122.51	177.3	101.02
81.9	189.23	18.48	78.78	175.79	7.68	0	2.47	3.57	97.26	229.7	111.41
75.59	210.86	30.6	86.76	173.01	8.44	0	4.33	2.63	112.71	185.99	128.05
84.3	200.35	36.58	81.48	167.11	8.36	0	3.5	3.84	144.86	195.93	126.06
85.42	199.83	36.89	68.53	163.41	7.52	0	5.4	8.32	132.95	151.19	120.24
102.28	223.85	28.9	61.13	163.2	8.73	0	2.72	14.3	132.04	140.27	128.95
69.12	179.11	19.76	78.99	177.85	9.73	0	6.59	11.2	104.81	150.17	129.53
85.24	193	14	85.6	174.67	10.1	0	6.19	8.13	117.56	150.8	129.95
104.49	242.64	10.03	67.93	176.65	10.54	0	8.73	9.02	108.58	168.77	126.59
90.68	171.46	13.92	91.09	182.66	8.66	0	8.57	8.77	107.09	173.6	115.81
80.18	206.43	15.46	75.62	178.78	7.73	0	8.51	10.66	96.93	172.89	110.89
83.3	211.96	16.21	97.34	180.07	8.01	0	7.67	4.67	108.67	186.25	111.28
85.35	191.74	17.98	86	182.79	7.83	0	8.59	4.63	118.3	191.32	113.54
89.99	171.41	18	83.32	179.09	7.83	0	8.45	4.6	114.71	204.13	119.28
123.42	196.9	13.25	95.3	181.13	5.05	0	12.44	2.48	116.25	241.84	127.01
110.58	209.84	21.89	89.78	184.36	7.89	0	6.27	1.86	114	256.52	108.73
126.31	221.02	27.19	87.54	191.59	9.93	0	6.47	1.72	103.53	267.07	113.99
91.6	202.88	24.82	72.6	204.93	10.27	0	8.49	5.89	100.73	244.98	102.59
74.63	200.66	28.59	84.48	200.27	8.09	0	10.7	6.42	80.37	257.93	96.11
79.43	209.22	25.71	112.9	197.24	7.6	0	5.49	5.03	88.07	191.27	116.61
52.06	232.39	22.45	117.29	205.49	6.14	0	5.78	3.69	90.21	207.91	114.76
51.85	285.73	41.43	131.45	196.08	9.62	0	7.57	4.88	109.25	230.14	113.34
55.69	218.33	28.08	144.02	200.05	12.76	0	5.5	7.43	82.57	244.1	108.04
52.38	223.81	35.77	154.08	203.24	12.03	0	13.2	5.75	107.29	261.56	109.49
50.18	264.6	32.37	144.47	204.75	11.59	0	11.07	2.82	124.24	231.14	111.11
47.19	270.06	34.21	126.43	208.83	12.67	0	11.49	3.08	125.49	242.92	113.27
51.41	253.38	28.67	140.56	220.32	8.82	0	9.68	2.88	129.57	161.63	129.57
48.21	272.32	31.34	148.82	209.2	8.99	0	9.86	3.36	133.58	153.78	121.54
49.97	279.47	29.29	149.83	205.83	7.17	0	12.64	4.99	124.9	172.79	110.16
50.1	249.37	30.36	152.03	207.47	6.23	0	8.44	7.3	135.34	180.47	109.25
54.51	219.22	35.6	155.95	209.06	4.49	0	10.01	8.01	135.86	163.29	107
62.91	189.37	38.46	171.23	210.04	4.76	0	10.24	8.22	137.9	157.06	109.23
60.49	179.19	33.83	174.02	210.33	6.47	0	9.01	6.46	135.31	164.64	112.95
66.21	199.61	33.25	172.26	210.04	7.36	0	8.5	7.24	135.03	251.74	117.66
87.95	308.6	69.05	10.07	9.92	0.26	0	5.86	0.01	55.75	287.76	619.16
93.89	289.44	65.04	9.7	10.12	0.32	0	6.51	0.01	56.73	294.88	592.6
90.07	301.25	69.57	9.53	10.97	0.33	0	6.3	0.01	60.3	325.33	604.44
97.86	294.51	74.04	10.89	10.67	0.4	0	7.38	0	68.69	337.1	601.43
104.01	323.04	79.12	11.17	10.38	0.29	0	7.85	0	67.37	291.2	606
109.56	349.25	55.83	12.56	10.68	0.33	0	8.16	0	76.83	366.74	623.09
111.05	357.45	75.16	14.58	10.36	0.43	0	8.9	0.02	76.19	328.84	583.36
106.8	339.86	76.84	14.3	10.93	0.23	0	9.73	0.11	88.82	283.06	608.94
102.09	326.42	76.92	17.64	11.22	0.5	0	9.95	0.41	97.65	280.12	607.56
96.45	347.95	70.95	21.42	10.66	0.17	0	9.21	0.28	99.12	289.78	597.63
100.31	359.55	79.08	25.09	10.39	0.21	0	7.99	0.18	99.31	287.87	603.65
115.97	383.95	78.43	25.7	11.22	0.22	0	8.16	0.14	94.94	272.26	605.61
114.86	394.77	73.22	29.14	11.48	0.19	0	10.01	0.34	98.87	280.07	590.16

114.01	415.47	74.45	34.17	12.07	0.37	0	7.74	0.36	99.81	302.64	582.28
139.82	431.04	63.26	30.03	12.37	0.35	0	8.74	0.82	98.3	304.3	577.38
148.03	444.9	67.39	32.2	13.22	0.22	0	10.38	1.04	104.47	291.66	579.45
136.57	460.16	67.79	35.98	11.26	0.24	0	8.12	1.23	103.41	321.88	567.67
138.98	470.15	81.08	38.48	11.8	0.24	0	10.02	1.24	105.63	334.76	563.57
143.72	496.98	74.94	40.42	11.51	0.35	0	7.81	1.56	103.1	381.74	564.82
145.25	496.49	72.84	36.12	12.08	0.45	0	7.39	1.18	105.19	326.95	568.15
159.78	506.91	83.01	35.07	11.79	0.41	0	8.19	1.33	106.44	367.15	559.91
159.16	529.17	81.11	37.39	11.54	0.31	0	9.05	1.23	106.9	389.23	545.88
162.45	545.09	83.86	40.05	12.08	0.33	0	8.75	1.14	107.35	350.38	529.71
164.77	548.25	81.68	40.74	12.09	0.19	0	9.02	1.22	108.37	379.29	510.25
171.29	560.85	89.38	38.83	12.39	0.21	0	9.72	0.79	106.45	354.82	519.53
173.37	572.58	90.02	42.01	11.86	0.41	0	14.54	1.05	109.25	349.54	524.83
173.26	575.49	80.26	43.81	12.2	0.35	0	13.68	1.5	107.26	425.6	537.31
183.06	564.18	79.22	45	12.17	0.4	0	12.57	1.15	107.25	389	548.95
193.27	557.18	86.72	46.92	11.71	0.3	0	17.82	0.96	102.75	331.58	517.28
144.49	407.46	86.97	50.73	12.43	0.05	0	14.91	0.49	78.67	350.48	468.98
143.73	410.86	85.53	27.09	8.29	0.02	0	13.97	0.26	73.04	303.84	485.11
143.65	440.43	86.19	22.97	12.62	0.15	0	12.3	0.18	89.98	322.14	428.43
161.89	455.78	80.28	27.51	10.46	0.83	0	8.85	0.15	87.28	306.33	422.63
143.33	427.83	80.11	27.92	13.16	0.48	0	8.91	0.15	82.3	318.94	418.88
146.28	433.65	81.79	30.26	11.46	0.32	0	6.15	0.17	83.12	355.82	417.53
141.27	419.15	83.5	33.61	11.93	1.39	0	5.85	0.11	77.44	330.02	389.96
134.95	428.51	77.35	36.79	10.31	0.77	0	5.12	0.07	79.4	343.41	377.61
154.93	473.52	88.32	42.63	7.38	0.5	0	4.65	0.07	77.07	450.55	384.31
133.9	461.8	90.05	41.37	5.89	0.58	0	5.39	0.08	81.23	414.9	398.76
128.64	465.78	88.04	44.91	8.57	0.72	0	5.74	0.06	79.24	388.89	374.78
123.28	390.62	94.52	49	9.95	0.52	0	6.03	0.2	85.75	316.79	372.79
99.2	420.78	96.03	56.68	9.04	0.77	0	6.6	0.08	84.7	284.67	366.27
92.83	440.06	98.42	39.05	9.96	0.63	0	7.64	0.04	84.01	366.85	345.71
104.34	464.51	101.27	44.44	10.87	0.61	0	8.05	0.03	86.1	295.73	331.07
102.57	436.56	104.46	47.45	10.58	0.55	0	8.15	0.03	94.53	174.2	320
93.87	444.38	97.29	49.46	10.67	0.6	0	8.21	0.02	97.61	252.68	328.01
89.22	417.29	99.03	52.62	8.03	0.88	0	8.19	0.03	93.07	206.75	322.58
99.17	397.69	109.56	54.95	5.7	0.79	0	9.4	0.04	92.69	213.71	320.38
105.15	361.28	91.11	60.07	7.86	0.74	0	8.43	0.06	87.47	205.73	325.71
104.92	370.95	85.64	51.49	4.54	0.93	0	8.34	0.24	72.19	212.21	317.67
109.72	396.04	85.13	57.98	6.61	0.8	0	8.97	0.12	77.67	197.56	327.63
103.33	409.35	64.67	64.57	5.72	0.78	0	10.42	0.04	76.52	174.13	332.7
103.22	428.68	75.35	56.66	6.14	0.77	0	11.24	0.1	78.66	185.77	331.97
106.7671	449.0137	59.47945	59.0137	11.89041	2.246575	0	8.657534	0.054795	86.41096	184.2466	335.9726
107.0959	429.2603	71.34247	59.50685	12.65753	6.520548	0	8.219178	0.027397	92.76712	209.9726	260.3836
109.8904	453.0411	58.76712	60.79452	5.726027	27.23288	0	8.465753	0.027397	94.16438	253.6438	265.2877
111.4795	467.3425	73.61644	60.43836	6.712329	22.93151	0	9.342466	0.109589	94.16438	248.4932	226.1644
19.73	35.7	0.11	3.77	11.46	2.14	0	7.31	0	4.81	186.01	2.9
20.07	35.71	0.12	3.57	12.75	2.1	0	9.12	0	6.07	189.16	4.21
21.3	35.73	0.27	3.53	10.73	2.07	0	7.66	0	5.51	208.75	4.01
22.56	38.09	0.32	3.39	10.14	2.12	0	8.78	0	4.97	195.54	5.28
24.03	42.78	0.23	3.03	11.89	2.08	0	8.66	0	4.62	193.43	6.23

25.06	42.9	0.19	3.21	9.84	2.08	0	9.09	0	5.05	198.95	8.19
24.55	42.82	0.2	3.49	11.61	2.1	0	6.46	0	4.69	211.79	8.62
23.12	42.52	0.19	3.31	13.79	2.11	0	9.1	0	6.8	217.63	9.1
26.45	43.6	0.2	3.57	12.81	2.14	0	6.73	0	5.49	199.11	9.98
27.84	43.92	0.03	3.55	12.51	2.13	0	7.22	0	6.36	200.59	13.1
28.05	41.96	0.18	3.52	10.94	2.11	0	7.44	0	6.43	196.46	11.55
24.8	37.31	0.03	3.46	10.21	2.11	0	6.77	0	8.71	178.17	11.8
17.62	34.13	0.04	3.47	10.46	2.06	0	4.94	0	5.33	181.04	11.41
16.89	38.84	0.04	3.26	9.8	2.08	0	7.76	0	4.61	186.97	8.91
18.79	36.81	0.04	3.38	13.44	2.04	0	6.75	0	5.4	209.13	6.05
19.48	46.53	0.05	3.95	15.54	2	0	4.84	0	7.73	215.97	6.87
20.06	52.19	0.04	3.56	18.47	2.1	0	4.27	0	9.54	180.98	12
20.8	71.24	0.12	3.19	12.91	1.99	0	5.28	0	13.44	203.38	9.77
21.61	78.58	0.11	3.29	20.57	1.98	0	11.54	0	12.69	198.46	14.11
20.88	79.35	0.14	3.6	22.99	1.93	0	6.68	0	11.62	194.8	11.15
20.88	75.43	0.21	3.67	15.25	1.88	0	6.07	0	12.34	177.18	10.87
23.9	58.85	0.05	3.98	23.45	1.88	0	6.35	0	12.86	192.81	12.44
25.72	59.57	1.01	4.39	23.68	1.9	0	5.16	0.17	9.97	181.64	9.93
25.16	59.23	1.96	4.13	39.18	1.85	0	4.85	0.34	11.8	182.17	10.8
27.65	58.88	2.34	4.54	49.3	1.86	0	4.83	0.84	11.92	183.4	11.4
28.32	67.33	2.91	4.97	40.22	1.82	0	6.77	0.92	11.54	211.72	10.07
28.8	63.35	2.32	5.39	29.33	1.82	0	7.77	0.21	10.76	241.57	10.87
29.01	55.95	2.37	5.77	35.02	1.77	0	6.09	0.34	8.01	216.22	11.21
29.29	40.26	2.77	5.7	38.67	1.86	0	3.44	0.25	9.1	237.21	3.73
36.53	56.28	2.22	5.96	31.79	2.24	0	5.78	0.83	9.55	220.21	10.6
37.35	63.51	2.17	6.03	33.58	2.12	0	6.64	0.14	10.5	212.66	13.27
36.72	53.83	2.08	6.01	34.48	2.46	0	6.46	0.39	10.84	256.19	12.17
36.94	57.53	2.04	6.01	32.93	2.68	0	5.93	1.1	10.87	262.77	10.04
37.23	54.04	2.17	6.15	54.93	2.69	0	6.54	0.3	9.52	257.29	16.92
37.36	61.19	1.34	6.1	43.47	3.14	0	6.66	0.86	9.04	245.67	18.26
37.42	53.55	0.32	6.15	65.59	3.15	0	6.85	0.26	14.13	270.8	22.33
37.94	54.55	0.39	6.18	62.35	3.07	0	6.29	0.92	15	254.74	17.1
37.68	55.24	0.29	6.23	51.69	3.13	0	4.73	0.82	13.38	238.2	16.81
37.81	58.9	0.55	5.66	66.44	3.25	0	7.05	0.94	14.08	245.71	20.12
38.02	56.46	0.87	6.25	56.3	3.29	0	4.65	0.78	9.18	208.4	21.89
38.27	50.31	0.31	6.25	60.33	3.37	0	3.7	0.83	12.42	243.09	11.19
38.46	49.44	0.28	6.34	62.74	3.29	0	3.08	0.53	16.2	241.23	11.46
46.76	55.71	0.27	6.36	46.32	3.4	0	2.27	1.18	12.43	249.25	5.76
46.9	55.84	0.48	6.33	49.65	3.47	0	2.62	0.49	10.35	251.7	14.54
47.69	57.38	0.38	6.31	38.03	1.12	0	2.13	1.27	16.59	251.26	22.64
48.1	62.3	0.4	6.32	56.84	1.06	0	2.6	1.11	16.98	241.9	23.02
46.45	56.37	0.43	6.36	44.36	1.06	0	2.38	1.07	18.67	209.7	22.02
45.28	57.66	0.46	6.33	48.51	1.19	0	3.89	5.23	13.08	210.8	16.3
45.05	59.85	0.53	6.43	60.98	1.04	0	3.09	2.61	12.98	210.76	22.7
44.81	57.6	0.5	6.61	57.85	0.96	0	4.77	3.7	13.34	218.73	23.64
44.48	59.38	0.69	6.58	56.12	0.92	0	4.89	3.75	19.54	205.31	23.84
44.09	60.94	0.96	6.52	58.3	0.98	0	5.39	3.82	19.76	207.26	31.73
30.22	81.89	0.75	6.19	58.72	0.96	0	5.53	3.34	20.25	205.34	30.42
35.42466	53.86301	0.794521	5.589041	84.19178	0.931507	0	5.890411	2.328767	23.83562	189.0959	29.23288

33.23288	59.06849	0.794521	6.739726	88.76712	0.931507	0	3.972603	2.767123	26.16438	178.4658	29.78082
32.73973	63.58904	0.794521	6.438356	95.72603	0.986301	0	3.369863	3.69863	27.78082	166.8767	35.06849
31.23288	63.45205	0.794521	6.219178	98.30137	0.876712	0	4.575342	2	30.84932	158.9315	37.64384
9.12	35.22	36.03	0.51	22.17	0	0	0	0	40.11	42.06	31.06
9	34.7	37.05	0.49	10.79	0	0	0	0	40.37	40.75	31.89
9.74	37.05	34.93	0.48	12.84	0	0	0	0	36.74	42.82	32.68
10.54	36.4	33.91	0.47	17	0.01	0	0.02	0	39.6	41.81	31.85
11.12	36.41	34.78	0.57	18.77	0.11	0	0.02	0	37.39	39.05	40.16
12.54	32.92	30.98	0.5	16.43	0	0	0	0	43.93	41.49	29.54
12.14	35.89	30.96	0.51	16.8	0.12	0	0.05	0	43.38	52.62	35.69
12.17	35.59	33.13	0.58	17.16	0.1	0	0.05	0	46.61	40.59	38.45
12.3	45.89	25.26	0.71	23.2	0.11	0	0.06	0	54.33	99.45	41.77
13.1	47.41	27.85	0.8	26.15	0.12	0	0.04	0	54.51	78.47	42.96
13.17	89.26	21.47	0.93	32.49	0.14	0	0.03	0	54.19	68.88	52.6
14.01	71.68	19.75	1.02	38.32	0.12	0	0.07	0	54.58	43.86	55.14
14.91	42.49	21.4	1	42.33	0.17	0	0.07	0	39.11	53.93	67.07
12.42	46.7	23.43	0.93	30.22	0.13	0	0.12	0	39.78	75.62	37.88
12.15	120.53	20.12	0.92	13.8	0.14	0	0	0	25.29	31.29	54.54
11.13	114.12	17.96	0.92	23.4	0.15	0	0	0	25.16	23.54	59.07
12.22	177.12	21.66	0.95	36.89	0.18	0	0.02	0	25.86	20.86	78.36
13.91	380.96	26.59	1.54	37.86	0.1	0	0.03	0	27.03	19.26	101.15
17.48	102.45	29.61	1.91	39.11	0.05	0	0	0	29.09	24.57	80.08
16.66	117.97	32.98	2.73	43.96	0.18	0	0.17	0	31.29	14.3	115.95
17.47	213.25	27.13	2.93	42.89	0.23	0	0.05	0	34.07	24.68	102.6
24.75	190.81	22.25	2.76	50.01	0.13	0	0.04	0	35.82	19.34	102.18
20.92	208.43	22.93	2.69	53.38	0.17	0	0.12	0	43.33	21.37	104.91
19.67	230.39	31.75	3.37	54.06	0.18	0	0.13	0	40.42	28.62	124.15
25.97	132.71	36.65	2.82	56.33	0.11	0	0.1	0	40.06	33.25	124.52
28.93	168.2	33.59	3.8	57.67	0.13	0	0.15	0	41.61	26.41	136.51
32.83	175.45	37.97	3.65	58.22	0.12	0	0.09	0	44.33	83.48	117.82
37.87	184.52	38.57	3.77	62.09	0.23	0	0.19	0	43.19	72.69	108.64
39.26	138.42	28.32	3.95	64.32	0.21	0	0.24	0	46.03	83.03	103.78
41.94	176.44	35.36	3.83	65.95	0.17	0	0.14	0	46.19	82.1	92.76
40.79	174.9	40.4	4.47	69.54	0.16	0	0.38	0	48.04	52.04	95.8
78.43	261.26	43.2	5.02	70.44	0.19	0	0.33	0	50.59	86.78	101.73
70.63	199.34	53.25	5.71	75.69	0.21	0	0.43	0	50.48	80.34	101.72
50.99	201.76	40.78	5.31	88.41	0.27	0	0.32	0	51.74	74.14	99.05
61.25	244.51	48.58	4.13	88.76	0.32	0	0.45	0	53.61	76.51	96.62
56.67	233.82	39.45	3.97	89.34	0.48	0	0.74	0	52.09	112.06	98.39
50.72	199.03	52.55	4.17	95.96	0.25	0	0.2	0	54.24	119.96	95
61.52	212.78	56.08	5.25	99.91	0.42	0	0.1	0.11	53.26	113.85	97.59
60.06	221.12	61.46	6.2	99.58	0.41	0	0.22	0.08	59.71	144.78	94.25
60.85	222.37	59.87	11.82	106.78	0.41	0	0.28	0	65.48	187.96	98.31
56.61	236.97	63.68	16.86	109.52	0.34	0	0.17	0.01	76.16	203.07	99.7
54.88	245.8	72.35	17.04	107	0.41	0	0.18	0	67.87	215.99	98.97
55.73	225.04	73.95	23.72	123.96	0.27	0	0.18	0	70.45	215.52	99.54
55.23	271.83	76.98	31.08	133.29	0.29	0	0.41	0.18	70.96	227.95	101.36
56.11	259.51	87.79	36.11	143.19	0.33	0	0.64	0.04	66.86	248.47	97.66
58.53	283.1	74.51	35.5	133.06	0.37	0	1.02	0.17	61.92	257.06	100.68

55.65	288.06	79.36	42.57	137.05	0.42	0	0.95	0.82	61.03	267.32	102.02
52.96	292.79	78.8	43.78	123.76	0.42	0	1.23	0.21	60.77	285.34	105.88
49.76	304.15	80.48	52.24	130.68	0.5	0	1.08	0.02	60.59	242.37	105.91
48.93	298.36	72.95	51.44	135.4	0.39	0	1.18	0.01	58.01	273.32	102.23
50	307.76	76.59	51.86	134.71	0.48	0	0.99	0.03	57.7	316.63	101.25
49.02	314.55	81.14	46.44	134.9	0.36	0	0.85	0.02	56.24	331.87	101.87
47.71	317.29	85.87	51.93	133.56	0.43	0	0.96	0.02	52.89	339.52	105.87
40.73973	151.6438	68.05479	47.26027	214.1918	0.410959	0	0.657534	0.054795	65.83562	248.411	104.0274
41.0411	153.8082	59.34247	47.64384	217.9178	0.410959	0	0.657534	0.054795	61.64384	227.726	102.5205
45.31507	149.6712	48.35616	48.10959	202.6575	0.328767	0	0.438356	0.054795	61.64384	227.4521	106.0822
42.90411	144.0274	62.9589	48.27397	196.3562	0.465753	0	0.739726	0.054795	61.42466	197.8356	103.3973
12.41	9.79	0.21	1.86	428.05	0.07	0	1.2	0.15	49.13	156.05	10.41
13.21	10.93	0.17	1.96	420.9	0.27	0	2.06	0.16	50.95	160.39	8.33
14.77	11.09	0.16	1.85	436.22	0.26	0	1.74	0.29	48.59	163.52	8.11
16.79	9.9	0.01	2.15	412.93	0.09	0	2.54	0.37	54.01	171.66	8.32
18.2	9.88	0	2.44	419.57	0.08	0	1.39	0.19	57.71	168.08	4.01
19.34	11.02	0.02	2.45	421.77	0.05	0	1.6	0.25	57.66	165.01	7.07
22.08	12.97	0.03	2.69	417.23	0.16	0	1.24	0.26	74.33	166.1	7.07
24.2	12.54	0.03	3.02	426.99	0.21	0	1.13	0.17	71.7	167.39	7.27
26.14	14.98	0.04	3.16	425.54	0.62	0	2.25	0.24	63.95	168.5	7.99
29.18	11.17	0.02	3.19	444.64	0.34	0	1.63	0.18	67.06	169.9	7.31
28.76	18.84	0.03	3.17	436.72	0.41	0	2.12	0.2	44.53	169.08	9.63
27.95	13.2	0.02	3.19	430.59	0.43	0	1.97	0.34	38.5	168.48	15.95
27.2	15.11	0.75	3.16	423.55	0.46	0	2.89	0.22	34.69	161.28	5.77
23.52	11.71	0.22	3.08	417.71	0.42	0	2.83	0.28	31.02	153.55	7.44
17.91	7.48	0	3.05	340.1	0.47	0	2.66	0.28	30.55	154.92	11.49
13.7	7.42	0	3.1	326.61	0.46	0	2.52	0.28	29.48	157.42	0
11.08	6.75	0	3.42	330.49	0.42	0	2.42	0.32	29.02	158.65	0
9.94	5.71	0	3.18	354.05	0.35	0	1.72	0.35	25.57	138.74	0
8.45	27.36	0	2.91	370.82	0.28	0	1.51	0.39	20.21	161.4	0.5
8.95	18.61	0	2.37	366.56	0.32	0	0.75	0.21	15.18	121.62	11.44
11.56	12.29	0	2.78	388.48	0.32	0	1.4	0.28	13.48	131.36	11.14
21.1	5.86	0	3.84	407.14	0.32	0	1.43	0.38	23.9	146.22	9.08
23.08	5.99	0	3.6	427.82	0.34	0	1.76	0.36	28.18	148.78	6.35
26.34	5.71	0	3.91	437.87	0.37	0	1.71	0.34	20.64	146.47	1.59
29.33	5.46	0	4.51	422.22	0.42	0	2.35	0.23	17.9	147.91	0
28.82	5.35	0	4.88	408.92	0.46	0	2.64	0.35	17.65	146.74	0
30.3	6.34	0	4.78	448.79	0.46	0	2.97	1.26	16.16	144.95	0
33.33	5.2	0	5.71	436.13	0.46	0	1.62	0.29	15.14	142.09	0
36.8	5.7	0	5.3	439.58	0.47	0	2.22	0.37	19.8	138.26	0
33.51	5.29	0	4.93	455.6	0.48	0	1.86	0.56	21.96	135.6	0
33.58	4.93	0	5.1	488.41	0.5	0	2.32	0.6	16.03	130.01	0.12
39.57	7.6	0	5.45	473.55	0.51	0	2	0.86	18.53	127.73	0.09
39.8	9.48	0	5.63	477.34	0.52	0	1.67	0.64	12.13	124.75	6.37
37.61	12.74	0	5.2	480.4	0.53	0	1.35	0.44	17.05	122.01	2.31
37.46	13.73	0	5.04	478.14	0.51	0	1.4	0.16	15.67	110.35	4.4
38.07	11.08	0.01	5.43	429.94	0.61	0	1.72	0.23	19.04	108.82	5.57
40.09	8.28	0	5.59	427.59	0.48	0	1.99	0.24	23.42	106.14	3.91
39.83	7.96	0.1	5.65	448	0.49	0	1.66	0.2	22.94	105.21	6.29

39.58	8.07	0.02	5.82	448.21	0.5	0	2.21	0.46	25.98	104.09	6.96
43.48	8.03	0.02	5.87	458.68	0.5	0	2.43	0.69	30.4	111.03	5.98
42.35	11.01	0.03	5.98	439.11	0.51	0	2.63	0.49	39.23	101.22	4.78
40.67	7.99	0.02	5.72	443.24	0.52	0	2.77	1.62	60.31	100.04	5.21
42.35	7.95	0.03	5.62	427.54	0.5	0	5.05	3.74	55.01	97.05	6.85
42.47	6.1	0.04	5.53	413.88	0.52	0	6.33	3.94	68.28	102.06	7.5
43.09	13.04	0.04	5.38	430.64	0.51	0	6.06	5.63	53.8	96.75	7.93
43.36	19.48	0.06	5.15	432.9	0.46	0	7.23	6.94	53.84	96.48	8.63
43.32	15.58	0.13	5.24	434.2	0.47	0	6.85	7.25	59.86	96.77	8.51
42.65	11.74	0.11	5.42	435.42	0.49	0	7.1	8.15	72.08	90.62	5.96
42.68	12.64	0.16	6.31	434.08	0.46	0	7.04	8.55	67.64	102.18	6.95
39.23	7.21	0.15	5.41	437.94	0.45	0	7.08	9.32	65.27	99.94	5.51
39.61	7.26	0.18	5.32	436.26	0.53	0	7.36	9.95	67.16	114.07	6.63
35.49	7.92	0.23	5.28	433.58	0.61	0	6.79	10.69	72.17	113.4	7.3
34.91	9.57	0.14	5.04	435.9	0.4	0	6.91	11.86	73.25	110.87	7.52
33.94521	6.657534	0.493151	4.712329	660.7123	0.30137	0	5.643836	11.58904	87.91781	94.73973	8.246575
33.0411	6.246575	0.191781	4.547945	656.7123	0.465753	0	5.616438	11.86301	93.20548	93.56164	8.328767
32.46575	6.712329	0.246575	4.767123	652.4384	0.328767	0	5.232877	12.13699	101.7534	93.15068	8.30137
30.73973	9.780822	0.547945	6.410959	652.137	0.328767	0	5.315068	12.43836	105.6986	91.34247	6.410959
32.75	18.71	7.14	1.43	3.96	0.01	0	3.46	0	27.59	385	11.7
32.77	18.34	5.59	1.48	4.42	0.01	0	4.37	0	26.84	368.7	10.78
33.4	18.51	8.09	1.64	5.45	0.01	0	3.14	0	56.15	403.54	9.74
30.26	16.84	8.61	2.17	5.79	0.01	0	3.56	0	21.68	372.8	9.75
31.36	18.26	7.15	2.3	6.45	0.01	0	2.83	0	23.68	370.19	13.26
32.24	19.25	5.57	2.63	6.36	0.02	0	3.42	0	56.87	372.63	13.22
32.46	22.58	4.93	2.89	7.73	0	0	4.75	0	39.51	377.81	17.42
33.21	26.48	5.84	3.02	9.38	0	0	5.57	0	46.64	382.62	21.76
33.8	25.32	6.08	3.35	9.28	0.01	0	6.86	0	30.1	391.01	20.86
35.95	36.69	5.42	3.27	6.75	0.01	0	8.08	0	33.96	356.08	20.83
35.86	36.93	6.42	3.19	9.21	0.01	0	10.93	0	20.66	360.71	18.75
35.6	30.5	6.85	3.08	9.47	0.01	0	10.62	0	35.31	365.83	24.98
34.7	31.53	7.53	3.17	9.83	0.02	0	10.85	0	36.86	381.46	24.05
34.58	34.5	8.01	3.17	9.05	0.01	0	10.56	0	45.33	380.83	21.88
34.37	31.92	6.71	2.9	10.45	0.04	0	11.4	0	85.33	380.83	22.44
36.58	32.88	6.52	3.05	13.24	0.03	0	11.65	0	85.86	367.64	21.95
37.5	35.32	6.67	3.02	16.26	0.02	0	11.89	0	87.44	354.59	20.87
37.61	36.26	5.7	3.05	18.13	0.01	0	11.43	0	91.17	280.15	23.45
37.53	42.01	5	3.07	20.87	0.02	0	11.27	0.03	91.02	276.89	33.18
37.76	47.4	2.71	2.42	18.83	0.02	0	10.31	0.06	96.89	276.62	29.38
34.9	46.59	9.04	2	15.7	0.02	0	9.94	0.06	114.78	267.71	26.11
34.5	41.15	22.87	2.06	13.94	0.01	0	9.81	0.11	96.65	266.13	25.34
34.35	38.8	18.14	2.82	19.23	0.02	0	9.47	0.17	72.15	256.62	31.23
37.43	40.62	5.86	4.02	22.21	0.02	0	9.54	0.21	211.75	251.89	25.83
38.75	42.81	2.71	4.05	25.44	0.02	0	9.23	0.26	199.57	252.61	23.5
41.85	54.05	3.58	4.84	24.06	0.01	0	8.82	0.3	227.01	264.01	30.65
42.13	53.02	3.14	5.07	22.02	0.01	0	8.74	0.37	185.99	258.18	47.21
41.25	48.71	2.96	3.95	24.33	0.02	0	8.73	0.47	158.46	256.46	59.53
41.74	56.07	3.76	3.84	28.36	0.02	0	8.48	0.58	120.3	259.44	63.09
41.14	49.25	2.58	3.91	28.08	0.14	0	8.49	0.67	151.67	279.4	33.32



39.63	42.32	1.89	3.98	14.97	0.24	0	8.32	0.76	145.28	269.17	36.71
39.11	41.01	4.88	4.07	23.95	0.34	0	7.22	0.85	140.21	268.09	67.38
38.3	41.55	3.99	4	23.62	0.43	0	7.8	1.05	155.97	280.49	35.63
36.08	39.69	4.66	4.15	24.31	0.51	0	8.92	0.98	146.79	273.15	32.31
35.54	40.52	3.67	4.2	23.28	0.6	0	7.74	1.03	147.93	282.9	20.81
37.08	39.56	4.18	4.76	27.84	0.78	0	7.58	0.96	122.39	258.54	22.25
34.32	40.34	4.43	5.62	31.03	0.94	0	7.36	1.04	125.31	300.65	37.96
34.61	38.36	3.96	6.48	26.32	1.1	0	7.16	1.06	118.41	307.71	29.23
36.6	40.44	17.01	6.73	33.68	1.33	0	6.8	1.11	114.54	323.57	42.25
37.69	39.26	16.74	6.09	27.12	1.29	0	7.09	1.09	116.84	344.95	37.15
36.89	39.92	15.68	6.28	47.44	1.29	0	7.56	1.06	114.79	347.41	48.97
35.74	38.6	14.89	7.6	47.14	1.22	0	6.97	1.06	95.72	352.02	48.5
35.09	41.78	14.16	8.46	50.74	1.28	0	6.92	1.03	88.67	349.08	43.74
37.16	41.02	13.48	12.7	51.7	1.27	0	6.64	1.03	94.23	345.03	42.94
36.54	40.13	11.94	9.07	54.6	1.26	0	7.25	1.06	92.39	358.57	45.14
35.78	43.31	12.48	9.4	53.54	1.68	0	6.27	1.21	71.89	387.09	45.83
35.52	39.55	12.27	9.72	52.79	1.73	0	6.47	1.12	59.89	410.21	44.81
37.04	39.41	11.8	9.51	54.89	1.78	0	6.87	1.11	61.34	410.49	47.32
36.28	40.08	13.38	8.73	57.5	1.8	0	6.47	1.57	80.73	420.74	48.92
33.65	39.91	15.31	9.06	56.96	2.32	0	6.55	1.65	84.13	416.29	50.59
33.18	40.47	15.72	9.11	59.84	2.42	0	9.06	1.69	84.14	427.82	55.77
30.16	42.01	15.91	8.93	62.75	2.95	0	9.58	1.47	56.76	441.8	58.14
30.81	41.86	17.53	9.02	65.35	2.98	0	8.98	1.74	51.21	439.85	61.91
30.16438	27.64384	15.56164	8.630137	100.7123	4.164384	0	22.30137	1.287671	24.9863	445.1233	62.08219
29.67123	26.19178	17.12329	8.876712	106.3836	3.753425	0	11.31507	2.136986	22.87671	448.1918	65.26027
28.0274	25.15068	17.23288	9.013699	97.12329	5.178082	0	8.575342	2.356164	22.90411	469.5342	65.12329
26.68493	23.61644	17.31507	8.657534	99.69863	5.890411	0	8.410959	0.465753	24.27397	476.3562	63.89041
183.28	722.72	222.55	37.95	4.66	0.47	0	3.72	0.43	125.28	220.91	216.73
182.74	697.08	222.97	38.01	4.66	0.53	0	3.46	0.46	131.9	225.74	219.27
186.98	703.89	221.78	40.84	5.41	0.43	0	3.48	0.44	127.81	211.33	237.13
196.41	691.69	217.93	43.1	5.3	0.39	0	3.5	0.53	124.79	217.97	199.12
195.67	677.78	210.49	44.91	8.01	0.43	0	3.65	0.49	129.29	229.78	237.87
194.94	706.21	228.11	48.57	5.03	0.37	0	3.4	0.49	135.64	217.75	211.22
206.46	689.2	223.75	50.07	5.35	0.43	0	3.66	0.49	133.01	221.49	211.71
206.82	693.85	221.95	48.91	5.8	0.49	0	3.84	0.43	131.66	231.29	213.09
202	727.54	230.44	53.27	6.08	0.36	0	4.15	0.44	137.01	208.06	221.53
207.84	677.53	225.25	55.98	6.51	0.44	0	4.13	0.51	135.76	230.34	218.93
216.44	646.44	211.96	53.64	8.82	0.44	0	5.05	0.49	134.52	223.04	201.7
213.78	640.45	190.54	54.32	8.37	0.45	0	6.65	0.49	134.28	214.62	209.83
207.19	674.01	206.94	55.34	8.15	0.47	0	6.34	0.44	132.77	239.61	211.8
212.73	692.9	222.42	54.12	6.75	0.47	0	5.61	0.47	127.34	245.55	207.96
216.07	614.98	211.3	50.38	7.28	0.36	0	5.21	0.53	122.22	258.83	214.18
227.01	638.17	216.67	53.3	7.67	0.52	0	6.62	0.51	130.93	260.34	225.98
218.86	670.04	235.76	54.82	7.96	0.46	0	5.92	0.59	130.23	260.98	212.16
211.21	579.37	229.48	56.21	8.31	0.51	0	5.42	0.6	126.52	280.44	202.05
203.34	605.43	235.67	60.01	9.08	0.43	0	6.29	0.61	122.69	281.98	201.69
209.47	588.97	213.9	60.49	9.18	0.37	0	7.25	0.76	117.76	264.17	209.06
209.22	594.94	230.7	59.95	10.3	0.5	0	6.53	0.76	117.51	287.07	179.83
201.88	648.31	223.95	60.19	11.08	0.51	0	8.21	0.82	112.53	306.75	207.76

203.53	599.04	211.75	60.5	10.92	0.51	0	8.46	0.7	114.72	289.74	215.94
197.35	618.54	222.75	62.49	11.26	0.48	0	10.49	0.76	121.24	315.4	202.73
199.43	601.25	223.92	66.69	11.46	0.45	0	8.45	0.8	121.71	300.36	222.52
196.93	592.34	224.61	67.5	12.74	0.51	0	9.29	0.8	126.7	290.14	210.46
190.75	629.17	224.41	70.78	12.92	0.48	0	7.81	0.93	128.46	306.07	205.45
192.84	625.11	205.99	73.65	12.77	0.87	0	6.78	0.85	117.21	298.77	218.64
186.44	678.73	216.76	73.47	12.61	0.91	0	7.67	0.95	112.59	315.49	213.29
180.94	617.9	211.33	76.14	13.32	0.91	0	7.05	0.95	116.88	321.63	213.91
178.14	606.18	193.25	76.02	14.29	0.91	0	7.53	0.99	115.35	295.45	203.08
181.87	597.77	226.49	76.47	14.9	1	0	7.36	1	119.51	313.01	207.54
174.37	584.89	221.94	79.3	15.95	1.05	0	7.92	1.22	124.77	328.42	206.74
179.97	587.33	226.31	84.82	15.39	1.1	0	7.3	1.32	127.25	327.06	236.73
177.54	583.86	224.13	83.32	17.3	1.07	0	6	1.37	130.28	327.24	229.59
171.61	577.93	234.79	84.34	18.12	1.18	0	6.55	1.39	135.87	336.22	243.67
170.85	571.63	238.43	87.37	21.06	1.25	0	6.24	1.69	141	333.56	244.42
181.59	589.28	234.86	91.3	20.11	1.36	0	7.6	1.68	142.34	336.24	254.88
189.6	587.3	224.26	95.38	20.61	1.47	0	7.63	1.79	134.11	341.07	247.38
182.44	611.13	218.64	98.43	20.25	1.39	0	8.31	1.76	138.52	330.33	243.1
180.27	591.6	217.79	100.56	19.24	1.58	0	9.07	1.62	144.88	331.91	242.46
179.92	594.11	219.9	100.5	17.58	1.77	0	9.96	1.8	152.59	345.3	238.92
177.05	567.59	228.66	99.31	16.31	1.52	0	10.3	1.77	153.17	336.37	237.61
177.97	585.82	212.08	100.31	22.98	1.95	0	11.12	1.91	148.73	336.31	241.68
164.73	581.64	215.42	100.49	23.09	1.8	0	10.33	1.88	147.43	327.52	240.16
164.63	599.17	210.41	100.77	24.63	1.87	0	10.52	1.97	144.56	333.15	239.74
171.84	600.29	190.43	102.68	25.23	1.95	0	12.16	1.9	146.05	337.47	241.56
164.3	594.78	172.63	102.95	26.82	2	0	11.98	1.96	140.5	314.04	237.87
162.65	570.96	199.26	100.1	25.15	2.13	0	11.61	1.98	135.66	311.43	234.95
155.67	584.3	223.43	100.59	24.41	2.1	0	12.22	2.23	126.29	305.02	231.92
152.65	601.38	213.83	101.5	25.21	2.41	0	12.72	2.24	137	311.32	216.41
155.48	562.58	199.23	100.59	24.86	2.54	0	14.24	2.48	132.13	316.55	235.27
150.5	548.6	194.72	100.49	34.65	2.48	0	14.55	2.57	132.23	298.22	232.77
143.4521	523.6986	170.8767	101.5068	37.15068	2.493151	0	10.52055	4.30137	256.0548	287.589	208.7397
147.9452	492.6301	182.5205	103.7808	35.31507	2.438356	0	10.38356	4.136986	254.8767	284.7397	212.411
124.5479	505.9452	180.6301	105.6712	39.31507	2.383562	0	10.57534	3.452055	256.1096	286.1644	221.0959
119.9178	480.4384	172.3836	106.9041	35.0137	2.383562	0	10.52055	4.876712	254.3562	279.3425	228.8767
57	133.19	23.73	9.2	73.13	0.51	0	0.27	0	124.89	109.31	98.54
59.6	145.82	23.84	9.84	75.74	0.49	0	0.27	0	132.01	111.34	112.39
61.27	158.11	21.63	10.36	78.93	0.55	0	0.31	0	133.39	110.49	125.54
61.2	173.46	22.58	10.79	82.82	0.6	0	0.33	0	132.36	117.35	104.67
56.9	180.19	19.63	11.21	77.08	0.51	0	0.34	0	130.82	114.91	122.54
58.06	178.74	24.21	12.29	58.11	0.55	0	0.35	0	132.11	121.12	124.06
58.35	204.99	24.02	13.04	58.98	0.52	0	0.38	0	131.4	122.89	131.12
66.31	242.7	24.25	13.47	63.25	0.57	0	0.32	0	134.96	110.69	129.85
64.77	235.31	21.54	14.14	71.68	0.47	0	0.3	0	135.62	96.73	129.06
63.36	282.12	18.47	15.43	84.56	0.55	0	0.38	0	132.29	96.13	129.78
61.97	273.55	19.52	16.5	91.87	0.54	0	0.38	0	135.04	108.19	141.7
61.21	256.97	17.29	16.46	87.44	0.49	0	0.43	0	134.75	105.97	134.86
57.85	261.27	15.81	17.5	86.46	0.51	0	0.47	0	136.4	118.96	141.38
55.16	265.37	19.75	17.53	104.5	0.62	0	0.57	0	141.72	143.35	143

52.17	248.85	21.51	22.53	96.61	0.58	0	0.63	0	137.52	136.4	138.65
57.65	266.73	23.06	19.96	96.83	0.53	0	0.69	0	141.21	137.57	145.21
62.06	255.1	25.36	21.82	92.23	0.6	0	0.68	0	140.11	128.76	141.48
60.09	249.09	27.83	24.52	96.34	0.61	0	0.69	0	144.24	137.42	140.34
55.61	268.58	27.71	25.82	93.36	0.68	0	0.64	0	140.37	139.41	144.34
55.35	274.09	30.11	29.57	104.28	0.8	0	0.66	0	144.54	152.6	150.6
54.33	286.36	33.42	30.5	99.88	0.68	0	0.69	0	142.65	158.32	155.66
56.53	282.58	31.38	28.5	103.66	0.77	0	0.69	0	152.12	143.79	146.67
56.29	276.24	26.39	30.45	103.77	0.73	0	0.74	0	131.17	140.16	151.79
56.25	274.63	29.32	32.89	102.69	0.8	0	0.82	0	131.14	145.21	152.17
56.24	275.79	31.54	32.24	105.73	0.68	0	0.67	0	128.38	149.96	153.86
55.61	267.06	33.89	32.41	103.77	0.76	0	0.67	0	127.15	146.87	152.29
54.73	272.68	28.88	32.93	95.34	0.63	0	0.63	0	126.98	142.78	150.72
54.85	249.27	29.87	33.91	91.28	0.63	0	0.61	0.01	114.04	148.55	151.67
55.73	253.83	29.83	36.01	102.13	0.66	0	0.6	0.01	116.86	136.55	139.58
54.72	238.22	24.73	36.14	106.9	0.65	0	0.57	0.01	109.45	119.23	134.49
47.79	239.8	26.99	38.5	103.38	0.67	0	0.58	0.01	114.41	116.02	128.43
46.06	202.59	31.89	31.31	100.82	0.71	0	0.55	0.01	114.59	122.95	110.52
48.39	201.61	29.25	32.03	102.64	0.65	0	0.48	0.01	115.4	110.55	104.48
47.88	201.95	25.16	30.71	107.47	0.65	0	0.54	0.01	111.99	106.11	106.05
47.16	199.91	33.39	31.52	108.82	0.72	0	0.53	0.09	115.88	114.56	109.2
48.31	191.54	38.78	36.17	112.98	0.64	0	0.57	0.13	119.84	137.31	105.33
45.54	192.11	36.96	39.12	114.2	0.55	0	0.55	0.16	123.52	133.75	107.44
47.33	200.41	27.13	43.64	112.33	0.53	0	0.53	0.23	119.86	148.93	117.63
48.16	183.2	37.46	45.72	118.28	0.67	0	0.78	0.35	126.71	195.74	107.43
48.24	184.72	39.29	46.25	120.9	0.59	0	0.68	0.42	123.84	213.92	119.77
47.11	178.26	41.29	47.5	120.71	0.68	0	0.74	0.5	124.54	221.51	117.99
48.02	180.3	38.72	48.75	135.84	0.69	0	0.69	0.06	119.49	220.34	121.38
46.25	165.81	37.52	47.48	119.33	0.82	0	0.67	0.06	114.09	254.19	117.95
45.67	162.77	38.11	55.26	123.62	0.73	0	0.89	0.07	120.48	233.12	111.8
49.67	167.08	37.68	55.78	131.79	0.99	0	0.95	1.57	114.14	241.96	108.64
53.33	169.58	33.34	61.11	133.71	0.98	0	1.06	2.26	108.89	234.18	116.14
59.6	168.81	22.8	61.34	128.47	1.01	0	0.94	1.02	108.54	223.66	112.09
66.07	188.16	26.52	60.06	125.38	0.98	0	0.91	5.45	104.66	221.36	116.45
65.48	186.66	32.86	65.36	129.56	0.9	0	0.86	4.9	112.98	228.68	106.22
66.31	177.04	28	67.48	125.05	0.92	0	0.79	4.16	109.46	200.14	113.1
64.27	177.18	26.24	62.36	131.74	0.98	0	0.8	4.73	108.87	215.33	106.79
60.26	183.88	24.21	61.68	135.21	1.09	0	0.82	5.22	109.1	211.79	108.74
63.08	192.19	22.56	64.59	136.27	1.12	0	0.86	5.24	106.42	226.63	109.4
56.79452	160.3288	20	64.79452	199.3425	1.013699	0	0.60274	2.520548	107.8356	192.8767	112.4384
58.9863	159.8356	23.23288	67.56164	192.9315	0.986301	0	0.684932	0.60274	107.4795	203.2055	115.0137
58.9589	171.589	21.09589	70.9589	191.7534	0.90411	0	0.547945	3.616438	102.4932	202.1096	114.7671
59.80822	176.3836	24.27397	73.15068	179.2877	0.90411	0	0.630137	3.369863	107.2603	208.9863	118.9041
42.68	9.14	0.54	0.93	3.32	0	0	4.05	0	8.27	145.53	8.38
42.9	9.37	0.62	1.02	3.39	0	0	7.03	0	8.63	174.25	8.01
43.25	10.7	0.8	1.05	3.21	0.01	0	6.01	0	9.31	171.58	9.92
42.93	10.47	0.79	1.09	4.06	0	0	6.83	0	9.15	175.75	9.81
42.58	10.02	0.6	1.12	5.83	0	0	5.02	0	9.25	170.79	10.95
44.04	10.92	0.58	1.12	6.3	0	0	6.86	0	11	161.75	15.5

44.88	15.57	0.52	1.12	6.05	0	0	7.6	0	15.02	159.17	16.02
45.53	14.02	0.48	1.1	6.84	0	0	6.37	0	12.62	149.98	15.95
46.47	13.95	0.5	1.13	8.88	0	0	7.69	0	13.2	155.28	16.86
47.46	14.86	0.58	1.14	9.19	0	0	7.71	0	13.72	146.67	17.97
48.4	17.1	0.54	1.13	5.84	0	0	6.28	0	13.42	132.12	17.36
50.1	15.43	0.44	1.17	5.42	0	0	7.79	0	10.81	109.97	13.64
51.75	16.48	0.5	1.19	6.32	0	0	7.56	0	11.37	107.62	15.48
51.75	15.83	0.79	1.22	10.36	0	0	7.1	0	11.19	116.26	8.55
54.53	16.45	0.63	1.34	10.16	0	0	8.23	0	10.06	130.15	13.47
56	21.08	0.68	1.4	9.09	0	0	7.43	0	10.04	128.9	13.12
54.21	18.91	0.95	1.5	12.13	0	0	5.78	0	10.54	127.67	10.7
54.99	19.78	0.46	1.61	10.24	0	0	4.18	0	11.27	125.18	4.31
51.98	28.8	0.62	1.76	9.84	0	0	5.09	0	11.2	131.89	12.89
56.22	33.72	0.44	1.81	10.51	0	0	4.55	0	10.26	128.94	13.32
59.69	34.66	0.46	1.93	8.8	0.01	0	4.21	0	10.45	129.25	15.46
62.82	33.84	0.36	1.92	9.34	0	0	3.98	0	10.74	128.76	14.26
68.69	42.08	0.39	1.9	11.21	0	0	1.96	0	9.16	125.71	15.93
65.99	38.74	0.34	1.94	10.25	0	0	2.73	0	8.68	127.96	12.99
65.6	47.21	0.48	1.89	10.01	0.01	0	4.32	0	10.96	126.87	15.86
66.04	42.79	0.45	2.08	10.1	0.01	0	7.58	0	11.87	125.22	26.82
70.75	45.94	0.54	2.28	10.6	0	0	7.42	0	12.36	125.36	29.87
73.26	45	0.6	2.31	9.85	0	0	7.72	0	17.68	126.94	28.92
74.1	46.24	0.81	2.34	9.47	0	0	7.93	0	17.59	126.93	23.7
75.01	47.99	0.57	2.36	8.53	0	0	10.01	0	19.69	135.52	32.71
76.03	47.76	0.66	2.31	8.19	0.01	0	11.86	0	17.1	131.85	21.74
76.71	42.85	0.63	2.3	8.4	0.01	0	11.57	0	17.72	133.4	24.32
77	46.33	0.59	2.42	7.57	0	0	11.27	0	16.73	131.27	26.51
76.7	43.21	0.7	2.42	7.74	0.03	0	12.98	0	20.39	141.68	17.56
78.82	43.85	0.76	2.43	7.89	0.01	0	13.86	0	21.38	157.67	27.38
90.38	45.56	0.95	2.62	3.75	0.01	0	14.02	0	16.99	156.4	6.61
80.67	46.58	1.35	2.65	9.13	0.01	0	13.09	0	24.11	159.21	11.6
80.87	46.3	0.6	2.11	10.52	0.01	0	11.93	0	24.38	164.92	22.4
79.84	48.11	0.47	2	11.01	0.03	0	12.2	0	20.86	161.96	25.98
93.08	47.65	0.51	2.41	11.91	0.02	0	11.38	0	27.7	161.32	29.03
92.33	46.25	0.48	2.44	14.22	0	0	13.99	0	21.35	160	21.32
93.43	47.27	0.45	3	14.23	0	0	14.82	0	21.33	162.03	22.33
90.64	47.22	0.42	3.04	15	0	0	15.66	0	26.21	142.95	24.52
96.39	48.12	0.39	2.96	9.75	0	0	16.58	0	28.21	153.43	18.77
96.98	47.42	0.4	3.06	15.8	0.02	0	9.75	0	28.54	157.27	23.83
97.72	44.76	0.39	3.04	17.77	0	0	14.28	0	24.01	152.82	28.54
101.25	47.8	0.42	3.39	18.61	0.01	0	17.56	0	25.71	159.29	16.77
101.51	46.88	0.43	3.49	19.9	0.01	0	17.72	0	25.66	153.49	18.19
101.96	46.43	0.34	3.64	16.8	0	0	15.49	0	24.62	159.8	19.7
106.95	47.03	0.34	3.71	18.88	0	0	8.54	0	23.33	151.57	22.78
108.95	48.11	0.36	3.78	18.44	0	0	6.06	0	24.15	151.98	26.1
107.89	49.27	0.4	4.2	17.55	0	0	5.4	0	25.68	159.99	30.1
85.84	37.07	0.37	3.98	20.25	0	0	5.19	0	22.45	160.13	15.4
101.7534	45.83562	0.273973	5.068493	29.91781	0.027397	0	3.726027	0	24.43836	141.5068	8.109589
102.2192	46.13699	0.438356	4.90411	17.0411	0	0	3.726027	0	18.21918	141.726	9.013699

103.3973	46.43836	0.465753	5.205479	17.20548	0	0	3.753425	0	17.17808	138.4658	9.753425
103.5068	46.30137	0.465753	6.273973	17.36986	0	0	3.753425	0	18.49315	138.5753	8.630137
58.96	160.52	13.89	7.84	14.67	0.11	0	0.63	0.02	70.04	72.05	69.24
60.49	159.72	16.95	8.32	14.65	0.1	0	0.5	0	73.15	79.17	69.92
60.22	160.27	18	8.43	15.78	0.11	0	0.68	0	73.98	79.13	71.51
60.47	155.13	17.92	8.6	15.63	0.09	0	0.59	0	76.58	76.4	74.99
59.63	146.71	13.92	9.07	17.38	0.07	0	0.77	0	79.07	82.89	74.81
57.78	184.91	14.43	9.18	18.3	0.11	0	0.78	0	79.9	78.27	78.38
58.03	193.19	16.03	9.25	19.14	0.11	0	0.74	0.02	83.66	78.54	80.05
57.06	192.01	16.27	9.31	18.99	0.15	0	0.78	0.01	88.57	78.46	81.02
56.37	197.36	17.8	9.41	19.77	0.15	0	2.69	0.01	91.74	72.69	80.66
55.45	202.95	18.52	9.77	19.51	0.15	0	2.76	0.01	95.65	73.86	83.64
55.19	207.45	16.96	10.1	19.11	0.17	0	2.79	0.01	92.19	89.61	85.35
56.58	237.53	20.14	10.38	17.98	0.16	0	2.55	0.01	96.75	102.54	87.96
57.2	240.22	21.46	11.04	19.11	0.19	0	2.88	0.01	103.83	92.37	93.27
59.76	262.33	19.85	11.68	20.17	0.19	0	2.56	0.02	102.72	96.99	93.28
66.03	241.59	21.88	12	20.76	0.18	0	2.34	0.02	114.17	83.61	92.61
72.47	253.42	20.32	12.67	18.87	0.2	0	2.03	0.02	111.89	76.91	91.33
76.08	259.07	18.46	13.15	19.86	0.25	0	1.6	0.03	110.31	86.96	93.45
75.98	264.51	26.63	13.73	17.89	0.31	0	3.88	0.05	116.53	104.75	97.21
75.28	266.16	30.01	14.49	20.26	0.31	0	1.6	0.05	118.45	114.06	100.28
79.8	316.09	29.77	15.92	21.3	0.56	0	3.21	0.11	120.67	105.49	103.4
83.78	278.88	23.12	17.04	23.42	0.58	0	3.79	0.13	126.22	98.69	116.88
84.3	261.66	28.59	17.41	19.99	0.64	0	4.78	0.13	118.61	107.7	119.54
88.15	251.32	23.1	17.9	22.18	0.56	0	1.81	0.08	109.36	116.73	115.59
85.96	245.77	27.17	18.52	23.54	0.65	0	2.86	0.07	123.08	122.95	115
81.7	273.63	25.61	20.4	24.07	0.76	0	1.6	0.07	121.36	113.04	114.77
79.06	251.32	24.86	23.14	21.28	0.75	0	1.79	0.06	123.43	120.27	101.15
77.45	240.81	24	22.85	16.74	0.81	0	1.44	0.1	119.67	114.78	99.07
77.85	229.84	22.63	23.03	21.61	0.95	0	1.38	0.18	119.99	126.94	100.34
71.65	229.94	25.47	21.71	21.47	0.86	0	1.56	0.26	125.69	133.69	102.46
70.67	244.88	29.82	25.09	19.37	1.07	0	1.82	0.29	133.27	134.28	103.91
74.61	216.15	28.28	28.71	16.68	1.12	0	2.05	0.23	126.63	136.9	104.35
76.34	250.91	28.07	30.69	21.44	0.97	0	1.72	0.21	128.07	139.59	103.53
74.68	268.02	26.27	34.76	23.42	0.92	0	2.54	0.18	130.08	125.23	103.11
79.86	250.08	26.71	36.59	23.61	1.02	0	2.24	0.31	127.95	113.72	111.45
75.62	236.01	27.86	39.77	22.01	1.12	0	1.97	0.44	126.25	114.74	101.33
73.24	238.06	27.86	39	23.79	1.09	0	2.29	0.43	127.98	120.2	99.96
75.21	245.16	29.35	44.23	24.51	1.11	0	2.07	0.45	121.28	143.25	97.82
79.78	251.91	28.75	48.11	24.81	1.22	0	3.89	0.23	124.92	149.21	97.04
81.56	268.62	33.2	50.54	25	1.26	0	4.17	0.28	125.91	174.55	96.26
85.35	275.33	36.74	53.3	25.77	1.08	0	4.68	0.63	128.72	160.45	95.53
87.05	285.25	37.47	55.69	27.17	1.08	0	5.33	0.3	131.44	172.8	97.25
87.99	284.73	34.27	59.44	27.34	1.06	0	4.66	0.43	133.1	167.88	95.56
84.92	285.64	39.77	61.04	28.74	1.26	0	5.75	0.43	134.55	176.19	95.48
84.9	284.63	37.6	63.89	27.74	1.19	0	5.99	0.4	132.62	172.48	93.28
84.73	287.89	38.39	68.36	28.48	1.39	0	5.56	0.44	127.03	168.37	92.44
86.1	281.27	37.89	69.1	28.53	1.37	0	5.39	0.5	131.19	169.45	92.75
86.93	288.49	41.01	70.3	28.15	1.33	0	5.45	0.54	132.79	175.95	92.96

88.11	287.82	38.6	70.89	27.1	1.2	0	5.8	0.47	132.12	174.87	90.4
88.67	286.22	35.9	71.17	27.63	1.02	0	4.73	0.48	134.96	153.52	91.25
87.97	279.86	36.29	72.14	27.37	1.13	0	3.84	0.53	133.88	155.73	93.08
85.21	287.37	34.79	73.56	28.29	1.34	0	4.48	0.52	133.61	148.07	94.48
84.86	293.98	40.35	74.11	27.19	1.24	0	4.45	0.38	135.91	161.94	94.41
86.33	290.24	37.51	75.4	28.05	1.41	0	3.97	0.56	131.59	153.44	96.17
83.94521	287.4247	36.93151	76.24658	42.9589	1.123288	0	5.013699	0.438356	136.0822	155.726	95.61644
85.28767	300.6849	37.58904	78.0274	42.49315	1.369863	0	4.986301	0.465753	137.9178	164.3562	91.94521
85.75342	305.0959	37.94521	79.91781	44.13699	1.589041	0	4.712329	0.465753	132.4658	174.8219	94.79452
87.61644	296.7945	38	81.56164	44.76712	2.465753	0	4.90411	0.493151	134.1096	191.0411	92.60274
100.58	396.98	139.8	11.06	33.95	0.02	0	2.05	0	48.18	296.11	443.11
97.76	392.86	127.2	7.12	31.21	0.03	0	1.91	0	42.74	264.06	448.7
101.76	407.58	121.49	6.43	25.98	0.02	0	2.02	0	40.18	259.22	466.99
96.34	392.06	111.38	5.45	23.1	0.02	0	2.17	0	40.75	247.93	468.54
91.72	382.53	110.26	4.21	19.57	0.02	0	1.91	0	45.44	229.26	481.42
90.98	385.94	124.44	4.92	23.22	0.03	0	1.75	0	44.99	216.95	481.42
88.11	402.21	119.83	5.12	22.39	0.03	0	2.11	0	53.91	237.42	450.49
78.12	407.37	118.66	4.34	20.58	0.05	0	2.15	0	49.24	272.7	460.44
79.14	421.49	122.24	4.79	21.38	0.06	0	1.71	0	44.3	270.45	440.05
80.92	417.87	136.43	4.78	15.63	0.06	0	2.41	0	40	305.4	427.95
82.96	437.16	141.3	6.04	21.24	0.06	0	2.58	0	39.49	321.99	420.53
86.3	444.65	155.67	7.19	21.79	0.1	0	3.04	0	35.91	359.9	430.27
89.16	439.42	168.19	8.52	20.02	0.1	0	3.19	0	41.41	358.57	423.2
91.48	461.97	173.2	10.63	19.61	0.12	0	3.1	0.01	46.7	372.7	414.42
93.54	460.67	166.58	13.24	21.2	0.13	0	3.47	0	51.14	411.13	410.18
97.67	456.26	172.86	13.63	19.78	0.14	0	2.95	0.01	61.53	425.71	397.72
99.9	455.83	182.61	13.74	16.67	0.12	0	3.5	0.02	51.43	464.66	404.91
101.95	459.83	186.93	13.6	18.13	0.13	0	4.06	0.02	48	493.39	404.93
103.49	466.23	190.87	15.34	16.5	0.12	0	4.09	0.02	45.56	519.55	411.94
109.89	464.53	182.39	16.73	16.79	0.12	0	4.39	0.02	47.54	551.7	394.13
113.01	463.05	185.93	18.72	17.19	0.17	0	4.85	0.02	47.36	594.54	387.78
115.42	464.38	184.98	17.46	16.49	0.18	0	6.19	0.03	48.5	611.08	391.68
105.6986	552.7671	180.8493	18.19178	31.15068	0.191781	0	5.342466	0.136986	53.89041	632.6575	388.9863
105.6712	577.7534	182.6301	18.19178	30.63014	0.191781	0	5.39726	0.109589	54.38356	667.0137	393.3151
104.3288	573.589	182.3562	17.56164	31.0137	0.246575	0	5.753425	0.164384	54.27397	641.2055	389.0137
105.5616	565.4521	178.4658	18.46575	32.54795	0.30137	0	4.739726	0.082192	53.26027	620.6301	393.2877
38.07	116.91	5.25	1.26	12.93	0	0	3.89	0	13.98	308.45	3.95
43.04	116.62	6.12	1.24	12.24	0.01	0	3.82	0	16.36	326.25	4.33
44.31	117.57	5.8	1.21	17.74	0	0	3.7	0	18.77	320.77	5.99
44.17	115.13	6.53	1.19	15.24	0	0	3.65	0	18.69	306.61	5.32
45.57	113.85	6.32	1.21	16.27	0	0	3.61	0	17.76	292.94	5
41.66	114.7	6.79	1.25	18.19	0	0	3.25	0	17.94	280.25	6.18
44.41	114.7	6.69	1.32	15.37	0	0	2.98	0	20.2	275.27	13.68
43.04	113.94	6.9	1.37	16.28	0	0	5.79	0	17.8	278.35	7.8
31.75	110.61	6.81	1.43	16.67	0.01	0	7.9	0	15.94	269.45	12.96
32.76	109.32	7.13	1.48	17.22	0.01	0	9.3	0	20.23	245.24	11.95
30.25	107.9	7.49	1.55	20.02	0	0	9.16	0	16.9	231.76	11.06
34.75	109.93	7.44	1.51	18.89	0	0	8.93	0	21.57	198.64	12.24
31.11	116.35	6.4	1.49	17.46	0	0	9.25	0	19.56	182.35	14.77

28.82	81.52	6.15	1.54	15.09	0	0	7.15	0	17.41	191.15	12.51
32.74	84.74	5.02	1.6	15.46	0.01	0	5.79	0	16.65	192.66	8.84
32.96	82.91	5.32	1.65	15.44	0	0	4.52	0	18.17	185.86	9.18
34.59	87.97	5.76	1.69	13.03	0	0	5.03	0	17.32	185.55	13.26
37.84	87.18	5.66	1.77	8.49	0	0	5.44	0	16.97	186.63	12.05
40.66	92.21	6.07	1.82	12.14	0	0	6.1	0	17.85	173.64	11.21
40.24	88.07	5.95	1.83	18.15	0	0	4.29	0	12.93	158.27	6.37
42.87	88.69	5.82	1.79	16.18	0	0	5.78	0	12.16	149.43	10.26
43.08	96.32	5.69	1.75	10.51	0	0	5.99	0	13.94	176.94	12.41
39.16	115.25	5.56	1.75	7.51	0	0	6.43	0	16.57	182.1	14.39
32.54	74.59	5.42	1.8	7.68	0	0	4.23	0	13.06	167.92	25.9
32.57	110.69	5.73	1.73	16.69	0	0	5.37	0	24.19	165	13.47
50.35	68.58	5.49	1.73	13.28	0	0	5.06	0	17.65	169.1	14.09
48.79	70.43	5.75	1.73	13.73	0	0	4.33	0	12.67	164.16	17.68
50.57	72.57	6.82	1.67	25	0	0	4.56	0	13.36	152.57	20.38
49.6	71.49	6.59	1.69	30.23	0	0	4.45	0	19.3	145.54	13.23
50.43	69.93	5.92	1.75	29.22	0	0	4.61	0	24.02	148.76	11.7
50.53	70.61	5.98	1.73	25.46	0	0	5.09	0	15.47	147.29	28.98
51.34	70.56	7.06	1.7	26.57	0	0	6.16	0	14.78	165.63	18.33
46.42	68.82	6.43	1.71	26.81	0	0	4.2	0	16.92	143.08	18.84
39.08	63.74	6.32	1.68	26.88	0	0	4.73	0	15.68	204.1	16.68
41.52	68.87	5.91	1.67	24.73	0.01	0	3.58	0	18.46	181.08	13.2
41.99	66.2	5.84	1.62	22.83	0	0	4.17	0	24.13	168.09	15.96
45.44	69.64	5.76	1.61	25.54	0.01	0	8.4	0	18.16	176.41	19.21
47.2	69.1	5.57	1.6	25.63	0.01	0	8.94	0	22.22	168.15	13.97
45.08	69.45	7.07	1.6	21.82	0.01	0	6.19	0	17.24	170.99	17.43
42.73	68.43	5.18	1.54	24.42	0.01	0	9.48	0	20.18	177.31	16.62
42.94	67.15	5.96	1.49	21.71	0	0	8.93	0	19.47	172.91	15.94
41.57	65.87	5.99	1.45	24.88	0	0	12.03	0	20.57	167.16	18.24
41.02	67.82	5.82	1.44	19.46	0	0	8.99	0	19.61	166.14	18.88
40.43	63.79	6.11	1.43	19.28	0	0	8.66	0	23.09	171.55	12.05
39.82	62.67	7.06	1.4	20.7	0	0	8.36	0	25.09	149.97	17.32
39.5	63.21	9.19	1.32	17.37	0	0	8.08	0	25.18	163.42	20.82
39.25	62.15	14.05	1.32	19.25	0	0	8.96	0	24.91	161.25	25.89
39.04	61.84	8.17	1.29	25.71	0	0	8.42	0	22.42	159.47	25.95
38.92	61.44	9.54	1.26	25.57	0	0	7.34	0	21.26	157.82	28.88
39.21	61.55	9.24	1.24	25.23	0	0	7.55	0	25.3	160.74	28.74
39	59.78	8.92	1.22	24.36	0	0	7.34	0	27.92	165.45	25.53
38.33	58.29	9.02	1.19	27.56	0	0	7.51	0	30.47	177.58	24.75
37.49	56.63	8.93	1.16	29.63	0	0	7.29	0	29.05	172.12	25.38
38.57534	60.08219	6.794521	1.424658	57.45205	0	0	7.123288	0	26.93151	178.7671	17.78082
88.71233	99.47945	5.945205	1.315068	39.39726	0	0	7.123288	0	25.06849	167.589	18.30137
92.10959	98.9589	5.945205	1.342466	39.0137	0	0	7.068493	0	25.80822	165.0137	20.63014
94.38356	111.2603	6.356164	1.232877	46.08219	0	0	7.013699	0	25.31507	154.4384	13.58904
83.82	207.59	227.32	6.93	26.16	0.11	0	0.49	0	75.58	307.11	354.49
84.61	235.54	193.66	6.81	18.53	0.05	0	0.5	0	96.36	300.64	352.72
81.87	232.58	216.17	7.3	20.25	0.07	0	0.55	0	98.78	309.69	358.47
72.17	224.27	199.29	7.78	21.76	0.04	0	0.53	0	88.77	300.81	377.34
72.68	243.42	172.3	8.23	20.37	0.06	0	0.93	0	82.11	307.57	380.04

77.9	248.8	196.54	11.15	23.17	0.1	0	0.61	0	78.96	308.02	392.16
80.24	216.45	168.21	12.73	22.44	0.07	0	0.57	0	83.99	287.92	384.83
87.79	219.84	165.37	13.97	21.87	0.07	0	0.44	0	82.08	274.86	385.66
82.93	231.69	135.53	15.77	21.04	0.12	0	0.61	0	103.1	275.34	380.46
84.37	249.09	153.33	15.99	16.19	0.14	0	0.59	0	100.96	273.9	373.84
79.11	217.14	186.77	13.13	19.2	0.17	0	0.58	0	107.4	265.16	388.36
71.82	242.5	161.39	18.04	19.44	0.07	0	0.44	0	110.97	262.6	397.51
53.41	232.94	119.45	16.07	16.72	0.04	0	0.42	0	88.62	249.67	416.09
90.84	245.08	171.55	16.51	24.88	0.03	0	0.61	0	89.05	246.33	410.93
79.72	211.84	156.53	11.49	18.32	0.02	0	0.63	0	83.64	254.94	381.89
70.74	218.94	145.53	9.85	18.03	0.05	0	0.43	0	94.57	252.27	402.5
64.63	222.92	185.67	11.54	20.41	0.13	0	0.28	0	99.24	250.44	372.79
66.25	228.34	199.1	14.96	20.76	0.1	0	0.32	0	104.01	321.01	354.24
66.4	246.25	146.06	19.85	20.32	0.11	0	0.62	0	103.54	366.85	378.42
65.45	257.2	172.53	27.42	23.44	0.23	0	0.66	0	104.56	346.88	373.46
73.18	256.83	197.85	31.81	23.03	0.19	0	0.73	0	102.25	359.43	374.64
74.31	244.86	161.93	28.95	24.8	0.18	0	0.58	0	96.3	343.52	366.3
76.4	222.22	119.92	20.47	23.93	0.18	0	0.82	0.01	92.45	328.5	359.8
73.52	217.37	199.69	17.11	24.61	0.13	0	0.77	0	99.25	316.07	351.48
68.32	223.47	173.08	16.46	23.05	0.08	0	0.74	0	91.72	239.37	345.59
68.44	219.81	143.85	16.2	23.57	0.1	0	0.35	0	98.83	241.81	370.01
69.67	230.05	127.53	21.62	22.29	0.12	0	0.43	0	103.41	250.04	373.01
76.6	223.77	165.31	23.14	21.95	0.07	0	0.33	0	101.05	266.26	350.88
84.47	240	155.4	22.65	19.97	0.13	0	0.31	0	106.12	270.09	338.69
89.23	255.62	140.95	24.44	19.65	0.14	0	0.4	0.01	106.23	252.39	345.19
86.63	263.86	140.65	26.93	21.36	0.15	0	0.35	0	106.41	277	347.24
85.32	289.39	170.28	39.98	20.96	0.1	0	0.48	0.01	118.56	247.68	341.27
93.11	308.47	150.8	47.06	18.67	0.13	0	0.74	0.01	118.19	297.73	328.98
98.44	307.93	144.81	55.54	21.24	0.15	0	0.4	0.01	119.45	323.78	325.89
105.99	330.5	137.26	57.82	17.49	0.17	0	0.68	0.01	121.92	316.36	320.18
109.98	341.03	126.02	60.69	20.18	0.19	0	1.25	0.01	124.17	328.56	309.7
115.96	324	158.56	60.37	19.89	0.19	0	1.25	0.02	126.17	251.68	296.44
114.89	326.32	138.4	64.96	17.99	0.14	0	1.47	0.02	128	256.49	302.77
112.47	306.58	151.72	65.72	18.44	0.16	0	1	0.01	130.64	255.22	304.34
113.87	310.61	148.33	72.19	18.68	0.19	0	1.09	0.02	125.34	271.71	304.37
109.98	301.76	183.03	76.65	19.47	0.17	0	1.43	0.01	121.7	265.12	313.07
111.54	296.39	199.85	72.61	19.35	0.14	0	1.97	0.02	123.99	278.19	316.19
115.96	306.27	163.56	73.32	20.32	0.18	0	1.79	0.02	116.6	296.64	308.98
114.59	277.89	169.05	80.37	22.58	0.16	0	1.67	0.03	119.39	288.11	310.81
118.59	281.13	164.42	79.74	22.76	0.25	0	0.72	0.04	119.49	278.85	311.37
121.61	285.62	169.05	90.98	23.67	0.18	0	3.84	0.04	119.08	273.61	304.4
125.12	257.82	143.89	93.81	24.54	0.23	0	3.28	0.05	129.22	208.35	287.04
126.92	286.59	143.93	91.34	26.35	0.4	0	2.44	0.06	130.36	218.64	282.89
121.89	261.68	137.04	85.29	25.42	0.22	0	1.79	0.06	130.42	210.71	283.7
124.34	262.78	160.25	89.9	22.04	0.19	0	3.57	0.07	133.08	179.77	289.79
121.45	279.45	179.23	98.39	22.35	0.21	0	2.37	0.08	133.37	188.34	294.65
126.79	308.44	171.98	98.37	24.65	0.23	0	3.12	0.1	132.6	197.4	299.77
137.36	321.7	169.38	100.05	24.24	0.23	0	4.1	0.12	131.06	196.6	286.95
127.3151	242.3288	151.6438	98.43836	36.16438	0.273973	0	4.30137	0.410959	132.5753	200.137	293.7808



128.7671	248.8493	148.5205	97.86301	36.30137	0.356164	0	3.479452	0.465753	132.6027	179.5342	289.2055
133.2603	254.0822	162.3288	101.2329	37.39726	0.465753	0	3.945205	0.493151	131.4521	190.5479	294.8219
130.1644	263.5616	172.274	99.61644	36.32877	0.410959	0	4.493151	0.520548	131.863	196.8493	297.7534
8.1	6.8	34.31	2.82	115.48	0.14	1.01	0.84	11.8	7.18	243.01	57.21
9.95	6.85	30.87	2.89	131.55	0.16	1	0.87	12.13	6.78	225.21	63.8
16.4	6.88	27.19	2.94	151.93	0.15	1.18	0.89	13.46	7.25	200.67	70.26
20.97	6.79	28.59	2.99	168.77	0.14	1.54	1.07	13.91	8.24	179.85	75.23
23.44	6.7	32.43	3.07	175.87	0.16	1.51	0.92	11.65	8.83	186.4	89.82
24.95	6.61	33.2	3.08	183.96	0.15	1.84	0.92	15.33	9.19	181.5	88.65
25.82	6.49	32.82	3.15	178.31	0.15	1.79	0.92	15.38	8.24	180.51	87.74
24.87	6.02	30.82	3.18	174.54	0.16	1.74	0.86	14.32	9.13	183.72	87.2
23.64	6.06	32.62	3.23	169.13	0.19	2.03	0.95	13.48	9.05	182.18	84.99
23	6.15	36.76	3.24	191.31	0.19	1.74	0.91	14.39	8.87	149.48	88.92
25.67	6.21	33.03	3.32	193.72	0.17	2.26	1	14.55	8.69	160.1	90.48
27.63	6.26	35.49	3.46	192.21	0.16	2.59	0.98	12.4	9.39	144.17	99.27
27.33	6.54	42.57	3.5	195.45	0.16	2.17	0.99	14.04	10.3	155.44	100.15
26.86	6.64	36.65	3.63	195.29	0.15	2.28	0.93	12.43	9.74	151.64	106.18
26.96	6.7	33.77	3.65	196.17	0.14	2.48	0.83	11.91	9.72	152.78	114.35
26.45	7.12	27.36	3.87	195.38	0.14	2.32	0.85	11.37	10.18	148.23	119.46
26.37	7.41	32.7	4.15	198.25	0.16	3.41	0.87	10.99	12.07	152.17	120.49
28.08	8.45	36.01	4.33	207.18	0.36	3.86	0.89	11.03	12.65	162.41	141.48
33.95	8.18	32.53	4.42	210.38	0.3	3.6	0.77	10.87	13.96	161.31	146.47
37.28	8.28	27.14	4.58	207.44	0.3	3.68	0.83	11.32	15.54	154.06	160.16
38.46	8.68	25.78	4.69	206.06	0.24	3.16	0.87	11.69	15.37	171.08	171.43
40.4	9.92	26.55	4.85	230.08	0.2	3.14	0.85	10.96	19.48	180.88	180.41
41.34	10.45	26.66	5.04	236.23	0.2	3.37	0.86	10.6	18.04	199.3	191.73
44.56	11.29	29.19	5.07	234.68	0.21	3.62	0.84	10.43	19.37	219.51	199.05
49.65	12.37	27.4	5.24	233.53	0.22	3.68	0.86	10.2	21.1	229.85	203.52
51.15	13.68	23.51	5.83	228.85	0.22	3.31	0.87	11.32	19.64	261.41	206.36
54.15	14.5	24.96	6.68	224.24	0.25	2.85	0.97	11.27	21.27	267.25	206.28
57.84	15.56	29.22	7.89	218.74	0.28	3.4	1.13	11.35	23.63	279.31	203.98
59.87	15.12	29.42	8.1	215.78	0.25	3.82	1.08	10.36	20.61	277.71	207.19
62.77	16.06	37.36	8.86	222.75	0.28	3.52	1.19	10.47	20.77	280.49	211.61
66.03	17.25	33.22	10.47	200.16	0.31	5.13	1.58	9.06	23.28	282.03	212.56
70.93	17.79	39.58	11.8	200.46	0.32	7.06	1.63	10.28	20.61	311.42	214.47
74.21	17.7	38.7	14.53	203.9	0.33	8.68	1.73	12.84	15.91	359.43	216.8
79.66	19.39	34.21	16.05	204.46	0.28	9.3	1.82	15.11	17.51	389.21	214.2
83.13	20.62	40.49	19.31	209.68	0.28	9.27	1.81	13.02	19.93	413.92	214.54
83.94	21.74	44.67	19.37	210.75	0.47	9.9	1.84	13.17	22.03	458.13	212.76
88.86	21.55	66.12	22.01	212.06	0.48	9.71	2.16	15.86	24.5	484.35	210.83
94.56	22.15	81.45	24.02	213.45	0.47	12.3	2.43	12.59	24.03	499.41	209.64
96.93	23.92	77.95	26.24	213.52	0.45	13.93	2.66	9.99	18.81	551.3	206.3
102.64	26.14	89.64	27.89	213.56	0.42	14.84	2.9	11.29	17.36	663.91	200.68
102.84	29.95	87.43	26.91	212.28	0.39	15.32	2.82	11.12	18.13	693.13	197.09
105.04	36.11	96.25	27	210.92	0.35	16.44	3.3	9.88	17.43	742.88	191.75
109.75	44.94	95.63	27.98	208.45	0.36	18.15	3.34	10.27	19	742.64	188.24
110.72	56.58	107.5	27.57	207.38	0.43	19.82	3.73	10.42	18.23	749.79	186.73
113.66	63.75	106.14	29.32	207.53	0.37	19.82	4.04	11.22	18.52	771	184.99
117.31	72.33	80.14	30.05	207.26	0.33	19.78	4.5	10.96	18.74	796.04	184.13

119.77	77.32	94.92	32.05	206.02	0.38	20.28	4.91	10.64	19.36	820.15	180.95
124.81	77.96	102.8	33.89	211.17	0.45	20.64	5.81	10.76	19.09	860.37	176.19
128.09	81.32	102.99	34.89	211.78	0.39	21.47	6.49	11.09	19.48	873.24	170.12
132.37	85.11	112.58	35.15	212.46	0.55	22.52	7.48	11.4	19.45	901.98	171.15
132.22	86.74	112.92	35.71	217.1	0.47	23.4	7.99	10.75	20.23	917.88	172.68
137.79	90.8	112.03	37.37	212.89	0.51	25.46	8.24	10.68	20.36	945.43	172.62
141.51	91.27	111.65	37.61	212.2	0.49	25.31	8.22	10.62	20.29	960.07	172.87
142.0274	78.9589	113.4247	34.46575	333.4795	0.821918	0	7.890411	10.32877	20.68493	968.411	171.7808
142.3836	67.78082	113.6438	33.61644	334.7945	0.60274	0	8.164384	10.63014	21.64384	1013.452	172.8767
141.6438	66.63014	114.4932	35.78082	333.1233	0.520548	0	8.684932	10.71233	22.30137	1023.041	172.3014
141.6438	66.41096	117.2603	35.28767	333.6438	0.657534	0	8.767123	10.9589	22.73973	1040.63	171.9178
93.68	69.16	19.94	22.2	282.47	0.63	0	3.07	3.82	61.35	144.09	80.58
107.38	70.52	21.67	21.82	254.56	2.35	0	4.24	8.45	55.68	156.97	106.47
113.4	72.25	21.3	21.65	267.63	0.67	0	4.97	9.24	77.3	148.85	76.61
119.52	58.37	23.56	24.41	262.3	0.6	0	6.09	6.96	41.44	144.92	94.29
127.43	52.72	33.35	23.86	262.66	1.27	0	7.46	8.09	68.12	175.73	77.35
139.75	58.95	19.42	24.55	234.07	1.22	0	6.23	7.4	78.83	221.63	82.43
131.45	63.03	23.56	27.78	248.91	0.9	0	5.92	11.56	60.86	226.1	81.15
141.94	67.49	23.09	32.09	230.35	1.02	0	6.23	9.99	68.3	213.71	97.62
143.25	69.74	23.81	33.91	238.62	0.85	0	5.6	10.19	55.6	234.66	96.8
150.32	70.84	21.9	39.04	230.08	1.12	0	7.55	9.9	56.88	246.73	97.59
167.37	84.68	25.91	42.73	218.94	1.09	0	4.64	9.54	49.26	248.54	109.38
177.58	83.57	25.34	45.56	234.94	0.94	0	5.24	9.94	48.81	246.89	102.43
175.06	92.6	29.77	44.86	233.28	1.36	0	5.39	9.17	48.51	238.49	101.73
161.69	95.48	26.75	44.52	230.07	1.15	0	4.25	8.89	58.61	249.93	106.36
162.73	90.64	18.45	43.12	247.8	1.06	0	5.26	8.04	61.74	247.63	93.78
171.09	96.41	23.28	48.14	213.33	1.21	0	4.3	9.75	60.7	251.71	107.23
174.19	104.46	22.24	55.69	195.72	1.18	0	3.64	9.13	73.03	254.92	103.94
177.79	108.99	19.37	55.89	189.9	1.52	0	5.78	11.09	74.88	243.16	121.22
178.91	106.41	20.43	57.9	185.3	0.98	0	3.86	9.24	77.98	275.7	118.46
187.27	107.24	22.19	64.45	198.87	1.28	0	5.31	12.46	56.8	281.72	111.68
194.24	111.32	22.06	64.83	190.54	1.41	0	8.21	11.51	70.49	262.61	105.99
198.27	106.3	25.04	69.06	181.84	1.48	0	6.45	10.52	72.66	269.65	116.56
206.08	120.14	25.98	64.64	188.06	1.73	0	7.38	8.9	84.49	266.42	121.36
201.38	106.75	26.13	63.65	203.14	2.9	0	6.08	9.26	79.53	228.93	120.74
202.74	106.71	25.34	71.8	183.21	1.03	0	6.51	8.89	81.98	222.37	118.34
211.92	109.03	23.34	74.57	184.39	1.65	0	3.61	8.25	84.51	219.88	127.09
207.2	117.23	20.43	80.29	180.47	1.65	0	4.95	9.31	90.03	188.48	130.89
225.07	128.66	26.78	74.4	170.98	1.87	0	5.1	7.53	90.98	215.72	127.16
208.41	125.39	23.25	83.79	173.73	1.86	0	5.98	8.68	94.09	220.65	130.3
212.19	117.72	17.79	92.69	171.72	1.55	0	7.24	6.62	88.58	211.35	123.37
199.5	124.48	18.83	99.06	179.76	2.06	0	8.01	8.35	75.88	205.27	120.05
192.34	148.71	60.53	123.41	167.17	1.66	0	6.91	8.42	85.16	192.1	114.54
184.37	145.82	58.44	122.35	166.21	4.58	0	6.36	9.13	82.12	176.76	139.51
221.81	168.4	31.87	134.35	154.13	2.58	0	8.61	7.85	88.99	183.11	134.61
235.4	170.49	25.73	153.1	152.44	3.25	0	7.21	6.6	100.81	191.42	141.42
211.48	187.81	22.2	152.87	155.37	4.99	0	8.68	8.55	101.64	172.68	141.16
223.23	202.67	22.28	144.18	150.51	4.77	0	9.64	7.11	101.72	151.39	139.6
232.97	186.69	23.92	141.44	143.41	3.28	0	8.91	6.79	103.72	161.31	127.23

223.03	178.41	18.46	145.98	131.46	1.84	0	11.66	7.52	108.69	196.62	137.91
230.34	190.85	28.46	144.89	138.69	1.86	0	13.86	5.7	95.62	262.15	124.09
221.88	175.81	21.41	125.79	132.19	1.36	0	20.88	7.41	100.08	259.38	126.85
208.86	162.48	19.11	122.38	139.91	1.41	0	30.94	6.82	101.24	264.75	132.39
222	154	17.25	124.57	138.11	1.44	0	37.96	6.87	102.72	259.21	137.44
255.05	167.15	48.7	129.86	133.24	1.9	0	26.09	7.79	97.88	263.96	142.92
274.43	167.68	72.69	146.16	134.81	1.42	0	21.31	8.06	98.42	247.56	145.2
274.05	180.19	49.24	140.81	132.02	1.51	0	22.05	8.82	97.69	258.6	143.84
279.78	185.78	60.92	149.28	134.9	1.59	0	24.87	9.97	99.45	287.29	145.98
312.79	187.89	57.5	145.84	132.04	1.5	0	31.63	9.29	99.69	275.64	148.58
333.42	209.62	60.66	149.25	129.22	1.4	0	34.37	8.41	97.77	272.19	141.84
300.28	222.03	66.68	176.48	129.91	0.99	0	39.63	7.22	100.08	266.8	149.67
317.03	232.54	57.41	183.73	131	1.16	0	31.34	7.92	98.17	311.44	145.89
324.98	310.31	69.54	162.78	116.49	1.19	0	37.44	7.61	99.99	342.87	146.74
342.56	293.89	67.7	150.29	119.12	1.18	0	34.92	7.64	98.12	308.36	145.6
304.3836	98.13699	22.16438	142.4932	186.274	1.150685	0.410959	21.36986	7.863014	149.4247	347.1781	156.5205
301.3151	100.3288	27.75342	108.9589	186.6301	1.150685	0.794521	22.79452	7.561644	147.5068	338.6027	153.8904
307.9452	96.30137	21.69863	123.7534	186.6575	1.178082	0.438356	20.43836	6.931507	147.0685	343.8356	154.274
318.8219	91.09589	24.41096	146.6027	187.5616	1.232877	0.438356	21.91781	6.794521	146.137	356.9315	154.7945
57.49	21.67	14.09	29.06	334.76	1.62	0	0.74	0	66.83	185.27	127.68
61.69	29.81	16.2	29.97	300.9	1.53	0	2.3	0	64.98	149.28	141.96
71.58	35.62	13.77	29.83	273.18	2.23	0	2.17	0	64.13	149.98	145.39
80.4	35.92	24.21	31.04	272.13	4.51	0	2.31	0	51.13	102.07	125.86
81.68	24.09	7.68	36	246.47	2.89	0	1.38	0	59.57	125	108.07
90.03	47.91	3.83	36.22	227.85	1.16	0	1.31	0	52.6	123.73	90.63
72.51	26.1	3.29	29.9	221.34	1.07	0	1.5	0	41.89	95.09	88.42
81.17	32.2	8.21	27.02	177.85	0.85	0	1.22	0	40.3	97.98	89.7
78.12	32.36	4.22	27.83	169.18	1.41	0	1.21	0	25.74	87.19	103.14
87.93	36.01	6.09	26.93	172.08	0.71	0	0.46	0	30.19	96.19	88.8
92.39	45.5	3.82	27.35	169.4	1.32	0	0.94	0	12.33	95.52	91.38
126.83	44.53	3.92	32.92	147.04	0.71	0	0.87	0	11.14	103.59	97.81
127.29	45.37	1.73	34.09	144.75	2.47	0	1.18	0	43.02	105.79	95.69
112.45	47.19	0.79	34.89	167.7	1.36	0	0.75	0	41.38	100.67	90.96
127.13	39.06	1.23	25	168.83	0.65	0	2.14	0	37.39	107.89	91.24
128.47	41.15	4.98	30.07	163.57	2.89	0	1.91	0	50.57	137.84	100.9
136.77	39.11	4.19	37.88	165.43	5.8	0	1.74	0	57.03	149.36	107.02
151.21	44.82	3.34	49.62	161.5	3.59	0	1.9	0	52.79	166.14	119.92
176.01	52.68	2.59	54.42	155.39	4.18	0	2.07	0	63.5	215.94	135.81
167.74	42.75	2.26	65.26	208.07	6.28	0	1.59	0	61.31	344.62	147.87
158.54	90.41	5.39	61.09	228.73	4.09	0	4.5	0	66.5	239.77	143.81
167.67	97.76	9.3	70.25	230.06	1.15	0	8.63	0	70.94	373.04	131.91
180.42	116.89	9.34	65.59	217.33	1.6	0	9.69	0.01	73.69	291.59	142.17
166.77	118.81	9.02	61.33	192.73	0.94	0	7.32	0	62.05	248.33	134.95
152.79	119.27	15.6	88.81	197.74	1.19	0	5.37	0	56.49	266.34	124.23
149.74	125.65	8.91	64.89	187.95	1.78	0	5.84	0	62.55	248.64	128.12
133.65	133.12	15.44	60.77	186.86	1.38	0	5.86	0	50.36	223.78	129
141.44	132.27	10.22	58.06	176.8	1.2	0	6.56	0	61.12	217.34	127.07
154.69	97.63	8.85	61.59	186.87	1.02	0	12.42	2.31	61.92	243.41	118.83
158.7	112.31	7.83	61.94	185.97	0.82	0	10.16	2.66	80.65	238.73	110.61

160.3	109.56	13.43	67.77	162.87	0.66	0	12.03	3.03	72.12	246.14	106.98
170.42	114.91	18.64	69.5	151.56	1.31	0	13.63	5.42	65.84	236.26	114.56
172.76	119.99	16.55	70.67	161.85	1.32	0	13.94	3.49	68.81	235.34	109.16
180.3	131.43	18.37	70.47	119.78	1.39	0	18.65	4.86	71.73	229.37	114.53
180.02	162.48	32.08	70.49	121.7	1.24	0	14.73	5.27	75.98	231.54	116.79
171.36	130.41	29.31	67.84	139.1	1.34	0	10.26	5.43	74.62	244.49	113.95
172.65	106.47	35.09	62.9	133.98	1.19	0	13.27	4.72	70.23	230.38	111.29
167.39	107.95	24.65	52.67	151.12	1.22	0	11.91	3.64	63.52	238.78	102.43
156.67	96.24	25.83	60.72	167.17	1.01	0	6.81	4.22	59.99	255.18	94.92
162.29	107.23	20.39	62.9	154.61	1.29	0	8.42	5.65	63.51	261.17	95.63
164.59	120.37	14.92	64.53	154.27	1.36	0	9.06	6.67	71.79	275.74	99.16
168.18	135.87	12.6	69.83	158.36	1.69	0	8.18	7.21	73.22	296.34	101.48
181.72	122.58	12.81	67.37	154.95	1.72	0	10.55	7.67	80.86	277.22	104.93
203.67	136.52	17.81	67.87	147.91	2.72	0	8.87	7.11	87.78	278.58	126.86
213.66	146.96	44.45	78.41	143.51	2.55	0	8.06	6.22	96.49	267.39	131.26
189.85	178.58	29.71	80.22	140.18	3.64	0	9.15	8.07	83.66	307.68	131.92
213.72	180.8	36.97	77.19	98.55	4.35	0	7.56	8.85	85.43	327.11	145.59
229.2	174.58	40.26	93.85	116.89	3.32	0	11.8	6.29	102.16	296.88	119.52
218.05	184.71	36.16	91.59	121.83	3.34	0	7.6	4.54	97.2	269.18	134.42
211.4	206.95	34.63	95.25	113.36	2.46	0	9.24	5.82	100.13	260.12	148.22
207.02	248.03	41.1	100.58	116.42	2.88	0	11.75	5.33	105.34	287	143.02
244.26	108.08	39.88	100.54	101.18	2.82	0	18.33	5.66	107.72	299.8	141.25
241.17	108.4	39.05	99.34	100.01	2.87	0	16.56	5.57	104.03	299.86	154.54
194.7397	71.67123	24.52055	99.0411	160.2192	2.547945	0	6.575342	11.12329	280.6027	323.9726	139.3699
192.9041	68.05479	24.05479	95.28767	160.274	1.808219	0	6	10.49315	252.4658	339.4247	150.5205
200.7123	52.93151	26.32877	94.54795	159.0411	2.136986	0	6.328767	10.41096	249.0959	344.6575	147.7808
204.6027	86.60274	28.63014	94.43836	156.5753	2.493151	0	6.90411	10.54795	257.0685	378.9041	136.3836
7	6.5	34.92	2.57	110.63	0.09	1.04	0.82	11.65	5.41	244.66	56.44
8.81	6.52	31.42	2.64	127.06	0.1	1.02	0.85	12.04	5	226.46	63.21
15.23	6.51	27.68	2.69	147.64	0.09	1.2	0.87	13.32	5.4	201.24	70.2
19.83	6.42	29.06	2.72	164.99	0.09	1.57	1.04	13.77	6.57	180.07	75.29
22.28	6.36	32.98	2.77	172.5	0.1	1.54	0.87	11.44	7	186.71	89.99
23.68	6.22	33.85	2.78	180.45	0.1	1.88	0.87	15.21	7.22	181.78	89.15
24.5	6.05	33.41	2.81	174.77	0.1	1.83	0.88	14.99	6.56	180.77	88.44
23.48	5.49	31.38	2.8	170.88	0.1	1.78	0.81	14.01	7.2	183.81	87.38
22.22	5.44	33.2	2.85	166.16	0.1	2.07	0.91	12.96	7.35	181.71	84.63
21.4	5.44	37.46	2.83	188.64	0.1	1.78	0.86	13.73	7.18	147.78	88.7
24.04	5.45	33.6	2.88	190.85	0.1	2.31	0.96	13.92	6.93	158.63	90.21
26.01	5.45	36.14	2.96	189.22	0.11	2.65	0.94	11.58	7.7	142.08	99.14
25.58	5.51	43.37	3	193.06	0.1	2.22	0.96	13.28	8.24	153.29	100.06
25.27	5.56	37.31	3.11	192.88	0.1	2.33	0.89	11.99	7.74	149.24	106.07
25.47	5.63	34.36	3.12	193.39	0.11	2.53	0.78	11.1	7.87	149.91	114.83
24.68	5.73	27.74	3.29	192.84	0.11	2.38	0.8	10.46	8.08	145	120.19
24.39	5.83	33.28	3.4	196.29	0.11	3.49	0.81	10.57	9.79	148.77	121.18
26.12	6.62	36.7	3.5	206.16	0.11	3.95	0.81	10.3	10.09	158.98	142.47
31.78	6.2	33.13	3.57	209.7	0.11	3.68	0.72	10.16	11.47	157.42	147.61
35.4	6.48	27.6	3.65	206.47	0.11	3.76	0.76	10.62	13.25	149.47	161.69
36.57	7	26.23	3.69	205.37	0.12	3.24	0.78	11.06	13.14	167.76	173.23
38.51	8.19	26.99	3.8	230.23	0.12	3.22	0.75	10.21	17.25	177.46	182.41

39.36	8.55	27.12	3.87	236.93	0.13	3.44	0.74	9.78	15.42	196.27	193.93
42.55	9.27	29.7	3.93	235.24	0.13	3.71	0.71	9.6	17	217.21	201.46
47.55	10.33	27.86	4.08	234.31	0.18	3.77	0.68	9.41	18.95	227.52	205.9
49.02	11.48	23.88	4.69	229.73	0.12	3.39	0.68	10.51	17.53	260.24	208.6
52.09	12.34	25.36	5.42	225.36	0.15	2.92	0.78	10.41	19.15	265.9	208.33
55.83	13.17	29.66	6.66	219.72	0.18	3.48	0.84	10.45	21.67	278.39	205.98
57.99	13	29.89	6.76	216.63	0.18	3.9	0.75	9.4	18.6	277.31	209.14
60.91	13.93	38.02	7.47	223.99	0.21	3.6	0.87	9.5	18.73	280.5	213.75
64.23	14.86	33.77	9.1	201.23	0.22	5.25	1.24	8.09	21.32	281.85	214.79
69.24	15.25	40.04	10.24	201.59	0.24	7.22	1.3	9.35	18.89	311.81	216.74
72.58	15.03	39.15	12.92	205.05	0.26	8.88	1.33	11.95	14	360.91	218.96
77.9	16.56	34.68	14.39	205.79	0.21	9.5	1.44	14.29	15.65	391.75	216.25
81.39	17.72	41.12	17.63	211.4	0.22	9.48	1.4	12.16	18.13	416.44	216.48
82.29	18.95	45.39	17.55	212.33	0.39	10.13	1.41	12.28	20.32	461.43	214.69
87.15	18.56	67.27	20.14	213.77	0.39	9.92	1.73	15.02	22.84	488.41	212.59
93.09	19.3	82.96	22.22	215.12	0.39	12.57	2.01	11.89	22.3	503.9	211.51
95.58	21.16	79.42	24.41	215.34	0.38	14.25	2.23	9.13	17.05	555.81	208.04
101.27	23.51	91.31	26.12	215.45	0.35	15.18	2.47	10.46	15.74	671.16	202.27
101.5	27.57	89.11	25.32	214.13	0.32	15.67	2.36	10.4	16.55	701.42	198.62
103.84	33.93	98.14	25.41	212.82	0.29	16.82	2.76	9.17	15.74	751.53	193.16
108.64	43.2	97.52	26.4	210.16	0.3	18.57	2.8	9.64	17.38	751.99	189.47
109.46	55.13	109.47	25.91	209.08	0.34	20.27	3.3	9.84	16.71	759.4	187.92
112.37	62.53	107.91	27.67	209.25	0.28	20.27	3.65	10.62	16.94	781.77	186.09
116.01	71.14	81.44	28.38	209.14	0.25	20.23	4.11	10.36	17.16	806.92	185.29
118.48	75.97	96.48	30.42	207.83	0.31	20.74	4.54	10.02	17.73	831.97	181.96
123.27	77.24	104.54	32.23	213.06	0.37	21.11	5.42	10.16	17.5	873.1	177.3
126.91	80.25	104.74	33.07	213.63	0.31	21.95	6.08	10.5	18.02	886.21	171
131.46	84.05	114.47	33.47	214.27	0.48	23.03	7.07	10.83	17.9	915.58	172.03
131.21	85.43	114.84	33.95	219.04	0.39	23.93	7.63	10.16	18.75	931.36	173.68
136.9	89.27	113.85	35.81	214.78	0.43	26.03	7.86	10.09	18.9	959.53	173.51
140.54	89.77	113.47	36.15	214.19	0.41	25.87	7.86	10.03	18.76	974.65	173.58
141.4795	78.87671	115.589	32.93151	336.6849	0.739726	0	7.643836	10.08219	18.73973	982.6849	172.5479
141.7534	67.42466	115.8082	32.24658	338.0548	0.520548	0	7.917808	10.30137	19.89041	1029.068	173.6986
141.0137	66.21918	116.6849	34.38356	336.3288	0.465753	0	8.520548	10.43836	20.35616	1038.493	173.0411
140.9589	65.9726	119.5068	33.78082	336.7945	0.60274	0	8.575342	10.68493	20.82192	1056.356	172.6849
49.27	6.47	1.45	12.28	357.68	2.52	0	1.05	23.84	97.61	174.05	96.12
48.27	7.39	1.07	11.89	359.39	3.38	0	1.16	18.89	97.63	172.29	84.62
53.89	8.44	0.78	11.7	366.61	3.3	0	1.07	23.34	94.09	183.34	70.28
55.21	11.74	2.63	11.87	356.56	2.57	0	1.24	23.99	95.06	179.61	64.85
56.45	12.23	1.46	13.18	341.2	3.33	0	1.35	25.3	94.69	173.11	83.91
61.41	13.16	0.88	13.52	366.78	2.53	0.02	1.91	24.75	98.93	154.78	62.06
68.79	14.39	2.75	14.49	355.72	2.64	0.02	1.97	38.88	86.5	153.84	49.87
68.32	17.9	2.31	15.51	363.73	3.51	0.03	2.41	33.23	99.27	171.6	74.57
69.48	22.29	2.9	15.94	315.97	4.81	0.01	2	43.79	90.64	195.36	101.42
76.92	27.63	2.16	15.89	330.41	5.22	0.04	1.79	53.05	90	218.26	99.11
77.26	27.46	3.44	16.81	348.37	3.83	0.08	2	51.58	95.76	220.43	100.52
76.81	30.26	2.48	20.29	350.3	2.95	0.04	2.36	59.51	93.59	234.52	105.61
84.91	40.92	1.45	20.06	321.64	3	0.04	2.02	58.84	116.13	255.03	105.04
80.11	43.34	2.38	21.18	323.42	2.33	0.03	2.58	38.98	110.12	262	112.38

73.07	44.19	5.02	22.72	340.65	1.75	0.03	2.68	59.43	99.99	290.49	93.25
86.14	60.9	7.18	24.38	334.85	1.44	0.03	2.88	63.1	115.43	303.15	82.08
95.54	69.06	3.04	31.4	309.68	2.77	0.05	2.99	35.32	123.63	316.38	86.38
94.16	82.38	2.51	35.47	269.64	14.28	0	3.7	51.85	137.95	332	92.17
112.02	89.59	2.93	35.83	256.39	11.04	0	3.07	50.88	133.13	344.33	91.15
97.1	79.2	3.42	38.28	263.78	9.65	0	3.85	49.73	129.71	368.72	89.59
95.76	70.51	2.68	41.73	248.48	6.47	0	4.63	46.54	121.88	327.58	91.38
97.94	76.47	3.13	43.58	235.57	4.06	0	5.33	52.16	126.89	341.13	89.22
101.64	82.41	1.91	51.53	211.5	3.92	0	5.53	55.99	141.52	345.98	91.34
109.34	94.31	2.27	50.54	213.76	4.15	0	6.35	56.42	132.12	343.57	89.68
120.38	96.89	2.9	49.08	205.07	2.39	0	9.19	53.9	122.12	360.18	97.21
122.71	107.07	3.17	49.16	192.84	4.96	0	10.55	57.57	117.46	337.2	105.47
124.87	105.03	3.69	55.61	174.32	4.99	0	10.36	60.45	120.37	365.47	113.58
122.39	116.5	5.23	58	177.35	5.17	0	16.49	63.7	114.76	350.45	113.58
122.59	102.95	4.71	62.55	179.59	3.76	0	18.84	65.61	113.45	317.23	119.18
126.12	108.07	5.59	63.7	166.44	3.6	0	17.63	67.52	117.77	299.81	115.4
130.95	122.95	6.05	63.7	144.58	5.3	0	19.29	65.34	120.76	314.88	112.24
133.11	126.83	7.48	69.6	145.43	4.33	0	19.8	64.88	102.35	323.35	112.78
136.08	135.1	7.29	76.11	148.22	3.34	0	22.91	65.74	107.01	327.27	115.1
140.17	139.12	7.61	78.13	142.66	3.64	0	21.49	65.3	104.87	303.6	119.31
138.53	144.02	8.16	78.26	127.22	2.96	0	24.2	65.54	100.39	334.19	123.8
141.47	134.56	9.65	85.64	136.11	4.36	0	24.27	66.77	98.38	353.14	122.7
147.2	141.53	12.43	94.14	131.92	4.27	0	24.8	68.07	98.57	352.28	131.02
136.9	136.94	11.75	92.73	138.15	4.72	0	25.07	55.38	100.3	345.04	127.61
135.87	136.33	11.73	95.22	133.67	3.81	0	25.39	61.52	93.34	402.68	127.66
141.79	126.74	12.41	93.86	128.2	4.28	0	24.55	61.46	86.69	373.13	133.73
141.74	121.4	11.51	88.2	130.92	4.01	0	23.69	53.93	84.7	353.62	132.24
141.22	121.93	11.7	88.89	123.27	3.8	0	26.22	51.68	88.81	397.15	130.25
137.98	110.89	11.85	89.12	131.48	3.98	0	24.87	47.63	85.67	357.99	134
137.54	105.19	12.67	91.82	132.5	5.16	0	21.73	44.89	80.45	350.23	132.68
137.16	101.01	14.94	88.81	131.14	4.91	0	21.47	47.04	85.4	315.42	134.28
144.33	105.98	14.91	91.98	121.98	4.22	0	21.5	46.79	84.46	336.39	130.45
144.75	120.27	15.49	90.5	124.43	4.36	0	20.68	46.65	88.42	305.03	133.65
154.97	85	16.31	95.76	126.5	4.97	0	20.98	46.53	85.94	306.45	120.75
133.18	102.26	14.92	105.34	130.36	4.35	0	21.72	46.42	79.67	310.76	127.95
132.21	103.04	17.6	89.6	133.34	4.69	0	21.84	46.26	84.44	311.71	127.04
133.75	115.08	18.49	92.98	131.92	4.8	0	21.88	46.17	82.05	323.29	122.49
130.36	113.16	18.81	89.36	133.27	4.59	0	21.68	46.58	80.5	312.21	128.29
133.65	117.15	19.02	88.03	125.61	4.63	0	21.71	46.44	84.68	311.12	139.5
122.3836	77.89041	13.61644	91.34247	192.1918	3.972603	0	18.54795	25.75342	88.38356	322.2466	131.4521
128.411	80.19178	13.64384	90.38356	190.5479	3.479452	0	18.60274	32.0274	81.26027	308.2466	130.411
125.1233	81.56164	13.67123	90.27397	190.6027	3.424658	0	15.58904	28.08219	93.0411	325.5342	134.5753
126.9315	83.80822	13.67123	90.87671	193.6712	3.232877	0	15.42466	28.05479	92.21918	329.0411	131.7808
77.02	256.59	59.47	5.01	52.25	0.13	0	0	0.01	159.82	61.79	45.53
80.6	255	98.55	5.32	52.76	0.2	0	0	0.05	158.56	65.27	45.6
80.7	256.99	58.04	6.03	53.49	0.09	0	0	0.01	144.92	68.48	43.54
80.11	243.22	93.01	6.11	54.09	0.12	0	0	0.36	141.73	71.91	40.67
77.5	251.03	77.01	6.18	57.51	0.05	0	0	1.01	132.89	74.66	46.83
70.73	232.88	74.12	5.67	59.29	0.16	0	0.01	0.76	130.04	88.15	40.35

69.3	245.1	76.09	5.71	59.07	0.08	0	0	1.1	123.29	90.09	40.14
69.69	235.14	79.51	5.82	61.35	0.21	0	0.03	1.45	118.41	92.19	42.3
68.97	237.1	74.79	5.93	54.81	0.19	0	0	1.47	129.39	94.21	42.5
71.6	234.82	80.5	5.91	61.29	0.16	0	0.03	0.9	120.35	96.76	43.74
75.76	242.4	74.11	5.52	68.15	0.13	0	0.01	0.81	128.58	98.26	46.96
66.99	236.34	67	5.63	75.75	0.25	0	0.03	0.74	136.17	99.53	47.18
64.1	218.26	85.34	5.8	76.07	0.15	0	0	0.98	138.49	99.23	48.6
65.59	195.83	79.5	7.3	87.19	0.21	0	0.01	2.02	149.7	100.76	48.34
72.82	191.74	102.01	7.19	89.5	0.19	0	0	0.23	169.02	104.49	48.56
80.97	198.42	116.67	7.77	87.63	0.26	0	0.01	0.18	180.57	130.48	47.06
79.17	202.86	118.81	8.63	85.66	0.24	0	0.01	0.18	178.25	126.86	44.13
80.98	160.82	149.6	9.53	86.34	0.24	0	0.03	0.17	189.94	125.71	45.48
81.96	167.74	144.32	10.7	87.02	0.28	0	0.02	0.09	182.95	123.56	47.66
80.1	181.59	121.33	11.1	91.59	0.21	0	0.02	0.15	187.93	123.9	48.2
82.23	198.22	146.91	10.95	94.42	0.37	0	0.02	0.09	174.74	120.65	50.14
76.02	208.36	147.88	12.19	97.52	0.29	0	0.02	0.11	183.65	104.52	56.88
72.38	207.55	147.5	12.04	97.56	0.23	0	0.02	0.36	188	104.04	61.98
75.51	212.66	166.11	12.83	96.43	0.35	0	0.02	0.34	183.48	106.45	67.48
74.42	211.04	122.03	13.82	97.05	0.15	0	0.01	0.24	186.64	123.07	66.25
71.93	220.45	131.31	16.65	94.99	0.29	0	0.02	0.24	183.47	129.49	67.39
69.2	223.7	138.39	18.81	96.46	0.27	0	0.02	0.22	199.97	112.47	65.93
74.62	240.15	153.89	23.76	92.63	0.27	0	0.02	0.29	180.69	115.85	62.78
78.85	252.75	162.3	23.6	96.09	0.31	0	0.02	0.23	180.33	108.9	57.44
82.76	266.2	144.36	24.56	90.03	0.29	0	0.03	0.22	172.71	110.52	60.92
76.04	279.8	134.48	31.33	86.48	0.18	0	0.03	0.22	178.05	77.62	64.02
66.52	281.13	121.94	32.93	82.71	0.29	0	0.05	0.23	183.28	67.56	72.39
66.5	291.79	154.52	35.43	74.95	0.29	0	0.05	0.29	178.94	70.25	72.66
69.52	298.75	156.62	38.82	82.99	0.24	0	0.08	0.29	177.82	75.28	71.81
73.35	316.38	153.65	42.69	77.43	0.24	0	0.08	0.3	178.13	86.35	79.13
73.9	328.12	146.89	35.97	79.78	0.27	0	0.12	2.8	170.11	101.37	76.42
72.74	333.63	141.91	33.21	82.06	0.25	0	0.11	2.23	173.23	118.05	76.82
69.72	341.01	129.71	37.71	78.46	0.23	0	0.11	1.62	174.28	104.14	77.51
67.19	325.34	142.07	36.45	79.96	1.13	0	0.13	1.67	179.53	99.62	78.15
68.02	345.63	66.33	36.86	80.76	1.39	0	0.15	3.08	172.85	110.85	78.1
62.93	345.47	83.93	42.79	79.81	1.12	0	0.15	3.65	176.35	96.8	82.27
60.74	352.21	81.02	45.45	80.45	1.11	0	0.14	4.78	172.75	98.88	81.3
58.1	349.18	99.89	46.35	80.15	1.16	0	0.14	2.58	174.09	110.52	81.56
62.64	330.48	92.81	46.89	80.87	1.36	0	0.12	1.28	174.67	105.88	82.14
68.74	317.59	80.6	50.3	76.46	1.23	0	0.13	1.33	169.67	107.31	79.54
68.72	343.3	95.83	55.32	76.99	1.24	0	0.14	1.41	167.26	95.68	82.72
68.13	335.38	130.35	59.37	77.46	1.36	0	0.18	1.25	168.07	101.42	79.25
66.58	367.74	107.89	63.73	77.23	1.34	0	0.19	1.26	168.65	108.67	84.05
64.36	304.58	102.25	63.48	77.2	1.3	0	0.18	1.37	164.89	109.79	81.13
67.59	300.2	82.98	65.8	73.49	1.34	0	0.22	1.41	150.42	108.61	84.15
69.7	299.98	75.01	65.52	74.75	1.34	0	0.27	1.18	152.06	109.87	90.47
73.4	313.56	80.03	67.14	74.46	1.32	0	0.32	1.89	157.39	116.97	87.75
71.57	298.42	91.65	75.52	76.76	1.31	0	0.43	2.44	161.94	119.84	81.61
74.35616	336.411	88.60274	78.43836	113.2877	1.232877	0	0.630137	1.369863	174.8767	128.9589	88.90411
75.80822	326.6575	91.39726	81.26027	124.2466	1.424658	0	1.39726	1.39726	183.3973	122.7123	94.52055

73.80822	323.0411	92.90411	84.60274	146.0274	1.452055	0	3.232877	1.369863	205.6712	140.3836	90.76712
72.93151	335.0137	91.20548	87.64384	151.2877	1.479452	0	4.082192	1.369863	205.9726	140.4658	99.53425
30.36	13.84	3.39	2.78	7.13	0	0	0.26	0	12.96	81.8	32.49
30.78	13.72	2.96	2.71	8.66	0.02	0	0.23	0	11.76	80.42	38.48
31.54	15.38	3.37	2.67	10.69	0	0	0.3	0	19.48	80.74	39.13
30.53	13.71	3.74	2.57	7.54	0	0	0.21	0	17.6	80.65	42.78
29.65	10.82	2.63	2.38	9.15	0	0	0.21	0	19.46	79.75	39.41
28.02	11.9	3.43	2.27	12.27	0	0	0.15	0	20.66	80.11	38.33
28.61	13.24	2.69	2.53	12.77	0.01	0	0.06	0	27.07	74.17	44.83
31.45	13	3.43	2.35	16.15	0	0	0.11	0	23.96	81.71	45.44
33.01	16.13	3.14	2.3	11.58	0.01	0	0.09	0	23.17	77.11	46.55
33.01	11.38	2.9	2.28	7.45	0	0	0.13	0	20.18	76.82	48.36
31.78	16.74	3.83	2.51	7.57	0.01	0	0.08	0	19.69	75.71	59.03
30.9	15.42	3.08	2.46	11.08	0.01	0	0.08	0	17.33	77.5	66.86
29.34	16.83	3.13	2.7	10.76	0.01	0	0.1	0	20.87	76.4	52.29
26.67	12.27	5.22	2.19	10.62	0	0	0.28	0	19.46	77.52	56.11
25.96	15.03	2.36	2.72	6.54	0.02	0	0.3	0	24.71	79.19	58.57
27.53	16.15	1.9	4.38	5.45	0.01	0	0.33	0	20.09	80.48	50.85
28.27	15.96	2.02	4.47	4.1	0	0	0.34	0	26.11	78.69	71.34
29.97	17.15	1.88	4.62	3.93	0.01	0	0.34	0	27.54	76.02	88.79
33.33	17.12	1.94	4.34	9.62	0.01	0	0.35	0	26.05	74.9	72.66
29.45	22.92	2.42	5.42	4.6	0.01	0	0.34	0	28.85	75.78	90.87
28.71	21.23	2.52	7.11	4.55	0.03	0	0.36	0	29.81	73.07	87.11
33.69	21.67	2.57	7.77	11.29	0.01	0	0.36	0	28.25	77.2	95.13
29.3	38.45	1.72	7.98	10.26	0.07	0	0.34	0	32.49	75.74	96.6
32.96	36.28	2.06	7.28	13.03	0.06	0	0.34	0	32.61	75.89	98.07
29.78	42.06	1.83	6.77	14.85	0.03	0	0.33	0	32.98	76.19	91.83
29.44	30.46	2.62	6.81	12.83	0.17	0	0.33	0	30.36	74.95	88.87
27.77	30.45	2.46	7.34	8.49	0.04	0	0.33	0	30.04	75.09	89.45
28.97	34.78	2.61	13.59	10.72	0.01	0	0.33	0	31.14	75.99	87.47
25.58	28.82	2.48	12.71	8.54	0	0	0.32	0	31.83	77.9	100.55
23.84	8.48	2.26	13.19	13.8	0.01	0	0.37	0	32.23	121.92	90.48
44.98	25.32	2.36	17.01	24.35	0.03	0	0.37	0	30.71	123.51	99.1
56.61	25.87	2.72	20.39	32.52	0.02	0	0.4	0	24.07	129.05	97.6
47.66	37.21	2.51	19.85	23.28	0.02	0	0.34	0	23.27	127.1	101.48
41.25	21.8	2.3	12.46	30.33	0	0	0.34	0	25.6	124.01	89.85
38.57	28.73	2.3	14.53	35.36	0.04	0	0.35	0	27.38	123.49	74.06
30.46	35.64	2.66	19.08	17.9	0	0	0.35	0	26.35	130.53	76.73
28.97	30.78	3.24	11.28	24.24	0.01	0	0.33	0	21.76	131.27	97.19
32.22	39.09	2.83	15.36	33.67	0.04	0	0.33	0	28.07	125.6	113.97
25.46	31.04	3.16	11.9	33.08	0	0	0.37	0.11	28.95	135.19	121.11
29.6	43.49	3.38	13.59	32.57	0	0	0.35	0	31.67	145.87	123.17
26.95	35.39	3.47	11.69	34.7	0	0	0.35	0	36.11	133.49	128.56
33.37	41.71	3.56	13.47	37.88	0.04	0	0.35	0.02	38.94	133.92	127.11
32.9	49.03	3.03	34.13	34.51	0.05	0	0.29	0	41.29	137.72	124.99
40.39	64.8	3.18	26.15	35.09	0.05	0	0.25	0	45.21	156.47	118.76
32.9	26.07	3.05	13.54	46.25	0.01	0	0.34	0	43.7	114.5	76.07
43.78	64.71	2.99	22.46	51.69	0.03	0	0.3	0	45.83	121.01	80.47
47.93	28.96	3.26	25.86	53.33	0.02	0	0.31	0	55.58	114.15	82.32



40.76	28.47	3.24	23.87	50.84	0.04	0	0.27	0	55.54	116.93	82.85
42.25	36.7	3.71	26.66	50.35	0.05	0	0.31	0	42.06	129.54	103.9
39.9	35.4	3.64	32.84	50.57	0.05	0	0.36	0	40.44	138.62	109.13
49.96	39.7	3.9	61.06	47.69	0.05	0	0.26	0	41.56	133.62	109.75
45.15	22.63	4.03	26.79	49.39	0.09	0	0.29	0.01	45.01	135.97	112.49
51.82	29.45	5.68	35.66	45.24	0.36	0	0.36	0	51.45	133.95	109.79
47.75342	4.465753	5.178082	36.90411	70.10959	0.164384	0	0.191781	0	48.41096	119.7534	108.5479
49.31507	3.945205	4.410959	66.76712	68.84932	0.164384	0	0.191781	0	49.20548	115.7808	116.6301
49.61644	3.69863	4.958904	64.68493	73.0411	0.191781	0	0.191781	0	44.35616	112.4658	113.9178
61.12329	3.479452	4.273973	58.9863	83.86301	0.109589	0	0.191781	0.027397	46.68493	114.3288	116.274
66.84	232.59	23.52	3.09	72.86	0.13	0	0.07	0	122.64	48.46	94.92
58.26	238.17	23.7	3.34	75.08	0.11	0	0.06	0	123.17	49.74	103.15
66.26	246.12	23.69	3.62	77.65	0.13	0	0.05	0	119.93	49.55	98.67
62.84	246.44	23.58	3.92	86.21	0.15	0	0.09	0	131.03	49.92	105.12
65.67	248.61	23.65	4.28	100.42	0.11	0	0.09	0	125.78	50.81	100.02
48.6	248.27	23.75	4.14	93.23	0.14	0	0.09	0	130.72	52.71	100.83
48.18	258.18	23.69	4.14	88.02	0.13	0	0.11	0	120.54	52.31	108.51
52.56	279.32	24	4.14	89.32	0.15	0	0.1	0	133.84	53.66	104.51
53.13	279.93	24.09	4.16	94.21	0.15	0	0.09	0	132.94	54.68	107.67
60.14	284.23	23.28	4.18	94.52	0.27	0	0.11	0	143.37	54.96	108.65
64.61	304.83	23.01	4.19	103.59	0.23	0	0.1	0	152.19	54.06	96.53
53.67	321.93	24.67	4.23	96.79	0.2	0	0.09	0	158.84	54.88	104.27
64.52	310.71	24.84	4.22	93.84	0.13	0	0.04	0	170.54	53.02	100.01
51.42	346.98	24.92	4.23	101.33	0.17	0	0.01	0.01	172.32	54.62	95.27
70.36	338.51	24.83	4.23	109.15	0.17	0	0.02	0.01	175.42	56.78	96.06
88.54	370.91	24.59	6.88	109.55	0.17	0	0.02	0.02	169.25	57.07	94.54
85.47	402.25	24.82	6.92	103.84	0.18	0	0.01	0.1	177.52	56.29	95.53
74.24	423.26	25.25	6.94	103.42	0.3	0	0.05	0.13	175.17	58.28	98.41
85.93	414.98	25.83	9.81	109.61	0.25	0	0.08	0.67	168.49	59.06	102.55
80.98	386.18	25.95	11.69	140.95	0.25	0	0.09	2.71	169.24	59.09	103.61
72.95	373.15	23.86	12.33	112.9	0.31	0	0.11	3.71	180.02	57.37	104.07
69.38	328.76	24.09	13.5	94.7	0.34	0	0.23	3.37	180.41	54.4	109.77
83.45	353.49	36.18	18.77	129.22	0.51	0	0.43	2.13	167.63	60.53	109.45
81.32	363.7	23.55	17.85	124.94	0.63	0	0.78	0.66	169.89	62.12	122.03
98.06	374.17	31.83	19.84	121.8	0.79	0	0.51	1.25	187.11	71.34	106.34
75.04	379.48	34.21	18.45	115.73	2.76	0	0.6	0.84	180.42	63.61	115.94
85.7	377.91	30.42	19.43	93.08	2.48	0	0.82	0.84	176.73	66.95	122.64
81.6	372.88	37.22	26.23	146.25	2.89	0	1.07	0.32	172.08	71.6	118.84
80.9	358.73	50.06	36.09	124.38	3.76	0	0.77	1.23	161.17	78.38	131.27
82.39	401.55	36.19	38.15	123.31	6.36	0	1.67	1.6	165.2	100.25	105.17
81.58	390.59	37.96	40.45	91.67	6.57	0	1.25	1.22	164.21	96.8	125.09
82.56	401.67	45.26	42.11	130.33	5.96	0	1.42	0.34	165.8	113.94	78.51
80.83	430.6	36.22	43.02	172.14	2.96	0	1.57	0.58	165.5	121.24	65.21
80.59	424.32	28.07	43.11	130.08	8.15	0	0.98	6.26	164.01	128.1	117.28
78.69	436.66	30.25	46.37	133.11	9.12	0	0.94	10.86	161.73	128.01	117.69
77.44	390.61	39.48	49.71	116.35	6.32	0	2.17	10.18	159.23	110.3	159.02
75.74	416.92	37	46.08	144.58	6.36	0	1.13	9.95	156.84	123.88	127.92
75.29	449.64	56.69	46.5	153.89	5.2	0	1.57	3	158.02	136.37	135.15
76.2	474.37	49.82	51.54	140.56	3.52	0	1.07	4.63	158.42	133.3	131.96

73.04	470.33	54.12	49.52	144.87	2.69	0	1.52	16.74	154.63	123.22	128.39
72	476.19	58.34	51.33	146.67	1.44	0	1.45	4.06	151.2	145.57	130.02
61.55	481.5	56.49	51.9	143.25	0.49	0	2.03	8.02	151.77	154.04	113.4
69.91	473.78	51.65	48.45	141.6	1.5	0	2.95	7.48	153.4	148.26	113.54
64.32	444.32	50.33	54.34	146.87	1.05	0	1.99	7.48	151.54	149.38	96.9
65.78	455.14	46.91	55.96	146.44	1.97	0	1.97	7.72	156.78	129.24	95.09
67.91	466.78	43.03	61.87	133.4	1.84	0	2.94	7.5	157.52	172.88	95.34
74.54	472.22	44.56	66.92	135.35	1.33	0	2.1	7.73	161.16	150.6	102.53
75.56	497.52	46.73	64.39	133.2	1.24	0	2.02	7.34	153.91	170.12	106.63
77.15	490.48	51.26	66.11	134.9	1.42	0	2.22	7.6	150.49	162.68	109.11
81.02	470.26	41.58	61.44	133.19	1.59	0	2.26	7.37	149.88	143.98	108.33
80.78	450.65	46.41	57.65	132.76	1.88	0	2.81	7.52	148.57	148.68	110.02
76.25	481.8	48.4	63.18	123.09	1.34	0	2.24	4.27	149.09	125.74	109.93
74.94	505.78	42.22	67.04	125.18	1.2	0	2.61	4.23	144.02	147.53	107.69
74.52055	479.9726	40.46575	66.76712	182.8219	1.123288	0	1.835616	4.027397	147.3699	126.5753	111.6986
74.35616	485.4247	40.87671	69.17808	179.0685	1.534247	0	1.890411	4.328767	146	152.2466	107.726
74.9589	486.3562	41.26027	71.67123	200.9041	1.589041	0	1.863014	4.657534	152	138	103.1781
78.46575	476.9589	41.56164	72.65753	173.863	1.534247	0	1.917808	4.657534	148.137	123.6986	106.6301
59.75	17.26	2.03	3.24	81.2	0.11	0	30.2	0	22.2	157.7	6.51
58	14.08	2.24	3.34	89.04	0.11	0	20.59	0	22.59	199.22	4.8
57.25	15.83	2.18	3.26	87.04	0.1	0	16.88	0	19.7	182.53	36.93
64.9	16.74	1.96	3.36	100.29	0.09	0	14.91	0	17.78	174.88	41.85
63.51	17.81	2.4	3.29	120.39	0.08	0	11.06	0	22.29	175.11	43.54
63.88	18.65	2.72	3.26	114.63	0.09	0	8.57	0	24.16	176.39	44.29
68.11	19.93	2.4	3.16	127.05	0.08	0	9.94	0	21.3	172.03	38.24
70.88	20.8	2.53	3.08	126.46	0.08	0	21.3	0	23.28	168.9	41.2
69.53	22.74	2.76	2.97	127.82	0.08	0	21.18	0	22.82	177.31	27.16
68.08	27	2.57	3.11	121.77	0.07	0	21.06	0	23.58	170.29	42.01
69.82	25.81	2.66	3.07	128.65	0.08	0	18.28	0	22.6	170.07	35.13
69.63	22.19	2.58	3.15	134.35	0.07	0	4.96	0	21.31	167.37	44.21
62.62	29.31	2.83	3.31	135.94	0.07	0	2.98	0	21.48	159.01	47.36
58.46	33.97	2.86	3.52	118.18	0.08	0	2.84	0	21.87	161.79	51.15
57.08	26.23	2.92	4.15	106.9	0.08	0	2.76	0	22.32	172.86	38.05
57.8	41.45	2.24	4.82	110.46	0.06	0	3.87	0.04	22.81	165.07	42.21
60.12	68.76	2.94	5.09	131.36	0.07	0	4.59	0.07	23.55	158.12	47.13
60.76	58.45	3.31	5.83	131.8	0.08	0	4.72	0.11	24.9	150.78	59.05
58.28	57.9	2.9	6.5	161.39	0.09	0	8.18	0.1	24.22	143.65	61.25
56.52	65.25	3.23	6.59	167.47	0.09	0	7.49	0.88	29.68	164.1	61.64
56.5	64.9	3.26	6.97	173.3	0.08	0	7.01	0.54	29.88	161.18	59.76
53.33	51.26	2.52	6.55	172.2	0.06	0	7.01	0.2	31.09	155.57	59.49
52.58	51.04	2.77	6.27	179.14	0.08	0	7.36	0.55	31.02	139.47	58.67
51.8	46.28	2.2	6.1	164.05	0.06	0	7.35	0.57	28.42	149.08	57.87
51.04	58.58	2.38	6.06	158.25	0.07	0	7.18	0	30.34	141.78	56.6
48.92	57.21	2.57	6.7	157.93	0.08	0	7.44	0.05	34.95	131.5	55.49
47.27	59.74	2.92	6.56	155.52	0.09	0	7.39	0.12	34.04	130	58.49
49.63	62.5	2.7	7.79	159.75	0.09	0	7.36	0.19	35.66	128.32	54.42
46.84	40.99	2.35	7.22	155.57	0.09	0	7.19	0.27	33.94	122.94	49.33
53.27	38.41	1.93	5.59	152.28	0.13	0	7.06	0.78	30.6	152.57	47.73
49.93	45.19	1.71	5.3	151.71	0.13	0	6.98	0.67	31.07	152.54	46.37

47.55	43.16	1.83	5.13	149.96	0.16	0	6.51	1.11	32.01	144.88	46.46
46.57	40.47	1.75	5.11	155.4	0.18	0	6.66	1.11	30.85	142.08	44.74
43.12	25.42	0.73	4.89	151.16	0.19	0	6.66	0.61	30.42	147.51	42.83
43.46	24.8	0.99	4.9	155.02	0.34	0	6.53	0.44	29.11	141.53	43.88
41.78	24.99	1.62	4.46	163.04	0.37	0	4.97	0.47	26.21	164.05	42.61
43.55	24.52	2.77	4.57	139.8	0.92	0	10.73	0.46	25.71	159.89	38.96
35.24	26.11	2.76	4.32	131.81	1.02	0	9.59	0.43	27.14	153.33	49.91
35.48	21.28	2.04	4.07	132.53	1.04	0	10.86	0.49	26.5	151.74	49.02
35.12	16.46	2.94	4.17	138.8	1.08	0	11.57	0.53	23.98	151.58	46.48
34.52	19.18	2.77	3.96	146.6	1.09	0	14.61	0.27	24.83	134.27	47.46
36.84	18.28	2.66	4.5	143.11	1.11	0	15.82	0.3	30.07	136.1	48
40.33	23.04	3.26	6.13	152.51	1.15	0	12.5	0.09	30.74	107.69	48.16
40.96	25.92	2.65	5.95	173.04	1.14	0	13.51	0.13	28.84	113.45	45.19
41.71	26.43	3.11	4.64	166.2	1.21	0	15.77	0.03	28.87	128.14	46.4
44.18	17.84	1.66	3.62	170.4	0.97	0	15.08	0.08	28.14	123.19	48.39
42.58	16.38	1.63	3.62	187.38	1.48	0	15.29	0.09	29.78	121.78	48.02
42.21	22.37	1.65	3.59	181.34	1.35	0	14.37	0.09	31.32	121.88	39.53
43.02	19.41	2.5	3.61	176.58	1.24	0	12.48	0.1	28.87	125.73	50.08
43.74	26.12	2.14	5.19	178.11	1.11	0	15.36	0.13	31.05	122.27	52.36
42.07	19.54	2.89	4.94	172.06	0.94	0	17.23	0.1	32.63	119.94	54.98
42.47	26.7	3.05	5.96	171.64	0.89	0	18.37	0.12	29.44	128.56	57.73
43.02	17.64	1.05	6.57	174.15	0.74	0	15.65	0.07	31.95	126.02	56.84
34.9589	4.465753	2.410959	5.616438	253.4247	0.767123	0	20.79452	0.054795	21.86301	114	55.34247
35.86301	5.068493	2.273973	4.849315	257.2603	0.849315	0	29.06849	0.054795	25.61644	116.3562	56.30137
34.08219	4.958904	4.246575	7.205479	266.9863	0.821918	0	28.19178	0.054795	27.0411	114.8493	64.90411
36.32877	4.794521	3.808219	6.931507	268.6849	0.821918	0	19.50685	0.054795	27.78082	114.6849	70.08219
79.79	446.12	192.28	22.78	2.37	0.63	0	4.01	0	122.93	146.99	252.12
69.77	402.67	221.88	17.59	2.33	0.22	0	4.32	0	112.75	176.76	250.21
73.07	404.74	239.22	19.71	3.8	0.33	0	5.3	0	127.69	212.38	244.76
77.81	448.54	314.58	21.73	3.23	0.37	0	6.02	0	130.97	237.11	247.79
64.85	451.22	300.17	18.42	3.77	0.59	0	7.51	0	126.04	253.16	256.29
73.71	379.54	280.27	20.25	5.27	0.41	0	6.11	0	113.3	261.59	256.26
65.2	403.88	305.59	16.86	4.47	0.25	0	5.82	0	113.64	288.28	246.14
78.05	432.27	311.29	18.25	5.22	0.44	0	8.27	0	104.01	320.79	237.17
82.75	449.93	290.04	19.15	5.47	0.49	0	8.19	0	124.74	271.71	242.52
81.84	489.45	342.54	19.55	6.24	0.53	0	7.61	0	157.59	306.72	255.8
90.05	513.73	302.16	25.51	5.87	0.5	0	8.55	0	169.85	331.89	281.2
90.93	498.99	281.12	29.63	6.37	0.49	0	8.27	0.01	186.15	279.85	284.42
107.86	526.46	183.42	30.98	6.44	0.48	0	8.75	0.01	177.77	197.27	288.83
117.6	560.22	178.27	24.24	6.53	0.53	0	11.2	0.01	168.01	185.62	290.5
138.71	602.15	181.27	25.09	6.74	0.56	0	11.08	0.01	170.69	220.81	284.9
148.66	603.39	190.66	28.69	6.65	0.53	0	11.73	0.01	132.28	241.21	267.28
148.4	606.64	168.16	28.77	6.9	0.62	0	11.17	0.01	139.99	245.05	271.51
162.38	576.27	173.64	28.27	7.34	0.53	0	12.26	0.01	138.19	266.87	282.21
150.8	577.8	129.01	22.32	6.58	0.54	0	13.06	0.01	147.59	221.84	292.09
151.19	602.51	115.85	20.14	6.74	0.49	0	10.42	0.01	143.01	226.74	291.49
169.56	633.53	106.83	24.69	7.07	0.5	0	8.34	0.01	128.68	194	286.87
163.97	636.17	115.97	23.35	7.23	0.54	0	8.85	0.01	118.48	221.14	292.03
176.0274	608.8493	104.4658	23.64384	6.958904	0.520548	0	5.671233	0.027397	155.7534	158.2466	290.274

181.3151	652.1918	106.7123	24.38356	6.821918	0.520548	0	5.534247	0.027397	143.9452	194.8493	308.411
180.8767	659.2877	106.8767	24.9589	6.90411	0.520548	0	4.438356	0.027397	146.6575	708.1096	313.4247
187.3151	667.726	100.9315	29.50685	6.958904	0.849315	0	4.493151	0.027397	172.4384	699.4247	285.9178
83.84	163.34	43.47	8.32	112.52	0.24	0	0	0	134.36	97.77	120.88
89.9	176.97	41.6	8.81	118.47	0.11	0	0	0	137.21	103.22	147.5
93.64	205.01	37.45	8.99	116.4	0.24	0	0.07	0	139.02	100.54	184.67
91.19	219.39	36.71	9.5	124.56	0.32	0	0.14	0	139.23	114.36	142.33
83.22	258.12	30.28	10.34	107.18	0.25	0	0.21	0	141.49	103.3	171
86.13	240.4	39.78	11.49	60.96	0.15	0	0.23	0	142.22	107.83	179.33
86.58	297.71	40.2	11.6	64.62	0.23	0	0.26	0	142.88	112.48	188.87
105.24	369.37	42.27	11.72	77.13	0.28	0	0.1	0	143.6	82.62	190.36
100.82	346.88	32.89	12.16	98.21	0.07	0	0.04	0	144.3	49.84	188.69
94.47	449.71	26.03	12.57	128.45	0.24	0	0.18	0	143.32	43.6	184.97
90.47	420.68	27.3	13.1	147.2	0.16	0	0.17	0	142.38	62.87	216.95
85.57	390.02	22.83	14.33	130.41	0.15	0	0.16	0	143.16	55.91	198.65
79.84	427.03	19.05	15.53	115.38	0.15	0	0.15	0	138.76	80.11	205.32
74.11	413.01	28.36	14.74	153.29	0.14	0	0.13	0	153.86	137.59	204.42
63.93	407.81	34.88	22.13	131.09	0.13	0	0.12	0	145.27	118.22	194.18
74.05	435.04	40.46	14.28	124.68	0.11	0	0.09	0	153	109.31	214.94
89.1	388.59	49.67	16.78	114.33	0.13	0	0.06	0	147.92	107.55	203.33
78.89	372.97	54.15	20.19	121.19	0.22	0	0.03	0	156.09	135.28	200.25
73.58	427.67	52.18	22.25	112.41	0.19	0	0.03	0	145.8	130.71	210.33
73.81	420.88	60.86	25.83	139.34	0.77	0	0.02	0	147.98	157.57	213.23
75.2	458.69	67.27	29.96	127.38	0.28	0	0.02	0	153.21	176.97	225.31
79.69	447.39	64.66	23.83	136.81	0.35	0	0.02	0	179.36	140.15	204.5
78.77	435.41	48.92	26.41	137.3	0.24	0	0.01	0	186.64	126.71	217.87
80.65	435.54	60.22	29.43	136.31	0.26	0	0.02	0	190.71	136.23	222.6
81.34	444.71	69.01	32.62	146.2	0.24	0	0.02	0	179.28	154.29	217.07
81.1	431.46	69.74	30.75	138.05	0.23	0	0.02	0	181.45	147.81	219.69
78.26	419.08	54.16	29.59	129.05	0.16	0	0	0	188.82	135.61	216.12
79.6	418.74	59.96	31.24	125.77	0.17	0	0	0	166.21	165.18	218.65
82.35	423.5	59.94	35.58	142.5	0.16	0	0	0	168.44	139.73	200.22
83.12	371.01	47.04	33.42	129.95	0.13	0	0	0	162.82	120.31	202.79
60.7	352.83	53.97	38.76	131.81	0.13	0	0	0	161.96	119.39	177.72
53.56	260.15	66.95	18.28	126.63	0.13	0	0	0	160.78	141.13	129.13
55.71	255.49	64.84	17.25	122.02	0.13	0	0	0	160.24	106.96	115.06
56.08	273.21	50.72	16.5	133.55	0.11	0	0	0	150.54	87.45	118.54
52.92	261.11	68.62	17.85	135.1	0.1	0	0	0.23	159.99	112.25	120.14
55.34	245.97	89.76	18.57	143	0.1	0	0	0.35	166.96	140.53	127.17
47.74	249.72	84.15	22.52	150.93	0.09	0	0	0.43	182.53	134.74	136.93
49.9	271.68	54.41	27.37	152.97	0.08	0	0	0.65	176.7	170.75	138.42
58.15	253.47	85.34	29.85	163.83	0.1	0	0.04	1.02	186.74	286.51	143.69
56.53	253.18	91.4	29.68	163.18	0.1	0	0.04	1.24	179.57	362.72	153.5
53.44	244.26	83.98	33.12	163.46	0.12	0	0.05	1.48	170.39	400.88	159.04
52.81	221.56	80.98	38.09	210.27	0.19	0	0.05	0.15	155.96	423.06	161.47
49.81	235.26	76.74	38.16	163.11	0.22	0	0.04	0.15	148.37	500.54	169.71
53.53	218.19	81.47	43.92	182.62	0.11	0	0.04	0.16	169.64	451.55	140.48
55.52	237.52	77.52	32.47	179.56	0.17	0	0.03	4.86	148.32	467.56	136.25
58.79	219.77	65.66	48.1	180.31	0.15	0	0.06	7.04	139.42	464.77	153.05

76.7	213.12	32.91	40.68	173.99	0.24	0	0.03	3.17	137.41	443.41	137.99
98.45	269.69	46.06	43.48	166.79	0.1	0	0.06	17.36	122.49	443.78	153.91
98.28	269.94	68.24	54.18	170.2	0.14	0	0.05	15.76	161.74	460.12	134.76
99.07	250.66	47.31	43.98	152.85	0.15	0	0.08	13.5	165.41	368.81	150.26
94.22	268.07	40.7	46.96	174.38	0.3	0	0.03	15.37	157.66	379.28	141.55
89.57	266.64	32.58	51.63	181.23	0.35	0	0.04	17.13	149.87	379.6	148.6
97.94	274.52	25.95	55.22	185.48	0.42	0	0.14	17.36	145.97	432.21	149.65
89.47945	257.6986	21.34247	47.61644	267.5342	0.356164	0	0.054795	8.164384	147.5616	364.137	154.9041
90.90411	249.1233	31.26027	51.69863	242.3014	0.356164	0	0.054795	1.753425	146.411	385.2877	156.9315
92.71233	265.4521	24.19178	56.32877	238.3014	0.356164	0	0.027397	11.91781	144.1644	374.7945	160.0548
93.72603	259.6986	33.56164	64.9863	202.2192	0.356164	0	0.027397	11.17808	146.3562	416.4384	165.5342
68.48	179.11	126.27	12.15	15.36	0.47	0	16.95	0	61.38	242.82	315.29
63.83	184.04	125.66	12.59	16.21	0.49	0	17.36	0	62.12	260.57	312.72
67.95	211.09	134.66	13.4	18.01	0.41	0	18.54	0	63.65	325.86	316.67
74.71	211.34	140.75	14.31	10.34	0.4	0	16.15	0	67.24	303.24	330.51
79.9	245.85	144.72	17.65	14.36	0.3	0	21.28	0	76.2	403.52	319.82
97.11	252.38	152.08	18.47	12.62	0.29	0	17.77	0	78.58	406.13	322.19
100.52	284.78	151.14	22.04	16.48	0.78	0	22.23	0	79.78	428.91	318.28
106.62	323.56	134.54	26.56	11.47	0.2	0	24.62	0	84.55	424.94	335.55
118.92	338.02	135.63	34.45	15.21	0.42	0	25.18	0	83.88	383.18	395.24
120.28	342.69	134.87	34.72	13.69	0.39	0	24.09	0	83.95	375.64	335.75
129.02	382.92	133.14	36.65	12.08	0.12	0	24.1	0	85.5	417.22	316.24
139.23	393.21	122.75	37.81	11.51	0.12	0	22.49	0	85.55	408.24	246.36
151.7	374.17	93.69	35.45	13.26	0.04	0	8.57	0	88.02	402.5	284.21
112.33	336.26	44.78	28.82	10.3	0.3	0	19.34	0	63.14	325.03	271.25
89.66	229.37	44.41	24.35	4.72	0.03	0	16.66	0	40.6	303.17	264.71
90.43	240.85	43.82	25.91	6.9	0.18	0	19.5	0	57.64	279.25	273.02
100.23	265.86	35.95	26.95	6.93	0.1	0	19.17	0	62.34	270.85	277.19
106.6	279.77	41.76	28.79	12.13	0.26	0	19.97	0	65.01	271.17	247.79
110.7	284.72	45.31	32.79	12.59	0.2	0	13.46	0	75.27	297.26	246.76
111.92	297.95	45.22	32.86	7.89	0.23	0	17.06	0	66.05	272.12	240.05
117.87	319.83	47.5	33.53	9.4	0.22	0	18.32	0	63.22	261.29	241.8
120.98	332.66	48.29	36.8	11.78	0.15	0	13.08	0	76.71	253.59	240.21
140.12	340.47	43.99	40.84	7.47	0.43	0	19.98	0	80.67	277.8	251.17
140.66	357.05	44	41.16	9.11	0.53	0	15.56	0	87.42	299.48	246.77
147.71	364.85	66.36	39.99	8.46	0.27	0	12.05	0	83.3	319.53	250.11
153.42	362.95	93.8	45.56	8.95	0.41	0	18.36	0	84.41	324.14	256.57
161.98	378.39	69.98	42.89	9.11	0.37	0	11.54	0	82.31	341.46	270.43
161.41	413.04	81.34	50.34	9.42	0.32	0	12.94	0.01	66.25	327.05	268.4
166.81	400.05	88.1	59.96	6.85	0.27	0	13.95	0	75.4	362.87	257.99
162.53	417.35	109.82	62.01	7.66	0.51	0	14.35	0	92.25	356.14	252.73
157.91	394.9	98.66	58.02	7.58	0.38	0	13.54	0.01	97.52	354.59	251.25
165.61	422.74	100.95	70.56	10.67	0.83	0	16.97	0	98.38	348.48	256.93
166.62	408.52	91.87	70.6	8.23	0.61	0	18.55	0.02	103.76	354.53	256.78
172.57	402.97	92.52	72.75	10.36	0.71	0	12.51	0.01	106.17	327.84	255.08
169.93	415.64	70.09	76.07	8.97	0.83	0	22.37	0.02	116.64	385.19	253.19
163.48	398.23	87.75	77.86	9.6	0.58	0	12.08	0.03	98.35	361.19	246.94
162.84	380.59	89.09	81.38	10.2	0.64	0	16.8	0.02	95.15	362.59	240.95
165.98	375.35	90.55	79.29	10.66	0.74	0	15.49	0.03	95.18	401.56	237.51

166.94	374.64	79.6	83.52	10.44	0.64	0	15.57	0.04	95.78	415.02	243.38
169.95	400.9	91.25	80.3	11.12	0.67	0	18.34	0.04	99.53	370.1	217.38
165.87	409.49	102.38	81.17	11.07	0.73	0	17.08	0.05	90.28	381.5	214.4
168.58	399.49	99.02	83.11	12.06	0.74	0	20.73	0.03	105.68	376.96	201.31
157.22	392.14	86.19	78.51	17.56	0.7	0	10.94	0.04	110.91	353.94	195.6
153.82	424.34	101.25	77.82	10	0.92	0	15.86	0.04	113.45	343.82	184.46
158.76	363.31	98.65	80.91	12.44	1.55	0	15.41	0.07	104.95	358.44	169.9
164.41	348.03	95.21	65.58	14	0.79	0	18.85	0.05	91.2	344.86	162.76
164.97	357.85	98.57	71.01	15.29	0.96	0	18.71	0.05	100.19	334.33	191.53
153.22	375.33	87.94	74.8	18.32	1.11	0	19.44	0.07	95.68	299.18	198.27
152.41	349.89	82.47	72.12	12.28	0.97	0	17.81	0.05	90.28	294.16	208.62
152.33	357.93	86.45	72.59	16.33	1.08	0	17.56	0.06	88.69	299.14	221.52
152.49	367.59	86.92	73.15	14.09	0.98	0	14.64	0.04	93.21	302.38	201.53
157.74	349.56	78.71	70.85	13.39	1.2	0	13.66	0.06	88.72	283.53	224.58
147.2	313	81.99	66.99	13.54	1.05	0	12.94	0.1	101.42	267.51	228.07
134.1644	288.4658	46.57534	67.45205	13.56164	1.068493	0	11.36986	0.191781	160.8219	274.1644	253.6438
131.4795	297.726	63.0137	67.15068	13.42466	1.068493	0	11.12329	0.191781	159.2055	268.4932	257.9452
134.1096	304.3562	63.09589	67.26027	13.53425	1.041096	0	10.82192	0.191781	159.9178	268.7671	254.1644
136.7397	310.4932	63.31507	68.71233	14.10959	1.041096	0	10.49315	0.191781	158.3288	280.1918	241.4521
240.76	622.41	231.9	33.13	7.91	0.32	0	3.37	0.41	112.46	193.74	266.69
197.01	554.53	217.18	31.93	8.83	0.29	0	3.24	0.35	108.3	191.13	277.7
204.91	566.99	219.02	39.85	11.99	0.36	0	3.45	1.15	127.09	204.11	277.2
205.03	554.07	221.35	40.12	13.13	0.27	0	4.08	0.33	140.71	215.42	286.74
186.09	521.57	219.67	48.38	10.76	0.35	0	3.99	1	129.91	208.24	302.37
189.95	540.34	219.64	52.24	12.27	0.28	0	3.72	1.35	128.02	214.35	275.59
181.38	576.9	216.51	53.55	11.71	0.26	0	4.1	0.38	121.17	225.64	247.29
168.82	577.62	218.55	55.75	12.59	0.3	0	3.73	0.6	121.48	209.37	263.77
162.3	564.55	223.35	61.67	12.07	0.29	0	4.19	3.29	127.36	207.24	259.64
166.12	571.48	221.8	60.45	12.91	0.32	0	4.66	1.79	140.39	201.16	276.83
171.03	564.21	216.47	62.02	13.34	0.34	0	5.25	0.88	150.38	196.23	266.56
187.04	543.83	199.33	65.78	13.24	0.36	0	5.09	2.44	150.41	193.85	272.29
184.73	614.43	212.82	68.95	11.17	0.4	0	4.53	0.71	103.08	218.31	301.01
175.37	556.94	174.39	69.43	13.95	0.41	0	6.69	0.63	88	214.03	304.68
182.88	578.94	186.47	64.1	12.85	0.55	0	6.67	0.14	95.18	207.77	283.49
178.09	541.26	188.15	64.84	13.37	0.53	0	6.88	0.59	95.79	213.46	269.65
176.86	512.66	193.17	66.01	11.44	0.63	0	6.64	0.07	106.61	198.11	270.3
177.26	553.58	199.58	62.62	11.72	0.52	0	5.55	1.19	110.7	194.48	271.81
172.29	511.15	207.86	59.89	12.1	0.64	0	5.26	1.11	113.16	204.12	278.55
158.09	558.4	205.2	55.75	12.57	0.73	0	5.37	0.15	119.43	187.98	260.52
155.63	560.01	206.83	52.31	13.12	0.76	0	5.2	2.25	117.57	198.61	253.88
161.863	542.9589	174.7945	56.13699	19.09589	0.684932	0	2.136986	0.109589	171.1507	197.6438	274.411
170.0274	538.7123	134.8219	57.34247	19.23288	0.657534	0	1.753425	0.082192	174.3014	196.5205	265.8356
171.1233	562.9315	170.3014	58.05479	18.68493	0.684932	0	2.109589	0.520548	175.2055	213.726	245.8082
173.0137	549.0137	161.7808	60.16438	18.93151	0.684932	0	2.273973	0.136986	181.3699	216.5205	227.5068
172.48	470.79	294.41	10.43	12.6	0.48	0	5.69	0	124.51	199.16	311.89
173.75	455.88	276.68	10.55	14.24	0.6	0	3.77	0	124.41	211.84	319.39
175.37	459.14	310.46	10.31	12.61	0.59	0	5.35	0	124.8	241.35	320.65
176.59	476.51	326.68	12.19	13.84	0.73	0	5.28	0	121.95	234.82	338.37
188.08	495.67	256.81	10.91	13.78	0.9	0	3.83	0	121.13	207.7	349.17

191.86	483.29	305.61	12.18	14.07	0.64	0	4.55	0	121.27	236.81	338.55
194.04	517.81	330.25	12.31	12.98	0.69	0	5.22	0	119.91	240.2	328.94
204.48	521.41	310.31	15.02	13	0.9	0	4.39	0	128.19	241.4	331.02
203.64	521.8	278.62	15.97	12.45	0.75	0	4.12	0	126.25	213.8	316.35
202.57	520.66	283.4	19.73	12.44	0.89	0	3.42	0	123.06	210.5	311.08
205.75	540.66	297.91	21.12	13.7	0.51	0	3.22	0	121.93	193.47	310.31
208.65	539.43	288.97	21.77	13.25	0.85	0	3.41	0	122.59	204.64	300.49
211.08	549.97	291.75	22.34	12.4	1.05	0	3.82	0	126.4	199.68	294.4
216.08	552.08	297.73	23.79	12.39	1.14	0	3.86	0	125.86	210.49	292.87
222.37	565.55	263.69	24.32	13.17	0.73	0	4.28	0	123.31	205.22	292.4
219.16	580.75	265.79	25.66	14.05	0.49	0	3.48	0	125.21	174.79	291.36
226	561.35	259.65	25.86	12.93	1	0	2.76	0	118.3	208.85	282.97
230.88	576.3	242.18	26.11	12.65	1.43	0	4.31	0	126.53	191.12	287.21
236.19	571.22	228.36	27.11	14.09	0.74	0	5	0	127.33	204.12	284.05
240.24	594.74	181.71	28.48	12.62	0.47	0	4.08	0	123.58	184.24	280.51
242.29	596.22	217.48	27.72	13.7	0.55	0	4.64	0	121.3	185.57	286.52
217.87	582.38	217	26.32	9.86	0.64	0	4.27	0	123.06	230.4	297.19
234.85	577.68	215.85	27.38	10.43	0.22	0	4.69	0	117.83	215.03	295.63
238.41	574.7	222.71	26.51	11.26	0.73	0	4.07	0	115.58	248.04	302.37
239.3	578.39	215.28	27.31	10.72	0.4	0	3.17	0	109.57	232.85	299.33
234.94	559.12	218.93	28.78	11	0.4	0	4.27	0	116.09	239.96	298.96
239.23	568.19	213.98	31.31	11.57	0.29	0	4.25	0	113.51	273.43	308.54
249.89	566.24	227.42	32.5	11.85	0.9	0	3.48	0	123.68	245.8	313
250.27	561.98	224.03	38.34	11.85	0.64	0	5.12	0	120.13	237.94	316.11
247.03	525.98	222.23	40.07	16.53	0.39	0	5.26	0	136.4	214.31	324.7
211.48	425	219.66	35.02	7.91	0.25	0	3.12	0	126.85	213.37	316.43
211.64	393.15	217.45	32.28	7.89	0.33	0	3.78	0	129.49	165.97	277.73
18.21	0.48	62.28	3.87	230.62	0	0	0.73	30.53	3.52	247.03	27.65
18.12	0.55	61.2	3.81	243.29	0	0	0.8	30	3.3	249.86	25.74
18.31	0.56	60.22	3.75	261.73	0	0	0.83	29.52	4.54	250.66	26.28
18.93	0.8	59.16	3.99	270.21	0	0	0.87	30.78	4.71	254.19	39.86
18.58	1.05	57.9	3.9	220.97	0	0	0.88	32.75	4.69	253.71	62.26
19.34	1.43	56.48	3.72	236.24	0	0	0.89	33.01	4.54	252.78	69.54
19.96	1.79	54.95	3.76	200.72	0	0	0.91	33.15	18.89	252.07	71.89
19.48	2.13	53.39	3.81	201.06	0	0	0.9	33.22	26.74	251.6	76.14
20.16	2.81	51.86	3.76	235.69	0	0	0.89	33.25	31.93	249.2	66.49
22.79	2.91	51.71	3.81	228.85	0	0	0.92	33.27	34.7	248.05	72.92
23.36	3.18	50.31	3.87	228.31	0	0	0.91	33.29	34.72	267.32	75.95
24.83	3.44	48.98	3.96	212.71	0	0	0.9	33.31	32.16	273.53	99.69
24.33	3.7	47.76	4.15	235.38	0	0	0.91	33.36	28.44	283.29	114.88
26.83	3.94	46.69	4.34	208.36	0	0	0.92	32.62	22.76	293.93	110.32
28.35	4.19	54.95	4.54	206.93	0	0	0.92	31.98	21.04	327.78	124.41
29.86	4.72	58.57	4.65	247.2	0.08	0	0.92	29.82	21.53	333.75	111.48
31.49	5.59	62.25	4.86	233.39	0.08	0	0.94	27.79	22.74	334.83	102.5
32.22	6.45	65.38	4.98	197.68	0.16	0	0.96	28.28	24.24	356.25	103.97
33.8	7.59	65.17	5.1	240.54	0.16	0	0.99	27.16	17.36	359.45	103.79
34.47	8.09	66.49	5.69	194.95	0.16	0	1.05	26.81	18	361.79	86.38
35.82	8.86	65.54	5.69	221.66	0.17	0	1.11	24.87	17.07	381.93	96.7
35.44	9.02	66.61	5.72	136.84	0.17	0	1.13	24.49	18.3	397.97	97.36

36.92	9.73	67.59	5.9	153.15	0	0	1.24	24.85	16.37	402.89	63.9
36.54	9.87	68.52	6	156.97	0	0	1.19	25.93	16.11	430.59	51.32
37.92	10.41	73.42	6.1	140.45	0	0	1.27	26.99	15.86	441.87	70.63
38.41	10.93	67.82	6.35	164.66	0	0	0.8	27.31	13.91	461.84	70.25
39.07	11.17	68.78	6.6	147.38	0	0	1.2	28.34	14.6	466.6	65.95
40.19	11.29	63.12	6.85	129.68	0	0	1.06	28.64	13.29	470.52	73.32
40.21	11.26	68.72	7.08	152.5	0	0	1.07	28.64	12.12	502.72	59.19
39.88	11.35	74.73	7.18	190.97	0	0	1.52	28.76	11.21	539.56	60.28
42.82	11.42	71.94	7.39	189.65	0	0	1.26	28.85	12.69	530.89	56.52
31.75	11.62	77.64	5.5	191.51	0	0	1.34	25.64	11.43	476.84	52.18
27.9	10.46	31.5	4.4	195.03	0	0	1.26	21.84	13.08	420.23	73.28
24.86	10.91	48.42	3.3	207.24	0	0	0.98	24.62	9.64	427.44	54.5
22.83	10.18	37.01	3	216.3	0	0	0.87	23.2	6.42	379.61	61.64
20.07	9.5	42.53	3.03	215.81	0.01	0	1.21	23.46	5.95	375.36	63.93
16.62	9.21	66.75	2.52	216.64	0	0	1.28	25.25	5.89	365.54	67.29
20.44	9.88	105.05	2.79	220.7	0	0	1.42	17.64	4.71	389.5	64.36
24.76	9.92	121.33	3.19	213.62	0	0	1.35	16.44	6.71	396.29	65.08
29.24	10.27	152.4	3.68	207.61	0	0	1.49	20.04	7.31	407.78	67.58
34.27	10.41	183.5	4.35	209.37	0	0	1.4	13.73	7.93	408.71	70.73
40.61	11.78	150.96	4.87	210.97	0	0	1.97	16.17	7.5	411.25	74.21
36.1	10.45	160.74	5.23	213.86	0	0	1.63	11.63	8.51	415.12	76.75
36.1	17.15	161.58	5.39	214.68	0.01	0	1.61	13.88	8.33	411.41	77.16
36.64	16.45	161.84	5.28	215.43	0	0	1.56	10.6	6.42	412.08	76.56
35.2	11.34	155.06	5.13	213.07	0	0	1.4	9.27	7.36	396.98	73.18
33.68	13.13	145.72	5.02	208.93	0	0	1.57	11.21	13.43	383.59	71.2
32.42	13.32	115.05	4.82	205.51	0	0	1.84	10.49	15.49	401.02	67.9
33.42	12.16	117.51	4.8	204.06	0	0	1.61	8.66	13.48	401.31	64.32
33.47	11.38	128.87	4.77	203.14	0	0	1.84	8.95	12.91	383.11	61.67
35.08	10.3	132.08	4.75	204.68	0	0	1.58	8.9	11.36	337.39	63.89
35.18	10.47	130.47	4.85	204.9	0	0	1.69	8.3	10.82	346.56	58.07
35.23	10.41	134.3	4.82	203.23	0	0	1.68	8.03	10.77	345.27	58.55
33.56164	8.657534	127.2603	5.041096	313.0685	0	0	1.808219	7.972603	11.80822	350.274	60.27397
34.21918	8.575342	131.9178	4.794521	311.6164	0	0	2.246575	7.945205	11.39726	351.2603	58.30137
35.80822	8.547945	132.8493	4.575342	312.3288	0	0	1.589041	7.945205	11.12329	351.1233	57.42466
34.82192	8.520548	132.0548	4.438356	303.1233	0	0	1.150685	5.561644	9.945205	348.9589	58.65753
149.3	662.67	334.46	19.88	3.51	0.56	0	2.44	0	140.83	111.76	159.18
131.32	591.97	318.71	21.78	3.71	0.61	0	2.85	0	146.6	110.97	158.75
131.46	657.59	302.48	16.48	3.84	0.55	0	2.02	0	143.63	125.55	158.39
128.11	666.13	299.94	22.37	3.52	0.61	0	2.41	0	140.23	111.91	154.46
128.29	650.82	301.79	18.7	3.7	0.56	0	2.62	0	145.49	96.55	148.95
149.6	657.83	277.05	13.35	3.69	0.69	0	3.31	0	146.53	124.34	149.25
148	642.24	261.35	10.18	3.58	0.56	0	2.69	0	146.12	107.1	145.65
142.63	593.78	263.14	11.7	3.77	0.66	0	2.93	0	142.43	111.12	144.75
147.5	637.76	217.79	11.2	3.47	0.59	0	3.47	0	144.05	105.6	143.44
142.57	592.49	234.05	15.84	3.84	0.69	0	3.85	0	149.12	144.99	146.15
146.12	634.32	235.14	13.38	5.32	0.67	0	3.8	0	145.22	123.58	142.95
146.53	631.59	230.87	17.69	4.8	0.73	0	4.48	0	140.77	118.78	146.17
142.34	542.47	232.81	21.3	4.81	0.94	0	4.73	0	150.22	126.31	139.03
145.64	611.25	233.14	20.26	4.37	0.81	0	4.06	0	148.73	125.71	140.69



159.7	653.36	210.01	18.36	4.02	0.69	0	3.93	0	139.07	113.84	141.73
164.1	570.9	177.06	24.08	6.09	0.83	0	4.83	0	146.8	136.89	142.55
167.92	628.12	228.83	22.38	4.8	0.57	0	5.33	0	125.82	162.28	144.53
182.49	628.4	215.62	24.79	4.16	0.92	0	5.06	0	131.9	134.26	148.7
182.7	585.22	210.83	22.65	4.83	0.94	0	5.06	0	126.16	165.16	146.63
200.65	581.77	213.17	23.09	5.06	0.95	0	4.7	0	130.07	158.04	148.12
186.59	632.78	217.61	24.48	5.37	0.64	0	5	0	130.6	180.81	154.75
173.49	598.55	214.31	25.59	5.16	0.84	0	5.81	0	134.18	187.02	152.94
180.07	563.08	211.34	27.12	5.27	0.82	0	6.28	0	133.93	174.55	151.36
193.14	518.16	211.11	28.79	5.98	0.78	0	6.39	0	125.09	194.13	154.67
203.85	653.81	211.05	30.54	6.87	1.09	0	6.29	0	125.87	216.61	157.84
232.54	618.62	216.15	34.54	7.2	0.94	0	7.14	0	124.26	228.43	158.98
239.1	671.45	201.66	32.96	7.5	1.02	0	7.33	0	126.42	216.88	166.25
242.05	700.67	206.54	32.66	7.46	0.86	0	6.57	0.01	120.75	222.75	163.66
243.68	722.28	198.55	35.19	3.3	0.89	0	7	0.01	116.2	211.28	153.63
271.21	668.63	207.76	33.26	3.67	1.12	0	7.51	0.02	122.27	192.33	159.98
271.62	678.13	192.98	37.98	4.1	0.84	0	9.5	0.04	131.48	200.13	172.88
272.61	575.17	205.95	39.64	3.48	1.28	0	9.75	0.04	134.69	221	177.39
274.08	550.18	207.87	35.73	3.77	1.48	0	9.92	0.05	141.45	207.73	186.21
262.64	537.72	199	42.29	3.78	1.6	0	9.18	0.04	142.29	211.53	190.36
255.65	686.18	202.93	45.64	3.31	2	0	8.91	0.07	138.02	196.46	203.91
259.07	696.21	209.9	43.68	3.1	1.18	0	9.96	0.05	132.3	208.71	202.57
229.66	644.76	217.06	50.12	3.03	1.17	0	10.61	0.03	146.2	235.04	224.76
267.09	646.72	221.86	45.34	4.77	1.94	0	10.34	0.08	138.56	220.87	234.7
180.96	654.27	215.35	47.73	11.13	1.93	0	10.05	0.03	135.73	254	237.1
178.03	671.04	217.52	47.51	8.62	1.4	0	11.85	0.06	147.07	245.07	227.3
194.28	709.54	222.99	55.58	9.15	1.53	0	13.11	0.09	142.39	245.71	270.3
219.72	601.48	211.21	55.3	10.01	1.48	0	10.8	0.13	157.86	260.24	297.45
203.07	580.95	209.7	50.16	12.16	2.34	0	12.13	0.12	158.12	273.35	297.93
195.1	626.44	206.86	46.31	12.02	2.56	0	13.42	0.14	158.59	281.53	279.95
232.91	846.16	207.58	53.9	14.37	1.75	0	11.44	0.13	139.1	267.95	291.12
200.15	751.77	229.83	52.24	17.03	2.17	0	12.27	0.12	147.84	273.36	288.44
210.62	732.13	222.6	54.7	13.59	1.44	0	11.32	0.17	171.75	266.67	257.15
179.1	748.91	204.35	62.25	12.68	1.8	0	10.93	0.12	146.57	274.83	286.58
138.01	819.61	207.56	51.81	13.67	2.17	0	12.23	0.15	143.55	320.65	279.64
170.7	742.47	161.35	60.23	13.48	2.4	0	12.23	0.17	146.8	331.41	297.37
150.43	806.16	163.61	70.57	15.15	2.6	0	14.48	0.17	145.95	334.23	276.24
165.47	701.05	166.32	60.4	14.67	4.58	0	14.46	0.14	151.92	299.81	263.3
169.75	789.63	171.41	73.28	13.59	3.92	0	14.83	0.09	151.9	288.74	268.49
128.0822	827.0411	157.5068	64.9863	14.38356	3.726027	0	7.315068	0.410959	150.1096	266.0822	239.5616
132.137	856.6575	158.3288	50.30137	10.76712	3.671233	0	6.438356	0.410959	150.3014	255.5068	249.0137
138.3836	880.5479	160.7945	71.72603	11.89041	3.726027	0	6.082192	0.410959	150.4932	265.1233	252.3836
132.274	880.1918	164.0274	79.39726	12.54795	3.753425	0	6	0.410959	151.4795	276.7671	253.3425
100.9	80.32	3.11	0	99.63	0	0	0	0	98.14	29.98	99.63
97.22	76.3	2.91	0	81.61	0	0	0	0	85.54	28.07	112.7
93.48	72.42	2.71	0	75.95	0	0	0	0	97.3	26.12	101.27
89.42	74.76	2.54	0	78.64	0	0	0	0	71.69	26.98	125.15
84.82	69.88	2.38	0	81	0	0	0	0	93.22	31.79	120.71
85.45	75.99	4.45	0	82.19	0	0	0	0	79.29	46.34	107.88

83.38	76.83	4.18	0	80.1	0	0	0	0	101.96	38.65	112.21
83.63	73.2	3.91	0	95.93	0	0	0	0	91.81	38.59	102.06
83.84	69.71	5.48	0	77.26	0	0	0	0	68.51	36.18	98.25
81.23	71.61	5.14	0	89.55	0	0	0	0	90.44	41.51	108.19
80.26	69.02	6.48	0	89.65	0	0	0	0	90.22	42.21	113.95
79.51	72.98	6.12	0	76.53	0	0	0	0	95.86	48.13	112.69
72.97	68.67	7.17	0	71.72	0	0	0	0	109.47	46.59	114.63
73.67	102.28	6.68	0	66.82	0	0	0	0	106.57	47.13	114.49
74.52	135.92	7.34	0	82.6	0	0	0	0	100.13	43.25	114.16
75.65	172.45	6.6	0	84.68	0	0	0	0	104.04	41.1	111.5
62.52	140.42	9.86	0	67.01	0	0	0	0	105.09	39.52	125.38
57.99	155.32	8.9	1.97	80.95	0	0	0	0	98.33	39.7	125.52
60.31	156.41	16.26	1.6	81.92	0.97	0	0.19	0	81.46	64.65	107.98
67.01	147.55	11.61	1.86	78.38	0.84	0	0.16	0	86.53	161.05	110.29
58.59	187.82	13.65	2.51	79.43	1.26	0	1.18	0	85.17	178.87	103.42
47.37	207.25	5.47	6.64	84.57	1.53	0	0.11	0	91.94	178.64	92.22
48.55	211.56	3.53	2.33	82.13	1.32	0	0.18	0	88.34	165.67	100.04
51.03	186.14	1.77	2.18	87.18	1.96	0	0.22	0	84.04	203.97	98.94
50.36	176.8	8.2	1.87	94.94	1.26	0	1.03	0	87.75	200.95	116.89
50.38	173.05	1.04	1.27	103.12	1.32	0	0.53	0	91.48	194.02	120.08
44.28	157.63	0.88	1.77	100.98	1.8	0	0.16	0	84.85	189.49	124.01
42.05	159.19	0.36	1.4	104.5	1.93	0	0.29	0	85.63	198.06	117.73
37.71	146.75	13.87	1.26	103.01	1.48	0	0.27	0	85.63	157.82	128.24
39.88	127.14	11.69	1.3	106.37	1.25	0	0.22	0	83.43	178.5	144.02
44.35	114.26	7.34	1.02	103.67	1.64	0	0.25	0	81.66	130.37	116.78
44.13	122.55	5.62	1.27	101.1	1.58	0	0.5	0	81.13	114.89	133.01
46.55	147.24	3.84	1.49	106.69	1.75	0	0.44	0	79.15	122.98	143.04
45.1	145.27	1.74	1.17	115.38	1.59	0	0.37	0	79.75	99.36	139.95
43.78	150.67	0.06	1.24	113.88	1.5	0	0.32	0	81.08	124.62	152.49
43.38	137.09	0.3	1.09	115.1	1.23	0	0.26	0	75.86	92.95	176.37
43.38	169.31	0.26	1.08	116.68	0.88	0	0.21	0	74.96	94.61	176.18
41.86	156.11	0.16	1.06	116.24	2.1	0	0.15	0	76.22	94.33	194.13
43.23	187.26	0.1	1.08	111.97	0.99	0	0.1	0	73.37	96.3	209.24
51.77	194.26	0.09	1.59	113.26	0.58	0	0.05	0	73.16	97.73	218.04
50.61	183.44	0.08	1.57	114.12	0.47	0	0.07	0	72.22	92.76	217.58
47.98	207.13	16.08	1.32	114.24	1.42	0	0.08	0	73.5	111.49	224.68
49.04	190.86	20.36	2.21	114.03	1.7	0	2.48	0	74.59	117.17	244.72
42.09	183.04	0.04	8.85	116.25	0.36	0	4.69	0	73.1	95.5	261.03
54.34	155.16	0.73	13.35	113.49	6.81	0	5.22	0	73.44	205.16	272.31
69.91	168.35	0.54	21.5	115.78	1.6	0	5.12	0	74.72	184.78	284.83
83.76	171.86	33.61	19.84	116.58	1.17	0	5.07	0	79.42	159.33	282.25
71.69	144.65	28.79	21.02	118.3	0.74	0	5.11	0	82.14	150.2	288.77
48.54	142.3	31.27	14.43	120.69	0.85	0	3.68	0	80.57	172.13	301.38
59.9	95.35	41.38	4.43	121.61	0.65	0	2.66	0	83.38	191.85	312.27
49.59	109.94	40.05	2.31	121.74	1.22	0	1.62	0	84.7	198.4	318.16
48.39	120.27	37.92	14.66	119.29	4.08	0	0.37	0	90.62	200.81	331.22
51.88	164.27	45.64	5.63	119.08	4.29	0	0.26	0	92.98	197.57	326.03
45.67123	73.45205	43.09589	5.041096	121.6164	2.328767	0	0.657534	0	96.87671	254.2192	323.5068
44.60274	98.73973	44.27397	5.890411	123.1507	1.643836	0	1.123288	0.082192	96.35616	264.9589	335.1233

40.68493	83.26027	43.31507	5.726027	124.8219	3.315068	0	1.178082	0	100.9315	240.1096	326.274
39.94521	68.76712	43.86301	7.342466	125.6986	1.972603	0	0.958904	0	99.31507	240.137	340.1096
47.82	97.66	6.56	7.86	16.71	5.61	0	0.45	0	123.93	261.97	171.98
50.98	99.13	6.45	11.27	21.79	5.26	0	0.44	0	118.1	263.44	191.79
50.33	105.75	7.61	12	20.18	5.7	0	0.43	0	121.64	266.47	195.09
53.19	108.34	7.71	13.36	19.31	5.69	0	0.43	0	124.41	265.65	193.29
50.82	111.95	7.88	15.13	19.43	5.65	0	0.42	0	121.32	266.95	197.99
50.59	118.52	7.76	16.81	21.96	5.81	0	0.42	0	136.78	257.76	167.14
49.36	120.96	7.7	17.85	14.54	5.44	0	0.56	0	135.05	247.74	172.3
50.99	136.5	8.3	20.13	18.66	5.36	0	0.4	0	137.37	247.28	193.13
52.71	168.94	9.35	22.7	16.05	5.21	0	0.35	0	138.04	244.78	183.74
55.85	157.2	8.99	27.71	16.52	5.33	0	0.27	0	138.38	241.46	181.84
52.65	161.79	8.33	28.65	18.65	5.33	0	0.19	0	134.98	236.52	178.84
57.68	134.76	4.41	27.05	18.38	5.48	0	0.11	0	130.67	242.08	181.91
45.52	158.3	7.57	17.66	18.91	5.1	0	0	0	104.18	244.16	176.41
45.07	162.4	6.66	18.95	20.89	5.25	0	0.19	0	115.01	246.59	178.95
43.88	159.31	6.7	26.18	21.12	5.18	0	0.11	0	122.8	221.7	175.25
44.81	120.62	5.59	28.15	19.4	5.48	0	0	0	125.69	230.38	177.64
47.68	205.22	6	37.38	15.31	5.22	0	0	0	111.25	229.68	182.44
45.8	234.01	6.52	40.73	18.03	5.48	0	0	0	117.68	243.93	188.77
40.99	208.16	6.28	41.1	12.02	5.55	0	0	0	58.57	418.82	216.59
43.44	220.62	8.11	36.64	17.86	5.92	0	0	0	95.25	369.22	215.47
39.94	226.29	7.71	49.57	18.26	6.32	0	0	0	99.18	352.14	218.21
45.06	240.82	5.84	45.11	23.23	6.43	0	0	0	114.07	349.91	213.09
41.75	236.81	7.23	59.32	10.81	7.2	0	0	0	117.98	345.36	217.9
45.72	262.55	5.15	67.97	25.95	8.26	0	0	0	124.05	348.13	213.39
46.58	299.08	1.78	59.31	28.29	8.44	0	0	0	128.17	336.31	221.99
53.41	355.47	4.47	73.41	43.5	9.8	0	0	0.08	134.1	351.2	222
68.76	366.62	6.51	73.78	31.81	7.8	0	0	0.08	142.39	348.15	232.88
67.84	388.52	7.65	74.85	31.66	8.41	0	0	0.04	143.61	318.71	225.87
71.57	385.86	10.11	90.06	31.06	7.76	0	0	0.12	144.6	306.29	239.16
81.18	390.02	11.54	75.01	33.69	5.79	0	0	0	149.09	337.24	238.27
70.67	407.39	8.76	81.81	30.1	2.7	0	0	0	145.59	326.2	231.46
73.26	344.52	8.14	108.05	33.88	2.47	0	0	0	144.3	316.36	227.17
67.64	346.04	7.49	114.18	32.8	2.39	0	0	0	148.99	300.41	210.73
73.98	326.87	7.76	108.39	32.18	6.17	0	0.15	0.08	151.75	325.99	238.76
84.44	376.83	15.24	100.1	22.12	4.36	0	0.31	0.04	142.8	402.06	237.05
87.01	373.65	13.85	100.63	19.16	5.44	0	0.29	0.17	135.62	389.17	208.72
80.22	462.34	16.32	94.97	18.84	3.94	0	2.16	0.14	139.75	373.99	192.32
72.3	451.8	12.55	81.88	10.54	3.33	0	0.72	0.07	138.34	459.83	181.07
59.73	506.94	11.49	83.52	14.99	4.11	0	0.33	0.07	133.95	406.35	195.73
92.51	427.18	22.04	103.18	23.43	10.88	0	7.75	0.07	135.41	396.03	207.07
86.01	423.01	22.19	106.66	21.41	4.81	0	6.63	0.05	133.28	441.18	216.68
87.89	430.24	23.59	107.49	19.84	9.66	0	7.95	0.09	133.24	446.23	207.83
82.39	408.34	24.61	100.4	20.51	11.58	0	10.59	0.09	135.1	460.99	214.59
93.66	362.84	26.04	111.65	22.21	4.97	0	8.18	0.08	141.27	468.71	199.13
94.77	340.53	25.98	102.84	21.84	9.41	0	8.32	0.05	137.97	469.88	217.22
89.97	524.64	27.33	92.29	19.88	10.69	0	7.12	0.04	142.43	405.17	216.35
95.83	531.27	27.46	89.23	20.13	9.76	0	9.98	0.06	144.88	397.38	223.97

97.03	579.57	31.33	92.85	22.4	8.14	0	9.7	0.06	144.24	372.23	224.31
93.11	552.46	40.07	83.02	22.91	12	0	8.8	0.05	141.12	366.24	226.88
93.62	492.17	33.07	80.7	22.05	9.72	0	6.83	0	140.26	349.39	211.34
73.83	478.66	26.23	84.9	21.81	10	0	8.95	0.17	135.64	346.73	216.23
82.89	437.61	18.59	84.21	20.66	6.85	0	9.72	0.06	133.86	395.14	194.41
63.01	375.56	36.38	85.49	23.01	17.76	0	15.16	0.03	131.63	401.33	195.3
63.91781	210.6027	25.53425	98.65753	34.60274	8.219178	0	1.068493	0.027397	168.6849	425.1781	127.0411
64.05479	211.9178	26.87671	96.76712	24.16438	7.835616	0	4.520548	0.109589	164	408.6575	127.3973
61.94521	278.274	26.30137	99.69863	25.64384	7.69863	0	2.767123	0.054795	168.3836	404.7397	120.4384
60.93151	239.589	27.34247	96.41096	34.82192	8.191781	0	0.191781	0.027397	171.9726	401.2603	119.3973
31.8	138.84	4.18	15.2	62.62	0.94	0	0.89	0	63.51	50.57	41.25
33.49	157.07	7.41	15.68	56.76	1.08	0	0.87	0	88.32	54.85	43.95
31.3	158.59	4.74	16.89	78.67	1.12	0	0.89	0	87.85	51.85	35.45
31.82	187.38	10.87	16.45	76.8	1.24	0	0.86	0	81.2	55.4	36.95
28.18	158.36	9.29	16.21	80.4	0.86	0	0.78	0	72.16	59.93	40.4
29.15	187.32	10.43	16.38	78.24	1.11	0	0.81	0	78.14	75.72	41.91
27.83	184.37	10.63	16.53	73.83	1.01	0	0.76	0	73.62	76.48	54.1
28.8	207.54	9.54	16.72	78.28	1.07	0	0.74	0	87.46	78.56	54.51
29.09	209.06	11.15	16.88	75.16	1.05	0	0.7	0	84.06	76.56	53.39
28.69	214.38	11.12	17.35	77.76	0.96	0	0.7	0	76.47	73.86	52.82
31.22	219.56	10.8	17.72	78.16	1	0	0.64	0	81.36	73.5	52.21
32.56	200.01	10.98	17.84	85.58	0.84	0	0.64	0	84.32	73.7	53.05
33.34	185.13	12.76	17.89	96.07	0.61	0	0.59	0	95.91	103.85	56.54
33.47	183.46	12.7	16.35	110.53	0.91	0	0.62	0	94.53	104.92	63.48
33.54	169.17	12.12	19.11	114.17	0.92	0	0.61	0	89.05	107.37	64.42
35.67	174.57	10.32	19.15	119.95	0.89	0	0.6	0	87.55	120.53	59.9
36.6	210.54	4.79	19.8	116.77	0.87	0	0.61	0	90.4	95.08	64.37
38.97	178.44	4.6	23.19	121.69	0.94	0	0.61	0	91.95	84.73	63.97
39.65	223.24	5.34	26.67	126.32	0.76	0	0.6	0	93.5	84.66	66.28
38.12	230.97	5.28	33.94	132.01	0.78	0	0.59	0	100.04	100.03	70.03
33.37	229.13	4.05	29.93	134.88	0.85	0	0.62	0	96.44	88.56	73.5
33.33	226.43	4.25	27.32	135.11	1.11	0	0.53	0	100.81	88.69	76.65
33.67	236.75	6.29	32.74	138.76	1.1	0	0.53	0	106.21	93.02	81.2
32.2	220.66	3.08	36.53	137.32	1.14	0	0.48	0	111.16	89.6	79.69
34.98	213.74	3.04	34.02	136.52	1.02	0	0.5	0	127.91	91.13	108.91
32.93	197.15	3.8	34.58	143.91	1.05	0	0.51	0	121.04	88.03	90.6
36.42	191.49	8.79	36.98	124.63	1.05	0	0.5	0	111.12	101.74	89.61
39.44	191.26	8.79	41.86	116.34	0.91	0	0.48	0	90.53	96.03	91.78
41.28	196.15	10.97	43.24	126.55	0.92	0	0.47	0	94.3	95.33	78.77
41.35	174.11	9.29	42.25	129.85	0.96	0	0.46	0	76.12	74.23	57.03
46.06	212.46	8.4	42.3	129.41	0.92	0	0.34	0	93.21	72.61	66.51
48.02	219.51	10.55	44.41	122.59	0.98	0	0.34	0	101.51	75.42	70.86
52.51	214.26	5.95	45.63	118	0.82	0	0.33	0	109.35	69.46	63.75
51.7	212.48	6.17	45.97	116.96	0.91	0	0.33	0	109.86	71.82	77.39
53.7	206.41	9.3	47.23	118.44	0.88	0	0.32	0	109.17	74.01	83.8
54.29	212.5	6.59	50.29	114.29	0.8	0	0.31	0	108.13	103.91	64.11
54.14	208.4	6.02	53.91	116.09	0.7	0	0.31	0	105.41	121.03	55.5
54.44	209.35	4.61	62.4	115.27	0.68	0	0.3	0	97.91	117.26	59.1
47.06	175.31	7.94	60.66	116.78	0.8	0	0.31	0	99.69	135.71	32.68

47.48	169.18	5.97	67.43	122.24	0.66	0	0.3	0	96.11	123.59	63.1
48.28	154.52	17.22	64.03	128.71	0.7	0	0.3	0	111.44	144.27	41
48.75	190.94	14.42	56.68	114.84	0.95	0	0.29	0	111.14	136.27	61.88
46.46	127.75	14.47	47.24	93.23	0.97	0	0.32	0	106.02	153.98	50.99
42.02	128.99	11.38	71.4	113.23	1.04	0	0.31	0	105.95	147.02	53.8
52.55	144.06	15.79	86.99	128.75	1.08	0	0.29	0	107.84	153.8	55.9
64.54	156.7	12.6	91.6	132.61	1.29	0	0.33	0	102.44	130.59	66.25
64.34	169.7	12.75	95.04	126.49	1.12	0	0.3	0	104.7	119.55	70.37
63.54	188.44	11.41	86.87	123.26	1.11	0	0.34	0	103.41	127.14	67.76
63.55	181.09	11.12	93.03	133.29	1.14	0	0.31	0	95.75	130.42	51.61
68.27	167.16	13.08	96.35	134.62	1.02	0	0.2	0	90.11	134.42	78.79
66.84	159.67	13.57	77.5	135.46	0.99	0	0.2	0	87.56	158.36	82.66
56.72	177.5	15.54	68.42	140.3	1	0	0.2	0	91.42	145.82	81.18
59.45	202.78	16.68	75.5	143.8	0.89	0	0.2	0	95.34	141.94	82.94
57.20548	204.2466	20.63014	89.72603	207.0959	1.041096	0	0.410959	0.082192	91.36986	116.5205	79.47945
63.72603	213.5068	22.19178	91.50685	205.0959	1.150685	0	0.465753	0.136986	95.0411	140.6575	78.43836
62.71233	240.9315	22.93151	96.41096	207.863	1.041096	0	0.410959	0.082192	88.57534	137.8082	78.05479
65.86301	265.6986	23.56164	96.60274	205.9726	0.986301	0	0.547945	0.082192	92.19178	126	77.39726
42.75	86.31	21.56	3.77	29.71	0.23	0	2.84	0.2	23.98	130.87	31.24
41.95	86.52	20.41	3.78	29.54	0.24	0	2.68	0.25	25.06	131.23	31.3
40.56	83.33	20.66	3.72	31.53	0.23	0	2.83	0.24	25.15	130.63	31.5
39.82	83.48	19.63	3.75	31.26	0.26	0	2.44	0.26	25.61	127.66	29.86
38.74	84.42	18.99	3.79	29.58	0.25	0	2.24	0.27	27.08	122.13	33.72
39.69	85.07	20.19	3.96	30.07	0.26	0	2.89	0.28	28.17	121.57	35.29
39.19	84.39	21.62	4.05	29.58	0.23	0	2.62	0.29	28.46	120.29	34.34
39.34	82.44	20.9	4.09	28.61	0.22	0	2.55	0.45	28.99	118.01	35.99
38.82	83.71	21.5	4.39	29.24	0.21	0	3.36	0.37	29.08	118.03	35.91
38.78	87.43	21.79	4.52	29.86	0.21	0	3.87	0.55	31.28	121	38.04
36.27	88.96	21.63	4.61	32.29	0.21	0	4.8	0.5	34.18	120.51	39.18
36.08	86.53	22.26	4.67	31.07	0.18	0	2.69	0.62	34.14	118.01	40.74
35.84	82.59	25.44	4.71	33.16	0.21	0	3.66	0.54	35.47	117.96	33.04
34.41	82.39	24.88	4.62	33.74	0.21	0	3.27	0.54	33.92	119.32	35.35
33.47	83.2	25.87	4.78	33.56	0.22	0	3.29	0.58	31.16	117.57	37.53
33.48	81.24	31.07	4.83	34.6	0.22	0	3.63	0.67	32.47	126.47	31.13
34.23	83.58	27.7	5.03	34.43	0.21	0	3.57	0.67	33.76	125.54	31.52
36.41	87.26	30.96	5.11	34.45	0.23	0	3.49	0.67	32.92	131.09	33.31
34.77	86.46	29.21	5.14	31.6	0.24	0	2.52	0.62	35.21	136.05	32.82
34.22	83.8	25.59	4.88	33.6	0.21	0	2.59	0.48	36.06	132.99	40.61
33.52	83.49	28.37	4.75	30.35	0.23	0	2.43	0.71	37.23	133.35	35.93
33.65	84.21	32.15	4.71	33.2	0.21	0	2.68	0.63	36.37	135.33	38.05
32.98	83.92	30.85	4.62	34.73	0.2	0	3	0.41	34.58	129.74	37.28
32.14	85.4	25.74	4.31	32.12	0.17	0	2.86	0.35	35.58	122.59	33.99
32.05	89.03	32.15	4.59	32.42	0.18	0	2.95	0.45	34.93	121.69	40.35
33.04	94.49	30.82	4.69	34.61	0.18	0	2.96	0.38	35.48	126.59	38.57
30.59	89.1	26.66	4.44	33.17	0.2	0	2.6	0.4	33.9	124.46	40.28
30.77	90.38	24.25	4.52	29.36	0.2	0	3.1	0.54	32.31	122.31	44.89
31.25	88.44	34.23	4.54	31.93	0.19	0	3.27	0.8	32.45	120.12	39
31.42	88.7	32.74	4.24	30.42	0.21	0	3.33	0.88	31.13	121.8	41.49
31.59	81.88	37.46	4.28	28.44	0.18	0	3.22	0.84	31.08	120.56	42.41

30.99	80.14	30.99	4.27	25.57	0.2	0	3.09	0.68	30.87	124.52	43.09
27.88	77.28	31.11	3.83	28.36	0.24	0	2.77	0.41	31.11	127.46	38.37
27.22	74.72	30.8	3.76	29	0.25	0	2.68	0.34	31.39	132.07	42.38
28.5	73.82	32.89	3.85	27.99	0.25	0	2.8	0.68	31.9	134.01	41.25
28.06	73.31	32.26	3.84	28.75	0.25	0	3.03	0.47	31.69	134.02	43.05
27.83	74.5	36.4	3.9	29.8	0.24	0	3.29	0.5	32.15	132.24	41.8
27.59	74.96	38.87	3.92	30.67	0.26	0	3.15	0.7	31.79	133.05	43.59
28.67	76.46	45.14	3.84	30.46	0.29	0	2.8	0.64	31.42	133.12	43.49
27.47	73.84	43.44	3.98	32.11	0.39	0	2.77	0.94	33.17	130.72	48.45
26.87	76.67	52.9	4.58	32.99	0.4	0	2.85	0.88	33.43	133.76	52.54
27.6	96.52	46.24	4.51	33.5	0.38	0	2.53	0.84	33.02	131.45	52.93
27.41	98.85	53.33	4.45	35.74	0.43	0	2.63	0.85	30.38	138.38	54.97
27.65	105.16	51.92	4.4	36.67	0.46	0	2.28	0.59	36.08	135.85	54.86
28.81	104.8	62.39	4.44	37.52	0.48	0	2.37	1.2	37.25	138.53	60.97
29.3	102.9	61.49	4.24	38.56	0.42	0	2.03	0.86	37.97	144.3	58.7
29.83	100.02	59.19	4.37	38.83	0.52	0	2.09	1.23	39.85	143.98	58.44
30.31	107.64	59.29	4.46	40.1	0.59	0	2.38	1.52	39.91	134.63	56.28
29.79	107.88	56.48	4.71	40.52	0.53	0	2.42	1.65	43.2	140.7	62.72
30.08	117.58	62.7	4.95	40.85	0.47	0	3.52	1.69	46.54	151.68	60.36
29.88	109.99	59.39	4.97	42.21	0.69	0	3.61	1.64	42.03	151.31	61.89
28.85	112.79	63.94	4.87	43.79	0.54	0	3.7	1.97	42.91	151.26	61.81
28.89	111.35	61.73	4.48	44.53	0.56	0	3.68	1.81	45.68	150.72	61.06
27.89041	102.9863	46	4.794521	65.72603	0.575342	0	3.315068	1.643836	38.16438	151.2603	63.56164
27.20548	102.2192	46.0274	4.739726	65.69863	0.575342	0	3.534247	1.835616	34.46575	147.9178	63.34247
26.9863	102.1918	45.53425	4.712329	65.80822	0.60274	0	3.09589	1.726027	33.36986	147.7534	66.30137
27.0411	97.12329	47.12329	4.986301	68.0274	0.60274	0	3.09589	1.726027	34.9589	145.726	66.90411
10.02	13.95	39.52	2.91	144.36	0.13	1.26	0.93	13.31	11.94	245.78	60.27
12.01	15.43	35.82	3.04	158.74	0.14	1.28	1.01	13.35	12.13	234.61	66.47
17.47	17.38	31.3	3.16	176.3	0.14	1.44	0.98	14.41	12.31	217.29	73.71
21.78	18.21	34.02	3.2	189.84	0.13	1.67	1.1	14.74	13.76	198.5	77.02
23.96	18.2	37.78	3.34	193.25	0.15	1.73	0.98	12.85	14.65	205.75	89.75
25.7	18.8	36.76	3.46	198.63	0.14	1.99	1.03	15.99	15.34	203.75	89.72
26.44	20.19	36.15	3.67	193.29	0.14	1.97	1.05	16.32	15.65	203.34	89.89
25.55	20.09	35.36	3.83	188.4	0.17	1.95	1.02	15.47	17.27	209.19	89.92
24.87	20.97	37.02	4.09	183.26	0.17	2.18	1.07	14.7	17.72	206.28	89.04
24.72	21.16	39.97	4.29	202.57	0.25	1.96	1.06	15.52	18.84	177.34	92.1
27.41	20.65	36.39	4.52	203.55	0.23	2.31	1.14	15.62	17.86	188.32	94.09
29.51	21.18	38.18	4.84	201.67	0.24	2.76	1.18	13.74	18.5	173.84	102.84
29.6	21.25	44.03	4.98	204.72	0.24	2.42	1.25	15.27	18.3	181.31	103.87
29.17	21.74	38.51	5.15	204.34	0.24	3.07	1.11	14.03	17.81	178.09	107.76
29.51	20.81	37.8	5.17	204.42	0.23	3.01	1.07	13.5	16.83	182.23	115.62
29.17	22.96	31.59	5.59	204.2	0.25	3.02	1.16	12.92	17.63	181.36	120.01
29.53	25.04	36.26	6.04	206.82	0.28	4.05	1.21	12.45	20.06	185.85	120.87
31.64	27.36	38.66	6.45	212.75	0.47	4.24	1.28	12.53	21.34	197.76	138.01
37.4	27.56	35.79	6.74	215.04	0.43	4	1.24	12.48	23.03	196.66	142.64
39.98	27	31.45	6.94	211.73	0.37	4.23	1.22	12.99	23.99	188.2	154.64
41.04	26.69	30.09	7.05	209.45	0.31	4.06	1.23	13.02	22.24	203.46	164.19
42.78	28.32	31.63	7.31	228.49	0.31	3.82	1.21	12.47	27.28	212.52	172.19
43.86	29.35	31.24	7.6	233.96	0.33	4.09	1.25	12.08	25.92	224.58	181.16

46.8	30.21	33.33	7.71	232.52	0.32	4.41	1.19	12.16	27.36	243.58	187.48
51.46	31.87	32.12	7.94	230.7	0.33	4.38	1.22	11.85	28.96	251.33	191.76
52.7	32.33	28.86	8.77	226.83	0.33	4.38	1.27	12.78	28.03	280.69	194.25
55.67	33.03	29.88	9.64	222.19	0.37	3.67	1.32	13.14	29.44	283.8	194.06
59.11	35.22	33.3	10.85	216.58	0.41	4.22	1.56	13.12	31.73	294.18	192.63
61.16	35.3	33.8	10.98	213.73	0.37	4.57	1.5	12.23	29.4	293.94	195.12
63.86	35.35	40.2	11.61	219.41	0.44	4.19	1.64	12.4	29.26	296.43	198.86
66.86	37.41	36.83	13.14	200.16	0.5	5.61	2.01	10.74	31.13	296.55	199.45
71.64	37.8	42.66	14.43	200.18	0.53	7.58	2.1	11.97	28.64	322.01	200.99
74.52	37.4	40.99	16.69	203.06	0.5	9.09	2.13	13.93	24.26	363.66	203.65
79.43	38.38	37.23	18.02	202.88	0.47	9.83	2.33	15.88	25.38	388.03	201.44
83.16	39.86	42.48	21.08	207.93	0.52	9.59	2.34	13.98	27.27	411.3	201.78
84.02	41.02	46.15	21.19	208.87	0.69	9.94	2.33	14.24	29.1	449.09	200.42
88.02	40.59	65.53	23.35	209.75	0.73	9.96	2.64	16.68	31.26	470.53	198.56
92.94	41.04	78.86	24.98	210.48	0.71	11.85	2.77	13.79	30.51	483.45	197.39
95.75	42.7	76.21	27.22	210.32	0.67	13.29	2.94	11.47	26.17	529.99	194.6
101.03	44.81	86.79	28.76	209.89	0.67	13.88	3.3	12.57	24.72	629.56	190.01
100.64	47.69	85.31	27.98	208.24	0.67	14.31	3.23	12.3	25.72	654.86	186.76
103.01	53.37	92.53	28.2	206.76	0.63	15.54	3.64	11.33	25.23	694.92	182.16
107.44	60.28	91.64	28.97	203.93	0.65	16.85	3.66	11.75	26.65	695.59	179.28
107.64	70.34	102.27	28.28	203.01	0.71	18.49	4.02	11.78	25.95	702.64	178.04
110.47	76.36	101.4	30.45	203.04	0.64	18.61	4.32	12.4	25.9	720.45	176.41
113.66	83.02	78.06	31.26	202.92	0.59	18.84	4.74	12.13	25.8	742.47	175.64
116.12	87.8	91.06	32.93	201.68	0.65	19.32	5.1	11.89	26.87	762.43	173.6
120.54	87.69	97.45	34.56	205.8	0.72	19.82	5.87	11.98	26.26	798.32	168.93
123.4	90.43	97.37	35.41	206.49	0.62	20.42	6.41	12.15	26.23	808.81	164.08
127.35	92.99	105.87	36.02	207.43	0.77	21.4	7.38	12.32	25.95	831.7	165.16
127.51	94.56	106.4	36.77	211.31	0.69	22.32	7.83	11.79	27.02	847.87	166.42
132.67	98.59	105.97	38.33	208.66	0.73	24.15	8.11	11.73	27.09	871.03	166.2
136.02	98.76	105.62	38.47	208.59	0.71	24.18	8.09	11.67	26.99	884.41	166.5
136.1096	84.08219	106.1918	35.36986	324.6027	0.986301	1.972603	7.506849	11.39726	27.53425	890.3014	165.5342
136.6027	74.41096	106.3288	34.60274	325.5342	0.794521	2.164384	7.726027	11.67123	28.35616	928.2192	166.3562
136.3014	73.17808	106.9041	36.54795	323.9726	0.712329	2.356164	8.164384	11.69863	29.15068	936.1096	166.1644
136.8219	73.23288	109.7808	36.27397	324	0.821918	2.356164	8.219178	11.83562	29.39726	952.6027	165.5616
111.88	446.44	356.34	10.16	3.38	0.11	0	2.93	0.46	84.7	216.2	435.44
118.64	453.06	361.07	10.27	6.22	0.12	0	3.32	0.45	87.75	210.62	432.75
122.81	475.07	359.93	10.04	5.67	0.14	0	3.72	0.49	90.92	211.69	431.97
108.5	462.8	377.22	8.52	7.66	0.16	0	3.84	0.44	94.36	245.39	425.5
124.22	435.1	377.86	9.23	6.97	0.16	0	3.98	0.52	99	225.21	427.58
127.79	463.23	371.48	9.82	7.91	0.17	0	4.15	0.52	102.71	236.4	416.54
132.27	500.41	354.82	10.2	9.78	0.16	0	4.39	0.56	105.79	245.57	407.55
134.96	517.25	360.03	10.76	9.36	0.18	0	4.52	0.55	109.12	238.26	404.25
132.85	535.93	354.63	11.52	10.09	0.18	0	4.3	0.6	110.5	227.01	401.31
133.12	546.19	344.47	13.9	10.79	0.16	0	4.19	0.59	113.02	242.26	404.05
140.01	541.49	344	15.26	11.53	0.14	0	4.22	0.58	114.66	240.63	396.62
148.09	533.82	327.74	15.8	11.36	0.21	0	4.12	0.58	113.53	234.67	394.35
152.74	505.5	331.72	16.6	10.87	0.17	0	4.56	0.62	118.81	261.28	388.25
155.69	548.5	334.57	18.32	11.32	0.18	0	4.55	0.61	118.73	257.21	385.76
164.28	565.62	324.67	19.26	13.47	0.17	0	4.69	0.62	119.17	256.71	368.32

159.23	565.37	322.15	18.68	13.88	0.19	0	4.69	0.62	122.19	257.06	368.4
155.98	542.67	322.41	21.8	15.64	0.2	0	4.73	0.64	122.79	260.33	365.12
159.24	555.05	314.81	23.41	14.64	0.24	0	4.82	0.62	124.55	273.01	368.47
161.25	550.07	304.43	25.66	17.6	0.21	0	4.79	0.65	123.12	288.21	366.05
159.18	526.96	290	26.62	18.31	0.17	0	4.39	0.64	128.2	274.73	368.41
153.46	517.78	285.04	28.36	18.99	0.18	0	4.39	0.64	124.99	287.55	366.82
151.53	495.5	292.85	27.98	18.3	0.18	0	4.38	0.63	127.94	297.11	368.56
159.3	499.63	292.64	28.84	17.74	0.2	0	4.62	0.63	128.08	291.4	362.55
161.1	514.4	294.32	29	16.74	0.19	0	4.56	0.66	128.23	305.19	361.04
162.61	536.44	279.47	30.34	16.87	0.19	0	4.65	0.68	122.09	297.65	369.79
163.43	547.26	285.5	31.78	16.19	0.21	0	4.81	1.12	125.97	294.37	375.45
169.19	538.66	278.72	32.94	17.02	0.19	0	4.96	1.48	134.75	291.6	377.87
174.21	541.83	268.2	33.08	17.03	0.21	0	5.32	0.92	134.06	295.03	380.11
177.2	549.65	266.99	32.87	16.04	0.22	0	5.58	0.74	124.61	266.81	373.77
176.23	541.99	269.18	34.65	13.5	0.19	0	4.61	0.65	129.16	263.45	375.95
164.4	475.67	221.46	31.06	12.74	0.17	0	3.87	0.57	99.01	257.76	383.19
160.53	410.33	314.14	28.84	12.33	0.13	0	1.8	0.01	104.52	241.59	340.71
153.35	433.09	341.04	27.6	9.5	0.23	0	2.01	0.02	103	245.41	340.67
141.36	448.46	319.45	27.65	5.22	0.27	0	1.78	0.02	98.38	236.09	346.88
134.51	450.01	318.34	28.87	5.88	0.2	0	1.82	0.04	100.5	259.26	342.28
129.61	461.63	324.35	27.17	8.4	0.28	0	1.95	0.02	104.37	252.12	334.89
121.44	449.65	333.42	30.35	8.12	0.29	0	1.88	0.04	102.67	262.11	342.28
122.55	469.45	322.74	29.46	8.4	0.34	0	1.77	0.05	105.57	268.78	336.2
120.49	466.81	311.64	25.67	10.93	0.3	0	1.36	0.05	106.78	279.57	336.53
112.83	449.17	305.39	30.31	10.31	0.3	0	1.63	0.08	110.15	283.31	334.74
106.14	444.24	307.41	39.45	9.69	0.38	0	2.04	0.15	113.47	287.22	340.87
111.89	464.94	299.98	44.07	11.03	0.49	0	2.06	0.1	115.3	281.03	343.9
116.82	461.68	305.9	43.8	11.24	0.47	0	2.65	0.07	116.29	303.03	336.98
114.83	479.94	307.91	46.32	11.21	0.5	0	2.82	0.14	120.39	313.67	336.06
115.92	486.03	305.72	49.6	10.93	0.46	0	3.13	0.1	122.49	312.81	341.86
118.81	485.06	307.42	53.41	11.47	0.44	0	3.08	0.12	125.92	326.29	333.97
123.61	493.11	299.19	56.67	10.63	0.41	0	3.53	0.06	126.53	306.69	329.5
129.07	490.31	305.23	59.19	10.2	0.52	0	3.98	0.08	125.84	315.67	325.73
125.52	489.82	302.52	61.52	10.47	0.54	0	3.33	0.07	121.34	323.37	323.94
128.12	497.35	288.48	59.68	10.03	0.63	0	3.56	0.17	118.92	317.15	329.23
128.73	498.2	304.12	60.5	10.25	0.66	0	3.87	0.21	122.13	341.42	324.99
130.27	492.22	303.96	68.04	8.32	0.56	0	3.71	0.16	121.91	332.24	329.47
130.27	482.75	299.12	69.24	9.74	0.63	0	4.11	0.21	121.73	333.53	325.24
126.7397	482.7945	289.2877	70.76712	15.69863	0.60274	0	2.219178	0.273973	178.3562	348.9041	319.1233
126.5205	470.3014	283.3425	71.58904	15.91781	0.684932	0	2	0.273973	175.5342	331.9452	341.9726
128.7945	469.6438	286.3836	72.0274	16.21918	1.424658	0	2.027397	0.30137	174.7123	338.4658	329.7534
130.411	478.4658	292.3288	75.34247	15.86301	1.123288	0	2.356164	0.273973	184.2466	344.411	321.6712
50.94	281.15	127.4	2.74	58.47	0.16	0	0.34	0	72.58	155.12	56.41
50.84	282.02	135.84	2.79	60.08	0.18	0	0.33	0	77.42	203.71	54.2
48.57	281.87	111.39	2.99	59.85	0.29	0	0.33	0	77.18	193.4	52.19
48.72	282.27	130.39	3.09	61.63	0.33	0	0.47	0	79.94	220.14	53.83
49.25	279.23	159.24	3.45	65.91	0.26	0	0.91	0	81.74	192.32	51.62
48.85	292.47	135.79	3.36	68.57	0.23	0	1.11	0	84.53	175.01	53.88
48.1	300.64	148.76	3.54	66.46	0.23	0	0.52	0	83.15	169.96	54.22



48.61	313.45	192.67	3.45	64.27	0.21	0	0.91	0	85.49	125.29	58.03
49.09	315	168.48	3.64	66.33	0.17	0	0.74	0	89	127.3	60.22
52.78	304.84	181.89	4.21	64.98	0.19	0	0.98	0	91.53	122.49	57.04
47.6	300.69	198.88	4.67	62.96	0.21	0	0.78	0	94.14	114.13	57.53
47.69	303.86	171.88	4.94	63.34	0.17	0	0.85	0	106.26	101.35	61.6
47.45	308.54	179.67	4.62	66.8	0.2	0	0.36	0	104.88	81.98	64.53
51	302.5	162.57	5.34	65.27	0.19	0	0.64	0	108.86	84.58	78.51
52.74	295.94	158.16	5.2	68.05	0.21	0	1.07	0	113.08	90.69	84.53
52.95	306.53	161.64	5.9	69.27	0.27	0	1.29	0	113.52	101.55	90.12
53.63	316.87	134.87	6.89	70.98	0.23	0	0.3	0	118.74	84.93	76.96
59.21	313.47	105.81	7.38	70.82	0.24	0	0.19	0	123.88	80.69	82.28
61.28	329.94	71.09	7.31	77.77	0.23	0	0.24	0	130.6	66.71	75.44
56.05	317.3	90.07	7	83.15	0.74	0	0.21	0	131.67	75.73	103.07
52.39	308.99	87.8	8.42	87.03	0.69	0	0.12	0	109.61	83.6	100.4
53.18	324.86	95.51	9.11	85.1	0.49	0	0.09	0	106.77	74.46	97.81
53.66	267.86	70.67	9.84	71.39	0.41	0	0.02	0	105.61	74.96	100.31
54.03	270.09	85.55	11.52	91.55	0.28	0	0.02	0	101.67	91.81	99.69
56.33	239.38	90.49	13.46	83.81	0.22	0	0.01	0	101.93	87.84	82.65
56.19	224.7	81.12	16.3	103.42	0.25	0	0.11	0	106.81	77.97	91.26
55.55	215.97	72.47	15.28	107.16	0.23	0	0.07	0	87.26	82.46	99.06
56.43	236.01	69.81	15.5	123.23	0.23	0	0.03	0	85.09	106.25	102.89
53.79	261.72	74.09	16.49	123.22	0.31	0	0.06	0	82.89	93.96	99.11
56.91	268.99	73.04	18.96	116.89	0.35	0	0.15	0	75.73	83.72	102.11
60.84	271.53	72.84	20.19	108.59	0.17	0	0.26	0	75.39	82.07	109.21
61.23	269.07	96.7	20.83	131.41	0.22	0	0.44	0	77.24	82.82	95.25
63.85	284.05	79.39	20.45	159.04	0.44	0	0.27	0	73.01	79.69	87.98
63.79	300.86	100.44	25.57	170.45	0.4	0	0.15	0	73.78	70.74	89.31
69.91	310.8	84.38	25.91	152.01	0.26	0	0.16	0	70.31	64.06	88.36
73.55	324.95	79.45	35.66	151.32	0.38	0	0.16	0	57.65	66.02	90.97
73.91	376.13	110.47	41.49	124.91	0.41	0	0.19	0	56.02	67.94	107.24
72.93	384.74	83.21	24.85	128.31	0.43	0	0.21	0	56.96	72.3	109.79
74.3	364.02	98.86	32.7	139.8	1.1	0	0.12	0	53.36	54.65	106.38
75.94	366.72	28.71	41.62	152	1.09	0	0.17	0	52.03	62.24	104.93
83.59	374.13	71.42	43.76	118.55	1.19	0	0.29	0	50.09	50.61	110.35
87.21	328.69	83.39	43.57	127.35	0.85	0	0.37	0	48.98	56.93	93.7
89.08	315.99	65.14	44.07	124.98	0.63	0	0.28	0	50.75	48.9	93.64
88.82	340.27	79.03	42.52	115.35	0.92	0	0.26	0.01	49.49	62.65	96.24
87.19	324.66	72.95	42.23	124.55	0.63	0	0.33	0	49.72	63.75	98.95
86.27	352.16	61.32	59.06	122.45	0.9	0	0.45	0	56.17	61.27	100.23
94.77	323.58	52.55	65.05	119.94	0.98	0	0.42	0.01	49.57	61.49	97.15
101.58	353.43	42.57	62.91	119.93	0.97	0	0.44	0.01	54.24	63.92	100.52
97.42	341.68	44.34	58.14	121.1	0.98	0	0.38	0.01	52.25	72.03	101.14
96.35	367.83	60.36	62.81	121.82	0.65	0	0.53	0.02	49.01	77.33	107.1
98.77	399.49	52.55	59.94	121.76	0.83	0	0.47	0	54.71	70.7	107.82
97.33	348.12	42.11	58.98	123.73	0.78	0	0.55	0	58.44	73.11	106.74
97.32	383.37	52.95	59.85	123.49	0.9	0	0.6	0	63.31	64.73	107.37
110.2466	326.274	68.63014	56.35616	169.6164	0.684932	0	0.60274	0	58.71233	91.72603	121.0411
96.10959	296.6575	63.39726	54.84932	173.6986	0.630137	0	0.547945	0	55.39726	82.63014	148.0822
78.52055	318.2466	61.78082	53.61644	187.0959	0.60274	0	0.493151	0	55.75342	82.0274	156.8767

77.78082	296.4384	55.83562	52.90411	164.6301	0.547945	0	0.657534	0	53.64384	78.19178	172.0274
25.74	87.85	23.84	6.61	61.56	0.21	0	2.13	0	84.75	326.43	226.65
25.07	87.1	14.22	6.49	58.1	0.23	0	2.79	0	53.78	350.74	238.19
25.13	90.85	22.07	6.41	58.76	0.18	0	3.29	0	54.78	372.18	242.9
25.15	85.37	20.72	6.31	63.01	0.09	0	2.35	0	81.83	373.02	243.22
25.47	85.93	26.55	6.32	64.9	0.15	0	2.08	0	95.38	384.31	240.26
26.83	82.66	16.04	6.07	64.88	0.11	0	1.62	0	130.9	403.33	245.63
25.1	81.02	11.39	6.01	63.64	0.14	0	1.99	0	119.84	366.82	252.38
26.52	97.1	26.05	5.9	63.87	0.14	0	1.61	0	122.64	386.1	247.73
25.96	95.86	21.32	5.89	64	0.14	0	2.09	0	142.36	386.85	246.16
25.38	95.8	25.75	6.16	65.77	0.08	0	2.97	0	129.83	371.41	244
25.7	93.67	19.19	6.31	68.27	0.09	0	2.23	0	121.66	384.29	244.05
25.67	91.41	27	6.56	69.81	0.18	0	2.71	0.09	128.86	364.29	243.37
25.25	90.75	37.86	6.1	71.06	0.05	0	2.3	0.17	131.27	367.7	258.74
24.72	92.11	33.61	6.22	72.29	0.08	0	2.49	0.13	130.94	385.61	260.12
24.96	98.29	37.81	6.42	73.25	0.13	0	1.95	0.24	132.95	406.42	261
26.1	98.58	38.08	6.45	73.19	0.18	0	2.22	0.32	119.74	414.45	276.54
25.7	112.95	43.01	7.04	71.79	0.05	0	2.39	0.37	128.59	385.25	289.89
26.21	112.5	33.52	7.11	72.18	0.13	0	1.62	0.49	137.47	400.96	317.63
25.51	109.17	43.85	8	71.92	0.15	0	1.82	0.53	142.43	419.28	338.49
28.02	110.28	51.68	10.4	72.4	0.39	0	1.58	0.51	144.97	416.6	354.15
30.06	107.48	54	12.85	71.68	0.31	0	1.83	0.38	147.48	411.81	385.84
31.17	106.51	49.61	11.88	70.75	0.36	0	1.49	0.46	154.04	408.57	392.31
36.22	109.49	43.17	14.47	75.2	0.54	0	1.46	0.63	154.72	406.63	392.24
34.74	119.63	47.85	17.31	73.78	0.28	0	1.28	0.65	160.54	412.8	393.32
35.3	117.48	60.06	16.01	71.47	0.24	0	0.96	0.54	157.87	450.25	397.74
35.07	108.36	57.28	15.13	69.94	0.38	0	1.14	0.55	155.92	496.08	393.6
34.77	109.6	71.92	17.01	70.18	0.31	0	1.5	0.55	148.96	512.93	417.52
35.41	114.01	69.63	13.98	62.35	0.59	0	1.49	0.52	154.68	450.58	420.96
34.64	110.74	58.92	12.99	74.8	0.34	0	1.76	0.49	153.21	407.73	409.64
35.08	109.34	58.23	12.27	84.53	0.43	0	2	0.46	155.91	414.8	412.84
34.41	108.17	58.35	13.56	90.09	0.59	0	2.19	0.48	152.96	390.11	403.14
34.18	107.85	51.91	13.93	93.99	0.61	0	2.49	0.5	153.4	405.78	398.94
34.16	108.46	52.1	14.28	99.96	0.59	0	2.43	0.53	148.62	403.1	393.95
39.2	113.6	43.66	15.34	106.1	0.62	0	2.86	0.51	151.33	406.67	413.58
39.5	116.88	57.26	16.96	112.93	0.6	0	3.28	0.43	153.41	426.29	412.44
38.25	124.72	58.81	17.17	113.19	0.57	0	3.63	0.43	149.6	481.28	413.94
41.14	130.47	51.98	21.94	111.57	0.79	0	3.7	0.41	174.62	497.67	414.07
42.72	135.78	56.07	21.33	108.33	0.86	0	3.17	0.45	192.56	489.9	400.59
42.56	145.27	50.94	23.24	110.61	0.78	0	3.79	0.42	207.2	543.59	376.8
44.55	144.33	52.52	24.13	111.2	0.58	0	5.73	0.21	228.95	573.01	373.47
34.5	147.53	53.5	24.82	109.28	0.87	0	5.17	0.15	232.64	518.93	394.69
36.48	152.41	54.66	24.8	123.15	0.91	0	5.08	0.11	233.94	528.46	377.04
37.38	180.8	53.15	24.91	118.59	0.88	0	4.9	0.12	212.49	559.31	364.3
38.87	146.78	64.84	24.71	112.76	0.99	0	4.71	0.1	207.9	559.2	371.18
43.31	156.02	86	24.5	100.79	1.1	0	3.3	0.18	196.55	572.4	395.71
51.36	164.66	57.38	26.81	107.28	1.23	0	3.38	0.7	192.6	616.35	391.48
54.28	185.47	70.63	29.8	109.24	0.87	0	3.4	1.8	196.15	628.82	389.34
48.71	188.34	88.75	27.09	110.57	1.1	0	4.13	1.82	192.33	648.33	398.92

48.56	157.48	93.63	29.4	106.9	0.8	0	4.19	2.04	177.55	684.38	397.62
52.43	183.3	91.64	33.77	100.19	0.65	0	4.14	2.29	189.94	606.87	399.34
49.74	185.31	93.61	31.8	108.25	1.36	0	4.29	2.2	189.86	578.45	399.8
51.64	188.79	116.82	35.06	110.54	1.46	0	4.3	1.3	177.74	598.36	400.19
53.68	168.4	99.89	39.55	108.97	2.06	0	4.02	1.75	181.66	544.1	402.27
47.47945	138.9863	97.78082	33.09589	150.3836	1.315068	0	2.794521	0	166.2192	512.274	404.5479
51.31507	129.2329	94.84932	34.24658	144.6575	0.849315	0	2.739726	0	164.0274	484.0548	402.137
45.94521	128.1644	100.0822	34.87671	146.8493	0.794521	0	2.410959	1.671233	160.2466	454.4384	399.1507
49.50685	115.8356	100.5479	35.50685	144.8493	1.150685	0	2.739726	0	156.9863	446.3562	399.2329
34.5	167.3	4.19	2.72	11.71	0.12	0	1.38	0	58.79	131.65	31.87
33.33	171.48	4.88	2.74	12.87	0.1	0	1.34	0	58.22	133.47	34.73
32.97	177.9	5.08	2.77	13.11	0.12	0	1.34	0	63.85	132.97	31.66
31.12	159.89	5.28	2.79	13.35	0.07	0	1.3	0	58.25	135	40.61
29.83	161.06	14.19	2.83	14.25	0.11	0	1.3	0	72.16	135.49	41.56
30.29	160.71	5.04	2.86	14.07	0.06	0	1.26	0.04	68.54	148	42.2
29.02	157.88	7.29	2.96	16.03	0.08	0	1.27	0.42	72.84	144.42	43.53
27.32	152.43	10.05	3.03	21.48	0.11	0	1.23	0.15	72.58	150.17	42.77
27.5	152.47	6.14	3.15	22	0.1	0	1.23	0.09	72.34	149.8	43.29
26.06	151.93	9.9	3.22	20.98	0.11	0	1.19	0.09	71.02	153.92	42.18
26.3	149.59	11.3	3.03	19.51	0.12	0	1.2	0.1	74.45	153.72	49.07
27.18	141.62	8.5	2.97	17.54	0.12	0	1.45	0.09	78.15	147.72	47.51
29.32	141.88	10.43	2.85	17.32	0.09	0	1.45	0.1	79.92	134.35	47.83
34.97	151.38	13.54	2.99	16.87	0.09	0	1.44	0.24	80.97	127.49	39.92
29.79	174.42	13.5	4.05	16.51	0.09	0	1.32	0.14	86.37	136.41	45.46
30.57	212.69	11.59	5.29	17.32	0.13	0	1.33	0.33	97.71	124.15	52.54
30.53	189.88	10.07	7.74	17.62	0.14	0	1.42	0.51	94.79	117	61.47
31.1	205.73	18.58	8.92	16.69	0.14	0	1.47	0.53	100.35	114.97	63.69
31.1	206.67	25.31	9.5	21.08	0.18	0	2.16	0.52	96.61	123.59	63.17
32.77	226.89	12.77	7.78	23.06	0.25	0	3.04	0.58	100.83	133.29	66.51
26.24	199.7	14.21	9.27	23.8	0.13	0	3.17	0.51	98.35	135.47	68.29
25.27	163.35	14.61	9.34	21.89	0.12	0	2.71	0.47	103.6	129.28	74.19
24.83	125.05	9.88	10.32	23.39	0.19	0	2.55	0.44	101.12	136.54	75.29
26.11	143.41	8.08	12.73	24.93	0.34	0	2.99	0.38	96.62	141.23	74.42
24.53	147.03	9.7	13.51	26.94	0.13	0	2.22	0.35	96.64	149.58	75.12
24.79	136.94	9.63	15.89	25.23	0.05	0	1.79	0.34	95.85	137.78	72.53
19.78	161.74	8.48	15.65	26.31	0.17	0	1.41	0.28	98.24	103.89	64.61
20.88	160.16	7.66	16.92	23.96	0.17	0	1.83	0.38	105.71	135.26	48.5
22.19	163.75	11.42	19.71	25.28	0.2	0	1.94	1.02	100.24	131.67	58.24
22.5	167.52	9.66	16.63	22.67	0.22	0	2.3	1.06	99.4	145.35	83.86
20.42	206.84	11.3	17.98	28.85	0.19	0	2.27	1	102.55	136.57	84.09
20.31	219.19	12.38	19.87	23.22	0.24	0	2.13	0.92	100.45	141.43	91.28
22.08	208.54	5.91	21.58	25.88	0.27	0	2.17	0.96	102.14	122.65	89.08
24.75	203.96	6.52	18.14	25.92	0.31	0	2.74	1	92.66	144.11	89.58
26.44	201.06	5.06	19.07	20.96	0.3	0	1.62	1.02	97.78	159.03	82.6
27.7	227.2	8.18	19.11	23.15	0.33	0	2.33	0.93	106.03	148.14	89.55
30.06	226.23	10.68	20.12	25.12	0.37	0	2.13	1.02	115.33	162.02	89.26
27.61	223.06	7.01	22.57	26.57	0.13	0	1.94	1.14	117.97	158.97	89.75
30.07	242.14	14.4	21.35	24.22	0.16	0	2.08	1.13	115.56	160.46	87.43
32.2	252.49	29.42	28.74	29.61	0.21	0	1.77	1.41	115.11	200.64	91.24

30.07	258.11	40.91	36.17	29.03	0.47	0	2.45	1.51	111.87	206.45	93
35.13	282.91	46.21	38.65	31	0.21	0	2.85	1.7	108.38	219.83	92.9
30.78	285.35	41.07	36.79	30.95	0.36	0	1.95	1.93	104.99	211.39	81.39
29.15	289.95	33.09	42.83	25.59	0.38	0	2	1.75	103.5	213.14	79.14
32.23	308.63	29.19	45.79	27.52	0.3	0	1.52	1.91	109.34	245.14	72.52
38.03	303.18	34.74	47.13	29.44	0.29	0	2.32	1.89	115.84	272.47	74.36
35.99	318.72	39.43	49.57	27.93	0.23	0	1.96	2.41	113.23	277.34	75.35
36.27	325.37	29.42	44.31	29.53	0.21	0	2.43	2.41	112.04	287.03	76.91
35.22	344.3	30.85	45.27	27.44	0.23	0	1.98	2.29	111.59	240.15	76.85
36.4	313.74	29.35	47.53	28.44	0.25	0	2.58	2	108.25	227.47	77.58
29.99	320.05	35.3	50.03	27.5	0.21	0	2.6	2.09	112.36	241.33	77.4
30.47	321.74	38.04	52.19	24.26	0.25	0	2.26	2.19	112.92	245.53	83.99
27.07	340.92	39.13	54.35	28.86	0.26	0	2.9	2.19	112.63	231.83	77.24
26.0274	326.1918	35.67123	53.89041	39.78082	0.219178	0	1.643836	2.246575	113.1233	242.3288	87.61644
26.43836	324.1918	36.0274	54.35616	39.91781	0.246575	0	1.287671	2.246575	114.5753	243.5068	91.45205
28.21918	307.7808	36.38356	54.79452	40.10959	0.246575	0	0.90411	2.273973	114.1096	261.6438	96.90411
30.16438	277.8904	36.73973	55.9726	40.19178	0.273973	0	0.986301	2.30137	111.9452	278.6849	98.24658
166.77	1012.75	295.18	18.11	0.24	0.05	0	0.13	0	53.22	167.58	193.44
143.64	863.28	316.09	10.4	3.27	0.35	0	0.82	0.01	58.23	134.78	199.49
139.45	838.4	329.97	17.9	1.66	0.42	0	1.8	0.03	78.47	172.17	181.98
127.56	772.64	383.63	20.2	4.04	0.61	0	3.12	0	67.71	146.18	210.56
137.09	650.17	415.85	32.92	7.66	0.77	0	4.94	0.04	92.49	168.88	223.91
112.65	567.41	343.73	45.73	6.29	0.32	0	5.44	0.01	103.39	181.09	215.34
123.27	577.94	254.54	57.35	5.96	0.44	0	5.52	0.01	101.04	186.34	202.22
135.08	713.4	376.92	37.18	7.1	0.78	0	2.34	0.02	138.56	195.18	177.61
122.03	633.64	389.05	48.5	6.1	0.7	0	2.62	0.02	150.1	187.99	181.71
121.07	625.76	361.09	54.18	7.27	0.8	0	2.72	0.02	150.86	216.67	191.58
127.13	747.58	309.87	58.98	7.37	0.8	0	3.23	0.02	118	214.46	183.08
119.9	739.6	326.77	57.96	7.61	1	0	4.56	0.02	120.14	271.78	186.19
134.28	647.72	201.23	42.95	7.66	0.93	0	5.45	0.03	143.98	227.82	216.41
139.26	710.42	327.91	44.7	5.26	1.16	0	5.07	0.05	144.23	228.44	231.74
148.1	707.43	344.48	44.73	6.46	1.28	0	5.22	0.07	130.91	225.53	268.12
159.15	666.45	317.88	48.45	6.29	1.33	0	7.85	0.08	130.58	273.19	253.57
149.82	728.41	233.68	50.06	7.79	1.83	0	7.79	0.06	119.29	264.77	259.26
147.3	726.32	275.67	54.88	5.21	1.17	0	7.67	0.05	127.45	294.74	263.38
157.39	653.57	304.81	57.51	7.17	1.38	0	9.91	0.06	126.46	301.21	237.77
153.45	688.54	312.29	52.69	6.85	2.02	0	7.44	0.07	119.84	335.17	263.04
123.47	734.74	267.64	55.05	7.32	1.83	0	9.88	0.08	89.51	286.88	249.56
112.89	789.64	242.34	57.85	7	1.78	0	11.05	0.1	86.54	317.1	244.83
117.3425	955.0959	194.2192	54.9863	7.123288	1.753425	0	4.520548	0.246575	148.9315	266.3836	226.0274
128.3288	977.726	187.6712	57.26027	7.287671	2	0	4.630137	0.246575	147.0685	308.6849	225.863
133.3151	973.6712	181.1507	58.46575	7.150685	1.945205	0	4.958904	0.246575	140.3288	277.1781	224.2466
124.3288	1004.795	183.3151	58.24658	6.849315	2.054795	0	5.013699	0.273973	135.1781	281.6164	226.6027
65.26027	117.0959	33.91781	19.50685	96.79452	0.136986	0	7.342466	1.726027	97.9726	199.6164	101.6986
62.0274	115.9178	34.30137	18.32877	70.13699	2.712329	0	3.671233	0.931507	102.7671	215.0959	100.0274
62.38356	115.4521	34.84932	9.808219	113.863	2.246575	0	4.109589	0.712329	96.38356	207.863	104.3014
65.58904	115.2329	32.16438	17.69863	120.4658	4.712329	0	2.794521	0.438356	92.73973	197.0137	119.3973
21.72	41.41	14.84	1.85	1.04	0.15	0	2.93	0.18	10.11	213.62	60.04
21.01	40.41	14.28	1.79	0.85	0.15	0	3.12	0.19	8.69	223.9	66.56

20.27	42.53	14.02	1.73	0.41	0.14	0	3.07	0.16	9.33	231.29	65.36
21.52	46.45	13.82	1.68	0.58	0.18	0	3.02	0.2	10.52	233.37	65.4
21.14	46.11	13.34	1.64	0.53	0.15	0	3.51	0.13	11.12	233.44	65.14
21.07	45.98	13.26	1.62	0.62	0.14	0	2.89	0.08	10.97	237.47	66.57
21.39	45.69	13.83	1.59	0.77	0.17	0	2.77	0.04	11.53	239.77	67.73
20.88	41.67	13.46	1.56	0.53	0.3	0	2.77	0.05	11.49	239.75	82.87
21.38	44.37	14.55	2.01	0.6	0.43	0	2.88	0.1	11.62	243.43	91.9
24.07	101.33	12.42	2.12	0.75	0.44	0	2.7	0.06	11.28	246.63	92.06
23.22	101.52	16.52	1.91	1.11	0.44	0	2.69	0.05	11.57	250.8	96.93
23.32	98.03	15.77	1.74	0.96	0.47	0	2.46	0.08	15.41	257.12	91.2
23.77	81.63	13.49	1.53	0.95	0.43	0	2.6	0.03	14.97	257.52	98.65
24.98	85.6	12.79	1.58	1.37	0.29	0	1.85	0.21	15.81	261.58	87.95
24.9	94.66	15.22	1.58	1.8	0.58	0	2.13	0.24	15.32	251.27	87.41
25.16	115.43	10.43	1.61	2.33	1.02	0	2.31	0.21	16.33	247.22	90.99
23.72	100.84	15.74	1.63	3.22	0.93	0	1.75	0.42	14.81	248.31	99.49
25.69	135.86	11.1	1.86	3.32	0.66	0	1.69	0.47	16.09	256.2	87.81
24.34	107.89	10.45	1.65	4.03	1.42	0	2.06	1.04	17.77	260.79	87.49
21.48	118.72	21.02	1.81	5.04	0.85	0	1.86	1.67	15.67	260.17	84.82
21.16	121.44	18.21	1.8	6.16	0.79	0	2.1	1.23	18.08	258.25	85.65
19.34247	96.76712	17.23288	1.09589	12	0.849315	0	1.863014	0.986301	23.31507	246.0274	82.79452
17.0137	93.56164	17.56164	0.328767	11.20548	0.849315	0	1.835616	1.342466	22.9863	246.7123	85.15068
16.71233	87.61644	17.78082	0.328767	12.43836	0.849315	0	1.780822	1.068493	23.17808	247.3699	93.47945
17.17808	84.57534	18.19178	0.356164	12.68493	0.986301	0	1.753425	1.09589	26.10959	239.7534	97.64384
55.52	68.31	19.11	4.71	0.1	0.02	0	3.84	0.51	6.23	157.29	61.1
55.83	66.91	18.87	4.71	0.1	0.03	0	3.92	0.6	6.86	155.43	60.21
53.42	65.62	18.6	4.52	0.3	0.01	0	4.02	0.68	7.46	154.95	59.14
52.63	64.44	18.26	4.52	0.17	0.01	0	3.43	0.76	7.06	149.4	56.95
51.86	64.92	18.15	4.51	0.16	0.01	0	2.77	0.74	8.3	134.4	60.42
51.85	64.17	18.01	4.5	0.73	0.01	0	3.23	0.81	9.21	129.45	63.05
51.09	64.97	17.94	4.48	0.11	0.07	0	4.53	0.79	8.73	125.93	61.31
50.55	63.12	17.9	4.51	0.09	0.02	0	4.56	0.86	8.8	122.84	60.9
50.14	62.93	17.71	4.59	0.09	0.02	0	4.9	0.84	8.52	125.54	61.54
49.9	62.65	17.61	4.64	0.08	0.03	0	5.01	1.06	9.98	133.26	65.1
42.04	61.82	17.36	4.7	0.07	0.02	0	6.23	1.03	10.02	129.88	64
40.12	60.7	17.17	4.64	0.09	0.02	0	3.48	1.08	9.7	127.4	63.69
39.71	58.1	17.02	4.41	0.02	0.02	0	3.45	1.12	10.16	133.25	44.64
39.07	57.09	17.01	4.24	0.04	0.02	0	3.39	1.09	10.72	138.17	51.82
37.37	54.79	17.18	4.17	0.01	0.02	0	3.04	1.07	10.01	138.73	51.86
37.78	54.07	17.35	4.17	0.1	0.03	0	4.64	1.12	10.2	158.25	40.98
37.93	55.04	17.71	4.49	0.07	0.02	0	4.73	1.1	9.7	165.47	45.4
38.08	56.85	17.95	4.77	0.27	0.02	0	4.83	1.09	9.54	189.13	46.31
38.03	60.76	19.11	4.75	0.16	0.03	0	4.94	1	12.93	210.08	45.06
37.76	58.14	19.08	4.69	0	0.02	0	4.55	0.63	13.13	202.6	58.59
37.28	60.25	17.91	4.61	0.53	0.02	0	4.24	1.22	11.63	210.29	47.23
36.79	58.4	18.73	4.52	0.33	0.03	0	4.41	0.76	11.47	219.68	56.99
36.19	57.19	19.24	4.42	1.36	0.02	0	5.16	0.29	12.09	214.11	57.86
33.79	54.7	16.96	4.31	0.59	0.02	0	4.7	0.01	12.35	188.01	49.22
34.26	71.32	18.18	4.21	0.73	0.02	0	4.88	0.28	12.3	182.88	70.43
39.59	76.49	17.62	4.13	0.63	0.02	0	4.94	0.17	11.94	198.77	68.08

31.26	49.75	17.07	4.02	0.74	0.01	0	4.32	0.33	11.27	199	66.28
30.46	54.34	16.69	4.06	0.55	0.02	0	4.37	0.41	10.03	201.08	85.69
31.88	49.3	16.41	3.92	2.09	0.01	0	4.39	1.21	9.89	189.36	72.1
31.44	53.57	16.03	3.85	0.51	0.02	0	4.29	1.01	9.37	196.09	67.04
30.57	46.64	15.73	3.74	0.54	0.02	0	4.35	0.92	8.47	181.84	70.45
29.74	46.25	15.33	3.65	0.63	0.04	0	4.35	0.94	8.63	184.6	76.71
126.34	486.37	315.04	12.64	5.69	0.21	0	5.93	0.21	89.15	234.46	364.47
131.44	489.53	310.52	13.38	7.17	0.22	0	6.23	0.21	89.87	228.96	364.26
133.95	504.82	314.38	13.8	6.83	0.26	0	6.26	0.23	92.47	241.52	359.72
127.81	499.27	315.75	14.03	7.98	0.26	0	6.47	0.2	95.44	256.13	357.64
136.46	488.42	311.89	15.01	7.55	0.27	0	6.26	0.24	98.14	243.19	358.29
140.08	502.97	309.4	15.44	8.05	0.27	0	6.62	0.24	101.24	254.94	352.39
144.77	528.77	301.75	16.11	8.61	0.29	0	6.84	0.26	104.22	260.31	345.34
148.32	540.58	303.94	16.8	8.65	0.3	0	6.61	0.26	104.55	253.97	343.29
147.61	548.23	299.58	18.07	8.84	0.3	0	6.41	0.28	106.22	255.36	339.5
150.56	555.04	293.62	20.38	9.25	0.28	0	6.76	0.28	109.26	265.9	339.76
156.37	551.36	291.28	21.38	9.55	0.3	0	6.21	0.27	110.73	260.57	334.39
159.88	553.79	281.21	22.81	9.7	0.34	0	6.52	0.27	109.27	253.32	332.03
162.44	545.31	283.08	24.3	9.67	0.37	0	6.88	0.29	115.67	274.57	330.45
167.03	569.43	284.32	25.03	9.73	0.38	0	6.82	0.29	113.92	276.65	327.1
171.45	577.46	273.63	25.7	10.95	0.35	0	6.91	0.29	111.48	275.07	319.42
170.28	582	265.63	26.35	11.24	0.39	0	7.1	0.29	115.16	264.57	320.54
169.74	576.67	273.28	28.26	12.08	0.39	0	6.87	0.3	114.55	279.76	318.96
174.75	589.4	269.7	29.72	11.45	0.4	0	7.18	0.3	114.67	284.69	321.01
177.95	597.58	264.42	31.17	12.96	0.43	0	6.99	0.31	114.1	293.5	321.82
178.64	589.01	255.86	32.02	13.56	0.38	0	7.03	0.31	116.24	286.01	322.63
175.17	585.34	249.14	33.37	13.94	0.38	0	6.96	0.31	115.08	294.51	319.76
173.27	580.62	255.62	33.84	13.74	0.39	0	7.18	0.3	116.6	303.08	316.14
178.19	589.98	252.51	33.64	13.45	0.4	0	6.99	0.3	115.56	292.5	313.42
180.1	600.94	255.96	33.88	12.97	0.41	0	6.85	0.32	113.83	306.96	315.48
180.93	614.76	250.23	34.9	13.26	0.41	0	7.23	0.33	111.4	304.62	319.84
181.1	614.77	254.87	36.32	13.18	0.43	0	7.43	0.54	113.65	299.96	321.83
186.09	610.8	251.57	37.81	13.74	0.41	0	7.53	0.73	118.13	297.13	324.07
189.05	610.15	244.14	38.45	13.76	0.47	0	7.84	0.47	118.44	307.27	325.52
188.94	614.95	245.05	38.24	13.18	0.49	0	8.25	0.4	114.04	295.74	322.47
189.76	603.62	242.53	39.99	11.94	0.46	0	8.02	0.43	114.86	294.63	320.99
182.37	577.79	218.91	38.61	11.76	0.45	0	7.94	0.38	102.09	292.97	325.62
181.51	554.7	260.66	39.42	11.26	0.47	0	7.49	0.19	104.6	287.86	292.21
177.33	558.23	269.42	38.41	10.06	0.52	0	7.35	0.2	101.91	280.87	292.56
170.05	569.64	257.01	40.04	8.84	0.56	0	7.68	0.21	100.33	275.85	293.92
166.99	574.49	257	40.82	9.36	0.55	0	7.54	0.28	101.41	286.95	294.66
165.98	581.74	260.96	41.61	10.43	0.6	0	7.83	0.31	102.88	291.48	292.63
160.06	578.07	263.16	42.72	10.48	0.62	0	7.93	0.28	103.29	294.19	292.94
165.31	591.74	256.33	43.83	11.06	0.63	0	7.77	0.21	104.1	300.84	295.78
163.97	594.41	252.21	41.2	12.16	0.63	0	7.77	0.23	104.93	314.27	296.1
160.57	584.39	252.26	43.58	11.71	0.66	0	8.09	0.24	106.55	313.55	294.57
156.88	590.54	250.25	48.84	11.62	0.65	0	8.56	0.4	110.47	309.33	298.85
159.24	606.13	246.16	50.82	12.45	0.78	0	8.73	0.33	111.06	302.23	302.97
161.29	603.76	244.45	49.92	12.46	0.77	0	9	0.14	112.58	318.01	297.8

157.47	605.12	247.32	52.05	12.48	0.8	0	9.71	0.17	115.02	334.79	296.74
157.95	615.26	236.95	52.82	12.34	0.79	0	10	0.16	115.43	324.28	300.07
159.08	616.81	234.9	52.68	12.47	0.84	0	10.63	0.33	113.26	320.19	298.36
162.4	620.85	233.55	55.44	12.68	0.85	0	10.81	0.35	113.39	314	295.16
161.63	616.62	233.61	58.21	12.9	0.89	0	10.75	0.36	113.96	317.15	296.84
159.07	618.28	232.23	59.34	12.82	0.91	0	10.4	0.35	113.11	330.59	296.47
160.75	616.1	222.94	58.52	12.88	1.02	0	10.36	0.4	111.63	317.2	301.17
158.5	618.08	230.71	59.52	13.31	1.06	0	10.73	0.41	113.57	326.14	298.22
158.69	610.97	228.82	63.91	12.25	0.98	0	10.25	0.43	113.34	317.88	299.61
157.33	607.48	226.27	63.97	12.72	1.07	0	11.02	0.51	114.39	316.01	298.55
152.3562	609.7808	217.3973	63.9726	17.15068	1.013699	0	7.561644	0.684932	142.6301	312.6849	298.3288
152.274	605.3973	213.0137	65.12329	18.49315	1.068493	0	7.616438	0.657534	142.2192	307.0959	308.0822
152.4384	605.0685	212.7123	66.16438	18.57534	1.369863	0	8.027397	0.60274	142.4932	317.7808	304.3562
154.0822	610.9315	217.8082	67.36986	18.16438	1.260274	0	8.547945	0.575342	146.6301	319.726	300.1096
137.84	509.18	297.61	14.35	7.74	0.27	0	7.61	0	89.57	256.26	306.69
141.61	509.64	292.01	15.61	7.93	0.3	0	7.75	0	88.59	248.83	306.9
142.39	522.37	298.42	16.54	8.07	0.32	0	7.48	0	91.46	274.1	300.17
143.67	520.99	286.47	18.19	8.36	0.32	0	7.73	0	93.57	271.07	303.47
146.13	526.98	279.43	19.3	8.07	0.33	0	7.44	0	94.37	263.46	305.37
149.98	533.59	284.3	19.66	8.26	0.33	0	7.92	0	97.36	281.29	301.62
154.28	551.92	276.55	20.6	7.72	0.35	0	8.1	0	100.15	278.47	296.82
158.45	558.15	276.26	21.31	8.12	0.36	0	7.74	0	98.89	273.56	296.34
159	557.53	274.72	23.08	7.91	0.37	0	7.44	0.01	101.48	283	292.18
163.88	561.3	266.28	25.19	8	0.35	0	8.1	0.01	104.54	291.27	290.21
168.86	561.87	264.53	25.99	7.94	0.38	0	7.12	0	105.96	281.95	287.74
171.13	573.36	261.66	28.42	8.3	0.44	0	7.75	0	104.45	274.8	285.02
172.22	581.17	260.61	30.5	8.76	0.47	0	7.91	0.01	111.75	290.41	286.94
178.02	588.88	259.04	30.71	8.44	0.5	0	7.94	0.01	108.98	295.93	283.87
180.3	589.83	249.12	31.45	8.81	0.47	0	7.99	0.02	105.15	298.34	282.96
181.43	597.78	236.44	33.15	9.15	0.51	0	8.33	0.02	108.86	278.33	284.02
182.5	608.55	247.65	34.24	8.89	0.51	0	7.93	0.03	106.66	301.59	283.51
188.68	620.68	247.89	35.78	8.74	0.52	0	8.47	0.03	106.33	306.34	284.06
193.2	641.48	242.99	36.91	9.01	0.58	0	8.1	0.03	106.79	311.31	287.05
196.31	639.64	239.83	37.67	9.41	0.5	0	8.4	0.02	105.74	300.95	287.42
192.68	641.34	233.93	38.82	9.49	0.5	0	8.29	0.03	103.55	314.11	282.56
190.37	641.97	236.14	38.92	9.53	0.5	0	8.63	0.03	106.31	322.96	273.49
192.61	665.74	230.84	38.02	9.5	0.55	0	8.16	0.02	105.1	307.93	268.56
193.97	669.93	236.85	38.47	9.67	0.55	0	7.95	0.02	102.18	326.59	270.34
195.4	682.62	238.26	39.5	9.9	0.55	0	8.6	0.02	101.57	326.53	273.9
196.43	676.57	240.3	40.57	10.28	0.59	0	8.84	0.02	101.68	317.62	273.99
200.77	675.68	238.95	42.36	10.76	0.57	0	8.86	0.03	103.46	316.44	277.45
201.74	673.95	236.74	42.98	10.58	0.64	0	9.11	0.05	104.22	334.26	279.23
200.25	668.95	240.35	42.72	10.3	0.66	0	9.59	0.08	104.49	334.07	276.79
202.26	645.49	232.87	45.07	10.17	0.65	0	9.97	0.19	100.79	334.76	266.5
201.16	659.5	228.84	45.11	10.23	0.65	0	10.42	0.19	103.19	335.27	265.37
196.07	646.5	235.78	46.55	10.17	0.64	0	10.47	0.27	105.29	320.66	261.69
194.3	634.51	234.88	45.49	10.16	0.69	0	9.83	0.3	102.76	311.58	263.87
187.89	635.6	225.14	47.78	10.36	0.72	0	10.36	0.31	102.5	307.63	263.46
186.57	640.94	226.1	48.42	10.27	0.73	0	10.09	0.42	103.45	312.46	268.88

187.56	643.1	229.53	50.57	11.23	0.79	0	10.37	0.46	103.64	320.66	269.46
182.52	644.99	227.44	50.83	11.52	0.83	0	10.54	0.41	104.28	320.65	266.88
190.58	656.73	224.69	53.9	12.26	0.81	0	10.4	0.29	104.3	329.17	273.23
189.4	663.21	226.32	52.42	12.51	0.81	0	10.64	0.31	103.97	345.53	274.34
187.96	655.42	229.08	53.68	12.23	0.85	0	10.92	0.32	104.71	341.87	276.05
185.43	666.51	224.79	56.8	12.37	0.83	0	11.43	0.56	108.78	330.89	280.36
185.11	679.64	223.38	58.06	12.82	0.98	0	11.72	0.43	108.51	316.29	284.76
185.98	677.52	217.47	56.18	12.66	0.97	0	11.63	0.19	110.29	334.33	281.84
180.68	666.59	220.63	58.03	12.71	0.98	0	12.53	0.2	111.7	352.42	280.64
180.73	677.02	205.92	57.72	12.56	0.98	0	12.91	0.19	109.95	331.32	283.29
183.07	677.44	202.77	54.91	12.46	1.06	0	13.96	0.4	104.65	319.48	281.7
184.92	680.62	203.98	56.53	13.24	1.08	0	13.89	0.46	103.85	319.88	278.4
180.16	674.63	201.33	58.63	13.69	1.09	0	13.67	0.44	104.9	318.33	283.13
178.28	674.59	198.98	59.76	13.16	1.1	0	13.42	0.45	106.61	334.22	284.41
178.18	669.87	192.95	58.72	13.47	1.26	0	13.14	0.48	106.01	313.41	288.27
174.47	673.44	196.92	59.64	14.06	1.3	0	13.53	0.49	106.74	317.62	286.37
171.77	666.51	193.47	62.43	13.68	1.19	0	12.92	0.54	106.54	305.34	285.5
168.68	668.55	190.75	61.75	13.49	1.3	0	13.8	0.63	108.34	300.41	287.2
166.1096	665.863	182.4932	61.28767	16.9589	1.260274	0	9.780822	0.767123	117.7808	292.2466	289.1507
167.5342	666.6849	177.2877	62.68493	18.9589	1.342466	0	10.0274	0.739726	118.137	289.3973	287.4521
167.1507	668.7671	176.3836	64.30137	18.93151	1.643836	0	10.73973	0.630137	121.3425	304.0548	287.8904
168.8219	671.8082	180.8767	64.43836	18.54795	1.589041	0	11.26027	0.657534	122.3288	305.8904	285.8904
37.45	103.31	25.95	1.34	122.83	2.05	0	0.19	0	80.93	319.54	208.02
36.63	117.46	24.63	1.23	114.97	2.06	0	0.19	0	80.99	325.27	222.7
40.17	138.34	27.22	1.26	112.41	2.19	0	0.19	0	81.27	316.74	231.34
42.45	212.93	30.76	1.48	106.99	2.34	0	0.24	0	82.07	291.85	230.3
40.23	196.66	28.34	1.76	111.3	2.15	0	0.26	0	82.19	316.89	271.88
39.67	185.93	30.44	1.87	109.76	1.79	0	0.22	0	82.92	282.69	217.74
42.37	163.12	25.66	2.41	94.9	1.83	0	0.2	0	83.55	238	231.76
46.29	126.06	24.32	2.8	88.52	1.98	0	0.2	0	85.15	260.14	228.95
50.61	143	40.4	3.06	82.82	1.84	0	0.34	0	86.38	269.07	253.56
50.25	175.66	32.66	3.99	105.15	2.16	0	0.23	0	86.92	216.28	113.64
52.8	146.28	27.58	5.72	98.01	2.42	0	0.4	0.05	88.63	175.93	267.13
52.34	145.87	29.57	7.49	95.19	1.9	0	0.44	0	88.19	133.27	283.35
49.37	197.18	36.21	8.94	124.72	2.34	0	0.81	0	89.73	104.48	230.48
51.11	170.03	34.52	8.81	114.09	2.49	0	1.14	0	89	89.69	202.51
62.18	174.94	35.58	8.33	136.85	2.28	0	0.75	0	88.48	89.6	196.83
63.68	157.96	35.13	7.93	113.65	1.97	0	0.39	0.49	88.72	66.9	199.76
71.98	184.02	37.33	9.67	113.37	2.76	0	0.52	0	89.94	67.32	216.52
77.29	162.86	39.61	10.87	112.78	2.97	0	0.29	0.08	89.49	72.01	206.52
71.58	171.05	42.72	11.65	124.28	2.43	0	0.35	0	90.5	68.87	206.65
69.99	147.69	39.42	12.54	101.34	2.18	0	0.15	2.46	79.17	80.58	228.39
75.3	145.46	39.92	12.9	104.37	2.47	0	0.34	3.14	77.36	82.75	109.61
70.84	152.92	41.46	13.36	113.54	2.48	0	0.23	1.3	75.78	79.78	219.28
71.93	190.71	43.93	16.39	103.87	2.97	0	0.23	0	76.09	114.32	205.58
73.72	170.66	41.64	14.74	106.32	2.34	0	0.23	0	76.07	99.52	216.54
76.05	142.97	43.53	13.88	106.05	2.23	0	0.18	0.02	85.89	118.19	213.99
86.29	144.56	41.29	14.49	123.7	2	0	0.24	0	73.97	96.3	211.35
85.72	145.04	41.94	13.7	119.91	2.1	0	0.47	0	64.42	122.94	222.77



84.4	129.71	37.97	14.77	114.43	2.89	0	0.23	0	70.77	82.13	209.01
86.36	119.56	36.39	18.64	113.32	1.92	0	0.34	0.25	73.67	83.97	241.05
103.61	168.32	43.82	20.15	119.67	2.68	0	0.36	0.22	75.5	88.45	220.23
102.36	165.66	46.13	21.7	136.75	2.83	0	0.25	0.31	76.14	86.19	221.44
102.99	185.01	47.76	23.94	142.11	2.43	0	1.39	0.25	76.22	77.41	234.24
102.24	190.58	61.62	28.63	148.1	3	0	0.25	0.42	73.64	123.73	231.76
94.72	166.29	57.34	29.66	141.76	3.18	0	0.21	0.26	71.67	108.58	249.25
95.09	183.27	48.75	30.27	113.08	3.17	0	0.24	0.25	70.93	124.73	254.68
91.88	161.18	67.08	33.02	123.92	2.56	0	0.9	0.47	68.37	147.76	256.83
93.77	153.06	53.89	33.43	128.97	3.76	0	0.42	0.4	70.3	148.25	254.87
92.61	136.25	52.92	29	120.01	2.98	0	0.38	0.57	71.91	159.14	259.27
97.84	145.99	61.91	32	117.4	2.14	0	0.28	0.66	79.14	163.89	263.71
101.31	91.77	62.25	33.99	116.15	2.58	0	0.12	0.32	78.77	202.89	268.05
91.56	126.93	57.71	35.26	118.5	2.38	0	0.12	0.39	90.34	196.18	270.81
86.75	100.11	52.86	37.08	124.32	2.77	0	0.09	0.49	92.62	220.4	272.65
84.04	110.36	62.39	42.12	124.44	2.36	0	0.83	0.44	99	221.37	260.59
84.75	131.83	65.09	48.76	123.33	2.08	0	0.97	0.57	102.5	250.85	242.04
86.95	124.07	66.62	49.25	123.75	2.64	0	1.17	0.59	109.91	229.27	253.64
88.83	108.68	73.47	51.77	122.08	2.73	0	0.57	0.65	112.01	252.81	246.05
81.34	107.98	69.51	51.29	120.9	2.3	0	1.41	0.55	111.2	257	246.94
80.31	118.38	65.32	50.87	133.37	2.73	0	1.56	0.83	106.02	246.03	246.54
72.03	129.25	65.33	41.06	138.19	2.31	0	1.02	1.31	108.84	261.45	238.81
65.17	118.13	69.4	51.29	143.61	2.48	0	0.89	0.73	99.48	215.05	236.81
63.57	140.86	73.82	67.28	118.52	1.66	0	1.17	0.72	108.64	226.52	237.6
66.81	133.27	77.2	85.99	101.28	1.61	0	1.35	1.69	107.95	233.15	242.35
60.55	122.65	77.69	55.51	124.97	1.98	0	1.38	0.83	104.32	233.99	230.74
53.17808	78.27397	77.34247	71.61644	184.9041	1.835616	0	0.575342	2.767123	348.411	265.0685	223.2603
47.17808	69.9726	78	68.60274	183.4247	1.890411	0	0.575342	2.630137	381.9452	269.7534	221.9452
44.82192	80.76712	79.91781	71.39726	185.7808	1.890411	0	0.575342	2.630137	375.6438	249.9178	221.9178
49.91781	79.61644	79.12329	76.76712	181.0411	1.917808	0	0.684932	2.657534	389.4247	248.0822	222.1644
99.07	1039.12	313.87	3.99	5.27	0.22	0	0.42	0	123.72	50.75	233.85
103.56	986.99	317.61	3.9	6.77	0.24	0	0.5	0	113.69	39.23	212.69
107.45	1004.37	317.25	4.16	6.42	0.26	0	0.41	0	89.33	58.26	216.42
113.67	983.7	308.62	4.1	8.8	0.25	0	0.46	0	117.6	48.31	193.85
112.48	1008.73	331.22	4.14	8.94	0.26	0	0.55	0	119.68	42.49	195.16
113.88	1017.24	320.3	4.31	8.04	0.29	0	0.56	0	128.1	53.96	188.53
116.27	1033.5	260.64	4.36	8.88	0.31	0	0.49	0	124.61	47.96	182.16
113.91	990.96	280.58	4.13	9.31	0.35	0	0.45	0	127.27	46.26	181.44
123.98	971.46	283.21	4.81	8.39	0.37	0	0.49	0	136.15	52.78	179.91
129.04	889.04	262.88	5.17	10.03	0.34	0	0.51	0	139.52	55.19	179.9
134.88	945.17	262.59	4.98	8.07	0.3	0	0.47	0	135.97	57.11	173.07
140.61	942.11	269.82	5.84	7.5	0.33	0	0.66	0	136.77	57.17	171.82
145.12	993.73	256.63	4.93	8.11	0.33	0	0.72	0	139.99	57.18	167.68
146.7	944.3	240.05	5.13	7.6	0.39	0	0.69	0	133.03	71.42	170.05
157.97	997.4	248.02	6.49	9.37	0.35	0	0.65	0	122.59	71.12	170.52
153.62	976.72	220.65	6.78	5.68	0.39	0	0.84	0	121.81	66.86	164.63
153.75	953.56	233.22	7.43	6.17	0.34	0	0.89	0	113.3	79.45	157.77
153.48	978.1	247.06	6.85	6.31	0.32	0	0.91	0	104.58	100.52	171.62
158.63	978.03	241.21	7.88	6.06	0.52	0	1.04	0	91.45	91.35	168.56

163.34	943.61	237.59	8.69	8.7	0.49	0	1.06	0	104.77	96.57	163.42
157.09	971.14	228.71	9.66	8.48	0.45	0	1.18	0	99.86	90.83	170.57
163.17	1014.01	228.48	9.36	8.11	0.44	0	1.39	0	100.02	103.57	171.33
159.79	921.23	196.3	10.35	8.2	0.48	0	1.64	0	101.69	110.55	159.1
161.34	940.4	246.58	10.83	6.22	0.48	0	1.19	0	96.8	112.05	167.71
167.22	874.44	243.08	11.35	9.47	0.41	0	1.49	0	101.23	123.55	167.04
167.6	909.2	234.17	12.19	8.04	0.56	0	1.44	0	93.08	137.81	164.42
170.79	877.97	218.73	14.74	10.56	0.63	0	1.39	0	97.05	129.42	164.66
170.49	966.61	230.97	15.33	10.7	0.53	0	2.45	0.07	105.68	158.3	189.86
167.99	1005.02	239.28	18.35	11.71	0.47	0	3.93	0.08	112.33	157.46	197.8
162.69	991.02	225.54	19.79	10.89	0.52	0	3.35	0.08	115.85	156.24	195.41
158	905.65	210.38	21.61	10.12	0.48	0	3.67	0.09	111.2	164.26	190.58
153.5	945.87	181.74	21.26	13.37	0.46	0	3.19	0.09	118.9	161.8	193.38
143.72	902.82	181.92	20.48	12.72	0.4	0	3.61	0.1	120.46	163.68	160.77
144.63	969.91	183.81	23.17	17.73	0.44	0	4.09	0.11	110.39	194.14	155.34
151.87	1026.08	182.95	25.54	5.93	0.42	0	4.14	0.09	109.61	178.06	169.91
151.17	976.1	188.39	30.07	10.59	0.52	0	3.79	0.09	104.01	193.85	159.51
150.56	993.2	188.94	29.85	12.18	0.58	0	3.81	0.1	105.28	202.93	191.03
155.2	1043.79	187.82	32.56	11	0.62	0	2.95	0.1	100.64	176.15	179.74
152.01	987.73	192.18	34.74	11.19	0.6	0	3.19	0.1	100.42	201.34	217.12
146.11	995.21	190.38	37.4	11.44	0.74	0	3.23	0.12	105.35	195.1	212.77
144.16	1011	193.74	43.02	12.2	0.69	0	3.17	0.14	95.77	192.83	218.39
145.35	988.9	191.33	46.48	13.78	0.61	0	3.05	0.13	95.28	197.89	213.23
146.07	1005.19	196.55	48.68	12.04	0.59	0	2.77	0.13	94.06	199.11	215.48
150.79	950.68	200.41	49.28	9.93	0.63	0	2.71	0.13	95.43	206.43	219.63
152.69	966.14	197.01	49.02	12.55	0.7	0	3.24	0.11	93.24	215.94	214.94
151.9	966.81	195.65	47.48	12.21	0.74	0	3.17	0.13	91.39	204.67	225.97
158.26	1025.29	187.66	51.47	12.95	0.74	0	4	0.12	94.39	216.83	221.31
153.54	1084.06	187.52	53.86	13.16	0.74	0	4.5	0.12	81.94	213.77	225.11
154.02	1068.1	182.77	50.44	11.96	0.84	0	4.8	0.14	92.66	232.23	213.85
161.4	1067.9	183.54	48.05	12.07	0.66	0	5.08	0.12	84.36	219.91	223.33
158.4	1114.71	182.76	49.84	12.32	0.78	0	6.38	0.14	85.82	241.36	214.05
165.77	1170.91	171.01	52.47	11.95	0.83	0	6.68	0.17	86.83	225.92	229.52
161.61	1209.65	179.86	54.45	12.12	0.91	0	6.88	0.23	86.78	243.45	224.64
160.3014	1238.247	163.2329	50.68493	12.24658	0.794521	0	3.205479	0.547945	110.0822	234.0822	221.6164
159.9726	1303.425	153.3425	50.54795	12.05479	0.794521	0	3.013699	0.547945	108.9863	226.3836	217.8356
161.3425	1288.658	161.8082	51.0137	12.32877	0.712329	0	3.123288	0.547945	110.3014	235.0411	218.5479
165.3151	1284.384	165.4247	51.39726	12.46575	0.794521	0	2.986301	0.547945	110.6849	230.8493	220.274
200.63	624.19	315.26	30.24	5.02	0.25	0	7.94	0	83.48	411.23	347.01
205.02	607.45	311.9	30.49	5.27	0.33	0	9.62	0	89.8	407.81	344.71
204.3	616.73	300.79	31.9	3.96	0.32	0	9.49	0	90.72	405.14	329.53
205.68	609.33	293.49	33.23	5.03	0.35	0	9.16	0	96.79	392.18	315.31
209.6	619.07	280.1	34.18	5.18	0.32	0	9.3	0	91.63	392.25	316.61
214.37	640.19	281.06	25.06	4.77	0.35	0	9.64	0	95.48	378.45	302.14
220.6	667.49	280.03	25.91	5.28	0.35	0	8.82	0	109.35	382.69	285.78
225.88	711.35	268.47	26.01	5.87	0.42	0	9.01	0	92.43	368.95	281.52
224.93	655.9	261.59	31.86	6.2	0.42	0	8.96	0	104.4	381.64	271.76
228.11	679.1	264.6	32.86	6.39	0.4	0	8.65	0	109.24	369.62	266.91
232.75	670.65	265.01	33.18	6.41	0.46	0	8.13	0	115.38	347.46	255.2

232.4	670.94	258.94	35.77	7.14	0.51	0	8.63	0	107.85	319.25	253.63
231.2	676.57	255.48	38.95	7.13	0.57	0	8.57	0	120.59	322.83	246.77
233.96	665.47	259.34	39.25	7.12	0.55	0	8.01	0	116.53	313.19	248.91
239.06	653.29	248.59	38.47	7.91	0.51	0	8.68	0	107.82	314.37	249.07
244.11	672.95	199.7	40.56	8.6	0.55	0	10.79	0	108.76	288.31	252.67
246.99	723.21	229.72	40.89	7.78	0.56	0	10.86	0	105.63	315.35	260.27
251.81	731.01	229.37	42.8	7.96	0.54	0	11.41	0	108.25	330.69	256.21
259.33	787.65	211.14	43.46	9.12	0.5	0	10.96	0	97.31	326.03	255.28
262	770.12	202.98	43.94	9.58	0.51	0	10.37	0	91.19	314.79	261.56
254.43	802.71	201.12	45.14	9.82	0.54	0	9.46	0	98.05	309.34	261.64
247.24	789.56	205.69	49.4	10.04	0.54	0	9.9	0	92.69	321.41	251.28
249.84	789.09	206.23	44.93	9.9	0.57	0	10.68	0	98.23	309.63	251.61
251.66	790.99	202.93	46.01	10.04	0.5	0	9.52	0	96.27	304.15	251.8
249.27	835.5	207.72	48.13	10.36	0.52	0	10.39	0	95.6	344.08	249.47
242.47	839.13	203.77	48.92	10.18	0.55	0	10.13	0	93.02	310.02	253.06
245.88	821.22	205.82	52.82	10.11	0.62	0	10.26	0	101.24	326.63	251.99
243.96	789.43	201.79	53.3	11.33	0.65	0	8.55	0.02	98.89	352.55	255.05
240.34	789.83	196.36	56.38	10.98	0.55	0	8.88	0.02	98.13	351.59	256.06
240.92	764.72	196.93	57.04	9.83	0.54	0	8.98	0.02	98.75	346.81	251.07
245.1	820	199.99	59.24	11.08	0.6	0	9.65	0.03	99.73	354.01	247.23
236.42	802.28	205.58	59.51	9.75	0.65	0	10.18	0.02	103.33	328.3	239.88
226.79	782.43	203.04	57.73	8.86	0.62	0	9.5	0.03	101.38	339.18	256.17
222.99	767.27	186.76	63.35	10.01	0.58	0	9.42	0.03	101.17	273.47	255.83
229.12	780.9	194.42	65.09	9.05	0.62	0	9.79	0.03	102.18	292.69	256.5
227.11	738.57	194.22	70.2	9.28	0.62	0	9.89	0.02	105.88	290.25	258.39
227.13	739.74	192.44	72.22	12.01	0.62	0	10.14	0.04	107.21	283.58	258.31
232.71	755.67	186.26	73.17	12.61	0.63	0	10.98	0.04	110.2	298.76	262.46
228.39	768.68	186.74	69.38	13.29	0.61	0	10.6	0.04	112.29	299.88	263.26
226.55	762.4	184.63	72.5	13.41	0.55	0	10.94	0.06	108.85	299.89	263.46
227.62	784.19	182.75	75.51	13.79	0.54	0	11.11	0.07	111.64	296.03	269
222.97	801.58	180.87	70.38	13.82	0.75	0	11.17	0.09	113.22	299.94	268.04
220.7	780.68	176.35	67.07	13.71	0.71	0	10.16	0.07	110.64	293.84	266.07
205.13	760.28	182.29	66.33	13.28	0.66	0	10.45	0.08	112.77	307.61	272.03
206.18	738.8	143.71	56.94	14.47	0.69	0	9.32	0.09	114.18	285.73	273.75
193.59	749.43	152.86	55.02	14.04	0.7	0	9.54	0.08	103.82	267.81	283.61
191.4	752.24	151.93	57.47	16.18	0.65	0	8.83	0.09	102.07	269.51	268.74
202.23	697.78	157.55	66.26	15.33	0.79	0	10.47	0.11	99.55	276.4	292.43
202.05	701.01	144.68	64.83	15.12	0.79	0	11.12	0.11	110.62	289.59	275.8
203.1	684.78	153.56	63.15	14.69	0.81	0	11.37	0.13	104.08	282.64	302.71
196.99	693.61	149.41	64.98	15.55	0.69	0	11.28	0.15	103.34	272.8	291.49
196.27	679.84	144.86	65.79	14.54	0.66	0	11.52	0.15	104.21	269.81	299.27
190.95	693.92	147.37	62.81	13.38	0.77	0	11.85	0.15	107.46	266.98	297.07
186.3014	721.5068	140.1096	65.58904	19.91781	0.712329	0	9.753425	0.465753	127.4247	268.4384	300.2466
186.7397	717.2329	139.9178	65.61644	20.90411	0.712329	0	10.32877	0.465753	130.2192	264.1096	304.8219
183.9452	741.6986	139.6986	65.69863	21.06849	0.712329	0	10.57534	0.465753	130.4384	269.5616	301.1507
180.3288	747.7808	139.1781	62.73973	21.36986	0.712329	0	10.82192	0.465753	134.9863	265.0137	304.3562
81.42	97.22	51.06	6.93	74.41	0.17	0	0.34	0	126.06	275.22	307.71
84.64	98.17	62.02	7.8	55.77	0.59	0	0.33	0	128.22	280.39	301.04
80.62	101.48	60.44	8.97	67.64	0.18	0	0.16	0	129.36	281.21	296.9

73.02	141.61	97.9	11.93	42.77	0.27	0	0.12	0.06	129.45	286.04	295.29
79.12	160.5	89.1	19.59	54.82	0.54	0	0.29	0.21	115.46	312.58	298.4
93.93	192.04	98.59	26.13	73.58	0.37	0	0.42	0.25	104.54	354.99	291.94
106.05	212.84	138.36	27.34	63.75	0.66	0	0.36	0.25	119.2	315.98	282.88
91.3	231.5	112.04	33.67	50.62	0.56	0	0.27	0.37	116.89	359.72	285.59
104.51	201.78	87.86	31.11	67.62	0.69	0	0.28	0.26	127.66	295.59	276.26
91.07	213.82	150.98	42.02	57.76	0.8	0	0.57	0.3	135.02	319.57	279.23
92.65	230.86	107.31	34.94	58.42	0.79	0	0.26	0.26	114.59	314.98	281.07
117.82	181.83	105.96	31.81	67.52	0.6	0	0.39	0.12	128.3	312.8	275.58
113.63	184.95	109.48	37.64	59.91	0.74	0	0.16	0.13	126.85	290.17	279.65
91.39	188.6	142.94	38.81	60.82	0.6	0	0.24	0.28	140.56	291.08	287.07
127.99	179.46	99.83	34.76	61.11	0.48	0	0.25	0.23	137.72	283.43	281.15
109.33	194.06	87.05	38.15	61.13	0.42	0	0.45	0.22	134.54	289.32	277.05
113.89	173.32	64.51	38.18	62.88	0.3	0	0.26	0.28	130.81	313.82	275.23
109.02	184.78	50.6	40.33	68.55	0.34	0	0.17	0.19	126.87	306.4	273.44
114.46	204.69	58.28	53.14	66.78	0.34	0	0.28	0.11	110.27	311.1	274.1
96.91	185.09	54.04	50.72	74.01	0.38	0	0.2	0.23	116.19	281.33	261.36
102.54	199.38	48.93	52.44	72.97	0.33	0	0.23	0.23	111.65	295.79	255.53
106	182.09	43.65	52.72	70.59	0.34	0	0.17	0.19	121.36	281.42	263.86
107.13	197.69	46.54	57.68	70.31	0.41	0	0.3	0.33	119.2	265.44	267.4
117.22	199.2	42.92	57.45	77.99	0.5	0	0.19	0.52	112.6	275.37	251.87
118.8	196.31	42.18	63.62	72.85	0.55	0	0.33	0.17	112.99	259.98	254.19
122.75	211.58	39.44	69.65	75.43	0.64	0	0.23	0.17	109.35	304.26	241.2
120.71	210.97	35.82	74.12	77.18	0.62	0	0.37	0.13	110.84	284.23	240.19
133.04	205.58	32.66	77.52	69.06	0.53	0	0.22	0.14	115.14	264.88	247.18
129.41	212.46	28.2	75.22	69.91	0.66	0	0.07	0.17	119.52	254.39	247.46
109.95	253.39	64.6	90.7	80.16	0.53	0	2.88	2.26	104.94	228.93	238.7
165.22	262.38	31.1	82.02	76.9	0.62	0	0.24	0	110.99	234.64	242.94
159.46	247.29	77.12	103.4	82.79	0.68	0	2.34	2.12	112.12	189.13	222.51
161.13	278.03	73.98	96.42	85.51	0.7	0	2.29	2.04	105.54	206.23	226.3
162.17	265.53	71.82	95.25	92.37	0.6	0	3.01	2.85	106.81	216.38	201.55
173.65	293.34	68.83	98.58	93.36	0.49	0	2.71	2.95	107.57	226.29	188.76
163.16	285.82	53.81	99.08	88.64	0.7	0	2.65	2.52	118.41	227.61	206.94
157.19	279.43	57.53	103.12	92.39	0.64	0	3.03	2.32	121.33	203.11	187.85
171.94	254.93	76.81	105.17	91.23	0.76	0	3.36	2.7	109.16	211.01	198.38
166.32	249.76	72.17	102.05	92.27	0.56	0	2.89	2.57	105.56	213.89	193.78
166.96	270.03	81.24	111.32	93.33	0.8	0	2.63	3.26	102.41	217.79	180.31
167.72	275.07	80.8	116.07	92.86	0.96	0	3.07	3.05	103.58	220.68	180.44
176.75	281.55	79.47	118.88	96.05	0.79	0	3.89	2.83	92.41	218.09	172.67
175.18	286.48	84.83	119.98	94.88	0.78	0	3.88	2.55	94.44	220.42	175.57
178.26	291.44	85.44	129.21	94.35	0.78	0	3.16	2.37	92.34	215.1	178.16
176.79	291.9	89.92	118.23	100.19	1.04	0	3.5	2.6	90.44	222.26	179.82
164.53	281.23	82.06	122.52	101.34	0.79	0	4.24	2.32	100.09	202.88	178.28
184.8	289.96	96.46	130.35	93.89	0.97	0	5.09	2.5	89.07	215.13	181.62
175.12	274.07	94.56	127.1	98.08	1.19	0	5.19	2.21	94.47	207.63	180.45
170.08	281.86	94.58	128.35	91.71	1.26	0	3.79	2.15	94.57	195.8	179.52
160.4	280.21	95.05	128.22	96.12	0.88	0	4.12	2.16	94.99	195.52	188.34
162.7	271.1	93.71	132.1	95.32	1.03	0	5.04	2.11	91.74	193.29	190.91
158.51	290.65	95.44	131.58	95.9	0.91	0	4.85	2.1	90.83	190.68	191.14

154.62	281.01	94.31	135.75	97.5	0.6	0	4.05	2.12	94.2	182.31	188.13
132.8493	103.6712	64.05479	132.8767	96.9863	0.657534	0	4.767123	6.356164	144.411	182.3836	184.4658
131.1233	106.7671	63.67123	131.6438	98.60274	0.547945	0	4.712329	6.356164	131.8082	179.5068	176.2192
146.6849	102.7123	63.0411	129.8904	101.2329	0.356164	0	4.630137	2.109589	139.9726	179.9178	166.5205
143.589	109.1781	62.65753	129.863	94.38356	0.410959	0	4.273973	0.410959	132.0822	196.2466	188.4932
125.71	13.75	2.95	1.41	7.78	0	0	0.05	0	39.35	161.12	28.9
131.14	11.2	3.27	1.46	12.62	0	0	0.04	0	41.63	158.97	29.88
136.18	17.33	3.33	1.52	9.63	0	0	0.04	0	42.26	159.1	27.28
140.95	15.61	3.83	1.66	9.42	0	0	0.03	0	45.11	165.22	32.14
140.9	16.03	3.6	1.57	9.58	0.02	0	0.06	0	43.37	171.62	31.76
143.5	17.94	4.04	1.51	9.59	0.01	0	0.04	0	47.8	175.65	43.93
141.78	18.01	4.42	1.48	9.21	0.01	0	0.01	0	46.62	182.8	45.5
141.23	19.4	4.14	1.59	8.67	0.01	0	0.03	0	52.68	184.76	45.48
141.31	25.66	3.82	1.64	10.34	0.02	0	0.03	0	53.1	184.25	45.95
137.25	24.6	3.16	1.84	12.82	0.03	0	0.02	0	54.02	185.39	44.37
132.24	24.21	2.92	2.27	13.44	0.04	0	0.05	0	55.01	191.13	33.16
130.45	31.34	3.51	2.1	12.52	0.06	0	0.04	0	59.51	185.52	33.34
128.15	24.91	3.63	3.12	9.76	0.04	0	0.03	0	60.57	174.01	42.03
128.18	40.88	4.31	5.29	13.79	0.06	0	0.03	0	64.92	179.58	82.32
125.77	64.64	5.36	7.89	19.33	0.11	0	0.03	0	80.82	177.53	90.57
117.38	65.63	3.27	9.61	26.36	0.04	0	0.02	0	73.53	189.17	103.59
127.1	76	3.48	11.18	32.42	0.17	0	0.04	0	73.51	187.17	122.81
126.2	93.44	4.26	19.06	31.68	0.14	0	0.09	0	70.1	191.37	124.13
134.87	60.54	4.78	15.1	25.6	0.08	0	0.05	0	66.55	196.5	116.12
135.67	71.07	6.13	18.58	17.36	0.12	0	0.06	0	71.56	215.43	116.54
147.12	68.92	5.96	22.4	29.41	0.12	0	0.05	0	77.46	211.59	110.34
151.64	68.08	6.95	30.07	35.16	0.21	0	0.01	0	77.49	225.11	115.71
148.24	66.95	7.24	27.69	35.02	0.2	0	0.01	0	74.46	221.95	126.96
156.25	76.58	6.85	27.91	43.36	0.42	0	0.02	0	75.09	230.87	132.7
165.5	84.96	10.12	28.99	47.31	0.35	0	0	0	72.51	240.51	144.77
156.79	61	11.38	25.56	36.7	0.37	0	0	0	75.24	231.95	123.25
144.96	68.66	8.09	30.48	42.92	0.41	0	0.13	0	73.33	224.66	119.36
140.61	62.86	6.42	32.35	42.22	0.28	0	0.15	0	71.51	215.09	128.66
131.43	60.49	4.83	22.49	41.52	0.21	0	0.18	0	69.8	208.14	104.29
118.23	55.18	4.23	18.94	41.18	0.25	0	0.29	0	66.73	210.57	90.96
139.33	68.47	7.15	25.71	67.45	0.18	0	0.19	0	54.95	200.49	119.39
148.86	72.68	6	25.48	73.31	0.15	0	0.19	0	53.9	198.84	122.54
158.56	93.19	7.25	18.66	77.68	0.12	0	0.26	0	57.37	216.08	123.31
145.59	64.82	3.08	27.67	86.71	0.07	0	0.38	0	53.85	201.77	116.01
130.55	71.94	3.07	39.97	102.4	0.06	0	0.25	0	57.07	199.19	118.95
116.84	74.83	2.61	32.83	104.76	0.08	0	0.43	0	59.05	205.23	120.15
105.32	97.76	3.76	35.33	107.07	0.06	0	0.75	0	59.06	196.35	123.05
117.62	93.61	3.77	33.78	104.97	0.19	0	0.84	0	61.79	206.95	126.23
118.88	91.93	4.87	29.81	104.54	0.18	0	0.81	0	60.46	205.75	138.65
115.73	91.13	9.4	32.74	103.58	0.14	0	0.38	0	54.26	212.18	145.06
115.68	97.49	9.39	36.23	101.94	0.17	0	0.27	0.01	53.21	188.73	146.9
97.69	79.07	4.3	40.03	102.22	0.13	0	0.23	0.01	54.22	181.02	144.65
99.9	71.97	11.71	43.53	103.16	0.12	0	0.16	0	55.22	174.04	146.33
104.99	100.41	6.16	57.72	103.12	0.4	0	0.53	0	55.32	192.49	142.27

113.54	99.6	6.33	66.63	102.14	0.48	0	0.47	0.01	53.59	195.08	149.56
120.68	102.85	8.4	70.59	96.98	0.42	0	0.61	0.01	53.69	181.46	150.88
110.64	103.02	7.75	76.42	93.74	0.34	0	0.14	0.01	54.99	183.16	151.5
95.5	77.61	5.9	83.43	103	0.32	0	0.22	0	50.81	179.05	155.81
96.91	90.7	6.66	87.91	92.71	0.32	0	0.14	0	54.27	176.58	168.08
101.53	94.93	8.32	83.73	91.98	0.11	0	0.16	0	54.94	192.35	167.4
103.72	94.92	7.24	90.69	94.31	0.07	0	0.12	0	55.1	186.24	170.61
111.21	95.14	9	88.94	101.29	0.04	0	0.11	0	51.75	194.71	172.63
119.61	83.64	10.61	90.4	101.55	0.02	0	0.16	0	52.45	188.39	172.25
112.6301	39.72603	3.589041	84.13699	138.9589	0.027397	0	0.027397	0	55.20548	150.5205	166.0822
113.9726	39.0137	3.589041	89.0411	138.5753	0.027397	0	0.109589	0	54.16438	146.4658	167.6164
102.1918	36.9863	3.643836	80.87671	134.9863	0.027397	0	0.082192	0	51.64384	149.9726	166.5753
103.4521	35.61644	3.479452	80.35616	137.9726	0.054795	0	0.191781	0	51.64384	144.8767	162.1644
30.91	33.82	1.08	1.45	162.21	0.01	0	0.36	0	31.29	60.18	17.64
31.83	35.89	0.61	1.36	170.84	0.01	0	0.36	0	30.14	58.57	19.3
32.92	32.48	0.9	1.37	181.37	0.01	0	0.35	0	18.32	58.73	17.2
33.7	29.46	0.7	1.5	188.49	0.01	0	0.35	0	9.74	57.01	15.02
34.78	27.54	0.63	1.64	194.31	0.01	0	0.62	0	39.81	51.97	15.5
35.79	33.78	0.5	1.77	184.79	0.01	0	0.38	0	28.24	76.8	16.21
36.36	34.48	0.53	1.89	195.63	0.01	0	0.38	0	51.1	73.89	19.58
36.64	40.23	0.81	1.85	181.18	0.01	0	0.26	0	55.79	74.02	22.79
37.14	36.89	0.73	1.82	185.94	0.02	0	0.26	0	53.48	72.56	18.26
38.29	45.69	0.43	1.8	190.32	0.01	0	0.1	0	44	84.91	18.65
38.35	40.31	1.07	1.77	186.46	0.01	0	0.1	0	51.91	73.53	23.15
39.16	33.74	1.1	1.73	173.76	0.01	0	0.07	0	19.3	69.29	17.82
38.78	36.54	0.53	1.69	161.25	0.03	0	0.15	0	20.5	66.51	20.7
36.8	43.55	0.42	1.69	158.05	0.04	0	0.12	0	21.22	64.77	19.03
36.46	41.38	0.39	1.77	213.99	0.01	0	0.12	0	4.69	66.81	8.93
35.29	45.75	0.29	1.84	199.94	0.01	0	0.05	0	22.84	67.11	23.94
33.02	42.9	0.04	1.55	217.94	0	0	0.04	0	40.18	48.07	15.14
32.1	50.48	1.93	1.45	216.92	0	0	0	0	43.71	59.35	47.4
31.11	51.84	1.4	1.64	198.27	0	0	0	0	52.25	70.87	51.8
30.01	41.11	1.36	1.88	199.68	0	0	0	0	51.61	108.25	50.82
29.38	91.84	1.53	1.88	237.83	0	0	0	0	56.74	49.97	52.84
27.5	73.07	1.06	1.9	222.33	0	0	0	0	56.42	57.34	25.75
26.53	92.79	0.81	1.95	209.22	0	0	0	0	72.14	58.43	32.1
24.83	73.51	0.98	2.05	235.24	0	0	0	0	94.63	53.51	42.8
25.23	116.34	2.1	1.95	268.55	0	0	0	0	82.48	56.36	37.94
24.2	74.25	1.79	2.04	229.51	0	0	0	0	125.19	82.06	39.1
26.72	76.7	2.04	2.15	226.22	0	0	0	0	136.81	81.46	38.33
26.85	77.44	3.09	2.24	238.88	0	0	0	0	124.45	70.35	44.86
21.74	55.45	3.42	2.36	229	0	0	0	0	128.62	88.07	39.23
22.25	38.26	3.88	2.49	228.95	0.15	0	1.49	0	127.77	114.84	57.81
27.92	34.14	4.33	2.66	240.97	0.25	0	1.62	0	126.61	104.88	79.41
19.91	49.02	6.71	2.82	190.68	0.59	0	1.04	0	101.72	143.69	76.23
19.24	54.07	7.88	3.02	196.88	0.41	0	1.42	0	102.63	143.06	77.81
20.93	42.68	8.19	3.3	198.36	0.61	0	1.44	0	102.29	79.28	72.45
17.6	44	0.86	2.83	206.84	0.21	0	5.05	0	104.59	111.48	51.43
17.77	50.38	3.75	2	208.81	0.54	0	1.42	0	98.41	103.77	76.91

17.38	49.38	4.62	2.43	206.36	0.43	0	3.12	0	98.18	98.5	82.04
17	50	5.44	1.89	116.71	0.68	0	3.11	0	95.15	102.25	79.63
15.83	84.74	8.62	4.97	138.23	0.13	0	6.18	0.08	88.63	148.29	76.88
20.52	70.2	16.16	6.14	148.17	0.51	0	7.45	0	93.54	139.84	74.31
14.71	67.89	11.94	3.82	138.01	0.13	0	4.48	0.04	72.95	128.03	56.92
15.01	65.95	17.28	3.36	120.32	0.05	0	4.94	0.02	78.01	141.3	89.82
16.82	82.25	12.6	3.04	89.89	0.12	0	4.76	0	75.04	111.94	70.59
17.94	75.38	14.68	11.94	95.29	0.84	0	2.66	0	80.29	144.96	68.28
17.68	63	17.38	14.11	108.16	0.61	0	3.95	0	81.43	146.93	69.27
16.47	68.21	11.61	12.23	121.64	0.87	0	3.2	0	73.57	138.1	64.03
16.39	73.46	11.61	13.33	160.31	0.09	0	3.53	0.01	77.86	133.02	87.49
17.46	84.47	11.85	6.31	178.3	0.17	0	4.88	0.02	72.56	136.28	100.63
15.37	91.94	8.16	9.61	185.77	0.1	0	4.38	0.06	69.55	125.89	107.27
19.24	141.3	12.04	8.75	190.7	0.1	0	5	0.06	69.23	143.8	73.88
13.59	152.41	4.37	11.88	189.91	0.07	0	5.93	0.03	71.19	123.07	82.4
12.56	138.91	5.07	10.51	172.57	0.09	0	7.74	0.01	70.42	104.62	138.87
11.9	126.04	4.44	7.29	169.43	0.07	0	6.56	0	72.14	97.31	103.85
11.83562	102.411	2.931507	9.178082	242.4384	0.054795	0	1.534247	0.027397	79.58904	64.10959	95.06849
13.58904	107.0411	2.958904	9.260274	179.9178	0.109589	0	2.30137	0	81.31507	88.35616	98.68493
14.24658	84.71233	2.821918	9.260274	173.1781	0.493151	0	3.287671	0	80.63014	83.09589	95.09589
13.28767	92.68493	3.123288	9.671233	158.8767	0.054795	0	3.972603	0.027397	79.23288	76.82192	98.41096
60.1	189.51	136.99	6.25	1.02	0.08	0	11.38	0	32.6	148.01	321.53
53.92	185.42	131.83	5.24	0.75	0.04	0	11.52	0	33.59	211.08	330.61
47.83	218.11	134.22	6.48	2.28	1.63	0	11.24	0	28.07	217.27	302.53
81.08	245.29	115.06	6.64	2.64	2.19	0	10.06	0	40.4	231.69	435.52
69.18	287.51	126.01	14.62	1.04	2.93	0	13.39	0	72.9	237.68	430.15
70	333.2	134.34	17.12	1.79	2.59	0	12.77	0	80.91	259.24	430.48
63.3	355.55	131.98	17.21	1.78	3.24	0	15.29	0	75.25	243.24	426
62.75	375.49	142.5	16.7	0.77	2.87	0	12.07	0	75.49	219.86	424.23
62.62	359.68	134.59	17.21	0.18	2.1	0	10.45	0	84.03	206.28	447.56
63.72	416.94	140.31	16.21	0.1	2.64	0	9.49	0	81.08	220.26	419.76
68.52	439.38	140.65	18.75	1.11	3.98	0	8.9	0	89.62	225.59	424.32
72.12	461.46	162.53	19.19	0.28	2.75	0	10.8	0	92.1	228.12	425.73
72.65	488.89	149.08	17.54	5.99	0.37	0	4.48	0	103.36	232.02	422.49
75.96	498.38	146.8	20.31	2.49	0.37	0	8.57	0	105.59	249.85	424.66
64.99	407.99	122.56	16.09	4.59	1.97	0	2.7	0	107.8	155.91	432.32
61.01	420.75	129.31	23.95	5.22	1.72	0	7.9	0	117.02	165.07	425.57
50.33	423.87	133.11	30.71	4.73	4.1	0	4.81	0	123.7	166.96	435.27
43.98	361.59	121.11	31.68	5.47	0.87	0	6.03	0	117.45	151.35	425.28
48.69	389.85	122.54	31.8	6.31	1.31	0	4.38	0	85.29	145.41	427.21
45.9	386.21	133.09	34.83	6.59	1.45	0	4.48	0	81.25	153.07	426.69
43.78	396.25	144.71	35.05	4.99	0.98	0	4.21	0.01	96.81	155.4	438.93
48.72	410.59	153.69	33.64	7.23	1.16	0	5.74	0.01	93.07	158.39	447.75
53.80822	414.2466	141.5616	39.0411	5.863014	0.547945	0	5.452055	0.027397	99.53425	160.2192	440.6575
52.05479	402.6575	135.0685	39.80822	6.493151	0.493151	0	5.479452	0.027397	99.83562	155.726	434.4932
47.94521	386.9589	138.1918	40.49315	6.383562	0.794521	0	5.616438	0.027397	98.76712	149.6438	440.7123
50.38356	381.9452	124.8493	41.83562	6.410959	0.60274	0	5.452055	0.027397	110.137	136.5753	422.5205
171.93	497.79	377.86	13.65	4.07	0.4	0	5.24	0	96	135.08	151.16
174.65	506.62	365.91	14.92	4.77	0.47	0	5.01	0	95.37	134.66	152.33

173.86	520.85	361.96	13.7	4.63	0.43	0	4.79	0	96.76	148.57	149.64
176.99	515.57	346.75	14.87	4.08	0.44	0	5.25	0	100.48	138.29	178.52
179.87	520.48	327.91	15.67	4.97	0.5	0	5.61	0	96.58	133.41	179.65
180.38	495.09	326.1	16.25	6.22	0.44	0	5.7	0	100.74	158.06	175.58
184.35	504.78	328.14	17.19	4.54	0.48	0	5.34	0	98.24	152.65	174.39
194.83	511.23	326.13	17.94	4.1	0.58	0	5.88	0	104.37	143.56	171.21
195.7	517.65	315.85	18.54	4.26	0.56	0	5.63	0	102.09	148.22	169.97
203.25	519.88	309.99	20.37	4.09	0.54	0	5.63	0	107.18	164.62	167.96
210.41	508.59	305.93	21.8	4.33	0.59	0	5.96	0	109.16	160.98	167.61
213.72	514.14	294.92	22.55	4.81	0.62	0	6.37	0	111.45	170.83	167.7
213.18	520.39	286.57	23.2	4.55	0.65	0	6.83	0	116.95	175.77	169.18
223.33	522.96	282.95	22.08	4.31	0.66	0	6	0	115.33	173.52	168.36
226.11	524.65	277.2	23.97	4.64	0.73	0	6.75	0	113.61	168.8	165.26
226.53	543.56	251.53	23.27	4.53	0.81	0	7.13	0	117.86	173.08	176.5
227.86	528.22	264.28	24.37	4.7	0.76	0	7.36	0	111.69	185.23	172.79
238.22	547.65	275.03	25.93	4.28	0.81	0	7.84	0	117.48	187.1	179.94
241.62	552.26	269.98	25.96	4.82	0.95	0	7.57	0	119.29	189.4	184.87
248.29	565.38	255.43	26.45	5.26	0.87	0	7.7	0	118.94	183.27	187.95
249.75	564.76	244.81	26.26	4.98	0.91	0	7.27	0	120.76	197.64	186.58
244.14	571.34	245.57	26.64	5.1	0.87	0	8.06	0	122.12	194.89	185.86
248.78	635.89	239.76	25.73	5.56	0.9	0	7.74	0	120.54	189.28	185.12
248.27	650.51	248.4	26.05	5.29	0.9	0	7.43	0	115.67	207.88	186.54
252.36	644.25	261.28	25.89	5.74	0.84	0	7.88	0	120.34	201.19	186.19
253.32	635.49	251.51	26.38	5.89	0.91	0	8.07	0	124.22	204.43	185.16
255.7	659.11	252.26	27.78	6.33	0.87	0	7.53	0	118.6	204.73	190.97
253.83	689.34	254.49	29.12	6.4	1.08	0	10.05	0.02	120.4	209.89	191.8
243	676.3	256.15	28.75	6.58	1.18	0	10.26	0.03	115.57	209.26	195.46
241.89	638.2	218.81	30.42	6.05	1.1	0	11.79	0.71	96.47	201.88	183.09
223.92	670.07	218.67	31.31	5.83	1.03	0	11.66	0.75	120.3	211.03	183.27
219.67	668.76	217.22	33.04	6.11	1.02	0	12.69	1.23	125.69	218.16	181.14
212.39	641.83	218.05	30.49	5.98	1.02	0	12.47	1.21	116.53	194.78	185.35
208.52	665.59	212.16	32.86	6.22	1.01	0	13.04	1.48	110.77	210.35	188.66
202.68	677.03	212.71	31.82	6.07	1	0	12.98	1.77	120.98	213.1	191.35
206.9	666.97	217.79	36.49	6.43	1.03	0	12.61	2.1	109.86	233.77	194.69
198.43	671.53	212.63	35.48	6.35	1.09	0	13.05	1.53	115.49	227.8	155.76
207.71	649.64	203.13	37.45	6.56	0.91	0	11.73	1.15	111.82	230.76	198.95
204.15	667.62	207.64	34.22	6.72	1.01	0	11.81	1.4	113.22	243.1	200.6
201.77	654.55	206.29	34.78	6.82	1.08	0	12.56	1.1	115.11	244.96	199.44
192.11	677.35	201.72	38.54	6.93	1.05	0	13.49	2.13	125.37	250.45	218.07
193.05	714.41	195.86	36.01	6.79	1.14	0	13.47	1.68	123.72	248.32	233.54
197.75	723.34	190.6	36.97	6.7	1.12	0	12.92	0.32	132.55	243.86	214.23
192.53	693.58	203.54	39.79	6.74	1.23	0	14.97	0.35	134.96	249.93	213.16
190.07	715.42	180.67	39.49	6.93	1.2	0	14.27	0.34	139.53	236.58	226.49
193.17	733.21	174.19	38.15	7.38	1.3	0	15.44	1.58	132.05	241.41	222.35
200.12	744.71	194.13	41.48	8	1.54	0	15.44	1.88	126.21	237.85	225.71
194.03	726.46	191.21	45.61	8.23	1.23	0	15.97	1.69	135.55	241.24	225.66
193.42	757.99	190.48	46.02	8.46	1.3	0	17.13	1.7	131.67	251.69	235.05
194.14	738.99	173.81	48.73	8.03	1.61	0	17.38	1.74	136.67	247.05	238.78
194.3	732.22	189.32	49.23	8.95	1.59	0	17.61	1.73	133.48	258.18	238.11



191.38	733.59	181.8	48.23	9.09	1.63	0	16.71	2.06	129.96	266.08	222.11
188.85	740.21	168.38	48.64	9.16	1.71	0	18.34	2.4	132.85	255.04	228.51
194.4658	753.726	176.8493	50.08219	13.0411	1.69863	0	9.123288	2.575342	134.1918	248.4384	234.5753
193.3973	764.5753	177.0137	50.65753	13.34247	1.69863	0	9.506849	2.328767	135.3425	244.9863	237.3973
192.5753	774.6575	174.4932	53.15068	13.42466	1.643836	0	9.506849	1.178082	131.726	253.1781	243.0959
191.0137	766.0274	184.6027	53.34247	12.93151	1.69863	0	9.835616	1.369863	129.589	261.7808	240.3288
30.97	21.09	0.79	2.23	19.59	0.08	0	1.9	0	38.19	332.83	34.44
27.85	21.39	0.42	2.04	23.34	0.08	0	1.84	0	40.24	328.75	26.68
27.19	18.25	0.46	2.21	15.4	0.04	0	1.78	0	29.65	322.04	16.78
26.03	18.66	0.25	2.51	18.28	0.03	0	1.73	0	29.82	316.04	18.96
25.19	28.83	0.11	2.73	17.67	0	0	1.69	0	37.31	317.31	18.02
25.36	25.94	0.19	2.59	25.05	0.01	0	1.65	0	35.86	361.45	24.08
26.38	24.35	0.19	2.64	24.18	0.01	0	3.88	0	34.39	338.49	24.68
25.89	27.35	0.11	2.67	22.64	0.01	0	1.58	0	33.39	349.74	27.6
28	26.99	0.22	2.69	20.39	0.01	0	1.55	0	38.62	349.19	24.31
28.05	27.03	0.18	2.93	24.41	0.01	0	1.51	0	36.43	412.23	26.74
26.92	33.87	0.26	2.83	21.35	0.02	0	1.47	0	32.76	414.04	14.06
24.73	23.49	0.22	3.1	19.84	0	0	1.43	0	36.43	409.11	26.21
23.91	22.82	0.19	3.09	25.53	0.01	0	1.39	0	34.31	468.31	27.07
25.67	25.1	0.18	2.92	22.95	0	0	1.36	0	29.54	525.42	26.86
23.8	17.11	0.12	2.85	11.12	0	0	1.32	0	24.11	381	24.72
22.41	28.61	0.08	2.61	10.56	0.01	0	1.3	0	26.37	298.68	24.78
23.89	21.28	0.09	3.32	17.72	0	0	1.28	0	23.91	263.09	28.58
25	18.41	0.15	3.22	27.96	0	0	1.26	0	19.56	256.38	30.33
26.05	10.05	0.16	2.96	22.68	0	0	1.23	0	22.47	271.59	31.24
28.15	8.97	0.05	2.69	19.68	0.02	0	1.2	0	27.36	233.32	32.72
29.24	4.53	0	2.25	15.58	0.01	0	1.17	0	15.38	199.04	25.21
31.04	6.13	0.01	1.86	14.42	0.01	0	1.13	0	17.7	189.66	23.63
32.96	14.64	0.02	1.51	17.3	0.01	0	1.09	0	21.6	202.22	26.76
30.65	17.3	0.02	1.44	19.71	0	0	1.05	0	25.71	229.14	20.34
29.64	13.85	0.01	1.31	23.07	0	0	1	0	28.85	230.12	16.29
28.89	11.21	0.01	1.23	22.12	0	0	0.97	0	28.24	257.45	18.67
27.97	10.95	0.01	1.63	24.94	0	0	1.08	0	41.43	272.95	28.03
27.67	10.68	0.04	1.58	24.47	0	0	1.03	0	42.32	255.01	33.13
27.97	10.46	0.08	2.15	23.83	0	0	0.71	0	37.72	288.58	29.21
28.33	9.63	0.11	3	30.06	0	0	0.88	0	35.08	217.37	36.07
31.53	12.88	0.08	3.47	50.24	0.01	0	0.73	0	35.6	289.25	36.19
31.1	13.77	0.13	3.38	44.3	0.01	0	0.7	0	41.2	272.6	29.08
31.04	8.21	0.1	2.86	46.65	0	0	0.86	0	39.83	276.26	40.32
28.93	7.7	0.09	2.88	52.82	0	0	0.81	0	33.93	267.53	32.55
28.2	8.15	0.06	3.26	43.39	0	0	0.51	0	38.95	301.54	21.4
25.04	6.17	0.1	3.48	27.91	0.02	0	0.89	0	33.94	343.09	16.11
25.47	6.28	0.1	3.65	22.22	0.03	0	2.56	0	26.08	334.68	30.79
23.72	13.45	0.1	3.79	24.04	0.05	0	1.51	0	32.58	348.52	32.17
24.65	13.28	0.15	5.41	31.45	0.06	0	0.73	0	35.38	356.91	36.8
25.23	17.14	0.56	5.15	43.85	0.04	0	2.3	0	38.96	307.62	39.61
24.2	19.64	0.59	4.72	63.71	0.12	0	2.55	0.01	38.07	304.79	34.93
24.42	25.48	2.3	6.91	66.54	0.14	0	1.85	0	37.89	317.86	31.04
25.55	18.59	0.55	10.91	62.08	0.14	0	2.11	0.02	36.41	298.06	32.64

25.13	22.47	0.42	9.93	62.58	0.22	0	2.77	0.01	39.71	304.24	37.43
26.42	20.6	0.58	10.41	62.51	0.22	0	3.13	0.04	42.51	275.25	52.89
25.47	24.92	0.44	11.14	68.79	0.26	0	3.38	0.01	42.56	272.58	47.74
26.19	23.54	0.48	14.87	69.56	0.34	0	2.41	0.08	43.96	255.05	52.3
27.46	26.63	0.4	14.39	75.5	0.39	0	2.6	0.43	41.94	262.51	49.42
26.05	16.38	0.43	13.25	80.39	0.5	0	2.1	0.04	46.35	248.05	44.57
27.1	21.94	0.4	16.87	89.95	0.5	0	2.42	0.04	50.83	236.04	45.67
28.48	26.17	0.72	21.95	87.56	0.5	0	2.62	0.03	45.1	236.32	45.59
28.71	22	0.7	22.07	87.88	0.5	0	2.75	0.02	40.2	233.73	41.41
29.3	25.06	0.64	23.65	87.76	0.45	0	2.74	0.02	54.58	236.85	39.6
23.31507	16.93151	0.410959	23.26027	109.3973	0.410959	0	2.493151	0.054795	54.46575	203.6712	47.61644
24.05479	19.83562	0.383562	17.34247	109.8904	0.383562	0	2.657534	0.054795	52.93151	203.4795	44.63014
21.0137	21.15068	0.493151	14.76712	110.274	0.410959	0	2.164384	0.054795	49.83562	192.4932	51.67123
22.08219	19.47945	0.410959	19.83562	112.1096	0.438356	0	1.69863	0.054795	51.0137	180.2192	86.35616
59.89	279.65	87.14	4.02	13.55	0.33	0	23.6	0	41.86	314.09	430.52
66.14	336.89	80.42	5.72	14.35	0.47	0	19.73	0	41.57	316.95	421.54
74.41	341.32	96.04	7.63	14.85	0.48	0	20.2	0	38.69	383.18	417.15
76.96	349.06	105.33	8.44	14.86	0.39	0	19.37	0	43.81	410.35	426.96
90.33	367.53	99.41	11.81	15.27	0.51	0	20.5	0	50.52	400.08	427.07
95.06	390.65	107.95	14.18	12.7	0.5	0	21.95	0	56.87	451.23	408.91
98.29	408.67	135.67	16.72	14.75	0.7	0	24.75	0	57.91	452.22	414.74
100.33	406.92	132.71	14.94	14.54	0.62	0	23.49	0	57.81	502.99	401.69
106.96	421.69	144.94	18.41	14.2	0.59	0	21.36	0	54.15	545.42	415.5
122.24	439.34	151.23	20.59	12.76	0.55	0	21.74	0	60.59	613.86	424.37
122.47	446.53	141.59	25.59	11.43	0.58	0	21.62	0	66.98	624.84	404.18
121.42	445.1	149.02	28.21	11.41	0.57	0	22.03	0	68.48	560.73	419.13
134.66	533.2	164.31	32.17	12.63	0.55	0	24.43	0	79.97	664.09	430.35
126.9	544.06	160.99	30.58	14.98	0.53	0	22.9	0	82.73	740.63	418.21
129.77	529.79	170.57	33.56	12.79	0.6	0	26.77	0	78.81	754.97	424.15
148.31	540.26	181.01	34.74	11.25	0.54	0	24.52	0	84.99	562.26	421
148.55	530.87	181.18	32.94	12.12	0.62	0	21.31	0	87.32	587.46	428.2
161.39	533.93	176.08	32.6	11.65	0.6	0	25.43	0	90.41	730.42	409.02
157.32	560.64	184.33	35.67	10.23	0.65	0	19.77	0	93.5	717.33	404.19
149.95	547.9	210.24	37.06	11.51	0.59	0	24.42	0	73.53	659.97	368.7
139.38	555.63	208.16	37.77	13.28	0.53	0	28.65	0	87.95	779.15	400.29
155.36	561.58	205.35	41.06	14.16	0.41	0	27.32	0	89.18	699.44	416.97
167.3	562.28	206.52	40.92	14.58	0.53	0	26.16	0	89.81	680.88	394.73
169.44	560.91	196.01	41.07	12.9	0.55	0	25.64	0	93.04	803.58	415.32
164.89	584.9	193.26	39.11	14.8	0.57	0	24.75	0	95.67	824.83	391.35
166.74	608.94	199.42	39.12	13.13	0.54	0	24.64	0	95.12	650.9	367.48
174.97	616.75	207.99	39.87	13.09	0.49	0	22.3	0	96.96	648.18	398.49
164.02	607.53	204.11	40.13	13.56	0.62	0	29.99	0	94.82	721.57	390.66
178.61	641.41	212.72	41.61	12.69	0.72	0	28.43	0	100.95	737.11	398.98
165.49	624.84	199.72	43.22	13.64	0.6	0	26.99	0	87.29	710.34	394.87
161.51	635.11	198.68	43.03	12.07	0.86	0	30.16	0	84.07	823.41	394.54
173.05	654.46	212.66	39.97	16.09	0.81	0	29.68	0	89.04	699.07	386.07
166.7	679.25	209.78	40.26	16.02	0.89	0	27	0	84.4	718.24	390.93
168.06	698.09	228.95	41.63	9.99	0.69	0	29	0.01	86.59	741.79	381.3
183.97	710.65	182.69	45.91	21.46	0.58	0	29.54	0.01	85.88	751.84	372.46

174.34	678.2	186.67	42.16	20.94	0.83	0	31	0.01	83.64	762.82	363.98
185.06	716.48	198.96	33.32	19.8	0.81	0	32.44	0.01	74.34	719.46	369
182.13	743.89	214.2	35.95	17.25	0.74	0	26.94	0.01	87.07	735.38	355.64
204.38	741.42	216.15	34.07	21.01	0.8	0	33.44	0.01	88.48	759.71	358.22
244.05	723.61	216.35	36.43	18.45	1.01	0	31.12	0.01	90.39	789.72	358.2
206.94	674.09	201.26	44.2	20.34	0.79	0	34.44	0.01	94.43	772.27	352.54
185.95	718.74	189.86	41.82	20.37	1.16	0	33.83	0.01	94.18	721.57	354.8
180.38	776.92	216.89	56.73	21.09	0.98	0	34.61	0.02	96.2	790.36	360.45
174.78	775.46	204.6	47.04	20.24	0.91	0	35.34	0.02	100.02	828.78	370.48
180.05	753.41	192.66	49.82	20.45	0.75	0	34.95	0.02	93.16	720.18	348.53
194.94	795.6	200.57	39.04	10.91	0.91	0	36.3	0.03	78.34	651.91	331.68
184.05	872.92	217.58	37.85	12.74	0.86	0	35.27	0.03	86.02	662.23	325.29
180.28	788.45	191.52	40.31	22.19	0.86	0	30.07	0.02	85.13	631.84	331.06
185.68	790.05	199.38	41.05	19.47	0.94	0	34.82	0.03	75.71	675.12	327.23
187.14	816.85	177.65	40.88	14.75	0.83	0	32.79	0.03	77.29	602.57	327.42
185.56	768.06	179.13	36.5	19.8	0.88	0	32.09	0.04	75.12	651.94	324.79
173.28	733.85	196.95	40.68	15.45	0.88	0	31.75	0.05	81.24	624.41	335.31
175.1	708.96	198.35	43.13	18.2	0.94	0	31.51	0.05	80.29	615.06	339.82
171.3151	668.9863	208.137	41.94521	13.36986	0.931507	0	34.08219	0.136986	80.38356	420.8767	352.6575
156.5205	654.5479	189.7808	41.47945	19.78082	0.90411	0	33.80822	0.136986	79.91781	441.3973	355.589
157.0411	635.2055	151.0411	41.39726	15.86301	0.90411	0	35.15068	0.136986	79.91781	437.4247	352.0822
164.5479	633.6986	161.7534	41.9726	11.20548	0.958904	0	37.75342	0.136986	92.10959	411.0959	356.3288
26.93	85.08	5.87	7.44	23	0.27	0	0.48	0	100.28	78.61	180.93
27.3	117.86	5.36	7.24	25.43	0.3	0	0.45	0	118.33	78.48	187.77
29.54	131.66	5.39	7.95	24.78	0.06	0	0.5	0	117.06	80.49	183.3
32.76	148.33	5.54	8.28	22.53	0.52	0	0.5	0	127.8	79.93	195.08
30.23	158.2	5.62	12.43	27.22	0.84	0	0.46	0	145.43	78.45	200.07
36.72	187.45	7.64	15.6	31.43	1.3	0	1.15	0	144.53	83.11	199.43
36.33	190.15	9.63	13.64	32.36	1.21	0	1.15	0	153.32	81.78	201.31
38.33	225.94	14.65	16.58	31.69	1.5	0	1.04	0	157.01	81.85	195.79
48.46	163.43	14.62	18.92	30.57	0.81	0	1.41	0	145.42	85.06	203.16
49.16	178.93	14.16	23.49	27.98	2.01	0	1.43	0	136.43	85.13	208.35
51.58	190.41	18.33	23.64	27.98	1.08	0	1.84	0	131.15	86.86	174.19
49.94	183.01	17.95	25.59	28.68	0.61	0	1.69	0	125.4	82.6	173.1
42.95	229.15	15.51	26.7	28.33	0.82	0	0.09	0	102.16	83.45	181.11
45.79	194.17	11.19	27.1	28.87	1.03	0	0	0	77.07	81.41	183.84
46.33	196.41	11.61	31.63	28.59	1.91	0	0	0	68.07	84.75	189.43
44.48	204.32	8.07	38.72	30.53	0.9	0	0	0	72.48	84.14	206.94
37.9	258.78	8.04	43.99	30.96	1.95	0	0	0	88.32	87.37	213.09
41.1	248.93	8.93	54.06	30.85	2.27	0	0.03	0	97.74	85.61	221.21
41.13	271.73	8.87	57.23	33.68	2.09	0	0.03	0	99.56	87	218.13
35.15	286.99	8.74	58.46	34.26	2.37	0	0.06	0	102.85	89.08	211.16
46.8	285.18	8.79	58.26	42.3	2.77	0	0	0	96.8	70.45	177.05
40.96	284.51	8.43	56	47.08	2.71	0	0	0	112.45	80.24	143.61
35.89	235.71	8.28	58.9	41.12	2.31	0	0	0	105.91	65.16	151.41
38.79	252.11	7.74	57.2	48.11	2.57	0	0	0	104.48	77.28	134.26
35.88	336.98	10.38	57.73	48.14	2.38	0	0	0	91.98	79.36	134.82
48.82	351.44	10	58.36	45.04	2.82	0	0	0	100.66	77.05	138.66
60.74	378.63	13.01	57.59	52.15	5.29	0	1.45	0	109.13	93.23	91.46

49.38	385.34	15.29	60.61	57.19	4.53	0	1.96	0	113.06	94.47	123.86
48.73	316.16	15.96	59.45	62.96	5.99	0	2.95	0	118.01	99.67	128.2
49.14	353.34	20.12	58.19	46	5.06	0	2.81	0	120.26	107.47	157.39
56.63	325.79	17.92	60.84	38.57	6.23	0	2.53	0	117.86	101.48	164.9
41.16	323.29	14.63	53.95	32.82	6.3	0	2.47	0	116.65	98.64	198.17
53.94	255.28	15.77	72.85	37.6	6.63	0	2.45	0	118.32	107.11	190.7
70.25	272.78	20.76	71.12	35.28	6.48	0	2.45	0	115.86	100.21	175.67
77.55	257.29	19.75	62.49	28.02	5.18	0	2.85	0	111.25	113.43	174.77
71.97	257.52	15.41	73.84	40.97	5.05	0	1.8	0.52	112.64	105.08	129.23
63.88	289.13	23.6	71.12	24.12	4.04	0	6.54	0	104.42	92.49	185.19
76.82	285.87	18.99	69.96	24.27	3.93	0	1.75	0.43	100.27	104.78	159.21
62.49	294.8	20.34	72.59	22.08	5.73	0	2.64	0	98.65	100.32	155.25
67.26	263.78	25.25	74.78	22.02	4.79	0	1.71	0	97.94	102.23	158.11
51.79	274.87	33.15	77.6	26.36	4.84	0	1.71	0	99.13	110.17	147.71
70.47	311.81	37.6	95.77	25.41	5.29	0	4.15	0.05	101.27	118.82	118.41
62.86	304.03	44.02	96.38	22.43	4.16	0	2.39	0	102.57	113.22	115.38
68.9	298.13	33.71	92.25	22.67	4.04	0	5.3	0.04	103.26	147.27	106.31
77.11	380.35	45.55	110.35	20.87	4.97	0	6.55	0.07	104.45	126.03	134.82
101.44	299.22	43.54	97.34	25.3	6.07	0	6.58	0.16	104.03	127.6	133.02
66.1	275.46	32.85	92.57	31.9	11.54	0	2.86	0.11	102.37	115.76	121.22
70.72	276.92	35.48	96.55	35.88	10.88	0	4.28	0.09	104.5	112.11	131.8
76.93	282.65	56.05	98.65	20.62	9.82	0	4.65	0.06	102.43	152.1	151.57
62.12	257.33	45.02	105.58	24.27	7.4	0	1.2	0.02	104.32	141.07	150.01
55.62	228.66	32.58	113.62	31.12	7.46	0	0.27	0.02	114.17	130.76	158.39
54.69	248.56	34.27	112.36	25.95	7.83	0	0.18	0.02	111.79	134.13	160.25
51.1	239.47	28.15	119.19	26.2	9.15	0	0.4	0.03	112.2	131.01	163.26
40.10959	68.30137	26	117.3699	33.89041	7.780822	0	0.136986	0.027397	148.9863	119.6712	159.7534
47.61644	66.87671	26.57534	121.3699	32.65753	7.178082	0	0.136986	0.027397	152.1096	126.137	155.2603
40.63014	69.53425	26.68493	119.8082	30.19178	6.876712	0	0.493151	0	151.4247	126.3014	162.3562
41.15068	78.21918	27.15068	125.2055	31.89041	6.739726	0	0.410959	0	156.7397	124.9589	164.3014
37.03	103.2	4.69	2.98	3.84	0.13	0	0.09	0	58.77	65.68	48.28
35.57	94.1	5.28	3.04	5	0.1	0	0.1	0	63.55	66.47	49.52
36.94	121.3	4.77	3.12	5.62	0.09	0	0.05	0	61.07	66.79	49.67
35.16	142.1	4.39	3.2	6.37	0.11	0	0.08	0	64.12	68.77	50.76
34.42	110.31	3.53	3.28	6.29	0.08	0	0.08	0	72.56	72.6	50.95
31.36	109.57	5.72	3.39	6.72	0.33	0	0.07	0	74.82	75.18	51.12
32.65	116.41	5.54	3.48	6.43	0.33	0	0.11	0	75.91	77.5	52.2
34.69	117.7	5.02	3.57	6.42	0.48	0	0.09	0	77.21	76.34	56.33
31.35	132.57	4.01	3.71	6.2	0.53	0	0.62	0	75.13	77.31	54.17
31.85	144.41	3.51	3.83	8.06	0.54	0	0.79	0	77.79	72.78	50.67
31.45	140.31	2.9	4.12	7.51	0.44	0	0.5	0	76.57	79.9	56.14
31.14	136.37	2.99	4.76	8.54	0.49	0	0.43	0	79.82	83.25	53.82
27.2	130.45	3.48	5.1	8.45	0.75	0	0.62	0	85.04	88.11	52.99
24.31	132.33	5.2	5.35	8.35	0.82	0	0.99	0	82.78	84.44	54.16
28.05	124.39	7.29	5.64	8.53	1	0	0.74	0	92.83	81.95	53.73
30	108.3	9.18	6.16	8.02	1.13	0	0.99	0.05	93	77.23	60.9
25.23	115.75	9.04	6.09	8.23	1.68	0	0.38	0.03	96.92	75.71	74.27
25.85	132.88	11.51	5.55	7.93	2.17	0	0.4	0.15	95.18	74.33	80
24.31	127.81	9.49	6.34	12.21	1.67	0	0.27	0.15	95.46	65.43	72.87

19.23	116.56	12.02	13.25	10.95	2.1	0	0.65	0.08	105.23	64	76.97
15.92	114.12	13.18	13.98	9.44	0.37	0	2.81	0.1	103.62	98.51	98.21
17.66	110.1	28.42	14.74	12.08	1.21	0	0.42	0.16	103.32	93.33	53.97
16.52	118.89	15.2	15.25	9.35	1.62	0	1.77	0.08	93.83	95.31	59.45
16.17	103.52	18.41	15.98	9.63	1.47	0	4.25	0.36	99.87	95.32	65.74
16.93	95.79	9.52	16.71	6.26	0.83	0	3.08	0.18	102.36	95.24	59.92
19.93	102.71	15.57	17.16	11.56	0.25	0	2.79	0.21	107.52	107.18	53.47
21.99	115.92	14.98	17.63	10.74	0.3	0	3.49	0.86	108.69	111.55	66.87
22.25	115.55	7.25	18.3	10.3	0.32	0	3.42	0.91	104.34	125.41	61.21
23.96	110.76	8.36	18.56	9.46	0.29	0	3.81	0.96	106.77	164.5	60.73
25.18	101.26	9.86	19.21	7.38	0.24	0	4.31	1.32	117.29	160.67	66.19
18.5	105.24	8.38	20.22	8.74	0.28	0	5.86	1.39	116.64	152.51	68.23
17.77	104.72	9.01	26.29	19.9	0.28	0	6.06	1.42	117.78	152.12	82.28
19.86	102.96	8.7	25.44	13.3	0.35	0	5.99	1.31	119.54	112.42	76.45
23.78	115.84	8.94	27.1	9.79	0.84	0	6.23	1.02	124.54	115.93	83.35
25.3	113.15	9.01	27.86	11.9	0.83	0	6.44	1.02	123.17	123.9	75.13
25.54	117.51	10.42	28.64	6.6	0.44	0	6.47	1.18	114.29	112.37	78.8
27.06	127.74	10.57	34.1	7.52	0.36	0	6.35	1.29	112.49	122.83	92.32
27.88	118.9	10.13	36.88	4.58	0.69	0	6.75	0.88	114.11	126.43	98.3
29.55	113.83	13.17	35.64	10.97	0.67	0	7.99	0.82	119.2	121.87	88.41
29.61	115.58	17.78	34.32	13.39	0.68	0	8.66	0.8	120.99	123.81	84.58
31.6	128.59	20.08	35.21	12.6	0.65	0	8.63	1.08	117.32	128.87	94.4
33.35	134.4	12.14	41.27	18.5	0.46	0	8.28	1.05	131.48	140.93	89.84
35.17	140.46	29.47	37.98	14.32	0.64	0	9	1.04	140.43	182.44	96.94
33.87	132.32	31.04	41.63	17.96	0.55	0	11.32	0.86	136.27	152.41	96.37
34.12	141.99	32.6	42.25	17.92	0.75	0	11.33	1.02	144.41	154.75	91.63
32.08	137.59	31.77	39.27	19.25	0.74	0	10	1.15	137.22	186.26	94.33
32.43	133.91	31.53	45.75	16.1	0.72	0	8.51	0.8	152.39	190.67	88.2
32.83	127.68	30.32	44.64	15.38	1.25	0	11.53	0.77	135.13	206.41	93.03
33.92	136.3	31.06	45.01	13.18	0.54	0	11.29	0.72	147.78	169.39	91.93
33.73	144.22	32.22	44.63	15.06	0.62	0	10.07	0.79	135.92	177.27	96.12
33.54	138.12	32.72	45.44	14.66	1.34	0	10.72	0.95	145.41	180.4	96.02
32.75	132.31	30.74	43.95	16.25	0.62	0	10.28	0.97	130.19	144.21	100.49
32.72	129.35	29.57	45.06	15.51	0.57	0	7.09	0.89	131.97	157.71	98.35
45.67123	106.3288	29.61644	49.83562	22.35616	0.520548	0	10.68493	0.657534	131.6438	134.3562	94.65753
46.54795	111.6712	30.93151	55.26027	22.24658	0.794521	0	11.9726	0.657534	132.8219	145.3425	99.28767
47.47945	110.9863	30.93151	57.06849	22.57534	0.712329	0	10.0274	0.657534	129.6986	143.2329	105.6438
47.42466	112.5753	31.45205	56.38356	24.35616	0.849315	0	10.60274	0.684932	133.6438	148.5205	107.2329
13.24	24.15	0	0.68	95.51	0	0	0.14	0	8.28	275.49	9.24
13.4	24.38	0	0.67	76.17	0	0	0.12	0	11.78	262.06	11.32
13.62	24.74	0	0.69	114.35	0	0	0.15	0	8.42	223.45	24.87
13.8	25.03	0	0.71	115.04	0	0	0.19	0	7.27	226.59	26.43
13.83	25.33	0	0.73	133.3	0	0	0.13	0	12.02	200.45	15.4
14.21	25.58	0	0.75	118.69	0	0	0.13	0	10.42	240.15	17.01
13.56	24.31	0	0.74	106.25	0	0	0.12	0	7.71	261.13	7.97
13.99	23.88	0	0.72	112.62	0	0	0.12	0	8.08	284.05	14.59
12.91	23.02	0	0.74	105.35	0	0	0.12	0	8.57	261.65	12.22
12.8	22.61	0	0.7	117.82	0	0	0.12	0	8.63	294.55	11.07
12.61	22.89	0	0.67	116.11	0	0	0.12	0	9.03	292.08	8.77

12.52	23.35	0	0.75	121.69	0	0	0.12	0	8.69	242.82	8.7
13.21	23.95	0	0.8	127.86	0	0	0.11	0	8.29	227.75	25.47
14.45	25.35	0	0.85	136.36	0	0	0.11	0	7.91	241.49	10.07
14.92	24.62	0	0.91	144.81	0	0	0.11	0	8.22	245.17	14.24
14.95	26.18	0	0.96	139.69	0	0	0.11	0	8.91	250.29	17.08
14.53	30.1	0	1.01	154.29	0	0	0.11	0	10.57	258.76	13.19
14.54	30.63	0	1.06	168.19	0	0	0.11	0	12.03	256.2	18.62
14.2	30.46	0	1.09	185.69	0.01	0	0.11	0	18.22	259.38	19.79
14.14	30.05	0	1.08	180.25	0	0	0.11	0	16.63	258.38	23.25
14.16	28.23	0	1.06	202.48	0	0	0.11	0	15.12	260.97	31.11
14.31	27.87	0	1.02	196.37	0	0	0.11	0	14.02	261.96	25.69
14.44	31	0	1.02	201.79	0	0	0.1	0	15.91	245.6	19.61
14.47	31.98	0	0.98	190.44	0	0	0.21	0	22.01	250.76	41.78
13.57	36.16	0	0.95	197.41	0	0	0.21	0	26.78	245.75	35.48
9.58	29.22	0.13	1.12	211.26	0	0	0.2	0	33.79	237.77	36.64
11.03	35.51	0.34	1.21	222.74	0	0	0.19	0	32.24	228.92	41.2
13.21	30.02	0.47	1.27	270.53	0	0	0.54	0	20.19	224.4	45.14
12.62	30.64	0.59	1.27	261.06	0	0	0.47	0	27.03	217.39	41.14
13.65	28.05	0.52	1.21	250.64	0	0	0.41	0	24.63	214.16	44.05
13.59	29.2	0.68	1.19	244.64	0	0	0.66	0	27.12	215.68	48.47
13.96	35.64	0.47	1.18	255.28	0	0	0.54	0	28.05	219.29	36.84
14.32	33.07	0.36	1.78	250.63	0	0	0.68	0	27.5	216.75	39.19
14.66	29.52	0.14	1.47	260.95	0	0	0.5	0	27.04	220.45	40.27
15.96	36.7	0.18	1.24	258.5	0.01	0	0.54	0	28.82	210.97	25.86
15.91	29.03	0.05	1.2	240.52	0	0	0.62	0	29.34	230.29	33.31
16.15	29.29	0.11	1.24	227.88	0	0	0.52	0	30.52	237.3	34.14
16.2	29.29	0.08	1.39	223.62	0	0	0.56	0	30.78	164.63	41.48
16.75	31.96	0.09	1.44	231.04	0	0	0.41	0	30.81	166.36	38.19
17.29	37.33	0.14	1.58	237.89	0	0	0.41	0	31.21	168.86	35.8
17.65	30.48	3.14	1.57	245.78	0	0	0.29	0	29.37	168.23	29.12
17.87	30.25	0.23	1.67	244.89	0	0	0.23	0	28.34	167.96	28.02
19.01	31.89	3.26	1.97	232.26	0	0	0.29	0.01	31.06	173.61	34.77
19.66	32.09	3.22	2.27	227.48	0	0	0.28	0	32.1	180.87	34.93
20.29	33.81	3.42	2.46	232.27	0	0	0.17	0	35.49	178.37	35.78
21.07	38.71	3.49	2.62	253.66	0.03	0	0.28	0	35.58	149.43	33.57
21.59	38.35	3.47	2.89	254.58	0.01	0	0.16	0	36.26	152.81	33.32
21.95	33.98	3.23	3.14	273.5	0.01	0	0.24	0	37.01	152.39	32.46
24.26	37.09	11.2	3.15	270.83	0.01	0	0.16	0	37.77	155.06	37.11
25.19	51.88	9.81	3.89	265.07	0	0	0.27	0	35.53	165.19	35.57
26.04	51.61	4.26	4.63	263.17	0.02	0	0.32	0	35.03	162.24	32.76
26.85	56.92	17.18	4.54	263.12	0	0	0.13	0	32.68	159.07	41.96
27.81	56.62	19.29	5.01	266.07	0.01	0	0.45	0	27.23	154.98	50.81
29.26027	51.39726	9.39726	6.109589	416.9863	0.054795	0	0.109589	0	42.63014	165.9178	67.78082
29.67123	52.68493	10.63014	7.068493	403.0685	0.027397	0	0.054795	0	40.65753	165.8904	63.91781
29.64384	54.0274	12.16438	9.479452	420.274	0.027397	0	0.054795	0	39.80822	159.0411	64.90411
29.80822	45.64384	13.58904	11.17808	418.4932	0	0	0.082192	0	41.34247	158.5205	60.38356
35.78	38.61	4.03	0.61	140.93	0	0	5.55	0	3.91	215.97	6.4
35.59	39.29	6.89	0.61	128.87	0.01	0	5.53	0	3.89	215	7.52
35.59	40.15	8.07	0.61	130.36	0.01	0	5.5	0	6.14	214.3	10.02

35.33	38.67	6.63	0.66	141.48	0	0	5.43	0	7	215.75	9.86
35.19	38.9	6.45	0.67	150.46	0	0	5.4	0	7.37	214.4	7.94
35.09	41.63	6.42	0.75	156.19	0	0	4.28	0	7.5	221.48	17.93
35.67	44.04	6.8	0.91	162.05	0.01	0	4.79	0	7.07	220.9	7.99
35.49	46.18	10.11	1.08	127.01	0.01	0	5.21	0	9.22	241.4	13.76
35.66	49.2	8.33	1.31	158.14	0.01	0	7.38	0	10.98	218.08	23.63
36.04	53.97	10.3	1.68	136.54	0.01	0	4.3	0	11.65	215.52	25.64
36.35	53.76	8.14	1.57	173.98	0.02	0	6.26	0	12.84	198.18	28.33
35.75	51.56	7.38	1.88	148.25	0.02	0	4.96	0	13.21	209.81	11.52
34.96	48.55	8.93	2.24	166.57	0.01	0	8.36	0	12.7	194.27	12.08
34.56	43.69	5.68	1.61	176.77	0.01	0	3.54	0	8.71	189.46	5.07
35.08	45.8	1.91	1.01	183.82	0.01	0	7.93	0	7.84	175.06	6.36
35.8	58.62	1.02	0.93	171.32	0.01	0	4.45	0	7.37	179.76	8.84
37.85	61.59	0.93	0.95	162.41	0	0	5.34	0	6.26	256.26	11.59
38.94	58.79	0.29	0.96	171.22	0	0	9.22	0	9.55	229.91	27.73
40.16	60.11	0.61	1	189.54	0	0	7.91	0	5.08	251.88	20.39
40.42	47.27	1.31	1.07	185.09	0.01	0	7.49	0	8.65	259.18	9.82
41.16	44.01	2.07	1.11	225.3	0	0	7.14	0	9.46	223.39	22.64
41.24	47.01	1.44	1.17	216.42	0	0	9.74	0	6.48	248.89	25.22
41.48	47.51	0.28	1.26	253.43	0	0	7.93	0	6.61	249.3	6.06
40.97	45.41	0.84	1.38	241.24	0	0	8.62	0	6.47	228.25	11.24
40.74	46.07	0.1	1.52	260.52	0	0	15.29	0	8.84	224.22	24.84
40.15	60.83	0.14	1.67	239.97	0	0	13.52	0	8.31	222.29	11.88
40.4	59.59	0.64	1.72	263.27	0	0	13.61	0	5.49	212.25	24.9
40.29	50.76	0.46	1.81	257.73	0	0	13.23	0	9.05	211.33	18.13
40.24	55.22	0.35	1.86	263.27	0	0	15.38	0	8.89	205.71	24.79
40.29	56.42	0.78	2.06	286.63	0	0	12.37	0	5.6	197.99	8.63
40.69	55.87	0.51	2.03	301.45	0	0	13.14	0	6.46	203.79	9.1
42.01	66.02	0.75	2.2	310.92	0	0	8.62	0	4.93	197.61	11.61
42.23	64.76	0.9	2.24	296.41	0	0	11.34	0	5.1	202.08	9.12
42.23	46.42	0.36	1.84	294.08	0	0	9.23	0	10.14	201.31	19.03
41.37	45.92	0.58	1.83	293.59	0	0	9.68	0	6.24	203.34	8.24
42.11	46.52	0.23	2.12	275.57	0	0	8.75	0	14.28	217.77	19.96
41.93	45.7	1.16	2.71	274.32	0	0	9.01	0	16.81	197.9	23.02
41.79	43.25	0.52	2.65	271.1	0	0	6.3	0	9.92	196.71	10.03
41.63	41	0.28	3.24	262.33	0	0	5.95	0	12.65	199.67	12.31
41.16	43.88	0.42	3.49	265.01	0	0	6.55	0	13.89	211.95	18.39
40.51	41.55	0.76	3.96	264.89	0	0	5.06	0	18.04	197.15	25.42
38.49	43.81	0.65	3.78	268.36	0	0	5.63	0	14.28	203.34	28.41
40.32	45.48	0.72	3.98	266.71	0.04	0	5.04	0	19.22	183.49	30.08
39.39	41.41	0.71	4.47	236.53	0	0	6.98	0	30.27	197.55	29.15
39.54	40.59	0.68	3.84	217.61	0	0	6.76	0	29.86	211.71	30.1
39.82	44.12	0.33	4.24	208.5	0	0	6.7	0	29.12	203.04	31.01
40.11	43.69	0.68	4.29	224.87	0	0	6.68	0	30.04	184.73	31.51
42.8	43.94	0.79	4.74	233.94	0	0	5.93	0	29.1	193.64	32.13
41.71	45.04	1.21	4.8	249.88	0	0	6.02	0	28.68	183.24	28.82
42.89	48.97	5.67	5.17	251.27	0	0	5.78	0	29.76	172.22	30.09
44.74	48.08	4.98	5.63	259.06	0	0	7.22	0	29.93	167.84	32.22
44.48	48.04	8.87	5.15	268.61	0	0	8.56	0	28.7	174.95	28.15

43.73	54.46	4.67	5.15	268.75	0.04	0	7.91	0	30.28	188.81	31.03
45.53425	48.68493	0.986301	5.808219	347.0685	0	0	9.534247	0	18.27397	164.1644	18.87671
45.94521	48.30137	0.986301	5.917808	342.8493	0	0	7.780822	0	16.46575	166.9589	9.726027
46.21918	58.35616	1.013699	5.945205	362.1644	0.027397	0	8.383562	0	21.78082	168.8767	22.57534
45.9726	46.82192	0.986301	5.917808	374.0822	0.027397	0	9.589041	0	16.84932	169.9178	41.12329
36.02	184.59	33.09	8.8	171.71	2.74	0	0.27	0	108.99	118.46	189.86
34.96	193.02	31.55	9.01	181.68	2.15	0	0.19	0	109.91	133.72	178.84
36.02	199.01	28.52	9.09	187.95	2.23	0	0.16	0	108.48	111.31	169.51
35.93	211.8	33.07	11.34	165.86	2.33	0	0.13	0	111.09	126.97	189.3
39.24	201.41	31.26	11.84	162.9	2.36	0	0.12	0	110.84	114.89	173.01
41.16	206.11	29.56	12.88	161.85	2.75	0	0.15	0	104.23	88.61	184.08
39.21	209.49	34.15	12.57	158.62	2.08	0	0.2	2.56	103.58	77.57	191.82
39.52	202.42	35.29	16.58	164.42	2.27	0	0.08	0	105.82	79.04	179.5
36.73	220.67	32.48	21.34	152.04	2.38	0	0.11	0.22	105.87	88.27	182.28
37.93	202.17	28.39	23.05	190.35	1.88	0	0.07	0.13	108.61	90.9	127.79
38.36	196.19	32.63	24.83	193.15	2.89	0	0.09	0.34	110.09	94.3	113.17
35.5	187.64	29.24	28.66	181.53	1.81	0	0.01	0.1	119.59	98.71	131.51
32.8	176.42	23.45	32.58	178.37	2.3	0	0.09	0.27	131.59	97.7	163.65
27.73	146.46	7.45	34.42	208.74	2.41	0	0.01	4.03	122.51	81.57	166.19
32.23	145.63	0	36.24	208.38	3.43	0	0.02	5.07	112.07	84.64	178.47
34.89	170.62	0	37.52	213.8	2.99	0	0.04	3.29	135.13	81.36	153.21
27.01	164.63	0	39.5	209.54	1.87	0	0	3.96	129.15	88.65	154.92
22.96	159.64	0	36.29	208.56	1.33	0	0	0	128.98	76.86	168.54
16.98	164.27	0	36.06	224.34	1.54	0	0	0	120.05	65.38	146.83
17.71	223.99	0	36.32	229.4	1.22	0	0.05	0	120.37	56.27	147.05
16.89	216.53	0.01	36.37	234.51	1.51	0	0	0	133.65	64.27	146.64
16.94	122.69	0.01	24.91	337.34	0.2	0	0	0	133.5	70.41	33.04
16.06	136.32	0.01	13.59	364.08	1.27	0	0	0	150.07	84.74	9.4
14.17	92.43	0	15.01	380.73	1.08	0	0	0	136.12	87.32	0
14.57	89.01	0	10.49	384.6	1.09	0	0	0	115.77	105.47	2.45
14.78	72.43	0	11.46	308.05	1.1	0	0	0	128.87	103.89	82.45
15.69	104.92	0	13.62	255.97	1.11	0	0	0	167.81	96.55	138.41
17.01	79.85	0	15.74	235.12	1.12	0	0	0	150.9	48.95	145.26
18.21	88.4	0	9.03	237.83	1.13	0	0	0	130.21	53.41	150.45
16.89	105.04	0.03	12.28	250.88	1.13	0	0	0	115.54	73	151.35
20.51	98.69	0.56	17.05	238.83	0.87	0	0	0	89.55	81.25	150.4
24.29	130	1.41	42.44	249.18	0.68	0	0	0	72.8	83.42	152.43
25.09	178.48	10.56	47.3	245.37	0.76	0	0	0	86.24	85.32	152.15
25.21	136.59	17.55	47.93	244.11	0.66	0	0	0	85.43	84.45	142.19
22.46	171.69	19.25	50.87	239.92	0.92	0	0	0	105.12	119.22	146.41
18.4	206.87	23.35	57.06	234.35	0.74	0	0	0	103.84	106.18	144.57
18.35	245.21	35.39	64.06	215.39	2.86	0	0.95	0.02	100.87	219.42	148.1
18.6	303.99	29.7	65.35	218.03	4.02	0	1.26	0.02	95.51	197.12	158.14
18.17	377.48	23.22	75.53	220.08	3.16	0	0.93	0.01	94.64	213.04	157.69
18.61	304.03	34.92	85.39	215.39	5.51	0	1.03	2.1	93.54	309.86	143.99
18.28	312.67	36.33	70.01	217.97	6.68	0	1.03	2.15	107.66	222.99	151.7
16.77	374.12	29.26	75.02	224.57	6.79	0	0.49	0.01	101.4	217.53	158.96
15.77	362.15	25.11	89.1	223.59	5.71	0	0.48	0.06	104.87	252.03	157.96
15.27	363.57	26.5	90.57	222.93	7.27	0	2.24	0.04	107.7	210.28	159.27



15.36	336.41	30.93	84.89	214.62	8.96	0	0.79	3.06	100.48	241.53	154.67
16.08	344.4	29.43	77.43	214.79	6.62	0	0.56	1.04	99.97	278.56	163.6
19.82	336.42	30.74	89.96	220.89	8.18	0	1.61	4.08	113.04	182.46	156.81
17.64	342.76	29.08	85.94	222.82	7.63	0	1.57	4.08	106.7	244.64	153.74
20.03	330.53	35.37	96.03	215.98	7.28	0	1.58	1.03	102.43	286.96	157.88
17.88	321.38	34.97	90.65	207.48	4.88	0	2.97	2.35	110.25	326.44	160.85
17.23	328.65	34.49	96.95	208.65	5.8	0	4.26	1	117.51	248.11	164.63
19.26	384.84	41.78	99.29	209.18	8.74	0	7.93	0.21	118.64	227.55	163.79
23.41	388.59	33.56	98.6	209.81	10.02	0	6.27	4.34	118.42	271.17	163.44
21.0137	221.3425	36.0274	104.8219	312.7945	5.753425	0	2.136986	4.767123	171.0959	422.7397	161.2055
20.82192	234.7397	36.0274	105.0959	312.2466	5.972603	0	2.246575	5.123288	155.7534	725.0411	161.6164
20.71233	234.7671	36.0274	104.4384	310.6301	8.30137	0	2.136986	4.90411	169.2877	670.8767	161.2877
20.73973	232.0822	36.0274	105.0411	312.9041	9.506849	0	2.164384	4.712329	158.6575	785.4795	160.6575
28.26	34.05	1.14	1.66	22.38	0.25	0	0.15	0	162.22	206.28	17.54
27.55	32.53	1.7	1.66	24.08	0.24	0	0.15	0	165.58	204.27	27.24
27.48	32.83	2.19	1.65	25.2	0.19	0	0.15	0	164.99	204.17	29.23
27.53	39.66	2.68	1.65	26.3	0.13	0	0.15	0	168.42	204.88	6.89
28.09	29.67	3.19	1.65	27.28	0.1	0	0.15	0	167.25	205.12	33.94
28.27	27.11	3.36	1.65	28.25	0.13	0	0.14	0	165.59	206.07	29.28
30.61	27.47	3.34	1.84	28.07	0.12	0	0.14	0	166.51	205.95	28.37
31.01	29.65	3.31	1.86	27.51	0.12	0	0.23	0	168.38	205.35	24.9
31.52	30.13	3.68	1.91	29.2	0.08	0	0.34	0	169.01	204.86	24.1
32.4	32.2	3.17	1.95	27.58	0.1	0	0.45	0	170.64	205.46	24.59
33.08	32.69	3.32	2.02	27.34	0.09	0	0.55	0	172.09	205.67	23.27
33.41	31.54	3.38	2.09	30.89	0.12	0	0.8	0	174.15	207.62	28.16
33.67	31.54	3.22	2.16	40.49	0.13	0	1.05	0	178.12	195.65	43.39
34.13	33.51	3.12	2.27	36.69	0.12	0	1.56	0	178.14	196.05	49.34
34.83	30.18	3.06	2.29	37.47	0.06	0	1.79	0	178.12	196.36	49.02
35.37	36.96	2.98	2.34	45.14	0.16	0	2.01	0	180.75	196.42	46.92
33.31	37.34	3.35	2.35	47.15	0.14	0	2.07	0	180.63	184.08	59.4
35.6	43.52	3.74	2.38	48.53	0.08	0	2.17	0	182.84	178.54	59.48
32.76	36.3	4.11	2.7	44.4	0.12	0	1.95	0	186.02	187.41	61.83
30.15	44.28	3.61	2.81	41.97	0.14	0	1.85	0	182.56	182.08	81.45
27.33	45.19	3.53	3.01	39.94	0.18	0	1.9	0	178.91	188.45	82.65
29.24	46.81	3.45	3.05	41.32	0.19	0	1.85	0	178.69	185.36	79.26
29.44	44.2	3.37	3.55	38.79	0.17	0	1.85	0	68.44	183.55	81.65
30.28	42.53	3.29	3.9	36.27	0.31	0	1.81	0	57.4	184.91	76.48
30.76	52.72	3.6	3.55	35.94	0.18	0	1.81	0	51.53	185.73	72.33
31.11	49.07	3.52	3.5	40.9	0.13	0	1.77	0	47.21	185.71	69.77
28.43	79.19	3.45	3.51	37.49	0.14	0	1.73	0	42.35	183.3	74.11
26.62	49.25	3.37	3.2	34.61	0.16	0	1.62	0	40.13	178.08	76.42
24.31	39.14	2.94	2.85	38.44	0.12	0	1.59	0	43.22	165.48	72.05
22.08	45.96	2.11	2.6	72.58	0.08	0	1.48	0	45.02	144.53	71.61
22.4	46.45	2.68	2.41	62.85	0.19	0	1.6	0	52.63	134.53	76.27
23.4	42.41	2.48	2.32	59.79	0.07	0	1.35	0	50.44	119.85	74.71
24.4	43.38	2.26	2.23	83.9	0.08	0	1.25	0	45.26	112.06	75.62
23.99	37.82	2.06	3.12	86.13	0.05	0	1.3	0	43.6	108.3	67.39
23.37	43.43	2.46	4.43	86.43	0.05	0	1.25	0	55.96	94.16	69.78
27.69	38.07	1.98	5.19	95.38	0.03	0	1.39	0	51.71	114.44	83.2

26.98	43.36	2.38	6.69	99.16	0.02	0	1.37	0	50.85	109.99	67.42
29.96	44.32	2.99	9.03	88.64	0.03	0	1.38	0	53.37	123.5	102.21
29.18	44.43	3.03	13.37	96.34	0.09	0	1.57	0	65.63	133.45	82.94
33.25	40.02	2.51	7.67	100.64	0.08	0	1.16	0	60.09	128.1	89.59
34.45	41.27	2.88	7.94	96.41	0.1	0	1.15	0	60.95	79.2	96.54
35.87	39.56	2.6	10.21	107.04	0.07	0	0.96	0	63.85	75.41	91.04
35.89	38.23	2.62	11.32	124.41	0.01	0	0.93	0	58.59	78.41	81.39
33.6	51.14	2.85	7.72	99.76	0.03	0	1.21	0	60.79	80.95	88.78
34.56	36.63	3.29	9	118	0.04	0	1.19	0	60.12	84.28	80.54
32.92	46.35	3.28	8.75	120.98	0.04	0	1.17	0	60.27	79.46	78.81
33.68	40.9	3.54	9.21	115.27	0.05	0	1.16	0	59.72	83.64	77.28
34.04	43.11	3.81	9.24	115.9	0.04	0	1.09	0	58.66	75.47	77.82
33.22	46.16	2.49	11.19	115.91	0.03	0	0.87	0	56.61	75.43	78.69
32.49	48.07	5.99	16.36	119.9	0.01	0	0.99	0	47.91	77.68	59.34
33.23	53.24	5.95	20.86	118.62	0.04	0	1.05	0	59.28	78.65	45
32.95	52.76	6.76	21.93	118	0.04	0	0.91	0	64.51	76.61	48.87
32.55	52.03	10.11	20.76	117.11	0.04	0	0.89	0	57.74	75.56	44.13
27.39726	22.82192	6.273973	18.13699	185.0411	0.054795	0	0.849315	0	48.79452	71.9726	57.34247
27.50685	22.49315	6.30137	21.17808	188.7671	0.054795	0	0.849315	0	46.0274	69.15068	64.9863
27.47945	21.91781	6.60274	25.75342	187.1507	0.027397	0	0.821918	0	40.63014	70.21918	67.36986
27.58904	21.56164	7.260274	24.41096	179.4247	0.054795	0	0.849315	0	51.39726	68.82192	77.0411
34.22	181.42	3.15	3.38	11.36	0.12	0	0	0	69.62	69.09	31.37
32.64	173.18	3.12	3.4	8.89	0.17	0	0	0	67.61	64.93	30.55
31.86	184.58	3.82	3.66	9.14	0.11	0	0	0	68.75	66.08	32.63
31.22	180.18	3.68	4.67	8.42	0.1	0	0	0	67.12	66.01	33.77
29.75	176.21	4.42	4.76	9.64	0.12	0	0	0	71.54	66.05	35.22
28.02	172.88	4.79	5.3	12.79	0.08	0	0	0	68.73	59.82	36.04
31.86	190.8	4.57	5.19	15.29	0.1	0	0	0	71.3	62.55	41.94
34.98	205.27	6.06	5.16	14.6	0.21	0	0	0	71.24	63.39	40.37
31.36	211.7	5.75	5.06	15.26	0.12	0	0	0	82.8	64.94	48.4
31.04	218.51	5.36	5.02	17.63	0.21	0	0.02	0	74.99	68.6	50.2
34.96	212.53	3.18	4.95	13.49	0.2	0	0.02	0	76.73	66.87	47.86
33.28	209.76	2.96	4.91	12.54	0.18	0	0.04	0	77.85	68.43	49.03
32.52	200.41	2.36	4.83	12.91	0.31	0	0.02	0	85.12	66.33	40.17
31.38	210.39	3.07	4.76	12.84	0.21	0	0.05	0	82.92	66.9	43.43
29.91	199.05	4.62	5.63	14.38	0.18	0	0.03	0	81.68	72.39	43.64
28.24	205.97	3.19	5.11	16.19	0.22	0	0.04	0	85.51	71.18	41.86
29.96	201.3	2.7	5.86	16.56	0.24	0	0.03	0	87.75	71.41	43.99
36.2	205.25	3.95	6.59	18.16	0.26	0	0.29	0	92.77	65.94	46.05
32.87	206.27	5.02	6.5	19.14	0.27	0	0.05	0	91.88	65.96	46.84
38.07	209.42	5.12	6.53	18.97	0.32	0	0.05	0	91.25	68.21	48.89
39.96	200.95	5.2	7.03	20.47	0.28	0	0.03	0	93.06	77.79	52.06
31.78	191.36	4.94	8.46	12.53	0.14	0	0.01	0	81.23	67.65	55.39
22.6	202.36	5.19	9.16	18.94	0.2	0	0.01	0	86.56	69.03	57.02
27.31	201.58	5.6	8.89	18.82	0.25	0	0.01	0	84.92	64.81	60.58
27.05	206.85	5.51	11.35	17.67	0.23	0	0.01	0	83.46	71.95	62.13
20.35	206.79	5.94	10.4	10.67	0.23	0	0.02	0	83.2	70.62	66.6
32.06	206.62	14.81	9.86	23.59	0.29	0	0.14	0	80.97	68.54	63.14
30.85	199.01	6.14	12.35	9.14	0.23	0	0.19	0	95.16	80.85	65.47

31.42	208.78	7.6	11.72	17.65	0.27	0	0.2	0	98.44	75.48	64.92
28.77	211.91	7.67	15.73	15.3	0.2	0	0.84	0	107.97	77.04	62.52
25.93	227.71	3.7	17.07	17.42	0.12	0	0.95	0	96.81	77.82	65.01
28.3	242	3.04	18.89	18.81	0.22	0	0.85	0	100.4	95.78	74.97
23.18	241.13	7.37	20.83	15.96	0.32	0	0.46	0.01	105.92	99.28	74.9
35.17	244.28	5.71	23.65	25.68	0.19	0	0.82	0.01	106.3	91.96	73.39
37.13	247.82	5.48	25.03	15.59	0.29	0	1.01	0.03	107.99	103.28	73.48
38.33	282.21	7.73	26.52	27.51	0.22	0	0.97	0.02	109.66	103.83	74.8
37.77	284.56	8.15	29.23	26.26	0.41	0	0.88	0.03	109.64	134.07	78.54
34.07	315.2	1.74	28.59	19.86	0.27	0	0.63	0.03	112.25	109.39	76.42
34.91	305.3	9.18	32.97	28.51	0.42	0	0.98	0.04	111.45	105.07	81.51
34.87	304.7	6.71	37.54	31.35	0.44	0	1	0.06	108.81	113.76	81.33
36.61	306.01	12.55	32.08	39.89	0.38	0	0.92	0.06	108.59	97.33	83.59
34.55	283.44	10.49	46.75	26.56	0.6	0	1.08	0.05	107.62	95.74	87.41
37.56	291.35	11.02	50.93	38.66	0.46	0	0.8	0.05	114.9	126.99	85.2
36.61	285.61	12.46	55.34	41.1	0.47	0	1.04	0.05	113.73	126.2	87.77
41.08	286.34	13.28	59.32	38.5	0.65	0	0.85	0.04	116.36	129.29	92.98
44.68	321.37	12.51	53.14	40.87	0.57	0	0.9	0.05	123.89	130.26	100.73
46.85	345.85	12.08	55	40.32	0.53	0	0.76	0.06	126.25	146.92	96.43
46.87	341.98	15.78	56.81	41	0.52	0	0.84	0.06	125.64	168.38	94.42
39.06	287.71	13.23	57.41	41.47	0.42	0	0.91	0.07	127.6	143.88	98.99
40.57	273.62	12.26	53.02	42.19	0.49	0	0.78	0.04	127.25	137.41	98.74
39.72	262.12	13	57.93	43.61	0.58	0	1.6	0.07	124.47	148	101.47
37.89	266.44	14.59	57.24	43.28	0.3	0	0.83	0.06	129.89	150.12	106.88
40.89	252.49	14.96	55.59	39.5	0.55	0	1.81	0.03	131.35	133.61	102.36
33.0411	246.6849	10.35616	58.16438	58.10959	0.410959	0	0.849315	0.136986	151.726	67.34247	78.16438
34.19178	253.3699	10.38356	58.87671	58.68493	0.328767	0	0.657534	0.136986	151.863	64.65753	77.09589
35.78082	241.9452	10.54795	59.42466	60.52055	0.383562	0	0.876712	0.136986	154.7123	65.45205	77.72603
35.0137	235.1507	10.73973	59.53425	59.53425	0.328767	0	0.849315	0.136986	153.9726	72.49315	76.16438
194.94	340.27	53.13	25.75	6.77	0.18	0	3.62	0	82.59	251.46	447.27
203.17	338.72	271.91	26.83	6.6	0.32	0	3.51	0	83.99	253.43	445.21
201.42	333.73	251.66	28.48	6.75	0.61	0	4.35	0	86.27	299.34	459.65
199.87	334.17	192.69	30.12	7.3	0.41	0	3.65	0	89.32	257.63	458.65
200.86	315.76	192.24	30.11	6.75	0.4	0	4.25	0	89.86	239.85	459.17
189.25	337.18	415.64	31.72	7.51	0.49	0	5.59	0	93.91	263.64	453.34
197.15	388.36	127.51	33.37	6.77	0.31	0	5	0	95.93	274.63	483.6
216.04	384.05	165.39	33.13	6.96	0.27	0	4.85	0	94.88	273.68	469.05
209.71	426.52	238.38	35.58	7.49	0.43	0	5	0	102.35	289.84	447.91
215.23	421.94	164.39	38.87	7.51	0.42	0	5.26	0	100.31	273.11	454.39
224.81	387.61	193.24	40.24	7.49	0.33	0	5.41	0	103.25	277.26	453.58
237.86	405.44	145.97	39.39	7.68	0.94	0	4.95	0	106.18	280.83	438.74
240.84	390.39	170.29	41.01	7.87	0.51	0	6.45	0	110.82	283.96	430.73
250.78	387.7	217.54	42.41	7.86	0.38	0	5.97	0	112.99	290.65	427.31
253.93	408.97	175.85	41.97	7.86	0.58	0	6.78	0	118.26	287.76	442.27
243.4	446.93	163.6	45.09	7.33	0.44	0	6.7	0	95.22	286.53	411.65
246.86	402.62	179.55	44.25	7.51	0.39	0	5.33	0	104.93	304.79	404.01
256.94	422.88	205.78	46.45	7.13	0.61	0	5.16	0	109.17	283.56	403.23
249.24	473.4	93.87	47.44	6.55	0.47	0	5.59	0	102.07	303.45	404.67
257.49	486.45	131.11	49.1	6.2	0.43	0	5.51	0	113.23	272.37	399.01

263.12	504.54	186.11	51.51	6.39	0.65	0	4.97	0	106.07	263.95	385.8
262.57	509.77	116.77	55.05	6.57	0.58	0	5.7	0	113.65	261.82	385.59
268.37	521.25	117.24	54.35	6.24	0.92	0	5.18	0	106.76	254.89	384.28
262.18	538.08	208.85	57.41	6.64	0.67	0	4.6	0	102.89	243.25	386.19
264.16	540.91	126.64	57.32	6.82	0.61	0	4.12	0	107.15	265.1	386.52
266.04	554.74	105.03	61.62	7.04	0.81	0	5.42	0	108.14	268.04	386.84
269.98	601.51	112.21	61.69	8.51	0.76	0	4.64	0	120.93	285.94	384.39
262.42	578.67	212.53	56.25	7.23	0.53	0	4.26	0	103.4	281.19	378.96
269.05	580.27	167.8	60.42	8.38	0.46	0	3.58	0	119.64	263.19	333.11
242.64	511.26	175.99	62.3	7.67	0.78	0	3.54	0	118.73	270.14	324.38
240.91	526.03	166.99	55.41	9.51	0.85	0	2.49	0	109.34	275.87	310.63
238.14	501.06	202.54	62.88	10.23	0.75	0	2.13	0	123.7	259.21	283.54
217.57	498.21	178.22	60.16	10.15	0.85	0	2.95	0.01	110.23	248.63	264.33
198.74	462.5	183.49	62.12	8.7	0.81	0	3.25	0.01	107.55	246.96	254.74
175.12	453.79	209.31	64.63	9.06	0.91	0	1.15	0.01	117.15	278.25	231.6
168.15	453.4	242.59	63.78	8.7	1.09	0	1.13	0.01	124.99	268.76	203.58
163.42	484.04	202.76	67.55	9.56	1.39	0	1.04	0.01	125.33	296.51	244.43
155.97	496.7	213.29	73.82	8.63	1.72	0	1.17	0.02	131	297.87	215.65
160.27	484.43	237.41	76.49	10.59	1.45	0	1.28	0.01	118.89	270.33	228.32
172.44	464.87	175.6	93.24	8.47	1.17	0	1.28	0.02	104.55	319.12	291.72
157.77	455.66	206.69	92.95	9.32	1.65	0	1.33	0.02	103.76	305.43	271.57
173.37	457.61	158.81	101.54	10.92	2.06	0	1.29	0.02	101.93	304.55	244.92
154.2	463.73	124.9	93.31	11.11	1.96	0	1.33	0.01	103.02	306.42	278.58
159.1	478.75	183.06	93.11	10.8	1.66	0	1.14	0.02	103.41	343.58	280.9
144.33	477.62	149.93	91.33	10.59	1.4	0	1.7	0.03	98.74	307.71	326.9
156.5	487.18	131.36	80.43	11.8	1.72	0	1.35	0.02	101.51	360.94	313.07
158.89	496.1	139.9	75.82	10.78	1.3	0	1.28	0.01	95.93	315.35	282.58
148.46	481.67	175.18	77.58	11.71	1.32	0	1.13	0.01	98.27	318.19	277.44
145.69	461.21	140.43	75.05	9.1	1.43	0	1.11	0.02	93.87	292.89	308.92
134.22	464.54	114.92	64.91	7.03	1.8	0	1.34	0.01	93.94	196.8	310.24
136.16	464.02	161.51	69.07	7.59	1.83	0	1.19	0.01	96.78	262.71	285.86
129.32	469.23	143.3	71.51	6.87	2.02	0	0.95	0.02	94.2	226.98	289.26
117.05	455.99	127.21	65.15	5.88	2.09	0	1.23	0.03	95.04	219.54	301.32
125.0685	511.2603	139.589	69.58904	9.068493	2.027397	0	0.90411	0.054795	99.39726	246.5205	296.9863
135.8082	533.3425	131.589	68	13.91781	2.054795	0	0.986301	0.054795	101.0685	263.3151	293.6438
144.6849	552.7671	125.4247	68.35616	15.06849	2.054795	0	0.986301	0.054795	108.3562	257.0137	294.6301
149.3973	556.7945	127.8082	69.23288	17.17808	2.493151	0	1.041096	0.054795	106.7397	243.3699	293.3425
256.9	1096.71	214.28	3.83	4.7	1.38	0	0.61	0	163.3	25.96	185.78
253.99	1137.11	155.7	3.74	5.77	1.98	0	0.7	0	164.46	30.1	192.31
238.17	1101.56	169.76	3.68	4.77	1.67	0	0.31	0	171.75	27.56	176.27
226.3	1094.29	163.88	3.62	5.92	2.46	0	0.35	0	166.37	35.39	201.16
228.07	1084.81	188.14	3.57	6.11	1.53	0	0.21	0	165.1	36.93	180.08
229.26	1074.25	145.63	3.51	4.09	1.59	0	0.3	0	183.8	36.78	169.99
213.93	1088.36	166.75	3.48	4.56	1.2	0	0.22	0	170.41	39.5	174.78
189.17	1073.9	142.12	3.42	4.97	1.75	0	0.14	0	164.86	36.42	199.5
194.01	1039.24	127.09	3.39	4.98	0.92	0	0.19	0	157	36.26	194.63
191.52	1067.3	126.51	4.03	3.72	0.7	0	0.23	0	154.7	39.26	192.29
193.79	1070.67	180.4	4.37	4.59	0.86	0	0.24	0	145.76	44.1	197.97
207.57	1079.45	152.12	4.89	2.61	0.71	0	0.25	0	136.47	44	177.95

211.26	1074.76	122.45	5.79	4.96	0.61	0	0.27	0	141.37	47.1	193.71
206.02	1084.1	148.01	5.48	5.02	0.62	0	0.25	0	136.87	52.37	178.93
236.32	1126.62	144.53	5.62	4.31	0.6	0	0.24	0	123.85	50.3	164.84
197.71	1004.94	158.34	5.85	4.75	1.25	0	0.32	0	140.9	54.05	205.22
198.96	970.89	130.82	6.17	1.99	1.34	0	1.36	0	165.11	52.65	193.33
220.65	929.96	142	8.07	3.58	1.12	0	1.33	0	167.69	64.11	190.98
223.26	918.11	139.96	7.03	3.62	1.65	0	1.56	0	169.99	64.69	184.33
202.05	941.78	186.49	8.58	4.01	1.34	0	1.38	0	152.96	69.84	185.94
228.63	923.08	144.1	9.14	3.5	0.78	0	1.21	0	158.5	76.77	191.39
220.46	890.85	172.2	9.29	3.07	1.02	0	1.68	0	150.38	71.88	193.93
218.58	964.72	145.98	11.99	3.6	1.02	0	1.51	0	153.93	69.88	192.4
213.33	947.96	142.89	12.2	3.97	1.12	0	1.68	0	152.97	78.35	210.25
224.89	931.21	116.81	17.36	2.93	0.95	0	1.76	0	148.4	81.16	200.79
226.13	883.31	137.15	23.85	4.09	1.11	0	2.06	0	153.2	94.31	216.28
192.08	897.65	145.53	18.57	3.72	1.26	0	2.46	0	159.91	95.54	232.03
201.67	759.38	158.19	10.86	5.41	1.44	0	2.4	0.04	162.3	86.32	212.73
195.01	720.83	156.74	14.05	5.19	1.5	0	2.27	0.13	157.14	87.77	217.28
181.3	760.81	155.73	16.35	5.26	1.29	0	2.36	0.07	152.76	86.37	179.61
186.38	727.65	156.26	16.62	5.76	1.2	0	2.89	0.12	156.27	93.59	186.74
184.27	725.78	158.73	16.9	5	0.99	0	3.5	0.12	155.78	98.86	198.76
197.33	700.96	159.57	15.71	5.71	1.24	0	2.26	0.12	155.77	105.04	208.13
194.76	742.16	157.73	13.96	6.54	1.29	0	4.3	0.11	162.93	115.39	182.45
192.08	739.23	156.69	20.19	6.62	1.14	0	2.41	0.13	166.31	120.2	195.83
164.55	745.2	165.2	17.84	6.98	1.69	0	2.13	0.12	159.44	128.07	199.27
186.74	752.51	167.88	22.03	9.16	1.52	0	2.33	0.12	166.24	127.88	188.49
190.17	705.46	169.1	28.21	7.61	1	0	2.33	0.14	159.99	139.4	183.12
208.61	700.02	157.57	30.61	8.18	1.22	0	2.38	0.14	154.37	139.08	187.41
213.64	684.86	156.79	30.98	8.7	1.46	0	2.59	0.13	147.01	141.04	195.3
203.15	719.18	154.78	37.29	9.6	1.86	0	2.69	0.13	141.62	145.28	189.3
206.01	717.13	144.02	45.94	10.28	1.68	0	2.78	0.16	144.53	146.23	172.81
198.86	717.95	142.64	55.28	9.72	1.95	0	3.77	0.17	144.07	155.95	175.03
194.94	704.53	157.58	51.66	8.72	1.56	0	5.46	0.2	137.8	167.26	177.73
189.65	671.9	168.45	54.9	9.43	2.14	0	5.65	0.26	130.56	178.8	185.97
200.93	705.08	178.74	62.35	8.86	1.66	0	5.64	0.24	128.65	198.05	186.75
205.56	704.18	161.96	71.49	9.91	1.72	0	6.61	0.3	127.35	209.77	196.03
200.66	705.42	148	70.59	10.95	1.75	0	6.89	0.24	127.94	199.24	195.87
189.41	729.94	156.84	65.5	8.56	2.02	0	5.24	0.25	132.71	190.51	189.08
178.29	713.38	165.13	62.85	10.21	2.57	0	6.38	0.25	133.68	187.66	189.02
187.14	707.22	161.52	67.24	9.85	2.87	0	6.6	0.29	129.69	189.59	181.7
182.92	703.88	112.12	72	9.46	3.89	0	7.41	0.29	131.91	198.2	204.3
190.77	656.76	87.88	73.62	10.67	3.56	0	9	0.29	131.98	192.22	199.79
168.5205	703.0685	113.726	73.45205	10.43836	3.315068	0	7.123288	0.876712	140.3014	177.726	184.5205
173.2055	749.1507	106.9315	75.78082	10.46575	3.315068	0	7.123288	0.876712	138.6301	178.9315	189.2603
172.5479	748.1644	111.5068	78.79452	10.65753	3.39726	0	7.260274	0.90411	147.5616	188.3836	198.6575
179.3151	746.7397	97.72603	82.05479	10.93151	3.452055	0	7.643836	0.90411	212.7123	198.8767	198.9315
11.08	107.06	10.76	0.46	182.9	1.18	0	1.64	0.01	81.33	145.87	76.34
11.15	104.21	9.47	0.46	189.91	1.18	0	1.67	0.01	76.18	156.39	81.49
11.03	100.83	12.74	0.46	182.6	1.27	0	1.65	0.01	71.84	154.97	76.68
11.01	96.39	9.7	0.46	183.61	1.43	0	1.73	0.01	74.01	157.78	87.55

10.96	91.67	13.13	0.46	169.76	1.29	0	1.64	0.08	80.29	147.83	90.75
10.9	92.19	14.61	0.46	166.11	1.19	0	1.58	0.01	77.64	165.31	92.55
10.93	91.09	12.36	0.46	181.87	1.17	0	1.59	0.02	65.91	172.61	88.14
10.98	95.91	14.52	0.46	188.24	1.11	0	1.77	0.02	62.73	162.32	93.36
10.88	96.6	15.85	0.46	187.28	1.26	0	1.67	0.03	74.36	163.02	97.57
10.87	89.79	12.85	0.46	190.43	1.48	0	1.8	0.02	80.27	155.96	99.25
10.92	96.51	15.42	0.46	179.93	1.44	0	1.56	0.01	80.54	155.31	100.59
10.81	95.79	15.13	0.45	175.98	1.21	0	1.59	0.06	72.45	153.33	122.61
10.81	94.71	13.63	0.45	175	1.39	0	1.65	0.09	72.32	168.36	114.74
10.82	98.6	14.55	0.44	170.48	1.39	0	1.57	0.1	78.61	171.56	105.61
10.81	98.14	18.26	0.44	186.97	1.37	0	1.57	0.06	76.02	166.03	108.75
10.79	102.13	21.6	0.44	172.75	1.32	0	1.19	0.03	75.69	170.34	77.2
10.77	104.24	20.46	0.43	192.62	2.11	0	1.51	0.03	78.85	175.06	110.89
10.79	102.99	22.41	0.44	191.26	1.87	0	1.6	0.09	86.4	172.83	121.76
10.83	105.51	29.25	0.47	167.83	1.7	0	1.34	0.01	80.64	172.91	127.98
10.95	106.72	22.46	0.52	174.82	1.73	0	1.49	0.67	71.03	168.44	122.89
11.02	114.84	26.05	0.54	173.76	1.67	0	1.61	0.43	76.45	175.31	124.81
11.68	120.17	26.38	0.57	178.39	1.74	0	1.54	0.65	69.55	172.26	123.27
11.6	125.85	25.59	0.59	190.69	2.1	0	1.55	0.77	81.7	177.89	139.15
11.49	133.8	31.25	0.63	187.37	1.92	0	1.59	0.36	91.77	177.24	135.5
11.64	138.79	31.83	0.66	194.07	2.18	0	1.56	0.17	90.03	173.26	133.12
11.58	141.66	25.1	0.72	187.03	2.19	0	1.56	0.24	80.48	170.25	144.99
11.72	140.6	30.73	1.03	196.2	2.59	0	1.78	0.11	73.99	181.14	151.48
11.64	141.25	33.39	1.03	213.77	2.51	0	1.82	0.24	74.85	174.58	148.1
11.54	146.58	34.83	1.11	216.79	2.55	0	1.6	0.06	80.97	181.93	150.62
11.46	147.24	33.91	1.23	214.14	2.51	0	1.86	0.16	84.44	177.41	113.13
11.35	144.89	33.37	1.61	210.4	2.39	0	1.81	0.03	87.15	166.3	165.32
11.35	149.12	39.74	1.64	200.94	2.78	0	1.85	0.15	88.87	178.46	164.18
11.13	152.4	40.6	1.81	208.85	3.56	0	2.09	0.1	79.02	178.31	159.21
10.98	155.03	37.04	1.82	208.53	3.02	0	2.12	0.11	84.13	170.93	159.58
10.73	161.89	36.16	1.84	206.03	2.56	0	1.97	0.11	89.5	176.38	167.31
10.64	165.36	38.28	1.86	204.63	3.05	0	3.58	0.03	75.46	179.86	159.23
10.49	168.26	50.18	1.84	203.29	3	0	3.76	0.06	97.16	159.92	166.59
10.39	172.23	34.23	2.01	201.92	3.41	0	3.42	0.2	129.25	184.61	170.22
10.2	177.91	44.03	2.17	202.57	3.42	0	2.25	0.18	129.85	199.37	170.83
9.76	174.4	49.34	2.38	198.96	3.34	0	2.38	0.07	91.44	195.89	179.89
9.78	176.9	42.48	2.49	193.03	3.39	0	2.01	0.08	91.68	208.04	170.42
9.53	175.24	46.12	2.87	189	2.72	0	2.39	0.08	89.39	180.16	169.93
9.28	176.95	42.03	3.11	186.07	3.75	0	3.26	0.01	91.43	199.82	160.31
9.36	181.41	51.01	3.31	191.9	3.59	0	3.16	0.09	79.69	166.07	158.73
8.99	186.53	51.76	3.5	196.09	4.03	0	3.09	0.08	77.22	176.87	151.22
8.9	194.72	51.1	3.72	193.86	3.9	0	3.37	0.03	82.09	197.75	158.86
8.94	207.8	49.09	4.23	195.07	4.22	0	3.63	0.15	89.8	207.93	163.83
8.8	214.45	59.76	4.47	197.92	3.87	0	3.8	0.06	90.59	213.2	166.44
8.5	220.68	58.71	4.88	196.42	3.85	0	3.97	0.07	85.38	206.85	160.91
8.15	227.5	59.27	5.05	197.54	4.66	0	3.76	0.13	83.2	224.22	165.25
7.43	238.42	63.76	5.06	194.02	5.99	0	3.88	0.22	87.76	236.74	161.24
7.27	241.66	66.13	5.1	192.59	5.42	0	4.6	0.98	91.67	245.51	156.38
6.01	239.8	66.84	5.15	190.37	5.12	0	4.52	1.06	90.33	255.08	165.92

5.013699	248.0274	66.16438	5.424658	271.9452	4.739726	0	7.232877	0.547945	58.08219	233.1781	164.9589
5.150685	263.8904	67.61644	5.753425	268.7945	4.465753	0	7.671233	0.794521	61.9726	219.3699	162.6027
5.205479	277.1233	65.72603	5.945205	282.4384	5.753425	0	6.958904	0.821918	60.43836	221.7534	165.6986
5.178082	290.5753	69.94521	6.082192	282.7671	6.383562	0	7.342466	0.821918	50.84932	229.9178	169.6164
10.25	9.48	1.44	1.64	231.23	0.55	0	0.11	4.88	32.14	67.78	4.51
10.62	7.99	1.26	1.63	222.17	1.07	0	0.21	4.48	32.6	68.26	2.51
10.51	9.24	1.36	1.61	223.72	0.86	0	0.14	3.13	29.53	68.41	2.87
10.69	8.42	1.44	1.61	220.49	0.87	0	0.1	4.16	32.78	70.19	1.25
10.53	6.28	1.61	1.58	225.35	0.8	0	0.17	4.51	32.43	71.04	1.21
10.23	6.29	1.7	1.57	236.54	0.71	0	0.21	3.87	27.67	70.88	1.73
9.78	7.35	1.87	1.58	239.85	0.67	0	0.27	4.18	33.93	70.34	5.48
10.18	8.06	1.33	1.46	250.22	0.79	0	0.22	4.16	31.89	71.65	12.68
9.99	9.3	2.17	1.45	277.34	0.83	0	0.21	3.63	32.73	72.69	9.96
10.55	10.35	1.36	1.43	284.85	1.01	0	0.2	4.59	32.99	74.27	12.04
10.79	10.78	2.46	1.67	301.02	0.93	0	0.19	4.97	35.63	76.11	8.06
11.15	10.79	2.36	1.81	310.19	0.93	0	0.14	4.85	34	77.05	10.97
10.86	10.84	3.24	1.81	303.92	1.01	0	0.21	4.41	31.04	78.08	18.86
11.27	11.73	1.98	1.93	305.08	1.03	0	0.24	4.42	36.52	76.58	16.34
11.1	9.6	2.17	1.99	320.58	1.1	0	0.38	4.36	35.45	60.07	14.64
11.52	12.27	2.69	2.03	321.39	1.06	0	0.37	5.15	36.82	45.43	19.3
11.26	14.97	4.31	2.09	319.64	1.27	0	0.34	5.08	37.74	43.61	15.4
10.98	17.7	3.75	2.21	321.86	1.1	0	0.36	4.71	38.21	47.31	15.59
11.54	15.83	3.25	2.75	341.01	1.1	0	0.38	5.39	39.52	49.32	14.43
11.19	20.18	3.58	3.35	342.4	1.09	0	0.33	4.4	39.21	49.56	26.62
11.82	19.21	3.44	3.48	347.75	1.25	0	0.39	5.45	46.08	47.16	24.61
11.98	22.21	2.62	3.61	367.93	1.18	0	0.48	3.62	43.62	43.96	25.56
13.17	22.84	3.6	4.66	359.03	1.09	0	0.5	3.27	42.52	45.62	28.53
14.04	20.74	5.53	4.82	364.06	1.3	0	0.99	3.26	41.64	49.92	22.62
14.69	15.88	5.32	5.37	385.12	1.23	0	1.4	1.98	39.42	54.5	20.34
15.56	14.98	5.96	5.67	368.76	1.4	0	0.96	2.63	39.42	62.5	24.36
15.41	14.51	4.81	6.2	391.82	1.51	0	0.9	2.35	39.58	64.22	24.98
16.07	14.28	5.05	6.43	399.53	1.72	0	0.8	2.76	39.33	61.25	22.97
16.68	12.07	6.85	6.91	406.79	1.78	0	1.05	2.67	39.02	66.75	26.35
17.49	11.46	7.79	7.8	359.63	1.89	0	1.75	3.37	38.49	68.25	24.85
18.04	13.94	5.81	8.8	355.93	1.67	0	1.95	3.64	38.22	65.16	32.32
18.79	15.34	8.17	9.59	361.14	1.43	0	1.89	4.11	37.4	72.08	34.8
20.28	15.37	9.06	10.18	362.36	1.22	0	2.22	3.83	38.28	74.26	35.37
20.37	17.44	10.45	11.81	354.18	1.21	0	2.33	3.67	42.26	80.01	44.56
18.36	20.91	12.24	12.38	359.01	1.49	0	2.79	3.49	42.88	122.41	56.3
19.45	17.9	13.38	13.19	367.68	1.32	0	2.66	3.4	42.98	111.75	53.4
19.95	17.38	10.05	12.32	365.35	1.3	0	2.21	2.92	45.12	90.45	46.36
18.11	14.69	11.75	8.35	368.92	1.64	0	2.43	2.41	45.15	98.29	43.51
16.62	26.4	10.77	8.33	374.15	1.75	0	1.88	3.86	42.31	104.12	39.48
15.45	21.06	11.39	10.91	354.91	1.94	0	2.13	3.25	44.44	91.17	44.12
15.39	20.69	9.69	11.93	349.57	2.34	0	2.48	2.72	45.08	84.74	43.27
16.45	21.51	10.48	14.05	349.22	2.25	0	2.63	2.8	45.11	84.17	52.3
17.45	22.53	11.7	14.27	346.89	2.64	0	2.41	2.52	45.16	97.26	48.85
18.15	27.69	12.44	15.04	344.88	2.68	0	2.06	2.45	44.9	101.43	55.51
17.48	26.14	11.54	14.05	342.86	2.98	0	1.99	2.49	46.53	101.47	55.38

19.07	29.4	11.31	15.5	342.7	3.54	0	2.08	2.44	39.57	104.23	58.4
18.19	30.74	11.08	15.97	346.56	3.42	0	1.6	3.63	39.11	102.61	58.91
19.39	26.97	11.41	16.22	350.75	2.91	0	2.1	2.46	37.85	107.33	55.75
19.92	31.23	12.84	16.54	355.99	2.79	0	2	2.86	39	112.08	58.68
20.86	35.62	11.47	17.83	361.04	2.23	0	1.66	3.27	39.26	112.67	60.95
21.22	38.33	11.45	19.03	364.44	2.73	0	1.88	3.59	40.48	116.96	64.22
20.63	39.73	12.13	19.62	368.18	2.76	0	1.28	3.33	43.96	118.41	70.3
21.54	41.01	11.55	20.54	368.82	3.65	0	1.73	3.06	46.52	114.59	69.74
15.42466	15.61644	11.9726	17.53425	567.726	4.219178	0	97.42466	3.369863	48.90411	120.1096	69.94521
15.45205	16.27397	12.21918	18.13699	580.2466	5.041096	0	1.534247	3.424658	49.72603	115.8356	69.17808
16.90411	17.45205	12.43836	20.32877	579.9452	5.616438	0	70.27397	3.452055	53.61644	119.8356	75.9726
17.61644	18.93151	12.21918	19.69863	568.9863	4.273973	0	1.863014	3.479452	57.42466	123.9452	73.58904
40.55	144.97	25.27	5.19	45.71	1.36	0	4.52	0	63.89	156.82	284.99
41.47	146.57	24.43	5.07	64.97	1.37	0	3.95	0	62.8	163.66	260.49
37.46	139.41	28.76	5.19	62.29	1.13	0	2.17	0	63.82	173.47	276.95
36.59	142.31	28.37	5.22	64.21	1.14	0	3.36	0	66.7	175.9	284.32
35.88	141.43	26.91	5.09	72.23	1.04	0	3.45	0	68.79	178.28	275.89
35.42	134.8	17.43	4.96	76.17	1.03	0	2.32	0	74.26	187.26	321
35.48	135.62	31.55	6.71	62.64	1.32	0	3.6	0	70.73	192.64	338.03
35.5	137.94	28.26	7.39	63.88	1.17	0	4.75	0	68.66	197.42	365.55
36.06	140.02	28.29	8.06	62.26	1.11	0	3.47	0	66.36	207.53	337.99
36.62	144.81	27.12	8.78	63.57	1.2	0	3.24	0	66.73	207.6	344.74
36.28	134.61	23.85	9.58	66.43	1.33	0	5.13	0	68.44	212.92	326.71
36.68	138.47	21.92	10.45	76.33	1.11	0	6.53	0	70.26	219.44	345.04
36.43	146.71	22.52	10.43	73.93	0.82	0	5.31	0	77.25	233.38	389.66
37.35	158.9	26.15	10.71	87.28	1.12	0	5.72	0	76.59	243.31	368.23
39.3	166.61	28.09	11.49	99.66	1.26	0	6.51	0	88.08	253.82	336.65
41.84	179.12	29.89	12.55	101.82	1.15	0	7.05	0	89.69	268.1	343.51
45.89	202.2	40.69	13.8	117.49	1.04	0	6.29	0	87.39	282.19	331.35
45.24	185.61	42.33	16.43	91.95	1	0	7.13	0	87.98	305.26	366.48
43.09	202.98	56.7	16.72	79.3	0.78	0	5.93	0	87.92	272.24	383.25
47.74	196.52	77.91	15.76	81.33	1.03	0	5.69	0	81.5	307.94	421.91
46.42	224.26	85.99	19.32	99.15	0.91	0	12.03	0	74.99	333.31	403.54
48.52	213.74	98.75	17	89.11	0.72	0	11.14	0	65.93	374.88	415.62
48.3	222.07	90.53	17.54	79.44	0.66	0	11.96	0	62.91	367.77	441.58
45.64	218.97	89.63	16.22	86.14	0.65	0	10.73	0	75.66	386.73	404.29
42.97	200.04	81.3	15.18	87.71	0.62	0	10.33	0	75.59	410.55	410.21
43.61	165.19	108.67	17.39	82.12	1.06	0	9.64	0	72.58	438.89	420.7
39.8	173.28	106.3	18.11	94.42	0.57	0	8.53	0	69.79	406.91	433.25
38.9	165.83	60.63	17.51	52.2	0.67	0	9.18	0	64.25	274.01	506.09
39	156.11	83.83	19.4	92.74	0.85	0	9.74	0	70.07	277.24	466.52
40.99	169.48	103.99	18.95	82.51	0.61	0	10.31	0	71.6	445.54	449.97
40.71	181.47	103.83	20.53	92.83	0.79	0	10.75	0	73.68	310.01	458.06
40.42	161.83	107.33	26.28	102.56	0.8	0	11.31	0	75.84	407.28	457.42
41.18	166.93	127.75	28.84	106.96	0.93	0	14.48	0	76.57	364.68	472.11
40	154.6	120.38	28.79	78.6	0.72	0	14.25	0	77.96	311.96	492.11
39.25	156.9	114.48	29.44	121.43	0.58	0	14.48	0	73.59	325.95	410.89
43.43	155.11	115.56	29.94	99.78	0.61	0	14.82	0	72.83	421.18	448.89
43.47	151.27	119.25	31.42	81.54	0.7	0	16.04	0	72.77	383.93	484.54



44.02	155.4	123.22	31.74	86.64	0.65	0	14.95	0	72.69	444.1	462.42
38.59	162.36	121.54	31.51	84.18	0.82	0	14.56	0	73.02	456.87	472.88
37.32	170.44	128.67	34.51	82.33	0.74	0	13.23	0	72.64	410.44	474.03
38.92	170.3	118.45	36.36	69.3	0.82	0	15.36	0	72.62	411.89	490.08
37.89	170.72	126.35	38.19	97.13	0.84	0	15.18	0	72.88	488.31	453.26
38.39	172.22	143.53	44.25	98.11	0.92	0	12.32	0	72.98	470.79	437.48
40.24	184.21	150.53	46.03	83.18	0.98	0	11.83	0	74.51	508.43	452.86
39.54	183.75	156.48	48.18	81.88	0.98	0	16.97	0	75.33	603.55	434.67
37.87	191.77	130.89	52.2	81.17	1.48	0	18.05	0	77.2	573.12	419.07
38.22	188.83	135.32	56.54	78.94	1.4	0	23.02	0	76.31	598.43	411.68
30.1	164.55	143.52	59.52	76.09	1.96	0	33.54	0	75.18	493.36	413.42
27.95	167.3	131.12	74.91	69.89	1.66	0	37.84	0	77.01	600.69	423.46
29.98	158.67	125.65	69.14	79.75	1.71	0	33.2	0	81.2	604.43	423.15
29.73	150.43	138.56	71.06	69.13	2.37	0	27.15	0	80.06	672.78	418.27
26.87	149.53	156.57	67.67	72.91	2.21	0	28.91	0	79.59	669.8	420.02
24.06	135.24	138.74	69.52	82.06	1.53	0	32.09	0	79.76	694.33	420.02
26	203.9452	147.4521	70.9589	113.0685	1.863014	0	29.86301	0	88.16438	554.2466	426.7123
25.50685	161.3973	145.5616	69.83562	112.2192	1.863014	0	32.13699	0	88.08219	553.8082	436.5479
26.54795	147.5342	153.4795	74.41096	115.7808	1.972603	0	26.87671	0	90.10959	492.5205	448.6575
28.9589	169.0685	135.2329	75.39726	116.5753	2.136986	0	26.41096	0	90.41096	515.1781	450.1644
40.12	182.39	13.07	1.43	39.37	0.04	0	1.32	0	61.82	293.86	187.2
39.35	175.63	12.99	1.46	40.75	0.07	0	1.4	0	66.47	333.27	222.17
38.25	168.96	13.46	1.56	40.91	0.04	0	1.58	0	70.76	360.15	241.63
37.38	165.75	14.12	1.82	43.72	0.05	0	1.77	0	73.58	422.37	248.42
34.86	153.02	14.92	1.9	45.78	0.03	0	2.02	0	77.63	445.97	247.53
33.71	159.03	15.06	2.22	47.53	1.61	0	2.35	0	81.19	470.78	242.01
33.52	152.34	13.51	3.06	48.26	0.66	0	2.4	0	89.91	521.33	244.53
33.46	159.93	16.68	3.85	49.62	2.05	0	2.2	0	84.25	461.91	302.88
32.56	154.12	14.29	4.29	51.33	1.39	0	2.36	0	85.03	477.83	309.69
32.92	157.37	10.02	5.01	51.86	0.75	0	2.37	0	86.16	464.62	318.46
31.15	151.72	8.45	5.52	51.13	1.78	0	2.56	0	86.13	498.95	338.68
29.03	152.65	15.64	6.44	51.72	0.8	0	1.67	0	85.59	454.1	335.63
27.18	149.73	14.79	6.8	52.33	1	0	1.59	0	88.15	397.63	335.85
27.42	157.51	19.18	7.21	52.07	0.48	0	1.82	0	92.34	325.97	340.4
27.09	151.82	14.38	7.58	48.4	0.43	0	1.94	0	93.97	333.09	346.94
25.59	165.92	17	7.38	57.41	0.57	0	2.23	0	92.88	385.55	340.49
26.74	162.8	15.85	9.89	67.76	0.56	0	2	0	95.08	395.76	333.92
26.33	157.63	22.95	11.95	69.3	0.53	0	2.12	0	93.29	406.51	354.66
26.18	198.11	21.01	15.02	82.03	0.53	0	2.36	0	91.31	317.78	373.03
28.01	193.33	23.31	23.44	85.77	0.68	0	2.53	0	87.5	372.25	395.63
31.76	217.21	23.19	28.01	87.76	0.45	0	2.37	0	90.02	401.88	408.85
32.36	198.71	25.22	33.91	89.39	0.5	0	2.12	0	89.16	459.97	437.68
37.57	203.13	25.01	33.73	93.36	0.1	0	1.87	0	88.7	429.9	456.67
37.72	226.03	23.3	39.11	103.73	0.55	0	1.86	0	90.52	485.35	468.34
36.04	210.83	26.53	39.22	104.14	0.27	0	2.12	0	92.58	552.91	494.87
34.47	183.69	21.84	40.3	109.26	0.22	0	2.27	0	104.88	484.68	512.39
33.43	171.77	27.07	41.6	113.47	0.24	0	2.06	0	102.68	453.88	521.18
33.58	196.79	23.7	41.52	112.81	0.23	0	2.24	0	95.51	436.75	523.53
30.07	159.91	34.68	43.04	114.93	0.23	0	2.78	0	97.28	469.94	517.42

29.97	150.85	21.06	29.45	102.08	0.22	0	4.31	0	71.93	464.43	506.62
12.96	78.18	33.9	2.95	76.75	0.04	0	2.09	0	55.65	313.96	363.86
18.01	41.04	47	4.64	79.4	0.03	0	3.64	0	58.96	360.05	292.1
18.78	44.58	57.31	5.49	79.28	0.03	0	4.46	0	55.01	402.25	269.56
14.69	50.99	44.8	5.69	67.09	0.03	0	3.69	0	55.45	382.57	253.62
11.8	51.68	40.35	5.38	66.92	0	0	3.26	0	46.53	369.76	243.82
9.18	65.98	62.44	5.23	63.52	0	0	2.74	0	40.56	360.6	238.88
10.87	66.2	50.82	4.17	80.62	0.01	0	1.31	0	48.49	350.55	266.42
10.88	77	47.83	3.43	80.66	0.13	0	0.97	0	49.14	369.15	289.54
10.55	100.5	61.6	5.81	86.74	0.13	0	0.78	0	53.77	390.6	302.19
10.75	131.6	42.81	8.52	106.09	0.13	0	0.7	0	53.52	364.6	293.03
9.97	108.58	46.4	9.28	103.6	0.13	0	0.85	0	55.45	412.83	307.62
9.82	125.89	69.23	10.31	101.29	0	0	0.79	0	58.87	360.67	326.09
8.81	78.36	72.53	3.17	93.1	0.01	0	0.68	0	51.54	260.98	342.25
8.9	87.63	51.88	7.65	92.48	0	0	0.85	0	74.6	364.2	336.87
9.68	81.84	70.23	11.6	86.92	0.29	0	0.81	0	64.55	400.25	339.76
10.16	76.88	65.49	12.2	97.25	0.03	0	0.71	0	69.71	412.94	357.34
9.92	49.53	52.7	19.75	100.08	0.15	0	0.57	0	61.16	413	368.57
11.85	94.92	29.66	20.8	102.92	0.33	0	0.84	0	50.79	350.28	351.21
13.34	98.04	18.94	32.13	100.41	0.23	0	0.76	0	43.52	353.98	372.03
12.96	85.32	20.58	27.9	91.68	0.18	0	0.63	0	52.46	393.59	383.01
13.39	68.8	36.35	39.51	107.3	0.15	0	1.56	0	51.93	331.26	356.59
13.8	55.37	36.13	36.83	117.65	0.1	0	1.55	0	50.37	298.89	372.36
14.43	61.26	48.9	40.64	111.06	0.09	0	1.3	0	52.76	314.39	373.88
13.06849	50.87671	43.67123	38.19178	154.6301	0.136986	0	1.452055	0	59.28767	253.1233	365.8356
11.56164	47.28767	31.58904	33.89041	129.3699	0.630137	0	3.726027	0	77.28767	123.3699	364.0548
11.15068	41.15068	40.49315	31.39726	126.7123	1.09589	0	3.616438	0	67.83562	113.1233	363.4521
12.08219	41.83562	22.49315	40.9589	125.3151	0.575342	0	4.136986	0	70.05479	102.8767	361.4795
173.19	823.06	381.7	14.28	1.96	0.3	0	1.89	0	146.14	109.13	376.76
174.69	843.1	381.73	14.37	2.46	0.3	0	2.41	0	139.3	112.65	368.32
177.62	847.91	378.19	16.71	2.29	0.3	0	1.07	0	144.09	105.29	364.34
177.67	855.79	372.51	18.65	2.26	0.33	0	1.1	0	143.57	113.76	349.97
188.21	846.59	364.98	20.04	2.44	0.27	0	1.14	0	146.95	113.61	347.35
183.41	858.48	359.67	23.05	2.24	0.29	0	1.26	0	146.69	100.41	337.94
189.83	906.76	354.27	22.96	2.44	0.27	0	1.16	0	150.62	95.04	331.05
189.96	875.24	348.69	26.3	2.29	0.28	0	1.1	0	153.19	98.16	330.57
199.84	889.33	342.47	28	2.8	0.25	0	1.25	0	150.62	115.58	321.77
205.2	911.15	332.87	27.6	2.88	0.28	0	2.51	0	150.67	127.45	312.02
214.51	893.67	326.24	30.69	2.72	0.29	0	3.09	0	154.64	120.58	308.36
207.6	887.42	357	31.87	3.21	0.33	0	1.7	0	138.26	113.79	294.52
195.32	896.55	350.79	35.28	3.3	0.31	0	1.21	0	154.03	126.29	298.1
243.45	908.35	346.18	29.77	1.67	0.3	0	4.25	0	146.4	140.97	297.77
248.8	854.3	315.79	28.09	2.36	0.28	0	3.29	0	151.24	172.96	297.47
230.15	870.6	299.05	31.91	2.8	0.26	0	3.39	0	141.11	186.52	286.67
221.15	875.7	351.23	33.61	2.72	0.32	0	3.31	0	142.64	197.18	300.88
206.61	1026.45	353.46	36.82	2.44	0.38	0	3.44	0	151.48	209.85	289.34
208.3	911.42	362.1	40.05	2.57	0.38	0	3.56	0	141.4	219.99	295.08
214.03	1006.36	362.16	38.15	2.56	0.36	0	3.41	0	134.48	217.47	273.29
211.9	927.29	361.14	41.53	3	0.32	0	3.58	0	123.55	223.47	281.53

224.34	805.18	362.94	45.52	3.16	0.88	0	3.16	0	127.7	233.98	287.28
217.79	779.58	358.07	46.25	2.81	0.34	0	3.74	0	122.13	155.44	301.79
227.67	776.27	364.91	48.22	3.07	0.44	0	3.86	0	127.32	172.97	297.67
219.65	840.1	366.83	51.09	3.41	0.52	0	4.02	0	126.3	172.11	295.24
217.18	862.72	359.4	56.1	3.23	0.48	0	3.91	0	124.79	186.75	297.14
220.29	952.03	354.12	60.82	3.4	0.77	0	3.97	0	109.25	185.03	296.74
224.87	936.95	349.37	61.74	4.25	0.66	0	2.04	0.03	109.23	190.37	304.61
205.7	848.03	341.97	59.9	3.9	0.72	0	1.81	0.05	110.92	182.08	311.04
216.37	792.31	344.26	65.9	4.41	0.78	0	2.2	0.07	130.11	197.41	305.99
224.65	828.66	337	68.35	5.47	0.71	0	1.83	0.12	118.94	212.84	305.1
222.93	725.29	338.77	64.7	6.12	0.49	0	1.37	0.27	130.78	219.07	311.12
203.9	752.04	336.85	65.81	5.28	0.8	0	3.1	0.13	134.67	214.14	303.79
194.02	663.36	352.86	73.59	5.31	1.05	0	3.23	0.03	135.09	217.12	288.75
199.42	710.85	348.97	70.61	5.65	0.83	0	1.72	0.02	125.77	192.23	272.41
199.11	728.08	357.28	71.31	7.05	0.78	0	2.2	0	110	205.45	271.48
212.7	769.49	345.74	68.13	7.66	0.93	0	2.46	0.02	110.17	195.74	271.85
231.39	802.76	353.14	70.84	9.7	0.91	0	2.49	0.01	106.27	207.39	274.44
231.86	835.55	357.56	89.67	8	1.45	0	2.24	0.06	110.66	196.75	274.01
208.29	886.17	343.37	84.78	6.71	1.51	0	2.85	0.27	119.74	195.76	275.33
229.86	918.59	326.22	77.01	7.21	1.37	0	3.23	0.24	117.91	220.92	277.56
230.61	862.69	323.16	75.29	5.63	1.68	0	3.31	0.21	91.18	219.79	265.46
217.57	947.63	330.28	75.33	5.39	1.53	0	2.54	0.24	104.76	215.55	271.17
227.67	908.98	328.24	76.21	7.25	1.46	0	2.87	0.2	103.03	205.85	265.06
212.35	813.92	272.57	88.25	4.18	1.15	0	3.72	0.23	103.98	196.45	278.84
218.25	725.68	275.32	77.03	4.15	1.96	0	4.84	0.18	108.43	219.44	324.61
200.22	820.14	263.61	71.59	6.06	1.39	0	5.02	0.34	116.2	225.27	286.88
192.17	848.86	264.71	75.62	8.71	1.32	0	5.02	0.34	119.61	241.59	295.75
185.35	750.58	253.9	71.29	9.06	1.45	0	6.07	0.42	107.51	239.01	306.5
186.68	751.63	253.39	63.42	9.87	1.17	0	6.97	0.7	104.82	250.91	313.89
170.46	831.12	246.88	58.73	8.32	1.77	0	6.11	0.75	134.9	263.54	304.01
169.61	738.49	250.49	69.38	8.67	1.29	0	7.82	0.57	133.17	266.07	295.77
174.35	822.42	257.57	71.93	8.23	1.65	0	9.21	0.67	125.99	257.34	295.83
171.3151	817.4247	214.274	68.16438	8.712329	1.534247	0	4.493151	2.027397	248.9863	246.3836	268.6027
176.5479	883.3699	197.863	72.54795	9.671233	1.616438	0	4.60274	2.164384	223.3151	259.0959	294.6849
148.411	750.7397	189.2603	71.23288	10.13699	1.643836	0	4.383562	1.506849	237.6712	267.3699	284.6027
149.2603	672.6849	190.0274	70.73973	11.53425	1.780822	0	4.958904	1.726027	215.7808	266.274	280.8767
37.86	428.08	94.95	53.55	15.42	0.31	0	4.53	0	97.05	421.81	384.61
50.15	454.4	94.23	61.22	15.14	0.29	0	2.96	0	99.02	438.65	381.55
52.48	408.59	101.06	59.98	15.83	0.32	0	7.16	0	98.06	437.11	365.58
62.96	411.4	102.61	63.37	16.3	0.4	0	6.85	0	101.28	441.61	365.61
61.77	415.37	92.2	62.11	16.1	0.43	0	9.6	0	106.07	427.79	359.41
77.13	420.52	92.71	66.37	17	0.44	0	9	0	103.2	422.31	357.51
60.3	436.98	93.04	69.7	17.22	0.45	0	7.58	0	104.28	410.3	369.68
77.55	456.97	95.99	68.02	17.75	0.46	0	11.17	0	108.7	432.09	378.53
76.53	464.8	94	69.91	17.63	0.46	0	12.7	0	109.57	482.17	379.95
74.9	492.15	105.72	74.37	18.3	0.56	0	9.93	0	114.68	486.6	383.15
75.07	489.3	107.18	84.1	18.76	0.55	0	10.1	0	112.3	491.22	398.04
66.79	489.32	105.85	95.11	18.2	0.61	0	11.44	0	111.65	486.36	385.21
74.39	517.73	106.78	91.68	17.91	0.69	0	12.31	0	111.53	440.95	389.88

56.26	531.95	115.4	100.98	16.6	0.51	0	14.91	0	107.62	420.51	380.85
65.62	538.22	112.5	103.15	16.72	0.6	0	14.54	0	103.07	494.79	379.49
65.94	572.18	117.92	104.66	16.95	0.68	0	16.44	0	96.8	419.75	380.34
83.72	575.12	119.9	101.45	16.72	0.75	0	14.76	0	99.14	396.09	372.95
58.91	560.32	121.25	104.08	14.98	0.62	0	10.79	0	100.23	432.21	368.23
84.74	549.02	116.83	104.45	17.08	0.58	0	10.79	0	100.63	393.18	366.19
58.34	493.49	116.79	96.79	16.52	0.34	0	11.18	0	100.11	412.38	377.14
64.7	507.45	115.7	102.28	16.59	0.75	0	13.18	0	98.06	407.76	369.36
68.26	528.36	115.26	112.7	17.43	0.69	0	13.21	0	98.11	372.35	365.1
58.48	547.06	104.23	117.63	17.89	1	0	14.53	0	99.21	462.12	365.37
72.77	556.66	92.64	114.57	19.03	0.83	0	12.56	0	105.76	464.31	346.52
70.04	544.94	100.18	109.58	20.37	0.75	0	13.62	0	107.89	424.78	351.68
61.19	558.8	100.28	93.15	19.93	1.12	0	21.49	0	111.53	438.36	350.82
70.4	560.46	96.96	94.26	20.54	1.18	0	18.39	0	113.74	455.65	345.69
78.5	580.87	102.41	105.17	16.58	1.2	0	20.48	0	111.78	467.83	347.98
68.52	532.69	97.13	102.69	21.17	1.07	0	21.08	0.01	116.54	542.2	346.99
60.8	605.21	87.62	106.8	20.8	1.33	0	20.97	0	117.92	543.71	339.27
70.29	583.82	80.71	111.94	20.86	1.22	0	24.1	0	119.46	486.24	317.72
60.81	586.22	93.41	119.27	20.35	1.28	0	25.17	0.01	119.54	506.99	331.64
62.79	591.17	91.84	124.11	22.24	1.01	0	19.13	0.01	117.37	543.32	322.88
76.73	605.45	112.27	131.58	27.51	0.93	0	18.37	0.01	120.15	618.88	327.13
70.12	604.83	114.53	126.61	30.1	0.69	0	19.4	0.01	124.17	689.1	321.24
74.84	575.89	109.32	127.37	31.71	0.79	0	21.82	0.03	136.7	628.25	304.44
78.02	591.88	112.78	126.05	29.76	0.8	0	18.79	0.01	140.4	604.24	308.49
75.04	590.91	118.51	125.26	29.26	0.9	0	18.69	0.05	141.56	671.49	305.28
73.16	578.26	126.22	127.68	28.96	0.87	0	20.65	0.05	144.29	718	307.91
91.7	562.23	108.14	159.41	29.77	0.96	0	19.26	0.06	144.54	657.86	303.36
85.56	571.43	134.17	182.17	30.48	1.04	0	23.28	0.08	120.16	624.96	301.06
95.99	571.49	132.53	192.51	29.03	0.84	0	24.87	0.09	121.55	644.43	314.24
99.8	527.38	128.36	191.8	24.75	0.82	0	20.35	0.1	107.39	616.47	318.51
98.46	522.69	131.53	194.64	27.22	0.97	0	25	0.14	74.88	645.02	328.99
95.44	518.77	129.11	199.29	27.45	1.22	0	27.12	0.09	73.54	545.76	325.26
107.29	494.61	124.34	191.88	31.22	1.03	0	28.59	0.12	70.6	497.81	327.07
104.07	512.24	95.96	186.05	34.66	1.08	0	27.27	0.19	71.57	485.82	321.65
110.23	536.92	115.12	187.83	29.95	1.56	0	31.5	0.21	69.38	460.2	323.83
98.69	500.93	109.52	182.38	35.44	1.17	0	33.38	0.21	71.65	480.2	309.1
102.8	505.04	101.9	182.61	37.98	0.94	0	28.55	0.22	75.55	446.61	325.54
106.55	508.44	107.25	183.09	32.75	1.24	0	27.61	0.21	75.42	460.94	324.07
101.72	525.86	103.39	186.25	37.24	0.82	0	30.64	0.23	76.92	474.11	317.42
107.31	532.72	109.3	171.23	46.06	1.34	0	29.19	0.27	76.16	477.72	303.73
90.13699	533.0137	95.09589	182.7945	41.72603	1.342466	0	23.39726	0.712329	86.0274	467.0137	298.8219
87.45205	503.6712	94.9589	182.5205	41.58904	1.287671	0	22.57534	0.712329	84.13699	430.4658	307.1233
90.16438	529.1781	94.65753	183.9726	37.0411	1.09589	0	23.47945	0.712329	88.10959	459.726	295.863
90.82192	529.8356	94.60274	184.6301	46.21918	1.123288	0	23.67123	0.712329	85.72603	430.2192	278.4658
75.71	406.51	150.74	14.71	14.17	0.13	0	14.2	0	68.67	364.94	449.19
82.22	403.11	133.9	17	13.8	0.14	0	14.12	0	69.97	339.65	448.82
87.57	420.53	141.99	19.68	14.38	0.17	0	15.45	0	72.88	387.27	454.77
90.24	416.09	128.38	23.19	15.91	0.16	0	15.85	0	76.28	413.26	454.82
90.69	426.13	117.58	27.5	13.56	0.16	0	14.37	0	75.01	421.51	460.48

100.01	454.72	123.45	29.37	14.09	0.16	0	14.87	0	76.53	434.15	459.95
109.28	494.58	124.09	28.43	12.68	0.17	0	15	0	78.7	429.01	471.79
112.8	511.18	130.14	29.43	15.22	0.18	0	15.54	0	79.13	423.81	475.93
116.15	505.27	134.17	30.09	11.89	0.19	0	14.3	0	83.09	467.76	476.43
125.21	510.11	120.22	32.19	12.32	0.17	0	15.99	0	84.45	472.44	486.4
130.75	512.35	114.71	33.32	10.5	0.2	0	12.66	0	84.78	435.51	492.81
130.57	545.03	109.8	36.06	12.46	0.27	0	13.77	0	91.12	401.77	472.9
139.33	563.94	105.92	40.23	14.9	0.33	0	13.73	0	96.72	424.79	488.86
138.12	569.58	105.15	41.55	12.75	0.27	0	13.47	0	99.23	444.03	459.12
135.89	561.3	103.61	42.85	13.78	0.21	0	12.34	0	81.23	458.51	462.47
140.05	571.3	97.31	44.93	12.38	0.31	0	12.49	0	89.8	427.6	451.24
145.23	600.03	113.92	45.49	12.76	0.3	0	12.78	0	87.67	416.69	452.78
152.11	630.12	104.09	47.43	12.87	0.27	0	13.44	0	89.76	427.14	466.13
158.53	689.59	111.38	48.45	13.19	0.29	0	12.31	0	93.41	443.38	489.07
166.88	696.67	109.82	49.68	12.51	0.31	0	14.15	0	96.14	465.45	475.82
166.3	698.44	101.84	49.56	12.52	0.18	0	14.75	0	95.95	458.74	454.13
164.59	727.76	109.18	50.95	12.7	0.25	0	13.78	0	87.59	473.25	412.91
174.32	748.89	100.41	51.16	12.96	0.27	0	12.41	0	84.71	472.95	395.49
176.46	745.75	103.34	50.07	12.22	0.27	0	10.71	0	82.04	475.05	421.76
176.01	773.24	102.51	49.32	11.64	0.27	0	12.06	0	77.28	470.36	409.47
177.96	747.18	113.85	49.53	11.74	0.25	0	13.69	0	78.74	471.48	421.86
184.4	736.77	113.12	51.31	14.1	0.26	0	15.14	0	78.74	475.42	414.12
185.45	731.62	113.17	52.59	13.24	0.28	0	14.67	0	78.89	481.26	414.73
188.27	722.29	114.96	53.1	13.92	0.27	0	12.96	0	79.7	484.64	415.24
191.07	713.74	116.7	53.73	13.98	0.33	0	13.52	0	83.01	471.75	407.72
193.81	706.43	114.41	53.44	14.92	0.29	0	16.3	0	84.92	496.3	415.65
193.69	694.99	123.28	54.01	13.46	0.23	0	15.6	0.01	84.48	515.64	401.98
197.77	676.89	116.01	53.35	15.54	0.24	0	12.74	0.01	83.72	441.63	391.99
197.82	681.86	119.87	52.08	16.91	0.26	0	16.46	0.01	82.46	476.78	385.88
190.16	654.87	100.76	50.43	17.6	0.28	0	15.48	0.01	83.25	487.25	406.6
198.89	710.08	104.03	51.13	18.02	0.25	0	16.05	0.01	84.28	489.05	408.02
193.03	700.2	105.8	51.13	17.97	0.29	0	15.83	0.01	88.1	487.86	410.94
201	773.25	111.99	50.8	18.36	0.26	0	18.06	0.01	89.07	477.74	411.11
202.37	763.15	106.05	50.43	18.49	0.3	0	17.09	0.01	80.6	506.29	414.6
201.19	753.03	117.29	51.88	15.62	0.32	0	16.53	0.01	84.74	539.17	414.66
206.91	758.28	112.44	50.07	15.9	0.29	0	17.34	0.01	87.43	439.46	416.48
205.26	754.17	109.47	49.35	16.69	0.34	0	18.48	0.01	85.75	396.5	412.83
205.58	735.52	100.77	41.04	16.24	0.32	0	16.34	0.01	85.82	477.59	411.11
201.23	733.98	112.32	43.13	14.87	0.35	0	18.83	0.01	88.06	540.81	408.35
198.65	759.45	107.18	42.22	13.48	0.35	0	18.89	0.02	87.4	502.41	401.94
205.01	755.43	107.2	36.87	15.01	0.34	0	22.57	0.02	81.89	438.83	400.77
205.64	724.2	107.59	43.31	16.07	0.34	0	20.25	0.02	81.32	432.16	398.56
196.92	752.55	102.4	46.69	14.83	0.42	0	19.7	0.03	81.46	420.11	400.09
200.56	724.92	108.89	47.53	12.95	0.49	0	19.76	0.03	81.18	478.95	406.03
204.9	722.48	109.44	48.12	15.42	0.29	0	20.72	0.03	82.28	405.68	394.52
194.84	730.94	105.4	49.68	14.74	0.26	0	22.32	0.03	84.26	395.75	397.21
192.01	716.28	104.64	52.11	13.81	0.23	0	18.15	0.04	86.37	366.76	400.74
185.81	692.25	104.54	50.97	15.72	0.26	0	19.85	0.04	87.99	353.17	401.02
170.4932	700.6027	97.42466	50.63014	13.42466	0.219178	0	18.10959	0.109589	89.58904	351.0137	401.6986

168.3562	675.7808	99.56164	50.73973	24.30137	0.246575	0	18.9863	0.109589	85.9726	369.1233	402.6027
165.3699	631.7808	98.35616	51.0411	24.71233	0.246575	0	21.23288	0.109589	88.71233	369.8904	402.7671
176.2192	639.8356	97.64384	51.72603	23.78082	0.219178	0	21.83562	0.109589	88.65753	358.7123	400.6027
49.83	120.73	16.8	6.7	36.34	0.68	0	0.07	0	108.18	62.99	183.67
49.7	159.01	16.42	8.62	36.43	0.6	0	0.08	0	110.21	59	193.23
51.92	147.38	16.29	10.21	41.58	0.75	0	0.08	0	110.45	65.85	184.44
56.81	164.38	13.64	11.36	48.03	0.6	0	0.13	0	116.59	73.7	193.66
52.36	159.14	16.15	12	50.73	0.73	0	0.11	0	119.25	89.51	196.27
50.89	158.83	23.15	16.06	48.83	0.71	0	0.09	0	124.92	89.87	192.57
52.13	187.29	18.34	20.44	52.19	0.63	0	0.13	0	129.3	83.29	203.17
54.47	229.4	12.73	20.61	37.08	0.86	0	0.11	0	134.63	73.86	214.64
56.04	207.86	16.97	24.63	41	0.66	0	0.12	0	144.05	64.92	198.36
61.76	258.35	16.29	30.44	50.29	0.6	0	0.14	0	126.05	90.73	227.14
55.88	245.25	17.96	39.61	48.34	0.66	0	0.12	0	135.63	130.23	226.95
65.07	279.92	13.55	32.03	48.76	0.89	0	0.24	0	139.16	131.69	224.38
56.03	181.95	11.42	41.03	53.8	1.38	0	0.15	0	137.65	119.18	221.25
51.57	306.03	20.45	45.56	54.17	1.4	0	0.15	0	136.63	129.08	219.8
61.21	216.22	15.87	54	58.01	1.76	0	0.32	0	142.43	135.11	214.48
61.29	271.94	10.73	61.34	55.78	1.43	0	0.41	0	145.7	153.76	208.03
51.45	209.76	9.86	65.01	53.3	0.94	0	0.21	0	151.6	148.55	191.85
59.83	292.95	12.75	66.3	54.89	1.38	0	0.23	0	150.21	162.66	192.2
39.39	227.74	11.79	63.87	54.69	1.31	0	0.09	0	134.15	166.74	189.92
41.04	231.55	8.32	69.66	55.31	0.99	0	0.04	0	153.12	164.7	192.88
41.19	224.83	13.48	68.56	59.1	1.29	0	0.04	0	128.78	174.2	195.69
41.54	222.27	7.68	69.77	59.13	1.3	0	0.14	0	119.12	151.32	199.34
42.2	180.73	8.79	66.98	58.25	0.83	0	0.16	0	121.85	167.05	197.26
39.33	215.67	11.57	72.45	60.82	1.09	0	0.03	0	123.57	200.59	193.43
36.31	210.75	6.15	63.49	63	1.02	0	0.03	0	117.84	174.77	194.86
40.01	224.59	5.47	71.97	59.12	1.71	0	0.04	0	123.47	159.11	185.78
43.72	308.55	8.54	76.64	52.64	1.3	0	0.04	0	133.29	162.58	181.93
47	183.06	9.75	70.91	44.54	1.13	0	0.05	0	140.15	134.37	182.74
48.35	256.49	11.33	69.79	66.25	1.78	0	0.09	0	155.67	152.25	172.52
44.05	351.35	14.71	84.97	74.66	1.81	0	0.04	0	141.78	160.39	164.66
39.69	335.24	6.87	89.27	46.93	1.93	0	0.05	0	141.29	148.49	178.78
45.77	293.23	6.87	90.87	70.36	2.23	0	0.17	0	138.66	186.57	167.78
49.68	331.9	9.05	93.27	55.71	2.24	0	0.13	0	144.85	227.48	179.96
47.15	274.81	14.31	78.46	65.16	2.42	0	0.32	0	143.74	264.04	179.21
51.04	300.25	20.96	68.7	75.97	3	0	0.24	0	108.95	282.94	185.96
47.36	282.32	21.61	107.61	76.98	2.83	0	0.22	0	139.53	299.94	127.54
49.2	285.74	21.17	112.92	60.43	1.89	0	0.33	0.01	129.97	239.68	174.22
48.89	285.68	22.04	111.79	61.93	1.69	0	0.14	0.01	136.49	232.17	177.68
51.03	253.91	17.31	113.12	62.56	2.5	0	0.54	0.01	139.08	249.81	175.62
46.29	295.59	21.21	112.86	65.6	1.88	0	0.26	0	160.57	215.08	171.16
41.27	293.46	28.7	119.65	60.22	2.52	0	0.6	0.01	156.55	244.72	178.46
46.61	299.7	25.21	120.41	75.32	1.58	0	0.3	0.01	156.69	190.12	165.38
44.22	293.01	24.83	134.55	71.6	2.75	0	0.31	0	153.9	233.71	166.7
41.11	295.96	29.47	137.65	67.61	2.29	0	0.95	0.01	136.36	198.4	180.04
46.95	274.19	29.58	132.61	70.72	4.18	0	1.21	0.02	142.95	208.5	180.75
43.76	263.75	31.17	129	72.41	3.29	0	0.68	0	131.45	229.61	179.85

43.13	296.19	28.88	144.38	71.07	3.27	0	1.38	0.05	131.6	212.6	181.8
44.24	267.28	23.46	141.06	72.15	3.45	0	1.92	0	150.96	207.8	182.74
38.9	252.14	26.19	133.68	77.18	2.57	0	1.66	0.01	137.27	242.13	184.07
36.12	251.82	25.85	162.31	70.39	1.92	0	2.45	0.01	137.15	237.48	185.36
39.37	237.38	32.04	140.42	68.83	2.23	0	0.64	0.02	137.52	301.76	185.88
37.63	249.47	29.61	144.64	72.73	2.52	0	1.61	0	143.21	306.07	177.98
35.08	250.72	31.11	143.87	64.23	2.88	0	1.68	0.01	134.57	316.27	193.61
30.65753	191.589	24.38356	141.726	92.43836	2.465753	0	0.794521	0.027397	172.9041	270.8219	182.3562
29.94521	191.6164	22.82192	143.6712	104.7671	2.465753	0	0.575342	0.027397	183.2329	256.9315	190.0822
31.15068	192.9863	19.72603	139.3699	93.89041	1.643836	0	0.465753	0.027397	170.9863	295.6438	165.8356
29.39726	194.3014	19.94521	140	106.6301	1.479452	0	0.465753	0.027397	174.6301	275.3973	172.3562
18.65	68.59	77.54	3.8	308.99	0.12	3.34	1.73	21.55	49.4	278.55	91.6
23.91	80.17	72.14	4.42	312.44	0.09	3.34	2.27	20.04	54.05	309.98	94.41
23.58	95.85	60.32	5.12	309.8	0.17	3.34	1.81	19.77	52.23	342.93	102.03
27.15	105.38	70.49	5.08	305.34	0.14	3.34	1.59	19.05	57.78	326.14	103.47
28.21	106.19	76.82	5.81	293.58	0.17	3.62	1.62	18.79	61.84	340.6	101.28
32.04	114.45	60.81	6.76	277.52	0.17	3.6	2.08	19.76	65.43	359.26	110.54
32.53	130.23	64.14	8.08	271.59	0.17	3.6	2.2	20.65	73.5	362.23	111.69
32.41	132.94	71.59	9.16	262.9	0.21	3.54	2.38	20.72	80.14	388.63	110.68
35.5	141.46	68.93	11.03	254.44	0.19	3.49	2.18	20.36	83.78	371.16	112.53
39.07	144.87	63.96	12.96	249.32	0.81	3.58	2.5	20.62	96.02	360.5	111.7
43.6	140.16	60.8	14.47	244.02	0.78	3.31	2.5	20.57	88.26	371.44	112.1
47.36	146.58	61.55	16.39	242.15	0.94	3.31	2.85	21.1	89.72	369.06	114.41
50.94	146.27	60.17	17.63	240.24	0.98	3.33	3.32	21.22	80.64	352.5	117.48
49.83	150.81	55.96	18.35	237.32	1	3.39	2.67	20.91	82.82	345.73	114.88
51.15	141.8	67.83	18.37	233.06	0.94	3.36	2.92	20.69	74.49	341.64	122.99
51.9	159.48	62.89	20.63	228.18	1.16	3.33	3.6	19.83	77.42	343.37	119.95
55.51	177.73	63.74	22.51	220.08	1.27	3.32	3.42	18.94	83.48	355.68	119.71
59.5	191.58	64.35	25.04	207.79	1.5	3.31	3.4	19.25	88.8	353.68	118.53
63.84	194.93	64.36	27.11	203.18	1.43	3.31	3.47	19.69	94.08	348.52	120.81
62.85	188.4	65.73	27.71	201	1.04	3.6	3.01	19.55	91.53	346.52	120.11
63.67	184.78	61.75	28.12	197.98	0.93	3.6	2.97	19.33	77.3	348.7	119.3
63.17	190.1	71.1	29.34	194.37	1.18	3.32	3.07	19.81	91.66	347.53	121.46
64.2	195.11	67.54	30.37	192.44	1.41	3.58	3.5	20.38	89.13	333.28	119.83
65.6	195.3	67.79	31.57	191.28	1.27	3.86	3.48	20.94	90.54	343.33	119.6
68.51	203.72	67.88	32.57	189.71	1.33	3.59	3.35	21.01	91.81	336.17	119.75
69.87	201.43	70.39	34.62	186.89	1.31	3.83	4.24	21.46	93.55	344.32	120.15
73.11	200.23	70.61	36.14	183.3	1.53	3.56	3.96	22.46	93.32	343.06	118.37
75.38	216.6	70.68	38.09	180.96	1.68	4.11	4.59	22.36	94.57	336.79	120
77.91	218.54	70.18	37.76	179.5	1.6	4.11	4.39	22.69	96.19	337.24	121
76.82	215.68	69.35	37.31	178.57	2.06	3.84	4.45	22.33	93.51	327.35	119.25
76.67	226.89	72.13	37.88	178.25	2.35	3.56	4.62	22.62	89.8	322.47	117.87
79.29	229.52	69.72	39.12	177.71	2.52	3.84	4.41	23.02	88.89	328.02	117.37
80.95	225.77	69.37	37.97	176.18	2.15	3.56	4.61	21.34	87.2	317.61	118.85
82.09	223.14	70.24	38.04	168.44	2.32	4.11	4.93	21.56	86.39	319.55	120.1
89.17	228.22	68.36	40.53	172.5	2.89	3.84	5.24	21.41	84.36	326.33	117.82
89.35	229.58	65.08	40.71	171.08	2.93	3.84	5.01	22.76	84.38	324.77	118.64
84.3	229.21	71.3	39.86	169.77	3.2	3.84	5.18	22.29	82.95	316.12	115.94
84.69	225.69	66.36	39.75	165.9	3.15	3.84	4.78	22.81	83.91	309.31	114.33

87.81	223.56	65.89	41.57	165.85	3.04	4.11	4.56	21.86	82.31	318.67	114.03
89.84	225.73	64.53	42.71	164.44	3.29	3.84	5.95	21.62	78.42	316.22	114.26
87.57	220.58	65.28	43.1	162.03	3.4	3.83	5.86	21.97	80.76	312.86	113.58
85.66	220.77	64.31	44.39	159.61	3.34	4.1	6.17	22.43	81.56	301.24	113.26
87.53	218.92	61	43.62	156.39	3.54	3.17	5.86	22.47	82.32	301.57	115.21
86.68	218.84	61.94	41.04	155.25	3.54	3.55	6.14	22.7	82.44	295.1	115.66
88.24	215.54	60.52	46.22	155.06	3.31	3.27	6.21	22.63	78.56	301.51	114.87
84.52	208.54	57.9	47.6	154.03	3.28	3.27	6.02	22.46	75.66	296.46	114.67
86.17	211.63	62.1	47.03	154.51	3.27	3	5.95	22.44	82.51	292.65	123.27
86.57	204.37	61.09	47.52	148.48	3.53	2.82	6	22.19	77.8	287.24	119.99
85.91	203.04	57.88	46.47	147.11	3.08	2.8	5.06	21.28	75.6	280.99	121.96
87.5	200.46	55.85	50.04	149.02	3.11	2.71	6.04	20.9	69.44	275.95	124.33
88.41	196.89	57.15	52.19	142.91	3.15	2.52	6.2	20.33	76.31	282.76	125.1
89.84	201.78	61.22	53.71	160.82	3.22	2.62	6.5	19.98	75.24	291.19	122.59
89.78	199	57.4	53.2	163.96	3.2	2.53	6.14	20.1	74.19	285.36	123.4
85.94521	159.9452	50.41096	48.35616	228.8219	3.178082	2.438356	3.917808	20.0274	75.53425	258.9041	122.9589
83.53425	160.411	50.13699	48.43836	225.2329	3.150685	2.547945	3.808219	20.60274	76.41096	257.2055	122.5205
86.13699	160.5205	48	48.9863	224.4384	3.09589	2.520548	3.616438	20.93151	79.78082	253.2055	122.7945
90.43836	162.1644	52.49315	50.68493	223.6438	3.013699	2.520548	3.863014	20.41096	77.23288	254.6575	121.6986
17.08	97.27	26.1	1.68	36.69	0.24	0	5.9	0	73.86	609.15	333.37
20.71	101.33	22.87	2.09	26.97	0.22	0	7.04	0	84.82	544.31	343
19.76	114.24	28.34	2.76	32.69	0.26	0	6.69	0	74.94	596.96	347.86
19.33	121.46	25.69	3.38	29.89	0.23	0	6.71	0	57.95	670.01	331.79
20.97	135.5	31.08	4.39	34.7	0.29	0	6.24	0	83.93	636.59	309.42
22.91	127.13	40.85	4.79	32.88	0.33	0	6.96	0	87.88	351.66	339.34
16.09	97.06	13.59	4.19	27.49	0.31	0	6.43	0	91.59	386.62	304.03
29.04	152.27	25.15	7.24	32.2	0.56	0	4.37	0	74.79	280.34	355.16
29.62	173.94	22.2	15.47	32.69	0.41	0	1.83	0	72.86	299.81	367.63
23.55	127.29	25.55	14.27	23.76	0.19	0	1.94	0	73.31	210.14	387.36
23.95	162.26	24.6	17.15	26.26	0.21	0	4.9	0	73.43	233.65	378.57
23.65	134.13	12.54	19.36	26.63	0.42	0	2.88	0	74.51	312.04	374.99
25.81	186.83	26.36	23.33	25.21	0.45	0	4.15	0	60.21	160.93	380
18.75	129.46	29.75	27.18	30.71	0.41	0	4.21	0	73.57	167.61	378.28
17.55	136.96	28.91	30.99	31.33	0.24	0	4.07	0.01	65.07	251.48	380.85
13.02	160.38	34.02	31.97	32.91	0.18	0	4.28	0.19	103.4	121.18	367.65
17.02	178.39	45.74	31.89	33.3	0.36	0	4.67	0.09	108.02	140.21	375.8
25.96	202.25	25.09	34.81	35.19	0.54	0	5.18	0	111.75	313.5	372.19
26.36	213.34	30.89	33.35	40.94	0.3	0	5.68	0	128.67	164.63	369.74
24.02	210.09	43.85	36.27	52.19	0.46	0	4.8	0	123.8	203.4	365.92
48.09	175.71	44.95	34.95	41.3	0.49	0	5.82	0	133.49	148.73	378.69
42.78	213.52	46.17	42.45	46.88	0.6	0	5.82	0	115.38	156.27	375.23
38.32	199.6	38.57	51.69	35.54	0.93	0	7.26	0	107.65	230.25	389.35
35.72	221.42	39.37	58.35	54.77	0.86	0	5.94	0	108.98	190.51	374.23
54.22	231.09	32.73	56.39	48.69	0.53	0	6.12	0	112.56	361.06	364.01
44.67	199.69	26.71	63.1	47.44	1.33	0	6.68	0.01	116.43	326.34	360.42
45.15	198.45	38.84	59.67	43.9	1.33	0	7.21	0	117.17	367.37	357.18
53.85	187.53	36.55	63.98	43.3	1.39	0	7.78	0	115.99	337.04	369.27
34.43	137.61	23.43	50.24	64.24	0.66	0	4.53	0.01	117.86	160.47	381.12
30.46	180.21	61.32	51.65	62.76	0.82	0	6.06	0	115.85	236.1	396.92



34.09	233.29	41.6	65.43	52.43	1.25	0	5.34	0	115.89	278.76	388.4
28.45	210.99	23.56	56.73	56.66	1.06	0	5.05	0	111.8	305.17	370.08
42.76	223.03	41.3	59.94	56.19	0.83	0	5.87	0	111.42	222.7	345.31
34.04	177.29	51.73	64.67	45.65	1.32	0	3.53	0.01	108.16	377.59	348.79
27.23	178.98	51.19	67.53	63.66	1.12	0	4.14	0	93.79	379.16	362.21
22.12	119.38	39.8	63.12	64.04	0.27	0	4.05	0	95.75	292.69	397.15
28.12	178.46	50.21	60.89	59.86	1.03	0	8.88	0.02	106.73	190.59	372.96
27.9	193.47	36.23	58.66	59.34	1.68	0	15.88	0.01	104.44	175.36	381.67
27.69	177.64	56.03	66.04	63.04	0.99	0	6.91	0.02	103.5	229.26	368.24
32.83	205.68	53.58	69.3	58.23	1.43	0	11.69	0.01	114.51	267.18	344.34
37.09	199.77	51.13	67.6	56.84	0.84	0	10.25	0.02	112.68	194.81	368.67
38.45	158.9	57.81	62.99	56.32	1.68	0	9.35	0.01	117.09	337.48	363.19
32.93	283.19	70.99	69.95	72.48	1.55	0	9.01	0.04	122.03	312.72	406.39
41.5	261.39	80.01	75.05	70.54	2.09	0	8.12	0.06	136.98	343.92	339.65
35.34	196.91	84.35	76.13	65.89	1.77	0	7.61	0.07	135.69	329.09	387.25
41.47	221.68	80.12	67.21	67.52	1.91	0	8.98	0.02	143.17	363.12	380.64
44.71	255.4	51.06	77.17	68.12	2.12	0	9.14	0.04	133.51	292.25	383.36
42.29	297.47	79.02	77.42	60.07	1.45	0	6.07	0.03	133.66	265.38	389.23
36.1	254.87	67.23	76.41	64.42	1.62	0	7.44	0.06	115.09	263.93	413.85
32.77	215.7	86.85	91.82	60.28	1.19	0	8.3	0.04	130.18	345.12	374.26
35.32	227.99	104.23	92.19	55.15	1.29	0	7.9	0.02	113.39	358.71	391.83
38.34	229.63	77.05	91.25	68.15	1.34	0	8.29	0.02	132.66	332.2	358.72
34.42	214.66	56.95	91.47	53.9	1.8	0	9.18	0.05	128.43	319.27	374.64
26.30137	110.0548	63.64384	77.20548	60.05479	1.232877	0	5.561644	0.054795	104.3014	261.3973	319.2877
27.58904	113.2603	66.32877	76.9863	61.56164	1.287671	0	6.90411	0.082192	102.4384	310.0274	301.1781
30.38356	113.863	71.06849	76.49315	51.34247	1.260274	0	6.821918	0.054795	102.1918	353.1233	321.3425
30.71233	114.5753	57.58904	76.90411	54.19178	1.287671	0	6.986301	0.054795	127.0411	285.6712	319.6164
162.56	437.75	252.3	18.05	48.71	0	0	1.38	0	61.28	173.86	392.08
157.96	398.46	224.96	13.72	41.01	0	0	0.87	0	55.08	141.19	428.03
156.78	451.85	211.15	8.21	25.4	0.01	0	1.02	0	58.21	149.21	475.57
138.95	450.67	191.89	6.97	12.1	0.03	0	1.41	0.01	57.72	146	512.01
133.13	464.73	183.85	7.59	19.4	0.02	0	1.11	0.01	52.85	142.29	530.83
130.29	469.13	186.51	10.13	25.7	0	0	0.98	0	54.22	152.3	534.19
116.76	519.83	164.22	9.99	21.09	0.02	0	1.66	0	55.81	192.6	498.49
115.61	538.77	165.6	8.02	15.92	0.04	0	1.26	0	57.09	209.25	493.83
114.92	590.13	180.17	10.05	23.28	0.07	0	1.5	0	56.88	236.89	461.63
121.97	573.59	219.32	12.38	17.17	0.07	0	1.77	0.01	71.18	323.49	443.32
124.76	627.47	233.04	15.23	25.4	0.09	0	1.78	0.01	81.16	368.08	397.91
128.29	670.68	254.87	17.33	25.14	0.16	0	2.67	0.01	77.95	404.29	393.17
134.32	642.04	282.27	21.94	26.74	0.18	0	2.51	0.01	91.92	420.13	358.96
140.41	708.53	304.25	27.92	26.02	0.17	0	2.7	0.02	93.41	439.66	302.64
144.61	719.85	304.29	38.59	27.02	0.23	0	2.85	0.01	85	419.86	312.37
152.09	701.72	309.85	36.76	24.89	0.27	0	3.21	0.03	88.66	420.85	309.29
155.56	735.12	298.95	34.29	24.09	0.22	0	4.75	0.07	86.76	456.32	302.67
156.43	748.68	318.08	32.55	23.81	0.31	0	6.44	0.07	81.95	474.22	294.24
157.33	783.18	318.21	38.55	19.37	0.24	0	6.99	0.08	72.71	508.25	312.95
162.32	778.07	296.48	43.99	23.07	0.23	0	8.47	0.07	78.16	542.23	258.67
151.07	781.93	307.7	52.64	22.7	0.35	0	9.77	0.09	78.7	551.08	239.14
149.67	795.73	305.05	50.36	20.05	0.32	0	14.85	0.09	78.4	540.36	252.9

142.6575	755.4247	296.4658	49.45205	32.90411	0.30137	0	6.109589	0.246575	80.9589	559.726	227.6164
140.5753	757.0959	296.1644	49.34247	34.35616	0.273973	0	5.342466	0.246575	82.76712	550.1918	260.1644
140.0274	751.2877	295.7808	46.82192	32.73973	0.273973	0	8.027397	0.246575	82.32877	532.5753	240.7123
142.6849	755.8904	282.1096	50.05479	30.10959	0.328767	0	7.835616	0.246575	75.0137	526.0548	261.3151
58.97	197.5	49.26	2.37	3.37	0.47	0	0.7	0	63.8	109.45	20.82
54.04	204.77	48.48	2.44	3.41	0.43	0	0.68	0	64.31	110.65	28.27
48.56	180.72	43.52	2.48	3.77	0.42	0	0.91	0.03	61.27	110.75	24.39
51.01	187.57	41.81	2.59	2.5	0.42	0	0.89	0.03	63.48	108.97	18.93
52.37	193.77	39.13	2.71	3.64	0.35	0	0.73	0.02	64.53	103.4	31.96
48.04	196	39.14	3.03	3.58	0.37	0	0.84	0.03	64.7	110.96	30.48
48.52	183.68	38.16	3.17	2.17	0.13	0	1.35	0.15	66.84	109.4	27.92
49.64	183.19	39.39	3.16	3.38	0.34	0	1.02	0.2	63.85	103.66	38.34
48.64	179.54	39	3.78	2.99	0.29	0	0.99	0.24	64.57	99.32	45.35
48.87	208.1	42.63	3.72	4.59	0.29	0	0.95	0.39	71.42	100.12	28.8
47.77	230.72	37.53	4.2	6.98	0.26	0	1	0.01	77.06	99.74	40.64
46.68	219.71	39.76	4.6	5.26	0.26	0	1.08	0	82.35	99.02	35.94
46.6	194.92	43.99	4.83	4.05	0.25	0	1.03	0.01	89.97	96.8	37.62
46.28	190.27	45.04	4.9	4.49	0.2	0	1.23	0.05	91.07	91.91	35.44
41.87	206.1	53.1	5.31	4.18	0.26	0	2.41	0	82.43	91.31	44.93
43.4	192.08	52.21	5.2	7.17	0.23	0	2.69	0	72.25	92.84	35.72
53.02	200.22	50.02	5.5	4.97	0.21	0	3.17	0	80.76	90.05	39.08
55	196.87	51.84	5.56	4.61	0.21	0	4.07	0	83.81	91.33	45.67
53.22	207.58	54.2	5.44	4.24	0.26	0	1.57	0.02	95.49	88.5	37.41
50.43	202	21.11	5.43	6.58	0.23	0	1.09	0.02	99.47	90.1	54.83
43.44	189	40.64	5.49	5.77	0.21	0	0.94	0.03	109.72	82.37	46.84
45.65	204.58	60.17	5.41	11.12	0.18	0	0.78	0.03	103.89	80.85	56.25
45.95	220.32	47.6	5.8	11.1	0.17	0	0.75	0	97.87	65.51	54.41
46.15	233.86	18.48	4.56	4.62	0.18	0	1.08	0.05	107.57	68.7	43.2
44.88	224.97	51.77	5.7	3.51	0.17	0	1.23	0.01	109.19	72.63	54.5
43.62	258.81	55.99	6.09	11.6	0.17	0	1.18	0	112.76	74.84	54.39
45	282.06	18.68	5.74	8.45	0.16	0	1.25	0	100.86	76	55.44
47.5	299.02	14.73	5.03	5.33	0.18	0	1.3	0.01	95.24	80.25	44.48
45.07	301.76	80.07	5.26	8.26	0.16	0	1.67	0.03	98.57	79.95	41.57
42.91	294.76	73.79	2.09	5.04	0.15	0	1.37	0.26	90.83	80.25	63.08
45.65	255.15	94.34	2.03	9.62	0.17	0	1.33	0.37	86.77	112.67	55.46
44.36	241.51	57.41	2.05	0.13	0.14	0	1.17	0.22	82.68	163.46	39.19
42.1	230.51	55.35	1.53	2.31	0.16	0	1.2	0.26	77.15	135.52	49.67
41.05	225.35	66.55	1.59	8.29	0.15	0	1.42	0.26	78.2	150.54	65.03
40.11	221.21	75.58	2	5.47	0.14	0	2	0.21	76.51	140.86	53.3
40.29	208.35	55.79	1.91	6.07	0.17	0	1.88	0.32	70.82	137.58	69.49
40.5	216.73	64.18	1.93	8.13	0.14	0	2.06	0.4	68.82	138.61	56.83
40.66	209.24	47.92	1.79	8.15	0.17	0	2.89	0.39	73.39	139.67	62.7
42.2	232.37	76.79	1.35	7.83	0.13	0	2.18	0.4	73.02	141.18	68.15
39.61	222.43	44.24	1.47	12.49	0.14	0	2.38	0.53	78.43	130.03	71.17
40.21	234.02	77.68	2.44	14.55	0.14	0	1.94	0.42	83.8	137.07	75.27
42.43	254.03	55.9	1.63	14.2	0.15	0	2.58	0.27	81.48	130.44	68.68
43.07	251.2	80.52	1.68	17.9	0.16	0	1.67	0.29	56.2	142.3	66.61
42.91	288.33	68.36	1.49	19.61	0.17	0	1.34	0.54	91.91	109.85	60.12
45.3	301.23	174.31	1.52	20.35	0.12	0	1.11	0.52	102.15	141.78	72.84

47.67	276.91	155.3	1.6	22.21	0.14	0	1.07	0.25	101.96	139.88	70.52
50.9	238.05	135.42	1.7	20.69	0.12	0	1.74	0.26	116.41	149.42	72.26
51.04	251.89	176.91	1.7	19.36	0.14	0	1.53	0.58	112.07	122.47	61.75
51.3	279.57	135.26	1.73	21.66	0.16	0	1.45	1.32	122.05	129.96	67.88
48.51	276.76	157.51	1.82	22.35	0.11	0	2.71	1.08	124.42	159.3	87.8
47.16	275.56	131.14	1.66	28.17	0.24	0	3.23	0.6	100.14	126.4	93.35
42.65	270.84	158.68	1.61	32.82	0.23	0	3.6	0.5	128.31	134.37	93.87
42.39	261.78	114.13	1.29	35.46	0.24	0	4.05	0.54	127.06	146.55	94.94
41.56164	226.8219	95.72603	1.561644	52.87671	0.356164	0	3.013699	0.438356	47.0411	143.3973	102.4384
44.54795	226.137	101.1233	1.671233	51.15068	0.328767	0	2.986301	0.684932	45.61644	135.2055	100.6849
43.75342	247.7808	100.1096	1.69863	47.64384	0.273973	0	2.657534	0.328767	43.45205	133.9178	102.8767
47.15068	223.8356	100.0822	1.835616	55.15068	0.246575	0	3.013699	0.273973	45.56164	115.7534	100.1096
48.55	0	0	7.57	33.52	0	0	9.67	0	56.7	620.55	130.05
67.46	0	0	7.67	31.31	0	0	9.39	0	77.71	616.44	127.85
67.31	0	0	7.61	38.81	0	0	9.51	0	63.88	607.76	153.79
74.68	0	0	7.7	25.03	0	0	9.26	0	58.78	587.12	190.67
69.54	0	0	7.64	64.31	0	0	9.01	0	67.54	575.13	128.37
54.63	0	0	7.73	83.74	0	0	9.13	0	65.23	577.31	145.38
62.67	0	0	7.74	91.03	0	0	8.9	0	79.07	607.19	140.03
61.45	0	0	7.76	58.58	0	0	8.48	0	86.8	629.87	150.76
52.5	19.4	0	7.84	54.09	0	0	8.6	0	95.08	629.75	146.01
55.8	19.1	0	7.97	43.03	0	0	8.41	0	97.4	627.65	190.78
55.38	24.08	0	8.1	78.84	0	0	8.22	0	86.88	657.36	167.09
59.54	23.82	0	8.34	83.09	0	0	8.04	0	95.91	660.4	163.13
57.92	30.9	0	11.54	114.37	1.05	0	8.45	0	75.66	685.39	158.44
55.14	32.17	0	12.12	120.72	0.23	0	8.16	0	81.13	686.94	137.48
54.42	26.12	2.45	11.47	79	0.29	0	8.13	0	103.63	696.1	157.74
58.68	28.76	2.46	11.18	108.64	0.11	0	8.11	0	54.19	688.52	129.01
65	24.35	1.83	11.01	97.61	0.21	0	7.66	0	68.12	655.91	105.9
57.04	29.91	2.16	11.49	106.22	0.11	0	7.64	0	80.42	643.64	106.93
58.85	35.2	2.95	12.72	120.75	0.26	0	7.5	0	105.72	630.87	136.73
56.22	30.96	3.59	10.61	35.37	0.2	0	7.6	0	91.13	578.87	282.94
46.36	50.27	1.57	11.06	123.92	0.24	0	7.34	0	84.45	565	153.17
46.71	39.41	2.26	10.86	124.54	0.19	0	7.21	0	95.55	590.84	145.69
44.71	23.73	1.72	11.14	120.36	0.37	0	6.85	0	73.08	573.56	141.57
44.49	28.12	1.83	12.15	100.37	0.23	0	6.74	0	69.46	565.1	143.42
41.52	27.29	1.72	11.67	105.04	0.13	0	6.52	0	88.73	540.12	141.91
37.11	18.45	2.1	12.84	110.36	0.13	0	6.64	0	87.14	519.44	145.89
44.04	35.2	1.74	13.45	115.11	0.21	0	6.95	0	81.37	498.86	139.95
40.03	27.58	1.65	12.49	130.9	0.2	0	7.55	0	83.62	425.34	155.13
49.53	28.85	0.87	12.55	152.95	0.2	0	7.44	0	80.28	395.64	117.4
36.17	33.08	1.85	12.81	148.83	0.12	0	8.89	0	81.67	449.22	133.81
41.4	33.45	1.75	15.91	149.43	0.23	0	10.52	0	102.03	444.15	140.71
41.96	35.06	2.33	16.21	150.23	0.23	0	6.38	0	95.26	433.1	137.73
39.09	36.64	1.11	18.51	142.54	0.22	0	6.29	0	98.64	473.02	157.32
40.44	37.48	1.86	18.63	173.95	0.33	0	7.85	0	97.82	440.81	73.35
48.48	48.76	1.9	27.45	150.14	0.29	0	5.57	0.52	98.06	399.45	91.12
43.48	55.7	2.77	31.41	123.24	0.18	0	6.55	0.71	99.18	431.25	147.01
42.31	33.54	7.14	29.86	133.39	0.49	0	7.58	0.87	108.3	429.71	142.26

41.07	61.55	8.5	36.33	123.29	0.17	0	9.33	1.14	112.66	438.99	169.73
38.71	62.86	7.44	37.33	126.84	0.34	0	6.85	1.13	118.2	457.58	155.93
44.73	49.49	4.24	36.12	115.53	0.33	0	7.87	1.43	116.22	438.39	168.03
50.55	42.24	3.86	42.67	97.85	0.16	0	6.93	0.65	123.29	437.39	212.99
49.88	50.19	5.33	44.14	127.43	0.1	0	6.04	2.13	126.39	448.87	153.62
56.5	28.91	4.23	49.78	134.03	0.03	0	8.5	0.79	128.5	426.76	156.08
54.38	26.19	3.85	50.26	127.58	0.12	0	7.85	0.85	126.57	446.81	156.29
50.83	35.34	4.19	65.51	125.51	2.59	0	7.79	2.73	125.32	445.08	161.03
50.96	33.17	5.67	61.3	142.6	0.45	0	7.43	1.3	125.77	484.71	134.54
50.76	34.91	14.04	59.18	139.88	0.77	0	7.87	1.72	123.77	461.95	133.51
45.82	51.92	12.16	48.65	131.2	0.75	0	7.84	1.49	131.34	476.12	143.6
35.09	97.58	1.4	44.85	116.07	0.94	0	7.35	2.12	125.07	474.72	171.26
37.55	61.42	1.79	40.78	145.37	0.59	0	6.99	0.55	123.07	476.34	158.63
45.11	69.3	1.19	42.74	165.57	0.58	0	6.92	1.55	127.19	423.61	144.91
46.32	68.05	0.97	39.96	176.45	0.14	0	7.08	1	123.76	417.63	139.58
46.28	30.72	1.2	43.53	180.14	0.13	0	7.31	1.67	121.83	441.77	133.26
37.12329	6.465753	0.931507	39.0137	194.4384	0.219178	0	6.767123	4.027397	147.4521	407.2603	81.50685
34.52055	7.726027	0.547945	42.54795	193.0959	0.328767	0	6.767123	4.082192	138.6849	407.9726	102.8219
35.61644	8.90411	0.136986	50.87671	193.9726	0.328767	0	6.739726	4.136986	146.5479	404.411	89.20548
34	5.369863	0.219178	49.26027	192	0.219178	0	6.712329	4.136986	142.3288	388.6575	92.41096
123.74	323.68	39.7	29.72	69.28	4.18	0	0.46	0	95.36	371.02	269.66
110.47	304.03	34.96	28.46	74.1	3.68	0	0.57	0	93.87	369.26	298.04
108.29	297.42	33.26	26.39	73.64	3.08	0	0.55	0	90.21	358.94	270.26
105.59	343.49	31.5	26.06	71.83	3.05	0	0.95	0	85.04	359.93	308.79
120.14	339.61	31.31	26.65	67.54	2.81	0	1.43	0	85.52	410.31	287.12
107.92	325.22	33.51	25.3	83.45	3.67	0	1.84	0	96.5	420.77	274.23
88.63	365.47	41.38	34.05	93.2	3.96	0	2.61	0	83.11	446.28	268.81
86.21	393.76	37.87	38.46	98.83	5.42	0	2.15	0	93.15	405.05	254.35
81.05	365.7	39.5	35.77	106.42	3.82	0	7.36	0	100.63	391.57	244.42
78.99	376.37	36.42	32.68	109.99	4.78	0	7.57	0	102.27	387.07	241.83
75.94	365.42	39.64	31.72	107.43	3.96	0	8.11	0	106.79	378.74	225.2
81.82	372.42	39.51	44.11	110.81	4.84	0	8.48	0	111.23	362.49	221.97
80.25	351.38	39.52	40.18	108.39	3.79	0	8.42	0	108.2	374.31	216.35
71.52	369.21	36.9	48.55	110.01	4.29	0	9	0	113.6	378.31	214.17
78.97	407.33	37.73	45.52	108.25	5.56	0	7.28	0	113.39	356.96	208.41
76.17	463.98	35.43	63.8	110.49	6.53	0	8.61	0	118.43	375.55	212.74
86.04	448.5	49.47	78.67	113.35	7.29	0	7.32	0	128.33	368.97	219.75
91.13	483.24	40.73	75.29	115.78	9.43	0	7.64	0	133.01	411.69	221.11
106.22	506.94	47.45	72.35	120.08	9.81	0	7.16	0	132.6	410.6	218.3
100.97	509.47	45.23	77.29	124.13	7.08	0	7.22	0	123.14	453.07	212.5
108.09	503.11	58.55	69.56	125.77	6.42	0	6.86	0	118.96	463.53	221.97
117.44	491.43	50.05	100.83	121	11.2	0	6.77	0	125.33	486.35	206.69
106.74	470.49	52.38	97.85	125.92	6.54	0	6.62	0	124.52	517.58	212.5
101.12	484.15	54.07	94.74	125.81	6.64	0	6.26	0	121.7	516.74	206.1
93.32	471.8	51.9	80.3	130.16	6.58	0	6.18	0	114.77	530.53	209.52
98.7	476.91	52.29	99.32	132.08	5.51	0	5.65	0	112.52	544.41	205.14
101.59	459.97	46.57	98.66	135.66	5.07	0	5.18	0	112.01	558.02	215.74
103.06	439.99	54.61	92.55	139.15	7.18	0	10.63	0	103.36	541.28	214.43
102.47	426.81	58.04	96.86	141.08	6.6	0	11.35	0	103.08	549.14	222.22

49.22	284.68	30.71	57.59	111.21	4.35	0	9.4	0	79.12	325.78	200.33
21.94	177.97	2.13	24.85	131.96	1.08	0	1.7	0	69.13	84.46	209.56
58.27	268.28	50.28	63.84	114.32	5.61	0	7.49	0	74.11	340.84	181.82
81.45	389.66	62.95	73.28	117.08	6.37	0	8.68	0	85.53	427.75	182.25
108.67	473.76	72.85	89.96	126.27	7.11	0	10.46	0	102.65	481.26	219.82
110.24	525.13	72.16	103.66	137.53	8.83	0	10.24	0	112.86	520.9	226.67
112.26	543.88	92.94	105.56	138.85	8.69	0	11.4	0	113.19	532.03	229.08
122.42	523.82	89.73	106.99	138.48	8.48	0	11.35	0	117.05	548.56	224.67
116.37	511.25	76.24	109.75	133.58	9.32	0	10.89	0	117.83	620.59	241.98
101	510.2	81.11	111.54	148.08	8.35	0	9.62	0	113.19	595.72	243.69
96.09	496.41	102.04	135.81	144.74	8.01	0	11.37	0.06	110.59	576.84	239.34
84.25	563.46	121.52	157.84	153.02	7.57	0	10.02	0.02	100.03	551.88	236.47
93.27	418.33	39.43	125.07	155.59	6.15	0	8.08	0	118.73	485.18	268.17
110.32	378.51	58.02	150.22	145.45	6.68	0	10.13	0	126.87	467.93	281.77
107.1	312.87	68.57	194.32	148.46	5.72	0	7.96	0	117.55	504.06	290.52
116.2	381.07	39.55	231.76	152.75	8.59	0	11.26	0	112.24	492	277.81
104.97	423.71	71.11	169.13	149.87	8.74	0	11.12	0	108.31	661.02	271.5
104.33	386.69	75.56	193.88	145	10.04	0	11	0.24	109.9	583.64	278.02
96.55	372.8	88.64	207.19	151.46	7.69	0	11.16	0.14	106.55	450.99	266.99
93.37	392.22	97.94	240.61	160.46	6.24	0	12	0.03	106.59	451.48	248.23
80.49	406.51	99.19	205.84	168.71	6.71	0	16.72	0.2	98.37	412.78	255.22
74.01	381.65	107.7	180.8	176.42	7.92	0	16.75	0.22	96.67	457.2	268.26
75.63	359.66	110.76	160.13	174.07	7.04	0	13.89	0.2	106.87	395.89	260.42
91.53	439.99	178.28	146.89	120.09	10.09	0	18.55	0.17	107.8	612.9	265.1
70.60274	81.64384	134.9315	126.1096	130.6849	7.835616	0	8.547945	0.465753	105.0411	519.5342	271.0685
70.35616	118.4384	137.0685	128.5205	145.5068	7.69863	0	8.30137	0.547945	112.0548	469.8356	255.6164
66.57534	121.2055	112.3562	127.8356	138.2192	7.671233	0	8.136986	0.493151	106.7397	468.137	272.3836
64.57534	131.1507	120.9315	126.7123	142.3836	6.794521	0	9.534247	0.547945	110.9863	490.8493	273.5616
115.92	458.91	186.32	13.59	4.78	0.12	0	3.98	0	73.21	206.94	465.5
118.77	443.41	161.64	5.65	4.61	0.13	0	4.46	0	43.09	137.82	464.87
116.72	466.74	158.91	4.34	3.88	0.11	0	4.83	0	47.26	143.44	463.08
109.65	475.76	186.33	1.89	4.14	0.12	0	4.88	0	41.18	135.23	497.57
112.03	496.3	191.76	2.06	5.36	0.13	0	4.04	0	43.92	173.76	502.03
112.97	493.96	239.75	3.53	5.53	0.12	0	3.48	0	49.9	179.81	532.55
114.34	506.5	266.3	5.89	6.76	0.15	0	3.53	0.01	78.59	248.87	403.72
111.02	533.56	270.2	2.99	7.44	0.12	0	3.67	0	74.24	326.32	434.58
109.56	543.49	299.4	3.66	8.01	0.17	0	1.86	0.01	37.13	354.71	413.47
112.57	555.26	336.75	3.65	6.41	0.2	0	2.38	0	34.12	389.63	369.32
111.35	560.21	335.36	4.44	9.24	0.09	0	2.31	0	38.92	298.76	372.18
103.81	551.3	392.44	6.39	10.46	0.21	0	3.12	0	39.85	363.45	396.67
103.65	552.96	402.83	7.05	7.2	0.18	0	3.55	0	56.63	363.03	396.91
97.54	559.21	404.83	9.35	8.62	0.35	0	4.26	0	62.93	363.28	374.73
94.44	499.53	276.58	8.99	24.29	0.23	0	4.13	0	70.49	410.87	341.47
89.75	517.07	269.49	10.86	22.6	0.33	0	4.24	0.05	68.05	408.03	347.6
88.72	507.98	269.41	14.5	26.92	0.26	0	5.1	0.02	69.99	405.52	323.29
93.49	543.17	275.96	17.48	24.26	0.19	0	5.93	0.02	68.89	420.43	344.51
87.81	552.64	265.46	22.5	17.18	0.29	0	5.2	0.02	69.8	417.37	375.56
92.48	571.28	268.81	17.69	13.6	0.32	0	5.27	0.01	73.38	403.86	375.64
91.08	572.85	269.78	14.4	20.38	0.31	0	5.28	0.02	71.84	415.25	359.43

90.58	578.94	271.97	6.33	20.03	0.33	0	5.52	0.03	86.3	414.82	353.68
96.93151	560.274	262.2192	10.0274	24.0274	0.356164	0	5.205479	0.054795	146.7671	414.6027	371.4247
87.89041	564.3836	261.2603	10.13699	22.93151	0.356164	0	5.342466	0.054795	142.8219	473.9452	356.4658
87.47945	572.2466	260.3014	11.75342	21.94521	0.356164	0	6.90411	0.054795	143.6438	506.8767	352.1096
86.60274	575.6712	258.9589	8.493151	22.30137	0.383562	0	6.465753	0.054795	144.9589	505.6438	348.0274
46.23	101.42	34	2.78	60.28	0.6	0	2.69	0.1	17.36	127.3	106.42
45.2	99.68	31.96	2.82	60.51	0.62	0	2.88	0.12	18.89	129.19	102.94
45.36	104.01	33.04	2.84	60	0.6	0	2.75	0.07	19.36	130.05	93.26
45.21	103.26	30.19	2.91	62.6	0.61	0	2.64	0.07	20.35	130.09	101.44
45.61	106.17	33.85	2.98	61.65	0.63	0	2.62	0.08	22.52	131.78	103.64
47.61	105.62	33.45	3.16	60.09	0.67	0	2.8	0.07	23.97	131.86	96.48
48.15	107.77	34.72	3.31	62.72	0.57	0	1.91	0.07	23.82	134	103.5
49.4	106.84	34.79	3.31	63.53	0.55	0	2.32	0.24	25.28	135.93	102.39
48.53	109.29	36.86	3.55	63.1	0.57	0	2.26	0.15	23.95	128.38	103.35
48.48	105.87	36.35	3.61	62.51	0.6	0	2.35	0.26	26.02	129.5	95.42
47.7	103.57	37.61	3.6	62.25	0.58	0	2.98	0.24	26.78	129.42	100.1
47.33	100.02	37.46	3.65	61.96	0.6	0	2.95	0.36	25.6	120.64	104.29
44.89	100.87	41.28	3.66	63.12	0.51	0	2.93	0.27	25.66	117.26	104.35
44.19	101.96	40.92	3.71	62.27	0.49	0	3.06	0.26	23.13	121.47	106.62
44.54	103.28	43.09	4.03	61.37	0.43	0	3.46	0.32	22.39	123.71	106.3
46	104.81	49.92	4.2	63.59	0.42	0	3.36	0.4	27.04	129.23	107.97
47.73	103.17	38.51	4.31	64.52	0.43	0	2.98	0.45	27.8	122.25	100.04
48.4	108.23	41.96	4.18	63.77	0.45	0	2.88	0.45	26.85	123.25	107.18
48.01	107.76	37.75	4.14	61.67	0.46	0	2.38	0.42	28.39	126.64	106.24
49.58	108.93	38.73	4.18	63.17	0.47	0	2.65	0.42	30.21	123.45	96.08
50.51	106.93	41.07	4.07	61.5	0.51	0	2.64	0.5	30.38	123.21	96.11
50.79	105.47	41.12	4.05	60.14	0.44	0	3.35	0.57	34.01	126.24	94.76
49.94	106.86	34.93	4.1	62.88	0.45	0	3.13	0.47	37.04	124.19	96.97
48.02	100.32	38.46	4.03	66.9	0.54	0	2.89	0.52	35.26	125.63	89.9
46.5	96.08	41.82	4.08	68.92	0.56	0	3.68	0.56	32.71	126.12	85.85
45.39	89.41	38.16	4.28	66.3	0.84	0	3.93	0.53	36.26	127.7	79.41
45.82	88.06	39.63	4.29	68.17	0.9	0	3.78	0.46	34.9	132.59	91.53
46.77	86.75	40.55	4.54	69.79	1	0	4.17	0.63	37.55	130.55	82.1
46.97	86.39	40.33	4.68	71.78	1.13	0	4.22	0.66	40.71	134.49	80.41
49.27	94.24	39.76	4.91	65.65	1.2	0	4.57	0.85	39.9	134.29	74.07
50.96	93.86	42.94	5.01	66.18	1.29	0	4.39	0.77	37.68	130.26	73.15
63.17	185.82	70.02	7.35	54.59	0.94	0	4.06	0.43	42.78	184.26	190.79
53.03	152.56	56.87	5.42	43.43	0.85	0	3.79	0.33	34.28	182.39	165.97
52.67	156.25	54.79	5.43	42.75	0.85	0	3.74	0.26	37.38	184.12	167.95
51.34	152.58	52.13	5.38	42.94	0.98	0	3.71	0.27	36.68	182.36	165.39
50.77	151.55	53.39	5.37	44.33	0.98	0	3.61	0.33	36.88	179.54	165.35
50.88	153.23	58.16	5.54	45.83	1.04	0	3.84	0.33	37.67	173.97	166.82
50.64	156.99	59.79	5.94	45.58	1.16	0	3.67	0.43	39.58	180.36	159.72
48.71	158.81	62.71	5.73	44.78	1.1	0	3.68	0.5	39.57	187.68	161.05
47.68	154	65.44	5.61	45.13	0.98	0	3.54	0.67	39.29	193.26	160.73
47.51	147.7	72.57	5.88	44.4	1.14	0	3.94	0.64	39.16	203.95	158.75
49	169.84	72.01	6.18	46.17	1.11	0	3.98	0.64	39.35	210.1	157.57
49.1	172.38	79.34	6.53	45.75	1.22	0	4.28	0.67	38.23	220.6	161.81
49.63	170.11	81.07	6.98	45.91	1.22	0	4.21	0.42	37.99	219.78	160.83

50.1	172.48	81.25	7.78	45.23	1.11	0	4.04	0.94	38.66	227.01	163.54
50.61	172.75	83.14	8.13	46.44	1.01	0	3.8	0.68	42.44	234.54	162.18
51.7	175.54	82.2	8.52	44.48	1.04	0	3.78	1	43.72	235.92	161.93
52.11	179.12	79.33	9.03	44.14	1.26	0	4.2	1.31	41.84	236.49	162.68
51.49	178.46	83.44	9.16	45.47	1.24	0	5.06	1.32	38.63	246.85	165.77
51.79	187.31	83.3	10.32	45.11	1.15	0	5.51	1.38	39.86	255.88	161.98
52.76	181.76	81.88	10.63	45.53	1.37	0	5.17	1.41	39.43	263.4	159.08
52.3	183.47	84.73	10.69	45.57	1.23	0	4.9	1.62	41.21	269.82	158.19
52.09	184.51	85.58	10.52	45.7	1.13	0	5	1.54	41.54	270.24	157.02
49.67123	190.1918	73.64384	10.46575	68.76712	1.232877	0	4.493151	1.39726	49.72603	282.7123	155.0411
50.60274	191.6712	72.32877	10.43836	66.19178	1.205479	0	4.493151	1.506849	47.23288	293.7534	154.8767
50.27397	189.3425	72.13699	10.24658	67.75342	1.260274	0	4.520548	1.534247	46.10959	298	156.3014
50.65753	188.2192	72.05479	10.82192	70.49315	1.39726	0	4.328767	1.452055	46.32877	282.3288	156.8493
21.41	5	11.13	5.68	499.38	0.94	0	0	1.76	6.3	64.94	2.8
21.34	4.67	12	6.31	488.23	1	0	0	1.67	7.08	63.67	2.98
20.88	4.72	12.79	6.14	498.3	0.93	0	0	1.71	6.75	62.57	4.93
24.29	2.83	12.41	7.56	505.92	1.05	0	0	1.7	10.49	60.73	3
26.35	3.95	13.52	8.15	499.69	1.11	0	0.01	1.66	10.16	57.8	5.18
27.28	3.01	13.21	9.49	508.41	1.11	0	0	1.67	9.51	56.87	3.83
29.1	3.3	12.91	10.56	504.52	1.11	0	0.01	1.68	9.64	55.27	3.44
27.11	4.75	12.36	10.69	499.29	1.03	0	0.01	1.69	11.14	54.04	4.62
23.73	5.38	13	10.13	486.43	1.2	0	0.01	1.65	11.4	49.63	2.16
25.97	6.39	13.58	9.4	496.54	0.94	0	0.01	1.7	10.64	48.74	4.34
23.19	5.68	13.21	8.33	498.65	1.14	0	0	1.63	10.17	47.63	4.85
22.76	3.87	13.74	6.58	495.12	1.13	0	0	1.63	8.46	46.3	5.8
21.19	2.47	13.36	4.94	496.43	1.1	0	0	1.59	8.14	40.19	4.64
18.19	2.67	12.72	4.48	492.13	1.03	0	0	1.57	7.18	39.37	2.2
18.25	1.02	7.7	3.77	490.97	0.64	0	0	1.38	7.85	38.18	1.2
21.13	1.04	13.81	3.17	485.51	0.8	0	0	0.68	14.28	34.43	1.23
18.37	1.06	14.82	3.13	498.84	0.74	0	0	1.76	16.09	37.37	3.77
17.57	15.4	19.06	3.32	464.86	0.95	0	0	1.3	17.06	41.35	19.49
20.4	13.05	20.94	3.47	447.5	1.03	0	0	1.22	20.11	45.18	17.83
25.29	11.86	22.82	3.42	444.26	1.09	0	0	1.25	16.47	45.52	17.56
26.55	1.23	22.99	3.95	437.47	1.16	0	0	1.45	18.07	40.08	11.48
26.54	1.24	26.16	4.04	444.22	1.21	0	0	1.53	17.39	39.5	10.09
27.2	1.27	22.66	4.52	435.93	1.26	0	0	1.25	20.41	38.63	12.02
28.25	1.31	20.17	4.75	430.88	1.26	0	0	1.25	33.99	37.69	5.32
25.63	1.34	20.11	4.2	449.53	1.26	0	0	0.69	43.21	34.12	3.1
28.91	1.47	20.38	4.03	454.5	1.42	0	0	1.08	41.83	29.19	0.6
28.19	1.56	15.32	4.84	456.17	1.24	0	0.44	1.19	62.04	31.09	0.98
26.37	1.54	13.09	4.13	422.37	0.97	0	0.34	1.37	58.25	48.19	1.05
27.76	3.05	14.35	4.76	435.84	1.07	0	0.53	1.48	68.59	45.38	1.29
28.28	2.32	15.32	4.48	438.45	0.94	0	1.18	1.22	52.6	42.31	1.61
28.62	4.25	16.11	4.64	448.05	1.04	0	1.49	1.55	45.72	36.71	2.34
29.17	6.83	16.77	4.82	445.65	1.05	0	2.72	1.41	49.09	50.15	3.18
30.5	4.79	15.85	5.3	450.01	1.25	0	2.5	1.2	47.5	76.42	3.42
31.02	12.95	14.44	5.49	442.9	1.2	0	2.65	1.55	38.08	92.45	4.15
36.3	12.16	13.52	5.7	445.82	1.13	0	2.95	1.22	37.17	41.36	5.46
35.67	11.06	13.41	5.9	446.25	1.1	0	2.79	0.8	45.98	50.1	6.25

36.64	11.14	12.77	5.94	441.4	1.25	0	2.85	0.56	48.23	55.09	7.13
37.15	7.79	13.78	5.95	436.5	1.19	0	2.27	1.02	78.38	65.58	4.75
40.21	9.81	13.17	5.62	436.14	1.24	0	2.11	1.36	80.1	119.93	4.27
35.05	8.94	13.89	6.07	437.36	1.37	0	2.06	1.24	84.72	308.23	3.45
36.89	11.06	14.16	6.68	437.99	1.24	0	1.48	0.68	91.21	300.1	4.48
38.17	11.02	14.62	6.58	438.21	1.25	0	1.77	0.67	94.15	428.76	4.4
40.81	9.94	14.93	8.7	440.59	1.27	0	1.04	1.71	90.82	348.78	4.09
41.04	10.7	14.73	9.34	443.01	1.19	0	2.23	1.02	91.43	330.65	4.84
42	10.83	14.75	9.34	447.24	1.27	0	2.58	2.36	83.49	360.28	5.85
43.69	9.71	14.07	9.54	449.35	1.31	0	2.49	2.5	90.19	321.45	6.26
44.93	10.09	13.81	9.25	435.19	1.4	0	2.49	2.14	93.73	354.78	4.19
46.95	6.51	13.92	9.31	437.31	1.69	0	2.77	2.13	94.95	267.03	3.79
48.31	6.55	13.57	9.64	439.65	1.88	0	2.99	3.82	87.31	346.3	4.58
49.78	8.05	15.34	10.24	442.77	1.83	0	3.21	2.2	80.56	422.13	4.98
48.58	8.31	10.38	10.69	444.56	1.67	0	3.51	2.61	87.25	527.64	5.26
50.22	8.36	11.84	11.12	433.53	1.65	0	3.54	1.18	87.52	414.87	5.04
50.98	8.1	9.29	11.53	435.9	1.67	0	4.12	2.53	86.64	581.59	5.19
63.0411	7.589041	11.36986	13.34247	676.9589	1.589041	0	4.164384	3.561644	177.3699	671.8904	6.328767
65.89041	7.479452	11.61644	14.08219	700.3836	1.808219	0	4.328767	3.260274	170.3562	728.274	7.232877
62.27397	7.753425	11.86301	14.93151	743.7534	1.452055	0	4.657534	3.150685	173.4795	720.2192	7.09589
61.09589	7.945205	3.369863	29.89041	732.7123	1.205479	0	4.657534	2.630137	147.8356	572	14.05479
174.91	691.27	350.99	22.73	0.44	0.01	0	0	0	110.3	226.4	319
184.78	701.35	359.45	13.76	0.31	0.03	0	0.83	0	121.84	219.54	298.29
165.21	663.97	364.42	13.99	3.33	0.24	0	2.1	0.01	120.97	224.36	254.54
152.19	694.4	320.25	13.12	3.1	0.49	0	1.68	0	79.48	191.17	241.67
99.06	662.59	461.98	14.67	4.91	0.77	0	2.12	0.01	114.62	270.98	219.58
92.19	627.4	437.17	19.28	6.19	1.14	0	1.93	0.02	100.84	214.68	239.86
86.3	570.19	400.68	24.03	6.99	1.11	0	2.2	0.02	96.96	196.46	229.25
84.22	570.65	395.04	20.25	7.4	1.14	0	2.13	0.03	87.06	219.64	234.78
84.15	588.9	324.87	28.3	6.86	1.43	0	3.2	0.03	92.78	196.25	201.25
87.44	543.02	259.2	32.69	7.03	1.66	0	4.87	0.02	116.53	264.67	206.31
94.72	607.35	337.94	43.02	9.14	1.59	0	4.78	0.03	110.16	260.43	169.78
110.08	630.64	349.59	45.52	6.5	1.55	0	5.81	0.04	96.35	309.23	179.64
112.66	590.56	344.33	51.75	6.24	1.09	0	7.25	0.03	100.66	298.64	171.48
122.11	571.34	334.19	54.29	5.67	0.68	0	5.53	0.04	105.53	295.57	161.06
127.78	614.34	315.99	58.26	5.37	0.91	0	7.41	0.08	88.19	287.39	173.37
136.69	604.44	269.73	59.22	7.85	1.2	0	7.77	0.08	80.16	288.56	175.03
144.07	664.94	288.85	61.2	6.61	1.45	0	6.54	0.08	96.42	290.28	177.13
138.27	673.33	368.48	57.27	5.67	1.05	0	6.48	0.08	90.8	288.5	173.62
139.19	659.1	318.56	58.93	6.05	1.41	0	8.89	0.09	98.27	292.36	178.07
151.46	631.6	306.79	56.98	10.32	1.09	0	8.08	0.09	102.82	307.94	191.05
137.65	570.37	333.77	56.35	5.5	1.12	0	9.69	0.11	109.34	300.34	174.12
128.17	532.14	319.24	56.25	6.06	1.02	0	8.97	0.11	116.74	309.78	197.61
122.7945	529.5068	314.0822	56.57534	6.794521	0.958904	0	4.246575	0.30137	155.4521	347.4521	189.1507
131.8904	583.1781	316.3836	55.67123	6.109589	0.986301	0	3.890411	0.30137	143.863	363.2329	185.589
136.7397	594.3288	316.137	55.75342	6.520548	0.767123	0	4.027397	0.30137	132.8493	365.3973	186.8767
139.726	666.7671	339.0411	57.23288	7.561644	0.575342	0	4.273973	0.328767	134.7671	319.0685	181.4521
28.44	70.79	13.11	2.46	181.07	1.92	0	3.05	0.11	25.09	123.85	44.71
28.49	70.59	12.32	2.54	180.86	1.64	0	2.97	0.13	26.66	127.65	42.91



28.57	72.18	13.38	2.59	183.32	1.49	0	3.19	0.14	26.7	126.36	43.16
28.75	72.57	11.93	2.68	183.08	1.43	0	2.95	0.14	27.52	125.46	45.69
28.62	73.67	13.41	2.79	182.92	1.06	0	2.8	0.14	29.09	120.41	45.9
29.5	71.84	14.26	2.98	177.71	1.04	0	2.47	0.15	31.77	117.67	45.09
30.05	72.7	15.73	3.13	169.39	1.04	0	2.27	0.15	32.66	123.16	47.37
30.32	71.28	15.87	3.17	178.75	0.91	0	2.39	0.2	32.69	124.54	45
29.89	71.52	16.89	3.33	177.38	1.17	0	2.76	0.17	32.24	122.73	49.82
29.7	70.28	16.93	3.48	182.61	1.15	0	2.96	0.21	32.43	123.93	50.5
28.55	68.23	17.57	3.44	173.15	1.1	0	3.37	0.21	32.09	123.36	51.87
27.68	65.15	16.67	3.37	163.26	0.98	0	2.58	0.25	30.12	117.69	54.48
27.02	67.18	17.75	3.31	162.72	0.93	0	2.81	0.25	30.58	117.54	63.64
26.7	66.55	17.2	3.22	171.75	0.87	0	2.73	0.23	29.24	118.58	58.49
27.19	66.7	18.18	3.27	162.62	0.87	0	2.51	0.24	27.35	119.34	58.82
27.26	68.94	21.63	3.32	174.2	0.79	0	2.55	0.27	29.62	123.73	53.77
27.56	70.98	17.57	3.44	169.57	0.77	0	2.43	0.27	29.77	121.6	48.58
28.69	77.17	20.24	3.83	172.32	0.79	0	2.34	0.26	29.23	127.15	58.24
28.24	77.53	19.68	4.04	177.11	0.8	0	2.38	0.23	29.95	128.97	57.29
27.69	77.38	20.09	3.74	170.87	0.78	0	2.3	0.19	29.97	125.58	63.05
27.98	82.13	20.65	4.04	172.6	0.75	0	2.28	0.28	30	125.88	58.6
27.85	80.99	21.68	4.12	173.22	0.77	0	2.44	0.26	31.33	127.89	61.04
27.2	82.85	22.38	4.12	174	0.7	0	2.52	0.19	30.85	129.86	62.57
26.78	75.98	21.94	4.22	173.44	0.71	0	2.38	0.17	30.52	124.31	61.17
26.75	84.06	22.88	4.38	169.45	0.74	0	2.54	0.23	29.02	126.55	66.77
26.85	79.8	21.26	4.44	175.79	0.83	0	2.61	0.2	30.65	129.31	57.34
25.73	76.04	20.49	4.35	178.07	0.86	0	2.35	0.21	30.25	129.83	64.81
25.77	75.28	21.63	4.57	174.11	0.92	0	2.25	0.24	29.94	130.83	66.22
26.04	73.4	21.38	4.1	173.07	0.96	0	2.24	0.35	30.24	128.5	64.47
25.78	75.62	21.29	3.97	183.13	0.99	0	2.42	0.5	30.03	128.23	57.41
25.66	75.45	22.82	4	183.33	0.97	0	2.47	0.34	29.08	125.76	59.9
25.66	73.99	22.98	4.14	179.17	1.02	0	2.57	0.36	29.18	129.34	61.14
24.7	75.4	22.96	4.14	178.58	1.06	0	2.38	0.2	28.98	132.15	57.15
24.69	74.99	22.37	4.05	177.15	1.04	0	2.36	0.16	30.7	132.05	58.76
25.4	76.46	22.6	4.11	178.26	1.14	0	2.49	0.31	30.57	132.82	60.81
25.79	77.22	23.73	4.13	178.03	1.08	0	2.53	0.21	30.95	135.05	62.95
26.5	77.78	25.42	4.37	174.64	1.1	0	2.74	0.22	32.61	134.46	66.28
27.02	78.53	26.05	4.57	177.08	1.15	0	2.75	0.3	32.27	134.05	65.91
27.4	82.14	32.75	4.82	182.72	1.1	0	2.52	0.43	32.73	136.33	69.72
27.2	80.84	34.66	5.41	184.48	1.15	0	2.53	0.56	33.12	137.95	68.08
26.9	80.13	38.23	5.61	188.53	1.2	0	2.78	0.51	34.92	139.78	67.25
27.73	93.25	36.65	6.39	188.82	1.17	0	2.63	0.74	34.94	140.99	70.12
28.21	97.42	40.44	7.01	189.55	1.27	0	2.9	0.74	35.32	148.5	70.48
28.31	99.27	41.56	7.21	186.71	1.4	0	2.88	0.77	36.38	149.4	71.75
29.42	99.78	43.97	7.72	183.18	1.39	0	3.1	1.26	37.95	150.27	74.05
29.73	98.75	47.22	7.79	184.4	1.43	0	3	1.36	39	152.18	72.73
30.11	100.94	46.5	8.32	185.06	1.55	0	3.26	1.51	40.03	155.91	73.27
30.91	103.1	49.24	8.91	184.72	1.8	0	3.77	1.53	40.12	156.74	72.8
30.76	104.89	47.24	9.46	181.44	1.84	0	4.28	1.66	39.73	162.87	77.3
31.55	108.44	57.02	10.3	180.42	1.66	0	4.49	1.67	40.66	166.92	75.88
32.01	105.12	57.66	11.18	179.85	1.87	0	4.24	1.55	40.45	169.63	76.96

31.58	102.81	58.08	11.45	181.52	1.91	0	4.46	1.6	41.18	170.9	75.8
31.49	103.08	60.74	11.47	181.05	1.82	0	4	1.49	42.03	171.33	75
30.9863	90.13699	52.60274	12.73973	269.3699	1.835616	0	4.082192	1.452055	48.49315	173.3425	79.28767
31.23288	89.17808	50.76712	12.68493	265.2329	1.972603	0	4.136986	1.452055	46.16438	177.2603	80.68493
30.9589	87.58904	51.12329	12.30137	264.9041	2	0	4	1.452055	47.69863	180.8493	82.32877
31.34247	87.53425	53.56164	12.49315	263.4521	1.972603	0	3.972603	1.424658	46.71233	175.7534	83.61644
56.94	182.76	48.96	9.66	24.29	2.58	0	15.85	0	65.8	318.85	381.85
60.16	194.21	44.65	14.78	24.29	2.4	0	14.7	0	79.36	340.6	382.63
61.91	223.39	48.6	14.84	23.69	0.74	0	13.99	0	75.8	312.82	359.56
60.1	248.07	52.92	16.81	23.86	1.34	0	12.46	0	85.46	337.76	359.4
59.45	247.23	38.58	19.52	23.87	1.19	0	13.6	0	85.75	310.82	376.51
59.26	248.51	65.85	23.25	25.94	1.57	0	14	0	94.84	301.14	372.65
58.22	244.17	43.09	20.21	25.79	2.38	0	17.93	0.35	93.05	342.74	380.48
57.67	244.63	60.86	21.74	27.03	1.43	0	18.22	0.86	97.79	317.92	377.59
55.73	248.23	67.24	22.22	27.67	0.54	0	13.32	0.51	102.38	340.21	379.95
56.06	250.48	71.58	22.5	28.74	0.86	0	15.78	0.5	102.25	306.93	351.63
56.31	250.02	85.6	22.59	30.51	0.91	0	15.35	0.39	107.92	325.17	352.7
50.31	247.24	68.62	24.46	26.64	0.57	0	16.61	0.76	113.11	331.03	351.71
50.89	242.7	75.22	24.54	26.51	1.27	0	15.72	1.4	103.55	255.32	348.94
48.74	238.86	71.93	23.63	24.48	0.86	0	14.12	2.41	101.69	303.72	347.23
39.39	229.86	31.08	23.61	25.26	0.91	0	13.69	1.17	94.35	276.14	359.01
43.29	218.75	27.46	25.99	26.1	0.98	0	13.12	0.61	109.6	291.25	352.93
56.35	231.06	29.32	28.67	25.4	2.43	0	14.21	0.91	114.33	276.99	356.39
48.33	252.27	47.5	37.02	23.91	2.21	0	13.67	2.66	122.48	328.53	353.94
55.53	286.51	78.56	49.54	23.12	1.9	0	13.19	4.69	120.67	335.02	343.16
55.66	331.14	99.6	55.12	24.08	1.35	0	13.89	3.49	100.77	362.07	346.43
56.2	331.66	128.5	54.88	21.08	1.35	0	12.62	3.4	101.68	397.41	345.83
58.8	325.84	137.15	59.47	21.86	1.13	0	11.53	3.07	82.76	402.1	357.79
63.57	323.07	127.7	55.26	22.8	1.2	0	11.86	1.19	92.7	419.67	353.97
55.32	299.51	87.93	53.57	23.6	1.05	0	13.04	0	103	433.46	354.27
48.6	263.18	131.51	54.24	24.33	1.43	0	15.58	0	103.11	466.96	345.05
44.61	237.98	123.64	58.54	26.25	1.63	0	16.83	0	94.65	515.19	343.64
42.41	201.79	123.55	60.7	25.94	1.44	0	18.39	0	97.79	547.34	351.03
48.94	201.43	100.62	66.11	27.87	1.76	0	19.57	0	109.59	587.84	353.92
46.9	224.91	120.17	63.03	28.24	2.29	0	24.95	0	110.65	651.28	357.16
40.91	218.08	138.17	62.34	26.99	1.28	0	27.41	0	108.79	744.31	349.6
42.81	250.14	130	59.49	25.08	2.43	0	33.69	0	117.03	781.47	335.34
57.35	254.02	150.49	60.03	25.02	1.38	0	31.17	0.78	132.93	790.41	335.2
62.67	283.44	146.92	62.33	25.4	0.92	0	30.75	0.85	126.13	797	334.63
61.09	279.87	158.63	58.48	26.1	0.75	0	31.04	0.58	135.29	844.5	338.07
51.56	304.96	182.7	54.2	25.1	0.87	0	40.95	0	131.56	877.02	337.67
50.32	305.34	193.53	52.14	24.17	1.12	0	44.43	0	133.77	897.65	337.96
76.9	338.45	164.09	72.67	26.8	1.96	0	53.52	0	137.43	933.41	342.39
66.16	287.47	186.98	74.54	26.34	1.78	0	55.14	0.02	143.18	779.56	347.36
72.69	307.9	158.9	74.5	26.66	1.93	0	54.3	0.48	144.79	787.75	336.49
75.32	324.91	157.47	73.33	26.59	1.6	0	51.94	0.03	137.27	720.51	335.97
69.87	305.88	148.43	70.71	31.27	2.34	0	60.19	0.09	104.92	684.85	333.56
75.4	362.32	210.51	71.39	29.99	1.44	0	48.11	2.33	102.1	634.6	334.14
79.42	333.27	236.49	68.28	28.07	1.26	0	49.42	1.75	104.16	563.87	312.08

73.35	320.38	260	71.72	26.56	1.8	0	46.15	0.96	105.56	569.86	319.97
76.25	311.11	264.92	66.97	28.23	1.3	0	42.39	0.69	102.72	552	328.99
71.59	308.72	222.26	72.08	29.64	1.21	0	38.16	0.05	102.7	470.77	324.91
73.3	296.27	280.82	72.77	29.16	1.35	0	41.88	0.07	137.28	522.96	304.61
75.21	300.83	252.21	73.81	28.93	1.09	0	42.61	0.06	130.87	527.43	306.58
90.62	253.8	224.34	69.39	31.75	1.63	0	51.89	0.07	133.89	414.64	311
74.82	260.36	161.2	55.51	31.89	1.23	0	42.45	0.12	144.63	573.23	336.21
64.52	287.32	140.18	59.58	31.86	1.76	0	34.07	0.09	138.08	562.3	334.02
55.55	294.04	129.58	64.2	31.69	1.63	0	42.77	0.11	130.62	571.8	336.22
56.78	318.94	120.64	55.81	29.69	1.53	0	43.03	0.07	123.01	527.7	328
41.75342	194.7123	109.589	48.27397	39.09589	1.205479	0	24.27397	0.219178	204.4658	388.6301	338.3836
39.89041	173.589	114.137	35.34247	37.34247	1.232877	0	23.20548	0.219178	199.5068	368.6575	358.274
38.84932	174.6027	106.9589	30.9863	44.27397	1.232877	0	26.16438	0.219178	183.4247	351.589	360.9863
39.09589	172.2466	108.9315	29.42466	38.38356	1.232877	0	23.47945	0.219178	173.2603	355.2055	358.274
56.64	57.81	8.54	1.45	0	0	0	0	0	30.95	158.62	134.32
58.8	58.83	8.39	1.47	0	0	0	0	0	33.76	158.22	136.65
57.41	40.36	8.24	1.49	0	0	0	0	0	36.48	178.23	125.5
49.45	73.25	8.08	1.5	0	0	0	0	0	35.8	169.63	129.02
53.76	67.2	7.93	1.52	0	0	0	0	0	38.3	161.45	145.27
42.88	58.84	9.07	1.34	0	0	0	0	0	36.29	174.61	171.28
48.58	48.55	8.89	1.63	0	0	0	0	0	36.19	151.19	163.65
44.77	44.25	8.71	1.68	0	0	0	0	0	36.36	148	151.92
46.71	44.05	8.54	1.73	0	0	0	0	0	36.23	136.25	178.64
53.36	39.01	9.56	1.78	0	0	0	0	0	36.07	153.24	194.39
53.16	75.42	9.36	1.87	0	0	0	0	0	35.88	161.62	195.68
53.64	85.73	9.17	1.83	0	0	0	0	0	36.84	85.28	183.96
54.83	72.11	10.11	1.84	0	0	0	0	0	35.8	128.7	164.16
55.09	67.85	9.89	1.8	0	0	0	0	0	36.25	197.04	187.97
53.62	61.28	14.16	1.75	0.47	0.5	0	0	0	53.27	115.68	172.86
50.22	71.57	15.62	1.73	0.46	0.57	0	0	0	59.02	95.33	213.67
50.33	85.82	18.76	1.69	1.89	0.41	0	0	0	59.3	158.23	239.66
51.98	96.86	24.77	1.64	1.95	0.55	0	0	0	63.44	189.29	235.97
53.55	90.89	35.21	1.6	5.06	0.65	0	0	0	53.66	162.94	184.02
53.95	100.63	41.5	1.59	2.26	0.84	0	0	0	56.09	177.33	179.36
52.03	99.59	37.6	1.57	4	1.63	0	0	0	56.9	139.73	137.83
56.83	136.59	43.79	5.34	3.91	1.6	0	0	0	60.76	94.52	109.02
58.59	189.95	51.52	9.66	7.63	1.85	0	0.34	0	52.99	103.52	207.43
56.58	152.1	49.9	9.53	6.98	2.29	0	0.48	0	51.83	98.09	168.32
55.44	126.96	52.41	6.61	4.21	1.37	0	0.33	0	39.49	116.08	100.38
55.11	97.98	53.93	7.5	3.05	1.83	0	0.37	0	42.93	89.68	108.02
54.65	81.78	63.27	9.16	3.18	2.16	0	0	0	44.98	95.69	74.61
54.98	73.04	69.42	9.08	3.48	2.13	0	0	0	44.43	116.72	85.45
51.89	48.98	80.1	9	3.42	2.09	0	0	0	45.78	116.26	104.35
47.37	48.59	80.75	9.05	3.36	2.06	0	0	0	46.85	119	119.75
47.14	48.16	86.79	8.89	3.3	2.02	0	0	0	45.98	94.19	103.3
49.31	50.42	92.84	8.41	3.23	1.98	0	0	0	46.89	91.79	141.6
50.92	48.54	98.31	8.09	4.76	1.94	0	0	0	45.98	111.82	161.88
45.35	49.39	110.78	8.58	4.67	1.91	0	0	0	45.13	118.74	147.39
39.21	49	109.32	8.6	13.78	1.87	0	0	0	44.38	101.65	121.27

37.54	45.35	124.82	8.62	13.55	2.77	0	0	0	42.84	106.04	122.72
41.01	48.96	112.89	8.64	14.15	1.82	0	0	0	42.67	102.33	122.86
38.11	45.93	118.42	8.72	14.44	1.8	0	0	0	42.42	96.13	123.13
42.98	48.98	123.82	9.05	14.59	1.86	0	0	0	42.96	95.36	125.91
42.59	52.19	125.48	9.45	14.47	1.92	0	0	0	42.98	95.84	121.3
43.35	55.35	125.75	9.59	14.34	2.05	0	0	0	43.35	95.23	123.11
43.11	50.11	127.54	9.83	14.24	2.11	0	0	0	44.75	95.31	125.17
42.6	48.64	115.9	10.04	14.14	2.16	0	0	0	47.62	97.58	122.83
43.25	48.24	136.53	10.32	14.84	2.22	0	0	0	46.62	99.19	119.05
45.12	48.88	133.32	10.46	15.19	2.28	0	0	0	45.59	102.96	120.18
57.21	47.45	138.98	10.59	15.9	2.33	0	0	0	46.76	96.28	121.47
47.21	51.27	126.82	10.7	15.85	2.31	0	0	0	47.21	96.96	122.11
48.27	52.03	130.66	9.61	14.98	2.36	0	0	0	46.78	101.53	120.55
48.77	53.28	125.15	10.22	15.52	2.34	0	0	0	47.19	95.46	119.84
48.04	51.26	133.78	13.09	15.77	2.32	0	0	0	46.87	85.98	120.58
52.2	57.71	148.19	14.25	15.87	2.29	0	0	0	46.39	74.24	122.13
47.18	58.15	150.2	14.82	13.03	2.4	0	0	0	48.96	76.68	126.32
43.66	69.61	154.84	28.04	10.23	1.9	0	0.05	0	45.47	77.39	144.4
57.15068	57.78082	155.1233	21.28767	7.39726	2.547945	0	2.849315	0.191781	48.82192	84.82192	107.863
38.68493	57.06849	156	25.26027	10.16438	2.273973	0	0.054795	0.136986	44.93151	84.10959	50.71233
37.31507	56.63014	143.2877	24.32877	12.63014	2.657534	0	0.082192	0.164384	45.89041	76.87671	22.41096
40.08219	59.0137	152.1918	21.72603	10.57534	2.438356	0	0.109589	0.027397	46.71233	96.24658	42.19178
30.14	22.65	0.86	2.89	203.26	0.02	0	2.18	1.91	16.72	133.89	14.35
27.95	21.73	1.38	2.78	214.24	0.01	0	2.21	1.87	18.66	131.97	10.64
26.34	16.53	1.68	2.98	234.71	0.08	0	2.3	1.83	20.02	129.06	13.67
25.21	13.77	1.78	3.27	253.7	0.13	0	2.36	1.79	19.14	127.63	12.72
25.7	18.06	1.51	3.19	238.55	0.14	0	2.37	1.75	22.45	123.33	12.18
25.44	17.44	1.58	3.13	269.71	0.1	0	2.29	1.65	22.49	121.71	13.05
24.83	33.87	1.45	3.14	239.49	0.08	0	2.26	1.81	23.18	122.02	14.4
25.06	18.16	1.51	3.22	267.38	0.05	0	2.26	1.77	22.98	120.96	14.22
25.23	14.32	1.67	3.2	238.26	0.03	0	2.31	1.91	23.8	120.01	13.53
26.11	15.97	1.32	3.25	303.63	0.04	0	2.38	1.81	26.61	118.76	17.2
28.07	23.69	2.27	3.51	316.06	0.08	0	2.41	1.94	30	117.8	18.65
28.64	16.89	1.79	3.61	296.21	0.05	0	2.27	1.89	31.65	114.86	15.71
26.34	26.13	1.84	3.61	309.95	0.06	0	2.31	1.84	34.23	112.89	16.26
23.91	20.49	1.55	3.74	305.95	0.06	0	2.58	1.96	32.41	114.19	10.26
24.05	18.07	1.42	3.73	271.88	0.06	0	2.6	1.86	29.89	113.7	16.95
25.1	20.08	1.31	3.68	290.71	0.06	0	2.71	1.96	36.57	112.84	15.52
26.45	25.75	1.4	4.31	322.44	0.08	0	2.73	1.9	38.6	111.48	16.35
27.52	23.77	1.67	4.21	309.01	0.1	0	2.69	1.98	39.24	110.99	19.11
26.83	29.67	1.5	4.22	324.21	0.11	0	2.6	2.06	39.06	110.53	26.72
31	34.3	1.51	4.09	325.68	0.09	0	2.43	2.11	35.82	108.69	19.91
30.42	25.15	1.24	4.33	348.79	0.06	0	2.32	2.18	36.03	104	19.53
31.88	22.96	1.24	4.23	350.92	0.1	0	2.29	2.22	34.17	105.16	22.94
31.94	32.68	1.62	4.61	314.12	0.11	0	2.29	2.14	39.29	109.13	30.25
25.03	40.78	2.93	4.57	344.16	0.13	0	2.29	2.09	38.75	110.32	12.16
30.85	33.41	2.8	5.11	312.78	0.09	0	2.28	2.06	38.15	109.71	21.47
29.42	36.69	1.65	5.34	322.4	0.07	0	2.38	2.05	44	111.99	27.37
35.2	17.27	1.3	6.08	324.36	0.09	0	2.39	2.06	45.95	114.38	12.13

26.08	16.4	1.44	8.38	313.97	0.06	0	2.42	2.08	50.92	116.8	27.16
24.27	13.61	1.34	8.92	351.43	0.06	0	2.46	2.18	48.83	116.51	31.36
20.03	5.32	0.62	6.85	251.65	0.03	0	2.72	6.89	43.81	104.41	6.24
20.05	12.35	0.32	7.64	291.26	0.01	0	2.4	1.19	45.05	120.51	9.39
24.37	5.38	0.48	8.56	248.5	0.19	0	2.25	7.45	47.11	127.17	26.25
23.99	15.78	0.73	7.57	225.85	0.05	0	2.48	2.22	53.57	147.84	11.98
23.35	6	0.89	7.57	172.97	0.03	0	2.75	2.35	53.95	124.89	33.4
21.69	9.58	0.31	7.49	80.7	0.06	0	3.23	2.58	54.76	118.72	146.86
20.44	6.64	0.12	7.62	109.08	0.03	0	3.28	2.8	49.96	140.06	126.79
21.94	5.74	0.34	8.79	110.72	0.02	0	4.12	2.73	51.66	141.94	126.55
20.27	5.47	0.35	8.78	139.45	0.07	0	4.38	2.48	51.6	128.38	102.3
20.48	7.6	0.29	9.64	132.32	0.01	0	3.74	2.47	46.47	125.84	104.63
19.26	8.12	0.38	8.81	153.98	0.01	0	1.98	2.46	45.25	128.08	78.66
16.88	5.97	1.43	7.84	163.81	0.01	0	2.05	2.4	46.27	118.61	61.98
14.88	5.24	2.83	8.54	161.03	0.05	0	2.13	2.52	46.34	122.9	60.45
14.92	5.52	0.36	8.45	140.05	0	0	2.02	2.64	45.16	127.25	74.17
17.2	11.02	2.61	13.11	138.58	0.03	0	2.26	2.76	45.43	133.72	80.87
17	11.17	1.68	12.14	164.39	0.02	0	2.47	2.96	45.23	140.1	74.77
14.56	10.25	0.67	10.49	180.68	0.06	0	2.31	2.07	45.33	86.68	66.15
16.22	10.8	0.67	12.41	200.94	0.06	0	1.78	2.05	47.38	85.79	58.02
17.22	7.11	0.71	13.42	237.19	0.04	0	1.77	2.02	46.63	94.17	49.92
17.15	6.92	0.9	12.31	245.37	0.04	0	1.77	1.78	47.72	76.57	53.27
18.43	7	0.93	15.66	241.47	0.02	0	1.74	1.77	47.59	89.3	45.99
21.52	7.82	0.75	21.59	248.78	0.03	0	1.69	1.74	46.79	88.88	45.82
22.91	7.9	1.01	23.6	249.63	0.03	0	1.65	1.75	40.62	90.07	42.4
22.67	8.35	0.74	24.4	259.59	0.02	0	1.6	1.71	40.99	89.92	29.99
24.68493	4.465753	1.041096	26.90411	282.8767	0.027397	0	1.753425	1.808219	46.46575	83.91781	25.31507
27.26027	4.164384	0.986301	29.58904	283.9452	0.027397	0	1.808219	1.890411	48.38356	84.08219	11.36986
25.89041	4.328767	0.876712	29.28767	280.4658	0.027397	0	1.69863	1.835616	48.13699	81.39726	38.30137
25.64384	3.205479	0.931507	29.23288	286.1644	0.027397	0	1.616438	1.835616	47.80822	80.63014	47.09589
177.17	440.66	262.98	22.55	0.44	0	0	0.16	0	77.65	183.34	326.13
149.89	444.63	339.71	15.48	0	0	0	0.26	0	80.91	198.53	277.26
142.1	552.99	279.45	17.02	2.47	0.27	0	0.7	0	69.69	191.95	309.33
148.27	435.35	356.49	19.15	2.17	0.43	0	1.43	0	75.78	191.47	336.45
142.75	459.16	375.78	20.97	5.22	1.25	0	1.97	0	70.09	221.1	354.89
133.78	349.63	354.61	23.45	6.24	0.91	0	1.77	0.01	93.79	221.61	354.12
134.49	320.23	374.42	25.63	6.84	1.36	0	3.98	0.01	105.03	248.63	314.79
141.19	380.55	363.55	23.57	6.61	1.53	0	2.74	0.02	97.62	263.05	328.18
125.99	563.58	371.89	26.74	8.02	1.56	0	2.31	0.02	101.42	256.42	354.38
103.2	603.07	358.46	30.64	8.23	1.2	0	3.17	0.02	120.38	256.83	369.15
123.13	595.69	332.65	36.46	7.27	0.76	0	3.76	0.02	110.3	244.98	344.34
140.29	592	330.23	41.36	5.57	0.85	0	4.26	0.03	107.36	322.65	341.15
161.47	641.17	345.48	56.77	8.13	1.31	0	4.39	0.02	105.79	292.05	341.28
165.56	744.87	334.31	64.31	7.54	1.5	0	3.76	0.02	115.37	317.8	342.45
160.96	838.03	296.14	70	9.83	1.11	0	4.31	0.03	126.28	238.32	320.45
177.89	800.37	275.09	72.17	8.55	1.07	0	5.13	0.04	130.47	265.45	340.87
173.06	847.22	269.59	72.81	7.17	1.4	0	4.56	0.04	137.01	274.31	321.37
156.44	864.64	285.77	66.78	8.3	1.32	0	4.31	0.03	130.85	292.56	325.55
151.57	785.67	263.58	63.47	9.24	1.35	0	4.25	0.04	117.94	260.26	321.07

146.14	784.2	279.34	63.98	8.87	2.87	0	3.57	0.06	124.96	300.08	320.72
144.25	832.52	270.53	68.22	7.95	2.87	0	4.56	0.06	127.49	306.9	322.73
148.95	830.48	262.34	73.53	8.42	2.56	0	3.74	0.07	130.01	298.73	333.11
149.5068	983.7808	244.9315	71.86301	8.054795	2.575342	0	2.273973	0.191781	253.3973	273.0685	296.4658
155.0959	917.8356	208.7397	73.0137	8.136986	2.986301	0	2.712329	0.191781	256.411	228.5205	319.5616
147.726	917.589	185.6712	74.79452	8.356164	3.041096	0	3.123288	0.191781	261.2603	264.0548	318.9863
153.0685	986.4384	133.726	77.23288	8.547945	3.041096	0	3.232877	0.191781	264.5205	258.9041	315.3699
18.51	92.3	12.3	1.18	160.09	1.33	0	2.72	0.61	59.58	156.55	63.14
18.34	90.61	11.25	1.21	164.84	1.24	0	2.66	0.63	56.85	165.2	65.64
18.24	88.61	13.45	1.23	161.06	1.25	0	2.74	0.58	54.13	162.49	62.5
18.3	86.22	11.11	1.27	161.94	1.33	0	2.74	0.63	55.41	163.8	70.22
18.23	83.73	13.66	1.3	152.2	1.14	0	2.58	0.67	60.04	154.31	72.79
18.41	83.61	14.82	1.35	149.44	1.06	0	2.46	0.66	59.31	163.72	74.09
18.63	83.03	13.9	1.38	156.25	1.05	0	2.49	0.69	52.4	169.37	71.94
18.78	85.87	15.25	1.4	162.87	0.97	0	2.62	0.69	50.44	163.34	74.53
18.7	86.72	16.34	1.47	162.46	1.14	0	2.7	0.71	57.73	163.07	78.62
18.66	82.95	14.57	1.51	165.65	1.27	0	2.63	0.7	61.47	159.65	79.93
18.33	86.86	16.27	1.52	156.26	1.22	0	2.6	0.72	61.77	158.61	81.55
17.98	85.27	15.82	1.5	150.8	1.05	0	2.3	0.77	56.31	155.06	96.13
17.88	84.51	15.29	1.51	150.1	1.14	0	2.44	0.79	56.44	164.17	94.75
17.79	86.69	15.65	1.5	149.55	1.13	0	2.29	0.77	59.76	167.97	87.16
17.84	87.06	18.51	1.55	156.79	1.11	0	2.29	0.74	57.98	163.64	89.5
18.22	90.13	21.59	1.56	152.33	1.06	0	2.08	0.69	58.5	166.16	69.19
18.39	92.71	19.64	1.68	163.88	1.53	0	2.23	0.65	61.03	166.7	88.21
18.95	94	21.72	1.84	163.77	1.4	0	2.29	0.69	65.79	164.55	99.14
18.84	94.85	25.65	1.91	152	1.29	0	2.08	0.62	62.62	165.27	101.32
18.96	95.91	21.06	1.85	153.69	1.3	0	2.14	1	57.44	162.84	100.24
18.86	101.86	23.7	1.96	154.49	1.26	0	2.22	0.85	60.99	165.81	100.08
19.27	105.06	24.68	1.95	155.73	1.31	0	2.19	0.97	56.71	164.77	99.9
19.08	108.45	24.18	1.98	163.6	1.5	0	2.19	0.95	63.63	167.94	108.73
18.9	110.51	26.94	1.99	160.85	1.4	0	2.22	0.71	70.12	167.83	105.74
18.96	115.34	28.1	2.07	164.1	1.57	0	2.21	0.65	68.34	167.09	107.38
18.66	116.66	23.52	2.14	162.47	1.62	0	2.21	0.69	63.43	166.9	110.75
18.37	115.1	26.16	2.31	168.24	1.88	0	2.26	0.7	59.24	173.09	115.49
18.33	115.2	27.98	2.38	177.29	1.86	0	2.25	0.81	58.78	169.37	113.96
18.3	118.04	29.88	2.38	180.12	1.91	0	2.11	0.95	62.06	173.89	114.38
18.34	119.01	29.21	2.39	180.59	1.9	0	2.32	0.93	63.97	170.31	89.85
18.37	117.05	29.65	2.62	178.39	1.84	0	2.38	0.71	65.31	165.12	121.83
19.11	124.41	34.03	2.74	168.41	2.05	0	2.36	0.72	65.76	177.15	128.34
18.57	126.56	33.77	2.75	172.47	2.53	0	2.5	0.62	60.16	176.3	125.07
18.66	126.69	31.86	2.75	171.22	2.2	0	2.44	0.64	63.09	174.26	124.88
18.76	131.82	31.35	2.77	170.31	1.98	0	2.38	0.81	66.61	175.85	128.7
18.74	131.77	32.7	2.73	169.61	2.26	0	3.26	0.77	57.88	179.92	125.25
18.91	133.83	40.91	2.77	168.35	2.22	0	3.51	0.86	70.63	168.12	130.51
19.03	136.82	32.16	2.92	167.86	2.47	0	3.4	0.9	89.24	183.38	132.23
18.96	141.59	41.08	3.08	170.27	2.46	0	2.97	0.93	89.32	192.81	134.09
18.6	138.98	44.49	3.28	168.41	2.44	0	3.14	0.95	67.43	190.64	138.84
18.64	140.24	42.57	3.42	167.32	2.5	0	3.03	0.85	68.21	197.33	132.8
18.8	143.74	43.29	3.86	164.65	2.1	0	3.23	0.96	66.41	181.52	133.53

18.65	145.77	42.98	4.19	163.57	2.71	0	3.72	0.86	66.89	196.19	127.85
18.85	149.44	48.32	4.33	166.34	2.66	0	3.66	0.98	61.22	177.98	127.43
18.93	152.3	51.3	4.48	167.21	2.89	0	3.76	1.06	60.65	185.2	125.64
18.86	156.03	51.18	4.5	166.37	2.84	0	3.85	1.13	63.48	198.66	128.33
19.08	163.82	49.08	4.95	168.05	3.09	0	4.1	1.19	68.27	204.93	130.27
19.31	166.84	57.13	5.19	169.31	2.99	0	4.4	1.09	68.21	208.55	131.29
19.11	170.88	54.59	5.52	168.14	2.98	0	4.74	0.97	65.6	205.45	130.49
19.02	175.28	58.94	5.8	168.88	3.35	0	4.8	0.81	64.94	217	132.64
18.91	179.81	61.03	6.03	167.05	4.12	0	4.82	1.08	66.5	223.1	130.62
18.73	180.54	63.1	6.08	166.18	3.82	0	5.26	1.5	69.21	230.72	125.75
18.2	178.81	63.54	6.13	164.61	3.63	0	4.95	1.49	68.91	235.49	131.31
21.06849	185.4521	61.86301	7.561644	264.411	3.506849	0	4.657534	1.342466	52.57534	229.1507	134.4932
21.58904	194.4932	62.27397	7.863014	261.4795	3.39726	0	4.821918	1.479452	54.16438	223.8356	133.4247
21.50685	201.6164	61.31507	7.780822	268.7397	4.164384	0	7.123288	1.506849	52.90411	226.6301	135.7808
21.72603	207.8082	64.46575	7.780822	269.0685	4.520548	0	7.315068	1.39726	48.43836	229.7534	138.3836
242.36	682.33	136.1	40.59	8.18	1.75	0	2.28	0.02	126.66	224.6	199.81
255.87	782.05	153.16	52.53	8.21	1.94	0	3.44	0.02	123.52	242.57	195.19
236.07	786.99	116.71	45.76	6.26	2.01	0	2.43	0.04	121.53	234.8	195.1
249.94	757.23	123.44	51.39	5.87	2.2	0	2.45	0.03	121.15	251.38	199.08
255.6	785.62	133.45	49.62	6.57	2.28	0	1.51	0.04	121.86	227.73	206.87
254.51	834.18	115.43	48.98	5.77	2	0	2.23	0.06	138.78	240.01	231.59
251.9	790.69	129.19	45.33	6.45	2.39	0	2.19	0.05	141.01	246.42	254.86
244.05	733.55	143.65	49.33	7.39	1.24	0	2.47	0.06	142.3	238.27	269.75
250.47	668.88	123.93	54.81	9.27	0.47	0	1.89	0.07	141.31	243.83	277.08
232.88	674.28	142.52	52.14	8.57	0.43	0	1.28	0.09	144.13	216.47	294.11
231.78	646.83	169.03	53.09	9.14	1.79	0	1.86	0.06	137.17	301.92	291.23
218.5	744.89	167.88	63.64	11.74	3.33	0	1.9	0.07	127.61	299.43	286.45
222.32	748.67	168.72	56.29	11.94	3.4	0	1.41	0.09	139.04	295.49	288.53
222.51	713.01	152.74	58.56	11.5	3.1	0	1.35	0.12	140.87	294.44	282.73
183.0685	409.1507	110.8219	55.31507	11.9726	3.232877	0	4.383562	0.246575	448.3562	259.1781	240.5479
180.6027	438.9041	97.58904	49.56164	11.86301	3.068493	0	4.575342	0.219178	447.4521	250.7123	232.3288
181.7808	425.8082	120.3014	50.10959	12.52055	3.041096	0	4.356164	0.273973	442.8767	271.2055	241.4521
174.7397	429.5342	119.2877	50.21918	12.65753	3.068493	0	1.671233	0.273973	439.6986	263.2055	245.5342
71.36	154.6	24.91	13.1	336.39	0.41	0	0.73	0	44.48	122.91	11.13
72.18	160.9	29.37	13.17	334.8	0.37	0	0.75	0	43.6	124.14	11.6
71.87	159.99	31.53	13.15	340.53	0.42	0	0.77	0	46.43	123.42	13.36
71.53	156.94	30.68	13.14	348.58	0.45	0	0.76	0	46.74	123.84	11.06
59.04	158.64	29.3	13.1	346.56	0.53	0	0.78	0	45.4	122.66	12.4
73.88	166.79	30.23	13.09	335.73	0.4	0	0.8	0	43.33	122.76	14.04
72.74	164.27	31.14	13.06	344.36	0.43	0	0.77	0	40.07	119.56	10.33
72.54	160.82	29.73	13.36	343.83	0.38	0	0.83	0	42.22	116.66	12.25
68.09	154.41	28.01	13.82	347.65	0.59	0	0.43	0	43.78	115.19	9.36
63.6	154.04	23.83	14.38	350.5	0.58	0	0.5	0	46.84	113.38	13.61
58.12	140.92	30.54	15.07	369.84	0.5	0	0.52	0	52	113.82	15.08
62.39	138.8	33.89	13.58	357.69	0.49	0	0.67	0	49.33	112.39	18.21
59.35	135.39	27.76	14.47	364.97	0.47	0	0.52	0	52.62	109.19	13.1
57.97	134.68	27.75	13.23	366.47	0.55	0	0.66	0	60.1	106.8	5.38
60.19	133.14	28.38	13.68	355.86	0.54	0	0.75	0.01	58.33	108.79	5.18
58.63	131.38	31.1	13.06	359.59	0.76	0	0.68	0.01	57.77	108.97	5.18

43.72	133.24	31.29	13.06	348.4	0.59	0	0.74	0.01	55.61	101.17	18.28
71.82	142.89	39.45	13.8	335.51	0.49	0	0.66	0.01	52.87	103.85	18.64
59.62	142.78	39.21	13.67	331.06	0.72	0	0.74	0.02	50.83	95.23	17.95
62.49	139.91	34.67	10.67	333.4	0.79	0	0.72	0.02	48.16	95.12	11.24
64.93	135.41	31.49	10.54	332.09	0.89	0	0.68	0.02	47.95	92.86	25.26
62.26	136.46	39.58	9.79	315.62	0.64	0	0.66	0.02	44.86	92.09	10.5
60.8	134.66	50.54	8.99	349.53	0.58	0	0.82	0.01	43.62	92.66	9.38
61.1	133.72	49.81	8.66	331.22	0.5	0	0.85	0.02	41.15	93.89	5.25
59.33	124.7	48.49	10.85	329.07	0.58	0	0.81	0.02	44.57	91.63	8.67
58.94	127.3	47.1	11.45	321.15	0.49	0	0.77	0.02	44.75	89.84	13.12
59.35	125.15	46.22	9.02	303.96	0.61	0	0.74	0.02	43.75	87.56	13.72
59.8	117.77	46.32	9.82	280.35	0.71	0	0.71	0.01	41.93	86.98	12.51
58.72	113.55	45.12	9.12	292.54	0.55	0	0.73	0.01	39.99	86.32	8.04
57.77	112.67	41.67	9.82	282.08	0.75	0	0.76	0.01	38.8	85.77	18.15
56.5	109.28	40.66	9.76	259.73	0.49	0	0.7	0.01	38.26	83.19	13.89
55.22	108.62	39.59	9.53	268.1	0.59	0	0.43	0.01	37	82.7	14.81
53.92	104.32	40.04	9.54	264.39	0.55	0	0.5	0.01	38.84	82.05	18.65
52.63	101.74	36.63	9.44	255.29	0.52	0	0.64	0.01	40.04	77.99	12.87
51.02	101.29	36.22	9.72	249.67	0.54	0	0.36	0.01	38.75	78.13	18.77
51.28	100.05	35.95	9.94	253.72	0.58	0	0.27	0.01	38.69	78.25	13.79
50.45	98.22	34.84	10.13	255.66	0.59	0	0.97	0.01	37.01	78.45	12.8
45.93	94.94	33.72	10.35	257.62	0.65	0	0.89	0.01	37.75	75.21	15.6
42.49	93.48	29.84	10.54	257.49	0.58	0	1.05	0.01	36.82	74.44	17.15
37.75	93.33	28.27	11.2	262.32	0.47	0	1.01	0.01	35.51	70.58	17.93
30.65	79.27	28.48	11.28	270.45	0.53	0	0.98	0.01	29.4	70.52	19.1
28.94	78.47	27.72	10.99	275.6	0.47	0	0.8	0	25.01	69.06	15.15
29.35	73.07	21.52	10.67	272.1	0.45	0	0.64	0.01	31.54	77.03	20.07
29.14	75.65	27.22	10.37	275.09	0.9	0	0.51	0.01	30.96	76.94	17.02
33.69	77.19	18.21	10.06	277.36	0.9	0	0.87	0.01	31.6	70.31	19.63
35.34	75.76	18.02	9.96	278.67	0.83	0	0.65	0.03	32.4	66.1	19.68
35.31	74.35	17.73	9.71	280.51	0.67	0	0.64	0.01	32.31	67.73	24.58
36.12	76.43	17.31	9.59	280.89	0.76	0	0.84	0.14	30.97	52.84	17.56
35.66	73.56	17.26	9.47	283.87	0.66	0	0.48	0.02	36.2	59.83	16.43
36.05	72.11	16.82	9.31	285.52	0.62	0	0.49	0.05	35.47	62.91	21.05
36.22	71.56	16.37	9.21	283.28	0.48	0	0.67	0.03	35.68	64.99	23.24
36.3	69.45	15.91	8.98	281.44	1.07	0	0.69	0.01	34.19	63.85	23.32
35.27	68.08	15.44	8.61	280.89	1.82	0	0.74	0.01	33.9	61.45	24.68
32.54795	60.13699	15.78082	7.671233	416.0548	0.958904	0	0.438356	0	38.21918	59.78082	24.0274
31.50685	59.89041	15.69863	7.616438	409.863	1.068493	0	0.410959	0.027397	36.60274	58.65753	26.41096
30.9589	59.0137	15.42466	8.356164	407.5068	1.013699	0	0.410959	0	36.60274	57.53425	31.12329
30.57534	57.89041	15.0137	7.863014	391.9178	0.931507	0	0.60274	0	38.79452	57.42466	35.36986
9	10	33.42	1.73	2.15	0.76	0	0.02	0	7.23	92.54	4.43
9.17	9.97	33.97	1.8	1.34	0.74	0	0.01	0	7.66	92.82	5.29
10	9.94	33.88	1.88	1.29	0.72	0	0.01	0	7.45	93.41	6.16
10.09	10.35	34.33	1.9	1.43	0.71	0	0.01	0	10.04	95.03	6.54
9.65	13.43	34.73	1.96	1.31	0.71	0	0.01	0	9.78	95.04	8.76
9.64	12.35	34.5	2.05	3.8	0.73	0	0.01	0	10.49	94.88	9.56
11.36	12.94	38.24	2.11	4.23	0.69	0	0.01	0	12.03	96.46	8.93
11.63	13.45	37.85	2.11	3.09	0.65	0	0.01	0	13.05	98.98	8.89



12.25	14.91	39.23	3.43	5.76	0.63	0	0.01	0	14.15	101.35	10.13
11.49	15.07	33.06	3.6	6.1	0.61	0	0.03	0	16.39	92.97	13.64
10.91	15.63	27.72	3.38	7.76	0.6	0	0.03	0	19.57	105.53	14.96
11.16	13.48	39.13	3.42	10.47	0.56	0	0.03	0	17.6	106.1	15.61
10.92	16.32	95.65	3.53	15.42	0.37	0	0.03	0	17.96	104.96	12.97
11.31	14.12	95.04	3.59	14.31	0.55	0	0.04	0	16.64	106.63	8.6
10.81	14.88	94.34	3.64	22.22	0.49	0	0.04	0	16.25	109.2	8.04
10.94	18.51	93.11	3.72	25.84	0.51	0	0.05	0	18.22	108.54	10.9
11.33	17.6	92.18	3.87	19.88	0.51	0	0.07	0	17.41	112.18	10.34
11.52	24.41	91.23	3.93	23.49	0.48	0	0.09	0	17.77	90.94	4.76
10.46	25.7	87.63	4.02	9.59	0.51	0	0.14	0	18.88	93.38	5.11
11.13	26.3	88.28	3.94	7.01	0.39	0	0.17	0	21.77	90.29	9.11
13.17	25.84	89.84	3.9	6.21	0.44	0	0.25	0	22.8	92.01	6.99
13.42	25.77	89.6	3.88	8.57	0.39	0	0.33	0	21.66	87.96	10.35
11.89	25.52	88.08	3.84	6.38	0.45	0	0.36	0	22.31	84.51	8.1
11.28	22.97	86.98	3.78	8.06	0.43	0	0.46	0	23.68	82.92	8.55
8.85	29.94	84.7	3.71	7.92	0.47	0	0.48	0	24.06	82.2	11.03
12.1	25.44	86.56	3.6	8.11	0.37	0	0.48	0	25.99	78.96	5.72
11.66	17.61	84.62	3.42	7.46	0.35	0	0.48	0	28.53	75.34	4.17
10.37	17.5	78.57	3.34	8.15	0.31	0	0.5	0	33.14	72.83	4.53
9.78	17.83	80.51	3.37	7.92	0.27	0	0.5	0	32.12	71.06	12.13
9.77	14.16	73.33	3.3	8.22	0.26	0	0.49	0.01	36.36	70.12	10.28
9.87	17.88	80.67	3.66	8.26	0.28	0	0.47	0	41.05	67.71	12.87
10.61	16.6	76	3.34	7.54	0.23	0	0.45	0	40.55	62.61	21.85
10.07	15.13	80.56	3.56	8.47	0.25	0	0.51	0.02	36.48	67.85	17.54
9.13	13.35	69.1	3.66	8.04	0.33	0	0.47	0.02	41.42	68.41	16.53
10.18	10.38	83	3.78	8.2	0.35	0	0.45	0.01	44.8	67.43	11.34
12.39	11.08	134.21	3.87	9.69	0.28	0	0.51	0.02	42.21	68.93	17.81
10.72	11.51	183.76	3.89	10.23	0.28	0	0.42	0.01	42.75	63.39	18.07
11.14	11.17	292.07	3.89	10.84	0.29	0	0.43	0.14	37.34	64.18	18.37
11.18	10.91	316.62	3.9	11.64	0.27	0	0.42	0	33.99	64.58	18.15
12.59	10.02	280	3.7	11.6	0.42	0	0.46	0.61	31.13	64.72	17.53
13.09	11.43	310.17	3.82	10.96	0.39	0	0.33	0.16	33.27	65.54	17.23
12.27	8.43	246.03	2.2	10.83	0.25	0	0.34	1.09	33.66	66.36	16.67
12.19	8.48	274.02	2.53	11.51	0.29	0	0.34	1.23	34.06	68.08	17.16
12.21	10.01	290.16	3.46	11.46	0.5	0	0.11	1.25	34.25	67.95	16.91
11.33	15.78	233.2	3.39	11.36	0.36	0	0.17	1.06	34.14	67.56	17.14
13.77	7.83	294.73	2.3	12.48	0.39	0	0.37	1.03	34.42	69.84	18.05
16.43	10.18	313.13	2.74	13	0.47	0	0.33	5.57	34.48	68.84	17.97
18.88	12.08	295.78	3.7	14.7	0.26	0	0.48	6.82	36.88	52.65	20.07
20.8	13.61	296.68	4.02	17.12	0.29	0	0.28	7.14	32.37	58.6	17.36
19.52	13.35	315.47	4.36	12.5	0.26	0	0.16	3.84	33.83	65.29	30.88
22.5	13.14	328.48	3.97	13	0.47	0	0.05	4.47	21.93	69.5	26.06
25.87	11.16	338.91	3.9	12.2	0.52	0	0.32	7.44	32.03	65.68	24.28
30.95	21.9	360.78	3.77	13.01	0.28	0	0.28	4.81	22.62	66.18	32.26
33.28767	10.46575	130.1918	10.08219	20.68493	0.273973	0	0.273973	5.917808	24.90411	125.4795	29.91781
37.83562	8.356164	131.863	11.28767	17.09589	0.356164	0	0.273973	5.945205	21.53425	117.7808	31.89041
43.64384	9.39726	125.6164	8.383562	13.39726	0.410959	0	0.465753	5.945205	21.20548	107.2603	32.13699
47.91781	9.424658	143.6986	14.16438	18.49315	0.410959	0	0.958904	6	23.94521	153.589	26.49315

29.39	81.9	6.97	9.59	330.45	4.07	0	1.23	0.03	96.94	56.85	75.23
29.73	84.2	5.7	10.13	350.52	3.94	0	1.55	0.03	82.26	64.21	75.88
28.01	92.33	6.01	11.22	351.81	2.72	0	1.62	0.03	73.23	56.03	78.5
28.36	91.7	5.98	12.29	336.31	3.21	0	1.9	0.03	86.36	56.84	78.15
28.75	89.89	5.89	13.4	322.43	3.25	0	1.72	0.03	86.36	55.72	91.24
29.12	86.09	5.97	14.48	322.19	4.05	0	1.69	0.03	91.39	57.21	79
27.72	80.67	5.89	15.57	324.66	3.87	0	1.48	0.23	87.84	49.89	73.39
26.02	88.34	5.81	16.69	316.47	4.06	0	1.87	0.24	106.72	75.19	81.74
28.52	79.85	5.69	17.79	328.07	3.67	0	1.75	0.26	105.13	74.99	99.04
27.61	95.4	5.19	18.81	330.56	4.45	0	1.64	0.24	111.52	79.69	85.64
27.28	83.53	5.5	18.89	344.66	3.8	0	1.32	0.2	86.18	72.56	78.88
29.17	80.03	5.25	19.01	332.18	3.19	0	1.5	0.19	97.54	83.04	93.86
26.34	93.52	5.78	20.26	342.01	3.41	0	1.46	0.19	96.07	64.07	97.06
28.02	95.39	5.31	21.71	346.9	2.78	0	2.79	0.14	97.56	59.28	81.03
35.8	99.81	5.03	25.37	332.3	3.53	0	3.01	0.1	94.04	62.46	78.08
38.66	99.45	4.83	25.5	322.09	3.03	0	2.94	0.11	90.95	69.58	90.46
35.69	113.4	5.87	24.54	291.76	3.11	0	2.86	0.11	111.19	65.92	104.1
37.44	111.44	6.31	25.45	292.32	3.99	0	2.39	0.11	104.88	61.14	105.57
36.41	114.47	6.28	26.19	304.83	3.71	0	1.46	0.12	108.63	66.71	98.74
40.72	118.11	8.19	27.61	297.62	3.5	0	1.37	0.17	115.78	71.38	92.14
41.33	120.24	7.23	28.19	299.5	3.62	0	0.6	0.25	97.54	69.05	90.62
40.34	96.77	7.45	32.28	286.14	3.92	0	0.44	0.23	99.24	71.43	97.31
41.39	114.24	7.6	34.26	265.45	3.45	0	1.32	0.22	114.28	70.23	100.53
41.49	118.12	7.06	37.23	255.55	3.71	0	1.72	0.24	105.9	73.38	101.54
43.59	109	7.26	42.23	227.25	4.77	0	1.47	0.22	112.4	75.33	90.4
43.17	105.29	7.17	43.51	225.98	4.31	0	1.27	0.25	113.52	69.7	94.36
45.99	114.33	6.46	48.75	219.24	3.07	0	1.72	0.26	101.38	72.94	99.25
43.98	138.97	7.09	49.22	213.41	3.43	0	2.24	0.31	118.44	77.91	101.11
49.65	113.34	9.77	50.27	217.01	2.71	0	2.83	0.3	108.18	71.95	90.64
54.37	114.84	9.73	55.5	227.73	2.53	0	2.3	0.35	111.7	70.43	82.8
56.35	132.36	9.29	66.1	221.15	2.22	0	2.47	0.4	114.62	78.94	107.42
58.9	143.29	9.59	76.28	237.8	2.35	0	2.86	0.34	114.67	83.32	111.74
60.39	145.38	10.79	85.8	235.52	2.37	0	3.14	0.36	121.2	84.73	111.87
63.7	147.09	11.35	88.59	239.77	3.53	0	3.27	0.34	129.6	84.35	105.47
64.11	165.26	12.17	89.19	237.81	2.53	0	3.08	0.33	146.18	92.74	105.15
63.78	152.05	12.99	89.53	238.53	2.24	0	3.02	0.27	158.8	109.39	101.9
62.67	159.44	13.83	90.44	239.17	2.18	0	2.87	0.32	142.4	89.9	115.75
56.31	112.45	14.13	89.82	239.74	2.56	0	2.38	0.28	138.85	95.27	114.95
43.55	131.24	14.12	90.22	237.6	2.99	0	2.55	0.22	139.18	102.97	110.02
44.75	139.46	14.64	86.15	230.66	3.61	0	3.34	0.3	114.38	103.29	107.61
47.68	136.43	16.81	88.65	219.62	3.97	0	4.54	0.31	118.98	104.94	102.61
48.56	132.52	16.15	90.11	204.15	4.25	0	4.4	0.31	106.34	114	122.83
48.39	117.44	13.76	91.81	205.94	4.26	0	5.62	0.23	109.3	105.44	134.26
52.39	128.86	17.64	93.3	206.19	4.49	0	5.83	0.51	98.69	105.46	152.38
50.25	123.24	19.25	96.39	220.67	5.45	0	5.79	0.2	84.84	134.93	155.11
50.44	110.84	18.96	100.59	217.83	6.89	0	7	0.11	97.54	141.1	154.48
47.76	102.69	18.82	101.43	219.49	6.95	0	3.92	0.13	107.46	143.54	154.93
45	80.38	18.94	99.37	220.08	6.53	0	3.65	0.09	109.66	140.52	149.29
47.6	92.46	24.43	105.72	219.38	8.24	0	3.24	0.09	116.2	159.56	146.6

51.97	97.42	26.86	105.6	219.96	7.83	0	4.07	0.11	116.53	188.53	143.15
51.77	89.99	28.23	106.5	222.05	8.33	0	4.7	0.1	116.76	194.03	143.47
50.59	85.53	29.98	108.04	226	8.88	0	5.44	0.09	120.53	188.74	139.5
52.8	70.19	30.07	112.36	222.6	9.19	0	5.38	0.11	120.89	199.96	139.83
41.64384	17.69863	30.21918	113.6438	298.9589	9.260274	0	3.150685	0.054795	123.4521	195.6164	116.1644
42.60274	14.9863	33.89041	114.1096	328.6575	8.821918	0	3.013699	0.109589	123.0137	222.2192	111.1233
40.27397	15.06849	37.56164	109.1507	325.589	9.315068	0	2.767123	0.109589	122.4932	198.9863	119.6712
39.80822	16.24658	37.31507	107.4247	327.7808	9.39726	0	2.493151	0.082192	115.2329	189.6712	136.7945
12.04	0	0	0	77.5	0	0	21.86	0	98.17	333.97	44.49
11.95	0	0	0	77.91	0	0	21.19	0	95.04	346.25	43.96
11.99	0	0	0	76.28	0	0	21.35	0	96.16	353.37	43.96
11.9	0	0	0	76.71	0	0	20.73	0	87.23	361.78	43.47
11.94	0	0	0	75.19	0	0	20.34	0	84.03	368.13	43.48
11.85	0	0	0	78.24	0	0	20.31	0	81.61	388.72	43.1
11.89	0	0	0	80.59	0	0	20.24	0	78.66	386.8	43.01
11.92	0	0	0	82.88	0	0	20.14	0	75.28	384.73	43.27
11.85	0	0	0	84.31	0	0	19.87	0	85.85	379.34	42.75
11.78	0	0	0	79.69	0	0	20.6	0	82.29	382.57	42.62
11.73	0	0	0	82.75	0	0	21.31	0	85.81	399.42	42.05
11.68	0	0	0	77.7	0	0	21.76	0	83.48	406.19	58.67
11.63	0	0	0	75.23	0	0	21.53	0	76.1	397.01	65.78
11.59	0	0	0	63.37	0	0	21.22	0	83.02	391.12	73.73
11.45	0	0	0	65.04	0	0	20.94	0	76.67	397.99	73.43
11.42	0	0	0	114.51	0	0	21.32	0	68.1	404.94	54.6
11.29	0	0	0	129.6	0	0	20.59	0	67.11	394.45	80.04
11.17	0	0	0	138.53	0	0	20.96	0	70.53	381.09	94.43
10.87	0	0	0	171.67	0	0	21.35	0	74.39	383.65	102.94
10.59	0	0	0	186.5	0	0	20.85	0	79.48	383.36	104.17
10.42	0	0	0	198.97	0	0	21.11	0	81.62	373.74	90.58
11.99	0	0	0	197.09	0	0	21.29	0	79.41	374.03	114.16
12	0	0	0	174.48	0	0	22.49	0	80.11	376.03	103.54
12.06	0	0	0	168.25	0	0	23.31	0	80.76	367.7	95.77
11.82	0	0	0	165.1	0	0	24.69	0	80.92	358.04	106.46
10.91	54.35	0	0	149.89	0	0	26.24	0	95.61	359.69	121.73
10.83	57.77	0	0	125.29	0	0	26.67	0	95.23	342.59	134.28
10.5	50.87	0	0	121.86	0	0	26.29	0	87.69	338.7	144.71
17.33	36.42	14.16	9.1	124.96	6.01	0	28.63	0.03	101.55	367.07	147.99
13.13	85.37	14.78	4.95	130.01	0.13	0	22.29	0	113.05	153.77	143.08
17.22	101.58	14.99	2.96	136.23	0.25	0	19.33	0	112.54	150.89	159.58
15.43	107.22	15.08	2.88	141.86	0.12	0	19.35	0	109.58	136.98	134.77
17.7	155.2	18.65	9.75	159.9	5.73	0	22.63	0	126.61	155.63	138.39
20.79	130.85	20.28	12.05	146.04	4.17	0	22.36	0	129.8	184.77	180.87
20.18	126.44	24	11.61	142.9	3.59	0	26.52	0.11	116.84	198.68	189.79
18.3	121.95	25.32	8.73	143.24	3.64	0	28.3	0.05	106.33	203.87	206.76
20.5	158.53	25.95	11.85	143.66	4.98	0	26.22	0.07	103.26	188.75	193.63
26.33	153.36	24.72	12.05	146.38	3.83	0	26.94	0.09	91.8	200.92	190.26
23.91	148.33	26.62	11.72	157.19	4.08	0	26.56	0.09	86.67	185.41	196.4
22.03	161.81	26.71	16.58	155.23	3.66	0	24.17	0.12	89.73	204.3	176.25
20.01	204.46	29.36	18.84	138.34	3.94	0	21.54	0.15	94.17	203.62	193.65

20.06	176.37	28.64	22.78	134.19	4.36	0	19.29	0.14	94.33	202.26	203.95
20.64	180.14	33.09	30.39	132.21	4.35	0	21.25	0.19	91.04	214.63	201.14
23.79	175.75	35.6	31.51	128.4	4.45	0	21.86	0.19	98.5	228.9	189.24
17.6	197.44	33.14	34.98	127.55	5.05	0	29.38	0.36	99.19	198.17	188.92
24.78	226.17	39.51	32.08	126.65	5.53	0	34.93	0.26	96.59	243.88	186.89
25.98	215.24	42.39	31.46	126.58	6.45	0	37.11	0.28	98.28	234.2	190.31
28.1	234.78	44.4	30.95	126.5	7.21	0	38.07	0.31	101.39	247.47	196.8
26.01	228.05	42.93	31.1	141.54	5.08	0	36.58	0.25	98.54	210.8	198.39
28.26	234.7	45.33	32.48	140.75	6.77	0	34.11	0.32	100.8	233.41	202
31.26	242.04	46.23	35.38	139.78	7.5	0	38.68	0.42	98.62	240.55	212.02
30.92	285.57	50.09	33.5	140.71	10.66	0	38.27	0.46	93.6	257.44	215.99
38.27	311.69	42.6	50.59	138.97	7.2	0	43.17	0.55	82.99	268.89	213.08
17.94521	61.91781	33.53425	35.26027	137.5068	7.260274	0	24.16438	1.232877	97.28767	201.0959	193.3425
23.53425	66.13699	33.23288	36.30137	135.3151	7.068493	0	22.68493	1.013699	96.65753	199.5342	198.137
20.10959	64.46575	33.72603	40.54795	139.2329	7.150685	0	21.75342	1.205479	94.90411	266.4658	186.411
19.53425	65.20548	33.58904	36.9863	136.5753	7.178082	0	21.45205	1.232877	86.73973	229.589	185.2329
39.7	135.7	0.24	4.28	30.91	0	0	2.05	0	7.55	229.77	4.07
40.88	138.65	0.16	4.44	43.18	0.02	0	2.03	0	16.56	226.2	4.89
43.09	148.67	0.03	4.58	44.4	0.01	0	2.99	0	9.57	197	6.29
45.36	155.43	0.21	4.74	51.23	0.01	0	2.47	0	7.94	212.94	2.85
48.5	165.05	0.16	4.89	42.32	0.01	0	2.45	0	15.87	199.79	10.78
50.61	166.35	0.13	4.64	44.25	0.05	0	3.12	0	11.75	205.7	6.81
53.13	167.86	0.2	4.7	44.05	0.01	0	3.1	0	9.16	212.8	5.7
55.04	167.08	0.13	4.92	46.59	0.01	0	3.29	0	18.18	232.96	5.7
57.18	174.51	0.02	5.25	44.49	0	0	3.67	0	9.28	216.91	4.11
56.1	172.24	0.12	5.52	39.64	0	0	4.12	0	20.28	244.6	8.51
53.16	172.4	0.01	5.78	49.29	0.05	0	7.32	0	16.28	212.54	8.55
44.67	146.61	0.14	5.17	46.3	0.03	0	6.14	0	13.68	204.61	6.51
37.33	133.45	0.03	4.54	63.75	0.04	0	4.8	0	18.99	185.9	15.47
41.19	136.18	0	4.79	62.87	0	0	5.11	0	13.87	193.48	22.79
46.9	150.31	0	4.92	52.6	0	0	7.98	0	12.5	213.86	21.37
49.99	153.8	0	4.7	50.55	0	0	5.16	0	18.47	236.55	9.98
51.78	154.18	0	4.46	47.14	0	0	5.57	0	8.91	226.92	10.47
54.71	159.36	0.27	4.82	51.83	0.02	0	3.67	0	9.08	216.51	17.29
51.99	156.7	0.03	4.47	47.05	0	0	1.07	0	13.31	257.91	9.71
52.18	170.07	0.17	4.49	77.04	0.01	0	1.67	0.32	17.79	222.75	9.77
53.55	171.12	0.12	4.88	58.9	0	0	1.97	0.32	12.08	243.1	12.83
52.53	171.12	0	5.41	58.54	0	0	3.42	0.31	8.93	263.19	33.65
49.67	147.64	0	5.89	59.66	0	0	1.41	0.31	8.26	278.2	21.1
50.29	137.56	0.02	6.49	73.66	0	0	3.09	0.3	12.86	265.57	19.7
47.04	127.04	0.01	7.4	87.76	0.01	0	6.66	0.29	13.1	279.28	23.28
50.12	138.25	0.56	8.17	95.28	0	0	5.79	0.29	18.05	274.59	26.36
49.21	133.5	0.36	8.15	65.92	0	0	4.58	0.36	16.17	313.76	27.94
52.34	137.76	0.18	8.18	76.91	0	0	3.39	0.42	17.44	321.47	28.01
54.32	139.1	0.21	8.18	80.39	0.01	0	3.6	0.42	27.57	336.2	14.55
56.71	162.72	9.49	8.15	74.48	0.04	0	4.02	0.51	25.32	342.16	14.14
53.98	152.08	12.06	8.09	77.78	0.02	0	4.21	0.5	31.83	350	13.22
44.16	156.49	8.75	8.03	102.45	0.01	0	4.56	0.48	27.19	344.16	12.93
43.87	153.12	18.3	7.88	97.86	0.02	0	4.86	0.54	22.87	337.2	14.11

46.06	138.38	12.07	7.51	82.41	0.01	0	5.11	0.69	34.73	319.66	9.53
44.83	138.65	11.23	7.8	96.1	0.03	0	5.25	0.55	27.2	339.31	16.18
44.76	140.42	14.87	7.64	129.66	0.04	0	2.76	0.57	39.89	300.1	10.1
50.32	139.57	15.38	7.53	112.25	0.03	0	3.26	0.61	28.57	303.58	10.74
52.2	148.39	15.91	8.15	136.98	0.07	0	3.73	0.56	38.61	292.34	19.35
52.76	150.46	15.98	8.02	136.96	0.05	0	3.74	0.61	37.94	270.34	22.1
48.54	142.53	15.52	7.81	141.87	0.05	0	3.3	0.62	38.38	284.64	18.91
53.06	143.98	17.05	7.07	139.87	0.07	0	4.71	0.54	37.85	269.29	21.44
56.55	151.92	19.2	8.2	134	0.08	0	3.3	0.47	39.59	294.35	20.03
60.16	183	21.08	8.25	134.04	0.1	0	2.72	0.6	36.83	278.88	23.49
55.19	209.8	13.89	8.29	141.3	0.15	0	3.04	0.59	35.59	270.9	20.92
60.75	230.1	18.48	7.96	145.24	0.14	0	3.36	0.48	35.23	285.25	21.73
58.63	254.73	24.53	7.66	145.13	0.2	0	2.96	0.44	37.62	238.14	28.4
61.29	286.51	25.4	7.34	146.3	0.14	0	2.84	1.12	36.56	304	25.95
64.33	290.15	36.1	8.25	157.35	0.19	0	2	0.38	36.98	239.84	24.35
67.51	304.49	19.1	8.23	159.74	0.06	0	1.97	0.38	34.79	328.84	31.34
68.28	298.4	17.65	8.35	157.06	0.05	0	1.71	0.37	29.38	303.99	31.68
68.8	302.44	25.09	8.05	157.81	0.05	0	0.63	0.36	25.43	297.61	31.3
57.84	260.75	18.65	7.91	152.52	0.18	0	4.87	0.37	36.09	314.92	33.91
69.16	270.39	17.84	8.4	156.14	0.14	0	3.2	0.37	28.13	294.53	34.19
62.32877	242.3562	19.86301	7.863014	203.3973	1.671233	0	10.9589	0.356164	25.53425	299.8356	39.9726
62.60274	191.9178	20.10959	7.123288	201.2055	1.589041	0	12.32877	0.356164	26.10959	391.2329	33.94521
64	191.0685	20.9863	8.794521	220.0548	1.643836	0	11.86301	0.356164	28.9589	430.1096	41.15068
66.43836	241.5616	21.39726	7.753425	223.0137	1.616438	0	10.24658	0.356164	29.86301	360.0822	40.93151
85.44	397.89	123.31	8.53	6.23	0.42	0	3.19	0	100.45	197.99	440.35
78.36	389.59	157.03	9.45	7.82	0.5	0	4.05	0	109.38	204.32	432.57
91.02	394.43	94.89	10.09	7.08	0.39	0	3.37	0	118.21	234.9	445.5
85.45	378.56	88.92	11.38	7.13	0.28	0	3.62	0	113.06	235.37	457.81
85.78	391.73	48.74	10.71	6.35	0.16	0	4.13	0	137.06	200.57	447.15
88.19	415.53	43.52	10.68	6.44	0.33	0	2.89	0	137.77	198.56	416.14
98.44	388.24	39.95	10.8	6.83	0.32	0	2.46	0	143.28	224.93	413.04
101.89	417.51	30.77	18	7.75	0.28	0	3.67	0	143.82	234.03	412.72
114.56	426.39	44.6	18	7.69	0.18	0	2.46	0	139.28	301.13	440.43
116.27	450.06	38.59	18.94	8.69	0.26	0	2.48	0	138.77	222.8	436.62
125.39	459.79	55.89	24.02	7.5	0.35	0	3.15	0	140.72	263.54	442.82
122.48	463.96	67.44	22.52	7.77	0.28	0	2.71	0	136.97	279.22	441.81
105.33	456.14	91.46	30.3	8.17	0.34	0	2.1	0	143.58	291.83	431.54
109.43	482.42	115.07	22.2	7.43	0.3	0	2.07	0	140.59	314.04	451.81
113.18	492.25	74.97	25.66	9.54	0.32	0	3.33	0	135.94	316.04	475.11
140.84	542.75	71.24	25.86	8.31	0.35	0	3.24	0	144.19	350.72	462.47
138.4	563.16	96.62	29.22	9.21	0.34	0	3.23	0	142.68	332.47	421.87
149.84	535.97	79.99	28.97	8.21	0.38	0	3.81	0	151.21	286.32	413.6
129.48	550.6	80.94	37.33	8.43	0.26	0	3.94	0	144.54	303.45	408.49
148.82	516.9	73.47	32.79	9.57	0.39	0	3.48	0	144.39	355.98	406.25
121.56	517.26	106.9	36.19	8.57	0.48	0	3.59	0	138.89	332	412.32
137.74	475.16	84.55	30.89	6.68	0.2	0	3.92	0	142.63	326.99	379.83
129.63	492.41	83.81	26.76	8.75	0.33	0	4.78	0	144.52	342.37	384.19
128.11	475.24	68.11	25.31	8.29	0.26	0	5.86	0	134.63	323.59	363.9
161.72	499.1	87.08	25.49	7.84	0.32	0	5.82	0	138.9	308.16	343.63

131.6	473.16	64.6	25.29	7.8	0.3	0	5.09	0	135.71	311.25	345.59
158.08	487.93	61.38	25.67	8.47	0.38	0	6.24	0	143.46	328.39	341.4
146.71	488.72	106.51	26.13	9.57	0.55	0	5.97	0	142.21	334.13	359.26
163.7	483.43	92.15	26.72	10.73	0.36	0	6.31	0	140.94	341.14	357.49
157.11	461.78	86.65	26.12	8.59	0.41	0	8.82	0	130.16	340.35	353.36
199.23	489.19	134.65	25.94	7.02	0.7	0	8.67	0.06	130.87	319.74	355.06
184.27	498.47	116.92	26.34	11.53	0.66	0	7.79	0.08	133.05	326.57	341.36
175.5	452.26	171.01	26.69	10.7	0.46	0	8.9	0.02	132.51	353.55	356.95
146.1	399.67	203.93	28.37	12.56	0.62	0	8.32	0.07	135.21	314.22	373.23
178.37	456.63	164.84	30.88	10.11	0.91	0	8.68	0.06	140.57	322.96	385.1
172.08	514.99	187.51	40.81	12.86	0.75	0	10.51	0.07	141.6	521.9	374.01
180	544.99	178.82	35.11	12.26	0.82	0	10.08	0.04	142.32	432.91	380
170.53	543.57	227.25	33.97	11.03	0.94	0	9.58	0.04	139.81	542.15	380.22
181.3	541.11	228.46	36.7	13.07	0.9	0	10.21	0.03	144.77	526.45	369.69
171.13	566.03	222.41	41.3	12.97	0.97	0	11.42	0.03	135.1	515.31	389.61
161.41	536.03	197.51	47.35	13.4	1.17	0	13.22	0.04	141.71	516.66	390.65
160.03	544.36	200.88	51.02	13.67	1.34	0	13.46	0.04	143.77	511.56	396.1
167.85	515.51	188.18	55.76	12.59	1.11	0	13.62	0.02	147.49	507.24	404.87
170.32	520.22	183.05	64.42	10.57	0.99	0	12.9	0.01	149.65	588.49	387.86
169.83	492.72	188.65	59	14.54	1.03	0	14.64	0.01	149.27	545.87	400.78
172.48	481.57	167.78	59.46	13.87	1.22	0	11.42	0.03	136.77	590.43	386.4
189.42	495.63	166.09	65.85	11.5	1.09	0	13.38	0.12	137.37	572.87	403.22
172.29	508.16	189.13	67.7	7.88	1.13	0	13.07	0.12	161.89	569.98	370.88
168.4	459.51	154.06	70	13.7	1.53	0	13.49	0.11	173.99	551.83	369.38
163.53	471.35	174.45	71.68	12.7	1.06	0	12.42	0.07	170.73	548.23	395.52
166.97	493.76	156.28	69.75	12.14	1.08	0	14.69	0.11	164.66	560.16	395.93
164	519.98	149.11	66.95	12.79	1.24	0	12.29	0.09	167.55	545.02	379.57
170.16	524.17	133.18	72.34	13.58	1.35	0	12.94	0.12	167.95	554.89	382.41
182.3288	285.3973	122.9315	69.39726	12.68493	1.315068	0	10.93151	0.328767	230.6027	556.3562	340.8493
150.3288	277.2877	116.2192	69.67123	13.0137	1.342466	0	7.753425	0.328767	247.3151	560.6027	354.6027
146.5753	298.6575	96.68493	70.79452	12.87671	1.39726	0	6.931507	0.328767	229.6438	553.2329	341.9726
153.9726	305.0137	100.0548	74.43836	13.09589	1.452055	0	7.506849	0.328767	254.3836	550.5205	354.6027
110.49	602.3	5.5	4.47	26.74	0	0	0	0	55.21	199.29	34.42
111.24	602.58	5.88	4.46	26.6	0	0	0	0	54.93	198.67	33.44
111.3	585.92	5.26	4.45	26.6	0	0	0	0	54.59	194.41	32.46
112.64	580.24	5.24	4.43	26.58	0	0	0	0	54.04	189.91	31.5
115.18	580.63	5.56	4.42	25.69	0	0	0	0	63.11	199.56	30.46
115.16	579.45	5.03	4.5	26.3	0	0	0	0	62.81	200.13	16.58
116.37	574.72	5.05	4.58	25.34	0	0	0	0	64.32	194.47	16.2
121.94	573.33	5.09	4.65	28.52	0	0	0	0	57.06	184.25	19.01
105.42	570.85	5.24	4.71	35.16	0	0	0	0	52.43	178.64	27.49
103.79	563.33	6.75	4.77	33.97	0	0	0	0	48.52	109.75	31.19
112.04	532.76	7.92	4.82	37.8	0	0	0	0	42.65	103.62	38.28
95.43	499.7	9.19	4.86	40.31	0	0	0	0	44.11	93.79	40.71
86.73	449.94	7.59	4.72	42.13	0	0	0	0	47.25	100.72	76.55
78.5	397.45	7.53	4.58	39.1	0	0	0	0	50.28	88.37	77.24
83.03	429.86	5.07	4.66	44.84	0	0	0	2.52	36.64	85.61	71.4
87.61	416.12	6.83	4.81	60.93	0	0	0.07	0	46.01	92.94	62.99
91.6	477.03	6.32	4.94	64.86	0.01	0	0.02	0	51.04	79.62	72.42

96.25	476.72	8.69	4.84	100.56	0	0	0	0	52.9	88.4	86.4
96.12	462.45	11.16	4.91	79	0	0	0	0	52.03	76.12	79.6
99.57	466.32	6.95	4.86	93.28	0	0	0	0	48.88	75.95	94.59
100.29	476.35	9.7	5.24	98.87	0	0	0	0	51.26	92.41	121.9
95.13	482.81	7.61	5.15	89.22	0	0	0.02	0	54.19	93.42	131.74
89.11	499.57	6.02	5.06	110.98	0	0	0.11	0	59.18	116.63	205.51
84.22	517.26	4.45	5.06	120.47	0	0	0	0	55.47	93.11	212.32
84.84	533.38	2.92	5.21	130.32	0	0	0	0	57.53	103.99	211.04
88.83	458.64	1.89	5.37	142.99	0	0	0	0	64.75	87.34	190.96
87.65	455.85	4.91	5.36	140.03	0	0	0	0	66.45	100.88	190.41
87.58	461.56	6.05	5.29	139.59	0.43	0	0.01	0	75.82	107.23	186.72
90.65	433.04	5.59	5.34	147.14	0.08	0	0.02	0	78.19	106.98	198.52
91.55	400.7	6.74	5.4	132.7	0	0	0.01	0	75.8	97.31	206.89
91.84	382.36	7.8	5.3	114.06	0.18	0	0.01	0	77.07	92.86	256.95
83.86	409.47	8.4	5.09	133.32	0.07	0	0	0	64.33	69.09	255.27
65.71	423.31	10.81	4.83	132.7	0.06	0	0	0	79.14	141.81	208.29
69.32	397.23	7.53	4.9	100.41	0	0	0.01	0	66.62	139.39	224.46
68.48	381.09	7.35	4.62	118.79	0.09	0	0	0	87.57	143.38	173.25
72.39	385.78	6.01	4.56	111.39	0	0	0	0	80.11	160.56	176.32
74.81	384.4	11.73	4.43	189.47	0.09	0	0	0	81.51	73.01	184.48
78.35	377.65	8.44	4.4	148.16	0	0	0	0	87.55	73.37	244.19
77.27	372.51	8.27	5.46	159.61	0.08	0	0	0	89.7	90.73	189.06
89.78	338.85	13.26	6.95	129.39	0.09	0	0	0.02	112.77	88.67	211.08
91.48	361.26	12.43	7.45	71.03	0.1	0	0	0	111.61	54.11	304.52
92.13	374.91	13.53	9.43	68.99	0.01	0	0	0.02	100.36	55.24	324.86
91.82	369.29	17.87	9.6	72.35	0	0	0	0.02	92.17	100.01	313.95
91.68	369.06	19.31	7.65	78.9	0.01	0	0.02	0	94	51.72	315.61
89.57	401.88	23.7	7.55	83.17	0.01	0	0.01	0	88.67	104	257.03
86.91	365.62	17.45	6.07	92.34	0	0	0	0	89.66	86.39	254.6
79.2	366.15	16.48	8.88	84.54	0.05	0	0.1	0	104.53	134.79	290.04
74.76	391.58	13.65	7.8	109.19	0.14	0	0.58	0	98.3	121.35	286.58
77.07	359.15	26.64	10.46	110.8	0.06	0	0.35	0	98.26	114.59	279.94
77.58	401.64	20.09	8.91	111.2	0.05	0	0.07	0	97.59	101.68	270.29
77.72	406.45	20.31	11.76	117.99	0.13	0	0.02	0	98.03	108.17	270.06
79.37	431.67	26.66	11.95	113.76	0.25	0	0.03	0	94.83	125.29	283.44
78.42	442.23	18.88	15.34	132.67	0.14	0	0.01	0.01	99.15	142.77	276.07
84.41096	264.6301	22.84932	14.13699	187.3973	0.164384	0	0	0.027397	108.8767	119.9726	304.5753
84.73973	254.137	22.87671	14.19178	161.9726	0.191781	0	0	0	108.9315	127.9726	322.6301
82.08219	251.863	22.71233	14.13699	148.1918	0.164384	0	0.027397	0	108.4658	132.0548	294.9589
81.69863	247.1233	22.35616	14.08219	145.4795	0.164384	0	0	0	108.0274	139.8356	313.863
17.62	188.21	21.2	1.91	251.78	3.4	0	0.29	0	116.56	81.27	121.05
17.91	169.97	19.41	2.04	255.72	4.75	0	0.5	0	118.54	116.6	132.77
18.93	179	26.04	1.98	246.46	3.55	0	0.25	0	115.59	105.95	125.22
19.64	185.62	31.17	2.31	244.01	3.47	0	0.3	0	117.09	82.18	125.14
17.8	175.83	17.69	2.39	233.4	2.74	0	0.28	0	115.08	93.74	124.49
18.45	174.36	32.03	2.37	238.04	3.52	0	0.31	0	110.14	91.79	121.79
19.91	152.11	34.58	2.13	219.93	3.95	0	0.23	0	110.27	104.51	136.19
18.52	158.4	35.93	2.18	198	2.45	0	0.16	0	109.56	92.35	169.02
17.84	156.18	20.78	2.35	177.98	1.13	0	0.26	0	112.4	89.41	175.33

19.03	188.22	26.24	2.71	191.37	1.55	0	0.07	0	112.87	73.77	196.07
17.94	178.22	28.32	2.67	191.83	2.88	0	0.02	0	116.47	76.86	204.08
19.69	197.59	20.05	3.29	192.48	2.77	0	0.08	0	114.45	64.89	195.11
16.04	186.69	32.91	3.54	194.28	3.04	0	0.07	0	119.67	67.17	193.31
18.2	209.26	27.46	6.75	205.52	4.91	0	0.04	0	110.53	75.86	189.64
24.14	193.34	31.93	7.72	216.27	3.2	0	0.09	0	120.35	74.52	186.05
26.74	231.82	39.46	7.85	213.15	3.48	0	0.1	0	114.59	69.21	176.67
35.52	284.92	35.04	9.54	209.5	3.46	0	0.08	0	119.39	73.56	180.42
37.97	256.2	36.81	10.73	202.97	4.2	0	0.09	0	124.84	75.43	186.53
34.35	247.7	32.59	19.17	227.51	3	0	0.08	0	115.73	75.85	190.39
30.38	254.41	30.85	16.65	201.75	3.23	0	0.12	0	125.25	75.84	196.26
25.59	268.06	43.88	16.66	189.82	2.52	0	0.08	0	131.46	71.87	205.21
28.56	227.32	38.76	16.73	197.18	3.07	0	0.27	0.32	122.97	77.65	211.74
27.23	244.6	42.17	17.79	191.41	4.5	0	0.19	0.18	120.78	82.8	202.81
29.51	263.02	50.61	16.9	190.72	3.89	0	0.21	0.2	132.36	86.15	209.44
31.72	253.4	51.02	16.19	188.73	3.92	0	0.21	0.19	133.08	87.38	209.47
33.53	243.87	44.18	18.46	190.51	3.79	0	0.06	0	149.78	84.23	210.09
42.23	259.93	47.38	20.67	186.29	4.33	0	0.15	0	133.37	75.1	210.53
40	310.49	40.34	27.49	181.88	3.8	0	0.06	0	145.47	91.17	206.26
37.71	288.67	55.59	31.55	181.45	4.37	0	0.18	0	147.5	104.75	230.29
46.51	256.68	45.8	39.53	186.89	5.05	0	0.31	0.41	122.2	118.2	217.46
50.38	272.6	51.16	37.35	183.02	3.84	0	0.37	0.35	117.46	118.81	221.8
49.67	278.58	56.76	41.9	175.46	3.88	0	0.42	0.52	115.91	126.46	230.31
48.95	283.47	40.19	43.96	179.31	4.2	0	0.67	0.23	105.32	157.7	231.25
52.39	312.9	49.74	47.09	160.64	3.99	0	0.78	0.6	105.24	164.55	232.8
43.26	308.08	52.96	47.54	164.53	4.55	0	0.64	0.62	113.7	214.05	237.19
43.35	283.81	44.33	49.83	160.2	4.91	0	1.03	0.6	109.68	199.29	246.8
42.12	286.62	59.14	50.66	156.13	4.05	0	1.03	0.67	106.67	216.84	257.65
49	283.48	50.07	45.17	154.21	4.24	0	0.7	0.71	104.85	203.46	254.36
47.84	298.03	46.52	49.8	153.6	4.01	0	0.79	0.51	103.01	190.17	267.25
50.79	304.04	45.8	50	151.82	4.45	0	1	0.55	103.66	233.24	269.95
46.14	305.4	51.02	64.74	155.7	5.06	0	1.12	0.69	110.75	237.99	266.72
47.18	338.35	51.01	68.75	144.66	5.72	0	1.31	0.67	101.26	214.76	273.78
47.28	351.52	55.17	69.8	130.99	4.91	0	1.26	0.81	105.64	221.27	292.93
48.19	336.17	48.3	76.73	153.58	5.64	0	1.25	0.71	103.31	229.76	287.94
47.26	336.08	50.2	76.5	140.91	5.88	0	1.96	0.66	103.29	199.83	287.23
46.65	307.84	42.33	81.22	140.4	5.33	0	2.14	0.74	105.59	206.06	288.44
43.73	344.93	50.28	89.99	141.82	6.55	0	1.72	0.86	102.53	199.68	299.64
44.88	331.45	48.54	94.75	147.3	5.04	0	2.27	0.91	96.4	183.39	296.02
45.47	370.59	58.01	98.98	162.4	4.93	0	2.49	0.73	96.72	221.89	291.88
40.62	330.08	57.13	104.63	165.04	6.42	0	1.8	0.8	87.99	218.79	314.39
43.88	348.46	58.29	104.34	141.9	5.74	0	2.28	0.44	80.9	207.86	306.75
44.61	362.97	64.31	106.49	125.25	5.81	0	2.25	0.81	91.31	199.53	289.01
44.74	325.03	52.86	105.51	124.83	5.85	0	2.5	0.82	96.04	198.69	312.37
40.41096	53.94521	59.28767	106.1096	158.8219	5.342466	0	1.369863	1.452055	103.9726	189.1781	299.3425
39.9726	51.45205	60.05479	106.9041	181.6164	4.821918	0	1.205479	1.479452	117.0959	172.4658	305.5616
38.54795	52.79452	60.93151	106.9589	167.9178	5.424658	0	1.150685	1.479452	95.91781	184.5205	310.3836
38.9863	50.93151	51.9726	103.9178	155.1233	4.931507	0	1.506849	1.506849	105.8356	200.4932	340.6849
56.44	119.74	24.09	2.1	101.75	1.46	0	0.82	0	65.98	366.27	163.64



55.85	124.96	23.15	2.03	94.82	1.5	0	0.8	0	65.73	368.25	174.09
59.59	139.17	24.38	2.72	95.12	1.58	0	0.8	0	65.93	359.37	176.08
61.56	191.31	27.72	3.15	93.4	1.69	0	0.96	0	65.99	343.05	176.21
59	179.78	25.92	3.79	92.77	1.56	0	1.09	0	67.19	358.22	205.69
58.92	168.83	27.63	4.12	91.83	1.35	0	0.9	0	68.41	335.37	175.42
60.93	157.66	24.85	4.9	82.65	1.37	0	1.1	0	70.56	306.14	192.69
64.5	136.65	23.94	5.95	81.38	1.46	0	0.29	0	71.05	319.37	183.57
67.55	152.01	34.02	6.81	82.19	1.38	0	0.85	0	73.82	325.38	198.27
68.12	175.02	30.72	9.48	92.29	1.59	0	0.74	0	73.76	296.43	117.52
71.28	162.05	27.37	10.19	87.95	1.76	0	0.83	0.03	77.1	273.33	205.28
71.25	175.98	27.3	11.93	89.12	1.41	0	0.8	0	72.07	250.41	215.68
65.81	209.48	31.27	12.99	106.34	1.67	0	1.01	0	73.68	232.62	183.64
69.74	189.02	31.55	13.11	100.11	1.76	0	1.18	0	73.2	218.22	165.67
74.68	169.25	30.55	12.72	114.25	1.68	0	0.96	0	68.72	215.64	161.16
73.85	160.21	27.17	12.17	98.76	1.5	0	0.75	0.28	69.48	197.71	162.27
76.38	174.03	29.99	13.86	102.05	1.93	0	0.81	0	70.97	194.5	170.26
78.51	158.72	29.72	13.5	103.27	2.06	0	0.69	0.04	73.63	195.91	166.69
74.32	172.54	32.11	14.61	107.26	1.76	0	0.7	0	75.33	193.31	167.33
73.02	153.77	33.75	17.06	95.01	1.68	0	0.58	1.39	65.82	207.9	178.14
73.3	147.04	29.93	15.87	98.71	1.81	0	0.67	1.77	63.35	211.17	108.18
72.31	153.04	34.42	16.45	102.58	1.83	0	0.59	0.74	62.77	215.78	172.22
70.9	172.09	31.62	18.63	97.19	2.09	0	0.58	0	63.77	232.91	164.5
73.42	162.66	31.09	17.53	98.54	1.75	0	0.54	0	62.38	226.18	176.58
74.57	135.77	32.24	17.82	103.61	1.66	0	0.5	0.01	68.97	236.51	173.78
78.95	143	29.18	17.99	113.8	1.53	0	0.53	0	62.41	224.55	169.64
77.38	146.28	31.95	19.55	112.12	1.53	0	0.64	0	56.62	237.86	178.33
73.54	128.94	27.74	17.08	110.14	1.94	0	0.5	0	60.25	215.26	166.36
76.32	118.27	26.53	19.56	108.43	1.41	0	0.56	0.14	58.49	221.64	179.75
84.12	140.23	30.46	23.09	113.04	1.82	0	0.62	0.12	62.67	222.49	157.9
83.33	146.79	30.65	23.82	126.32	2.01	0	0.72	0.16	60.7	210.91	164.29
83.38	154.68	41.59	27.41	132.14	1.71	0	1.1	0.13	59.09	202.32	166.55
82.32	158.7	46.71	27.98	138.21	1.96	0	0.48	0.22	55.26	213.36	162.97
78.57	154.31	49.25	29.62	140.86	1.97	0	0.46	0.13	56.37	199.63	170.88
78	157.93	42.81	29.98	129.32	1.99	0	0.49	0.13	54.92	205.96	170.79
77.3	167.41	51.03	30.76	133.83	1.69	0	0.95	0.24	54.49	224.35	176.35
79.8	139.21	48.17	31.96	136.67	2.38	0	2.46	0.33	54.46	227.49	179.72
76.8	129.12	48.12	30.63	131	2.06	0	1.74	0.44	55.18	240.85	180.27
77.67	132.64	50.67	31.77	129.16	1.64	0	1.43	0.5	58.42	236.56	187.24
78.41	103.37	50.11	31.01	129.95	1.86	0	0.86	0.3	57.33	259.44	194.21
73.95	127.01	49.51	32.63	128.99	1.97	0	1.38	0.35	62.94	259	186.86
71.49	114.28	46.99	34.3	131.12	2.06	0	1.11	0.43	64.09	272.46	190.33
69.66	119.8	50.57	36.99	131.41	1.87	0	1.73	0.39	67.92	280.2	184.32
70.73	126.11	53.19	40.87	129.23	1.73	0	1.81	0.45	69.72	295.36	174.99
71.98	120.63	54	40.59	132.2	1.95	0	1.79	0.47	74.39	282.85	179.37
72.43	120.36	58.04	41.33	129.3	2.06	0	1.73	0.53	77.22	286.79	177.01
70.83	118.07	55.56	43.32	130.06	1.89	0	1.9	0.51	74.02	293.26	174.13
69.54	111.72	54.25	43.68	135.75	1.91	0	1.63	0.56	75.17	294.12	174.02
65.68	122.88	54.78	40.18	136.2	1.86	0	1.67	0.9	74.54	302.92	172.14
63.07	118.32	56.42	44.08	136.08	1.88	0	1.7	0.67	72.19	280.87	174.08

62.7	135.17	61.83	55.48	120.4	1.61	0	1.96	0.6	72.93	283.6	183.11
65.59	123.48	61.71	60.21	119.25	1.48	0	1.81	1.06	69.14	279.9	175.56
63.25	116.53	60.75	47.82	127.58	1.62	0	1.88	0.68	66.85	278.83	171.76
53.72603	58.30137	43.09589	53.72603	178.0274	1.561644	0	1.09589	2.027397	179.863	300	165.2055
49.91781	50.63014	42.49315	52.52055	177.0411	1.534247	0	1.068493	1.972603	191.4247	301.589	165.0959
48.16438	56.57534	43.23288	53.58904	177.6164	1.534247	0	0.931507	1.835616	189.0685	290.3288	162.3836
49.47945	56.60274	42.49315	54.73973	176.0822	1.589041	0	0.90411	1.890411	194.1096	282.2466	161.6164
64.17	158.03	16.24	9.28	9.02	0.11	0	0.73	0	68.8	69.63	75.99
66.96	157.44	20.17	9.91	9.22	0.1	0	0.54	0	72.53	79.35	76.51
66.09	153.16	21.59	10.01	10.26	0.11	0	0.78	0	72.95	79.18	78.72
66.72	146.2	21.48	10.11	8.9	0.07	0	0.68	0	76.39	74.97	82.37
65.6	138.41	15.4	10.65	10.91	0.08	0	0.91	0	77.85	83.35	81.81
63.86	189.26	16.52	10.73	11.71	0.09	0	0.93	0	79.86	76.33	86.31
63.99	198.57	18.55	10.83	11.96	0.08	0	0.87	0	84.69	76.29	88.16
62.01	194.8	18.62	10.86	12.25	0.12	0	0.92	0	89.99	75.31	88.61
61.25	200.01	21.03	10.94	12.05	0.11	0	3.43	0	94.5	67.49	88.15
59.69	205.4	22	11.36	12.26	0.1	0	3.49	0	99.53	69.73	92.63
58.67	212.03	19.66	11.7	12.17	0.14	0	3.57	0	93.98	89.91	93.7
61.03	253.47	24.06	11.97	12.15	0.13	0	3.23	0	98.8	107.34	97.63
62.08	259.05	25.23	12.83	13.43	0.14	0	3.61	0	106.44	94.28	105.19
65.94	284.41	23.03	13.55	13.21	0.15	0	3.15	0	105.36	100.8	106.84
73.08	256.6	25.45	13.79	13.36	0.11	0	2.89	0.02	119.42	82.5	104.49
80.57	269.72	23.46	14.33	13.19	0.12	0	2.45	0	115.08	75.65	101.84
85.55	277.68	21.18	14.85	13.36	0.12	0	1.92	0	111.94	89.46	101.73
86.12	281.33	31.19	15.59	11.73	0.16	0	4.97	0	119.96	113.11	106.4
85.41	284.93	35.32	16.45	12.92	0.2	0	1.9	0	123.21	125.97	112.33
92.14	354.61	35.28	17.35	12.84	0.49	0	3.94	0.01	124.46	113.89	115.49
98.35	310.08	26.22	18.48	15.54	0.68	0	4.51	0.01	131.64	100.36	129.8
99.36	291.35	31.95	18.9	12.49	0.68	0	6.09	0.01	121.31	115.06	137.3
104.49	279.11	26.01	19.15	13.1	0.52	0	2.02	0	110.45	125.7	131.46
101.35	269.34	31.48	19.89	15.28	0.65	0	3.12	0	128.36	134.03	128.86
95.5	306.92	29.85	22.02	16.16	0.86	0	1.64	0.01	125.26	119.52	129.77
93.1	276.35	28.16	25.58	12.14	0.85	0	1.93	0	127.97	129.36	111.57
90.62	260.53	26.62	25.03	8.56	0.93	0	1.4	0	123.32	123.87	107.56
91.79	248.54	26.24	24.96	12.54	1.1	0	1.29	0	123.75	136.48	112.11
83.38	248.4	29.08	22.83	13.47	0.94	0	1.48	0.01	131.49	141.83	113.09
81.28	267.94	35.4	27.13	11.17	1.13	0	1.58	0.01	141.77	142.86	114.32
87.91	226.88	33.32	31.02	8.45	1.22	0	1.73	0.01	133.47	146.94	113.03
90.22	270	32.71	32.71	11.9	1.02	0	1.35	0.01	134.71	148.56	111.46
88.31	293.99	30.7	37.69	12.72	1.04	0	2.4	0.01	136.61	134.12	112.22
94.11	268.83	31.52	40.04	13.63	0.93	0	1.82	0.02	133.06	117.63	120.44
88.33	250.92	33.05	43.42	12.04	1.01	0	1.7	0.01	131.1	116.76	108.81
84.77	252.24	32.32	42.3	14.41	1.13	0	2.05	0.02	133.52	126.49	104.34
87.14	258.89	34.13	48.36	14.68	1.15	0	1.84	0.02	124.29	153.25	101.17
93.53	264.86	33.12	52.64	13.69	1.31	0	4.26	0.02	128.3	162.03	98.21
95.55	282.09	38.15	55.78	14.69	1.43	0	4.47	0.02	129.58	196.76	98.67
100.8	291.83	41.5	58.53	14.91	1.2	0	5.07	0.02	133.44	175.24	97.86
103.21	303.02	40.98	61.14	14.19	1.26	0	5.92	0.02	137.97	191.36	98.97
104.88	300.55	37.47	64.52	13.88	1.29	0	5	0.03	138.67	182.17	97.41

100.25	301.81	43.58	67.06	15.1	1.51	0	6.38	0.03	139.41	187.82	96.98
100.74	302.81	40.72	69.6	14.05	1.43	0	6.41	0.03	137.51	186.28	94.56
100.09	304.02	41.93	74.89	14.74	1.62	0	5.93	0.03	128.34	179.52	93.74
101.49	293.28	41.27	76.04	16.41	1.61	0	5.75	0.04	133.83	173.98	93.13
102.06	300.93	45.29	76.38	15.94	1.6	0	6.08	0.04	133.98	181.67	94.68
103.42	300.41	42.45	77.62	14.39	1.36	0	6.16	0.04	135.19	175.72	90.87
104.53	300	38.55	77.88	15.2	1.21	0	4.74	0.04	137.53	155.53	91.44
103.23	293.93	39.46	79.37	14.57	1.33	0	3.64	0.04	137.34	159.32	93.15
100.3	305.95	36.91	80.94	15.74	1.5	0	4.33	0.05	135.53	146.38	94.63
100.17	313.66	44.4	81.77	14.32	1.5	0	4.42	0.05	140.21	169.78	93.05
101.93	307.9	40.71	82.53	15.46	1.73	0	4.05	0.05	134.03	157.5	96.48
98.49315	310.7945	41.20548	83.15068	23.58904	1.39726	0	5.287671	0.054795	134.9041	168.2192	98.43836
100.274	327.9452	41.91781	84.90411	22.49315	1.69863	0	5.041096	0.054795	137.3151	177.6986	92.27397
100.7671	336.411	42.35616	86.9863	22.93151	1.945205	0	4.958904	0.054795	129.6986	191.2329	94.93151
103.1233	327.3973	42.35616	89.09589	24.43836	3.232877	0	5.123288	0.054795	131.6712	212.1644	91.94521
48.55	0	0	7.57	33.52	0	0	9.67	0	56.7	620.55	130.05
67.46	0	0	7.67	31.31	0	0	9.39	0	77.71	616.44	127.85
67.31	0	0	7.61	38.81	0	0	9.51	0	63.88	607.76	153.79
74.68	0	0	7.7	25.03	0	0	9.26	0	58.78	587.12	190.67
69.54	0	0	7.64	64.31	0	0	9.01	0	67.54	575.13	128.37
54.63	0	0	7.73	83.74	0	0	9.13	0	65.23	577.31	145.38
62.67	0	0	7.74	91.03	0	0	8.9	0	79.07	607.19	140.03
61.45	0	0	7.76	58.58	0	0	8.48	0	86.8	629.87	150.76
52.5	19.4	0	7.84	54.09	0	0	8.6	0	95.08	629.75	146.01
55.8	19.1	0	7.97	43.03	0	0	8.41	0	97.4	627.65	190.78
55.38	24.08	0	8.1	78.84	0	0	8.22	0	86.88	657.36	167.09
59.54	23.82	0	8.34	83.09	0	0	8.04	0	95.91	660.4	163.13
57.92	30.9	0	11.54	114.37	1.05	0	8.45	0	75.66	685.39	158.44
55.14	32.17	0	12.12	120.72	0.23	0	8.16	0	81.13	686.94	137.48
54.42	26.12	2.45	11.47	79	0.29	0	8.13	0	103.63	696.1	157.74
58.68	28.76	2.46	11.18	108.64	0.11	0	8.11	0	54.19	688.52	129.01
65	24.35	1.83	11.01	97.61	0.21	0	7.66	0	68.12	655.91	105.9
57.04	29.91	2.16	11.49	106.22	0.11	0	7.64	0	80.42	643.64	106.93
58.85	35.2	2.95	12.72	120.75	0.26	0	7.5	0	105.72	630.87	136.73
56.22	30.96	3.59	10.61	35.37	0.2	0	7.6	0	91.13	578.87	282.94
46.36	50.27	1.57	11.06	123.92	0.24	0	7.34	0	84.45	565	153.17
46.71	39.41	2.26	10.86	124.54	0.19	0	7.21	0	95.55	590.84	145.69
44.71	23.73	1.72	11.14	120.36	0.37	0	6.85	0	73.08	573.56	141.57
44.49	28.12	1.83	12.15	100.37	0.23	0	6.74	0	69.46	565.1	143.42
41.52	27.29	1.72	11.67	105.04	0.13	0	6.52	0	88.73	540.12	141.91
37.11	18.45	2.1	12.84	110.36	0.13	0	6.64	0	87.14	519.44	145.89
44.04	35.2	1.74	13.45	115.11	0.21	0	6.95	0	81.37	498.86	139.95
40.03	27.58	1.65	12.49	130.9	0.2	0	7.55	0	83.62	425.34	155.13
49.53	28.85	0.87	12.55	152.95	0.2	0	7.44	0	80.28	395.64	117.4
36.17	33.08	1.85	12.81	148.83	0.12	0	8.89	0	81.67	449.22	133.81
41.4	33.45	1.75	15.91	149.43	0.23	0	10.52	0	102.03	444.15	140.71
41.96	35.06	2.33	16.21	150.23	0.23	0	6.38	0	95.26	433.1	137.73
39.09	36.64	1.11	18.51	142.54	0.22	0	6.29	0	98.64	473.02	157.32
40.44	37.48	1.86	18.63	173.95	0.33	0	7.85	0	97.82	440.81	73.35

48.48	48.76	1.9	27.45	150.14	0.29	0	5.57	0.52	98.06	399.45	91.12
43.48	55.7	2.77	31.41	123.24	0.18	0	6.55	0.71	99.18	431.25	147.01
42.31	33.54	7.14	29.86	133.39	0.49	0	7.58	0.87	108.3	429.71	142.26
41.07	61.55	8.5	36.33	123.29	0.17	0	9.33	1.14	112.66	438.99	169.73
38.71	62.86	7.44	37.33	126.84	0.34	0	6.85	1.13	118.2	457.58	155.93
44.73	49.49	4.24	36.12	115.53	0.33	0	7.87	1.43	116.22	438.39	168.03
50.55	42.24	3.86	42.67	97.85	0.16	0	6.93	0.65	123.29	437.39	212.99
49.88	50.19	5.33	44.14	127.43	0.1	0	6.04	2.13	126.39	448.87	153.62
56.5	28.91	4.23	49.78	134.03	0.03	0	8.5	0.79	128.5	426.76	156.08
54.38	26.19	3.85	50.26	127.58	0.12	0	7.85	0.85	126.57	446.81	156.29
50.83	35.34	4.19	65.51	125.51	2.59	0	7.79	2.73	125.32	445.08	161.03
50.96	33.17	5.67	61.3	142.6	0.45	0	7.43	1.3	125.77	484.71	134.54
50.76	34.91	14.04	59.18	139.88	0.77	0	7.87	1.72	123.77	461.95	133.51
45.82	51.92	12.16	48.65	131.2	0.75	0	7.84	1.49	131.34	476.12	143.6
35.09	97.58	1.4	44.85	116.07	0.94	0	7.35	2.12	125.07	474.72	171.26
37.55	61.42	1.79	40.78	145.37	0.59	0	6.99	0.55	123.07	476.34	158.63
45.11	69.3	1.19	42.74	165.57	0.58	0	6.92	1.55	127.19	423.61	144.91
46.32	68.05	0.97	39.96	176.45	0.14	0	7.08	1	123.76	417.63	139.58
46.28	30.72	1.2	43.53	180.14	0.13	0	7.31	1.67	121.83	441.77	133.26
37.12329	6.465753	0.931507	39.0137	194.4384	0.219178	0	6.767123	4.027397	147.4521	407.2603	81.50685
34.52055	7.726027	0.547945	42.54795	193.0959	0.328767	0	6.767123	4.082192	138.6849	407.9726	102.8219
35.61644	8.90411	0.136986	50.87671	193.9726	0.328767	0	6.739726	4.136986	146.5479	404.411	89.20548
34	5.369863	0.219178	49.26027	192	0.219178	0	6.712329	4.136986	142.3288	388.6575	92.41096
32.99	50.88	5.47	1.51	7.41	0.01	0	2.52	0	22.08	231.87	15.61
34.32	50.08	4.82	1.53	7.13	0.02	0	3.07	0	23.95	232.28	16.45
35.03	52.1	7.46	1.58	9	0.02	0	2.56	0	35.46	242.69	17.14
34.55	51.19	8.99	1.76	8.19	0.02	0	2.81	0	22.83	230.81	17.66
35.56	51	7.71	1.8	9.68	0.02	0	2.34	0	23.37	227.15	20.56
35.33	51.27	6.72	1.96	9.83	0.02	0	2.67	0	34.58	225.08	20.17
36.56	53.75	6.57	2.11	9.95	0.01	0	3.16	0	30.17	225.81	24.7
36.85	53.42	7.28	2.19	9.4	0.01	0	3.81	0	33.37	228.15	26.86
35.8	53.36	7.28	2.37	9.5	0.02	0	4.74	0	26.19	229.68	28.62
37.31	56.81	7.17	2.46	9.47	0.02	0	5.31	0	29.92	212.72	28.69
36.94	56.06	7.25	2.49	10.46	0.03	0	6.22	0	25.39	211.05	28.9
37.46	53.77	7.27	2.45	9.9	0.02	0	6.28	0	30.35	202.88	31.96
36.65	56.64	7.7	2.53	10.09	0.02	0	6.4	0	30.78	205.94	30.18
36.02	50.52	7.71	2.56	9.13	0.01	0	5.87	0	32.91	208.84	29.01
37.89	50.4	6.5	2.59	10.79	0.02	0	6.06	0	45.69	208.84	28.77
37.78	52.73	6.65	2.81	12.57	0.02	0	5.84	0	49.17	204.15	27.48
40.56	59.54	7.25	2.85	15.68	0.02	0	5.93	0	50.36	199.53	30.34
41.05	65.93	6.81	3.1	15	0.02	0	5.55	0	51.73	174.24	33.84
41.53	71.73	9.5	2.99	18.64	0.01	0	5.65	0.01	51.58	171.09	40.62
42.53	71.02	6.6	3.14	17.88	0.02	0	4.97	0.02	52.87	168.04	39.56
42.26	82.46	8.06	3.31	15.88	0.02	0	5.12	0.02	56.77	162.61	38.03
43.56	67.07	12.54	3.74	13.1	0.01	0	5.08	0.04	50.29	166.55	37.98
41.38	74.65	10.73	4.48	15.64	0.02	0	4.84	0.06	41.54	163.06	41
42.26	70.62	6.26	4.35	17.62	0.02	0	4.55	0.07	88.65	158.97	41.08
42.64	99.61	5.34	4.48	20.47	0.02	0	4.76	0.09	86.9	157.15	35.62
45.9	64.93	5.59	4.82	18	0.02	0	4.84	0.1	95.27	161.59	36.74

46.64	67.19	5.41	5.57	20.19	0.02	0	4.68	0.13	80.2	158.71	42.84
46.43	67.6	5.02	5.28	22.79	0.02	0	4.74	0.16	71.25	156.08	44.49
46.5	71.26	4.89	5.02	20.77	0.02	0	4.66	0.2	60.2	155.85	48.66
44.92	64.13	4.65	5.09	25.52	0.06	0	4.84	1.58	72.36	167.07	36.89
45.83	56.63	4.16	5.46	21.75	0.09	0	5.01	0.3	67.73	162.5	39.65
46.96	51.12	6.09	6.31	24.89	0.13	0	4.8	0.82	64.51	165.23	50.59
45.01	50.86	4.1	5.23	24.01	0.16	0	4.62	0.37	69.29	165.1	41.06
41.4	47.49	5.06	4.55	22.68	0.18	0	5.19	0.34	64.85	172.6	39.53
40.51	49.19	4.15	5.24	21.26	0.22	0	4.63	0.36	66.79	173.17	37.65
42.37	49.29	4.35	5.38	20.84	0.28	0	4.7	0.33	59.29	163.77	38.31
41.22	50.84	4.88	6.38	23.3	0.33	0	5.3	0.36	61.17	179.14	46.58
42.74	50.52	4.68	7.26	22.59	0.39	0	5.25	0.37	59.21	180.46	44.37
42.19	47.04	8.76	6.62	24.63	0.47	0	4.62	0.39	58.41	185.49	50.86
44.69	47.24	7.43	7.64	23.76	0.46	0	5.25	0.42	57.67	196.54	52.09
44.64	47.46	11.54	6.79	30.81	0.45	0	5.52	0.41	57.4	194.77	54.09
44.51	46.97	11.64	9.87	31.76	0.44	0	5.94	0.43	53.27	195.72	54.53
44.4	48.61	11.31	12.64	31.97	0.46	0	5.39	0.45	52.73	192.6	55.18
44.59	49.2	8.29	13.02	33.09	0.46	0	5.3	0.46	54.93	196.52	55.1
45.6	46.12	8.14	11.86	35.1	0.45	0	4.94	0.47	53.8	192.79	56.01
46.37	47.33	14.91	13.79	34.41	0.6	0	4.87	0.7	47.02	206.02	59.22
47.41	43.81	21.96	14.59	34.56	0.61	0	5.33	0.8	44.13	211.43	59.84
47.44	42.53	18.79	16.01	36.82	0.62	0	5.36	1.07	45.45	233.01	61.92
46.26	41.98	31.33	15.46	37.27	0.62	0	4.84	0.8	49.55	252.4	64.54
45.18	42.6	31.87	19.22	36.96	0.79	0	4.44	0.82	50.84	252.35	66.24
47.2	42.92	31.4	23.13	37.71	0.82	0	5.05	0.9	51.82	259.65	70.36
47.14	43.29	25.25	22.1	40.85	1	0	5.19	0.74	44.2	262.28	73.04
46.97	42.1	25.93	23.24	41.42	1.03	0	4.93	1.03	42.98	261.56	73.73
45.50685	39.20548	22.13699	22.65753	65.20548	1.315068	0	9.863014	0.794521	44.57534	220.0822	65.26027
51.83562	40.73973	20.41096	22.90411	62.54795	1.150685	0	4.328767	1.068493	34.54795	213.6712	66.16438
51.15068	39.89041	20.68493	18.60274	59.69863	1.589041	0	4.30137	1.123288	34.05479	216.5479	65.89041
52.54795	41.31507	21.91781	19.61644	62.08219	1.808219	0	4.246575	0.60274	38.68493	217.6986	66.71233
397.08	220.26	23.62	0.56	1.64	0.01	0	0	0	8.22	18.46	318.05
334.37	241.58	38.93	0.76	5.31	0.02	0	0	0	13.28	18.24	308.57
341.11	250.65	31.55	0.84	5.15	0.02	0	0	0	28.6	23.75	305
336.58	272.92	33.13	0.82	10.99	0.04	0	0	0	52.65	23.64	326.22
334.57	302.77	37.17	0.89	7.52	0.03	0	0	0	53.82	28.18	348.47
348.06	274.07	31.08	0.87	10.13	0.04	0	0	0	52.26	19.15	345.75
368.44	269.92	33.48	0.93	9.16	0.05	0	0	0	50.81	20.31	333.22
353.09	255.42	30.26	0.45	9.57	0.03	0	0	0	48.14	19.99	318.39
343.71	271.98	30.88	0.44	10.38	0.02	0	0	0	45.59	19.19	318.79
320.12	287.3	32.85	0.43	16.1	0.01	0	0	0	33.79	24.63	351.8
297.65	282.77	29.29	0.54	12.23	0.01	0	0	0	36.21	22.7	359.1
309.57	261.81	17.52	0.52	13.85	0.02	0	0	0	41.29	23.95	341.92
297.55	290.65	39.25	0.47	14.03	0.03	0	0	0	45.86	39.89	337.64
310.88	287.45	33.66	0.53	6.53	0.01	0	0	0	38.96	31.51	331.24
328.08	265.38	37.95	0.37	7.08	0.02	0	0	0	39.27	33.75	331.51
323.61	271.06	27.62	0.45	13.77	0	0	0	0	39.19	37.51	362.47
305.59	252.47	38.18	0.49	15.78	0.03	0	0	0	53.41	21.88	356.35
335.15	240.5	42.25	0.51	15.07	0.02	0	0	0	53.87	31.66	354.24

323.16	247.81	53.53	0.5	14.84	0.03	0	0	0	54.32	28.33	363.44
306.47	234.01	33.94	0.49	16.68	0.03	0	0	0	63.47	30.91	370.92
306.46	190.56	47.61	0.47	18.59	0.03	0	0	0	57.62	34.36	373.73
289.7	196.77	55.16	0.46	18.73	0.02	0	0	0	62.01	43.16	376.36
293.36	193.84	59.81	0.45	20.77	0.03	0	0	0	55.59	40.78	397.61
282.17	193.29	67.16	0.44	14.78	0.02	0	0	0	56.55	38.66	392.85
268.99	207.06	82.91	0.43	20.26	0.02	0	0	0	52.73	42.48	363.17
273.2	245.47	81.43	0.49	17.53	0.02	0	0	0	63.35	46.28	368.61
269.54	228.86	100.08	0.49	18.36	0.02	0	0	0	58.63	46.65	353.98
256.81	287	86.53	0.61	19.91	0.02	0	0	0	60.87	52.36	367.77
256.3	284.16	82.92	0.53	16.68	0	0	0	0	60.93	59.44	356.56
292.52	293.31	68.25	0.31	23.48	0.02	0	0	0	64.95	37.12	331.55
323.19	315.17	54.57	0.49	17.79	0.02	0	0	0	48.48	25.75	319.1
305.06	312.12	37.28	0.12	5.38	0.02	0	0	0	28.97	11.94	280.86
286.82	281.39	22.82	0.13	40.1	0	0	0	0	34.88	27.71	247.26
280.37	312.53	39.84	0.03	1.88	0.57	0	0	0	32.65	26.89	306.35
287.99	309.04	34.63	0.16	9.7	0.01	0	0	0	27.24	29.14	361.21
293.65	303.61	33.61	0.1	9.16	0.02	0	0.04	0	28.05	36.03	347.73
307.63	348.1	41.58	0.15	8.92	0	0	0.4	0	31.31	51.37	308.39
320.58	365.12	62.05	0.22	8.31	0	0	1.07	0	30.17	54.27	308.19
329.35	453.92	47.92	0.08	8.7	0	0	1	0	25.86	40.18	309.23
307.75	401.35	61.86	0.13	15.11	0.03	0	1.04	0	33.22	48.9	314.94
271.73	367.84	75.97	0.31	11.37	0.08	0	0.98	0	36.05	49.46	337.43
238.17	352.66	76.95	0.39	19.87	0.12	0	0.98	0	32.21	54.2	353.78
224.57	372.51	103.69	0.58	15.99	0.33	0	2.34	0	32.35	76.47	342.76
236.26	382.66	102.87	0.49	18.47	0.52	0	1.55	0	33.31	75.8	335.36
224.17	357.07	105.97	0.72	17.81	0.46	0	4.39	0	37	84.06	340.83
207.04	391.18	113.64	1.54	19.39	0.5	0	1.49	0.01	36.68	91.4	346.68
224	401.97	112.11	1.45	16.63	0.61	0	5.13	0.01	34.17	102.56	341.44
247.2	396	125.92	2.22	15.12	0.28	0	4.27	0.07	39.17	105.34	343.09
267.8	415.73	115.3	2.09	12.76	0.24	0	3.92	0.04	36.35	109.47	341.83
227.63	297.6	133.77	4.91	19.62	0.05	0	4.02	0.06	35.68	114.1	344.62
224.99	372.22	137.37	5.62	13.82	0.05	0	3.14	0.12	39.83	131.42	350.04
241.38	375.92	135.58	5.29	23.93	0.07	0	2.91	0.09	40.88	140.67	345.4
242.19	384.23	133.51	8.32	21.03	0.1	0	4.34	0.04	40.26	148.8	341.47
245.6712	432.9315	122.5205	7.287671	21.23288	0.082192	0	3.534247	0.191781	65.78082	149.4521	323.6986
267.8082	469.726	106.8493	7.369863	25.39726	0.082192	0	3.260274	0.219178	56.90411	109.9178	212.3836
262.9041	466.274	96.76712	7.39726	22.38356	0.082192	0	0.547945	0.191781	59.58904	138.6301	342.4658
268.6301	475.8356	77.80822	7.589041	23.28767	0.109589	0	0.410959	0.219178	43.89041	129.6438	272.3014
147.73	968.77	185.93	25.46	4.74	0.22	0	3.6	0	126.2	522.66	361.8
143.12	988.82	254.6	31.1	4.99	0.23	0	5.15	0.01	130.28	500.67	358.7
163.57	973.58	271.9	36.4	4.55	0.29	0	6.85	0	126.64	668.93	356.23
166.9	972.15	324.68	34.22	5.4	0.28	0	7.47	0	120.95	679.18	346.51
185.11	881.2	313.6	39.72	5.82	0.27	0	9.17	0.01	118.11	661.17	376.23
185.03	947.02	275.83	37.68	5.94	0.33	0	8.85	0.01	131.52	661.89	370.01
192.98	876.65	314.3	41.92	6.26	0.35	0	8.04	0.01	133.27	644.1	337.57
194.3	962.76	326.89	43.62	6.14	0.32	0	8.44	0.01	130.98	655.15	333.95
170.7123	1037.507	66.0274	40.82192	5.753425	0.219178	0	5.753425	0.027397	352.7123	242.2192	246.0548
166.7945	908.137	71.42466	41.72603	5.69863	0.219178	0	5.452055	0.027397	352.7671	313.4521	249.0411

168.6301	1022.877	81.34247	42.65753	7.534247	0.328767	0	6.082192	0.027397	336.9863	314.3288	272.6575
162.9863	1075.671	71.12329	43.78082	5.534247	0.575342	0	6	0.054795	359.589	298.0548	276.5479
34.48	75.61	16.19	5.55	1.38	1.18	0	1.19	0	77.37	96.93	336.31
31.16	75.35	19.02	5.31	1.26	1.13	0	2.21	0	82.39	102.09	237.36
28.72	71.03	26.38	5.22	1.16	1.15	0	2.3	0	76.75	93.27	292.87
27.68	78.3	14.81	5.46	1.31	1.2	0	1.87	0	75.21	140.09	300.6
30.35	74.32	25.3	5.18	1.52	1.21	0	1.5	0	70.52	133.96	338.11
31.16	75.61	28.45	5.21	2.2	1.23	0	1.53	0	72.23	125.78	271.78
31.97	78.07	20.28	5.17	2.17	1.34	0	0.81	0	71.32	115.49	318.89
33.87	76.95	7.15	5.21	1.95	1.5	0	1.22	0	70.46	126.93	333.5
33.89	80.05	34.49	5.17	2.62	1.07	0	1.15	0	71.14	112.13	368.72
33.56	80.19	27.09	5.37	1.64	1.31	0	0.76	0	73.96	122.45	340.47
33.54	78.71	28.54	5.26	1.06	1.53	0	0.52	0	74.48	113.38	357.96
33.84	76.53	26.89	6.2	1.3	1.49	0	1.07	0	75.83	109.28	375.75
32.82	78.53	25.14	5.65	0.93	1.37	0	0.79	0	76.68	110.65	358.95
31.66	76.57	27.36	5.7	1.09	1.3	0	1.77	0	78.86	132.37	379.31
27.82	74.75	15.15	6.69	1.55	1.37	0	2.06	0	81.56	158.84	395.1
24.45	75.72	7.71	7.04	1.58	1.71	0	2.23	0	87.51	156.3	390.84
27.08	82.47	27.39	8.11	2.04	1.73	0	2.22	0	90.18	166.57	390.87
27.8	86.45	47.37	8.46	1.88	1.59	0	2.38	0	96	161.34	391.24
28.64	98.92	59.11	8.26	1.57	1.99	0	3.73	0	97.34	157.15	396.69
29.42	93.73	53.1	7.47	1.9	2.19	0	3.97	0	95.77	149.06	410.94
33.73	95.95	35.6	7.03	2.34	1.17	0	6.42	0	91.82	141.83	409.37
33.29	96.26	43.92	7.18	1.46	1.25	0	5.32	0	89.55	157.34	429.11
28.31	89.44	61.22	7.62	2.26	1.3	0	4.8	0	92.81	159.37	425.05
27.44	89.95	53.57	8.05	2.37	1.98	0	4.51	0	87.31	179.26	460.41
23.4	86.26	77.58	9.84	2.62	2.29	0	3.42	0	84.78	188.65	444.15
26.87	88.06	65.2	12.03	2.51	1.81	0	3.66	0	85.58	216.71	442.49
31.38	89.97	66.48	15.2	2.57	2.01	0	3.46	0	85.23	248.55	461.53
35.1	98.75	74.69	14.43	1.95	1.83	0	4.01	0	90.31	240.42	450.83
40.18	100.28	73.23	15.63	1.68	2.38	0	5.74	0	84.26	263.25	417.75
38.17	96.13	72.68	18.25	3.3	2.53	0	5.84	0	85.32	287.33	492.29
38.1	97.48	81.65	17.52	4.93	2.71	0	7.2	0	84.51	279.79	476.76
38.34	99.18	67.62	18.15	1.44	3.03	0	5.42	0	91.84	244.71	485.67
37.43	85.31	69.16	16.69	1.88	3.29	0	4.55	0	96.91	239.21	474.63
34.71	89.83	82.1	18.4	3.49	2.83	0	3.41	0	96.92	246.94	467.36
35.05	94.28	64.25	20.24	1.66	3.04	0	4.56	0	94.93	193.07	445.86
29.39	84.6	96.28	25.04	5.38	2.41	0	4.39	0	91.44	286.61	543.89
35.25	106.97	94.03	24.72	2.09	2.42	0	5.45	0	98.15	269.14	515.22
33.06	91.56	86.63	24.47	1.26	2.74	0	5.08	0	99.52	302.68	433.49
35.73	94.71	81.89	26.96	2.14	2.76	0	8.25	0	91.23	283	456.98
36.04	96.37	81.07	25.63	2.49	2.72	0	6.58	0	102.97	255.43	477.65
35.99	97.28	87.72	25.93	2.45	2.76	0	9.25	0	99.45	273.43	493.97
37.13	111.14	100.78	28.01	1.77	2.69	0	8.41	0	101.73	312.18	487.81
34.07	107.17	107.8	31.39	1.1	3.02	0	6.71	0	99.71	341.97	508.94
33.22	109.68	112.45	31.59	1.88	2.82	0	5.93	0	102.16	424.91	505.31
35.35	111.86	112.28	35.5	2.57	3.02	0	7.26	0	102.74	359.56	489.9
36.09	117.45	116.87	36.23	2	3.2	0	8.43	0	99.27	445.84	486.56
36.52	130.03	108.32	37.74	2.73	3.01	0	9.04	0	107.71	376.08	482.87

38.65	130.47	108.52	43.37	2.84	2.69	0	9.3	0	112.29	373.8	485.83
40.65	135.16	92.92	47.83	3.35	2.83	0	9.6	0	112.84	382.75	485.98
41.23	139.1	121.59	53.6	3.65	2.83	0	9.04	0.01	104.1	380.22	484.68
42.42	157.87	124.89	57.07	1.63	2.87	0	9.32	0.01	108.2	389.2	486.62
42.83	170.28	118.03	56.51	5.31	3.36	0	9.32	0.01	106.39	375.97	486.38
44.6	155.44	133.03	56.91	3.01	3.23	0	9.01	0	108.84	363.9	492.33
44.63014	146.0822	124.5753	56.08219	2.328767	2.821918	0	8.876712	0.027397	100.0548	334.2192	506.3288
45.61644	148.2192	126.8493	55.34247	4.520548	2.356164	0	8.630137	0.027397	101.4521	331.0137	498.7671
46.05479	150.5479	128.0822	56.52055	3.945205	2.630137	0	9.780822	0.027397	104.3014	247.863	506.6301
46.24658	148.3014	130.7945	57.42466	5.287671	2.712329	0	10.13699	0.027397	102.9041	281.4247	501.8082
13.92	20.78	4.06	1.46	18.02	0.03	0	2.7	0	20.86	101.89	14.11
14.16	23.89	5.09	1.5	16.58	0.03	0	1	0	21.74	101.97	14.8
14.2	24.22	5.5	1.54	18.09	0.03	0	1.84	0	21.67	100.92	19.28
14.36	24.98	5.01	1.58	21.25	0.04	0	1.58	0	23.63	101.13	13.88
15.59	25.09	4.42	1.62	17.9	0.05	0	1.86	0	23.74	105.03	18.07
14.58	27.18	7.42	2.53	13.64	0.04	0	5.48	0	23.91	100.62	19.35
14.6	24.06	10.76	3.12	14.14	0.04	0	3.66	0	25.25	100.36	22.9
15.05	25.3	7.38	3.39	12.85	0.02	0	1.46	0	25.5	100.7	19.69
14.53	26.06	9.96	3.69	15.71	0.01	0	9.53	0	28.83	103.33	24.79
14.75	27.05	9.44	4.28	17.04	0.01	0	16.17	0	29.95	99.23	23.14
15.13	27.39	10.91	4.43	18.75	0.02	0	18.46	0.01	35.03	99.91	27.27
15.39	26.83	9.38	4.36	16.68	0.02	0	6.27	0	36.89	99.41	24.98
15.44	28.09	10.25	4.47	19.47	0.02	0	14.82	0	38.41	98.77	34.91
15.89	26.98	11.12	4	19.4	0.02	0	10.43	0	38.38	96.66	17.31
15.15	26.77	9.77	3.9	16.56	0.03	0	8.37	0	38.19	85.68	30.04
12.12	22.91	10.45	3.82	19.6	0.02	0	4.36	0	37.27	100.13	30.58
12.55	28.89	7.82	3.98	27.94	0	0	4.3	0	37.01	93.16	12.4
13.96	36.2	11.17	4	26.87	0	0	1.57	0	36.53	83.64	13.75
13.13	20.82	11.23	4.32	29	0	0	1.58	0	35.86	69.82	34.83
13.25	22.76	12.58	4.46	28.82	0	0	2.25	0	33.47	77.26	43.05
12.89	23.04	12.28	4.49	24.98	0	0	2.55	0	32.07	75.7	34.37
12.45	24.88	12	4.64	28.55	0	0	1.82	0	28.87	73.5	28.99
12.55	19.2	11.56	4.65	27.82	0	0	2.12	0	18.44	73.85	25.74
12.31	32.16	10.58	4.79	25.24	0	0	1.79	0	16.78	76.46	29.97
12.46	29.65	11.45	4.83	32.62	0	0	2.54	0	7.58	81.23	18.35
11.61	25.85	13.72	5	23.75	0	0	3.54	0	9.44	85.67	15.37
11.52	39.94	13.22	5.19	27.81	0	0	2.18	0	11.78	74.39	32.39
11.83	18.67	13.98	5.42	23.45	0	0	2.53	0	11.55	63.09	35.48
11.9	18.25	11.83	5.44	26.6	0	0	3.22	0	9.14	69.11	19.08
9.26	18.84	12.13	5.62	24.47	0	0	3.03	0	10.19	68.7	27.37
9.56	26.56	14.02	5.6	19.85	0	0	3.08	0	9.58	57.79	34.09
9.55	21.94	13.03	5.55	18.18	0	0	4.14	0	11.63	37.05	40.58
9.53	20.68	13.15	5.27	20.62	0	0	3.58	0	14.01	48.98	39.67
9.69	21.07	12.28	5.71	21.1	0	0	2.25	0	16.23	49.44	33.73
27.73	18.99	11.29	5.35	21.26	0	0	4.3	4.47	15.68	60.78	41.19
27.7	20.4	11.55	5.32	25.57	0	0	6.07	0.05	15.25	61.53	39
27.25	18.73	12.35	5.5	22.75	0	0	5.89	0.81	15.65	61.05	32.44
27.31	17.15	12.47	5.79	25.46	0	0	5.11	1.63	16.12	60.33	36.12
26.85	15.05	11.79	5.19	20.52	0	0	6.82	0.03	16.99	59.33	31.02



26.83	15.8	11.53	5.36	24.93	0	0	5.77	0	21.07	42.63	37.07
25.23	13.69	12.1	5.24	23.8	0	0	5.63	0.01	21.53	41.36	36.43
24.23	12.49	12.07	6.14	25.44	0.08	0	1.24	0.02	21.47	40.7	41.89
21.31	11.3	12.65	3.87	31.59	0.05	0	2.03	0	24.69	48.04	44.03
22.73	13.12	12.66	3.99	35.44	0.1	0	2.15	0	24.6	50.6	53.78
23.89	12.11	10.43	4.43	47.29	0.04	0	4.8	0.05	25.44	50.31	58.83
18.15	12.65	11.61	4.53	51.6	0.05	0	5.19	0.06	24.93	62.55	58.93
20.56	11.15	12.89	4.18	53.88	0.05	0	6.14	0.06	29.02	67.84	54.12
21.58	11.94	14.56	4.3	55.78	0.07	0	6.93	0	32.05	71.33	55.64
18.22	11.03	16.31	5.23	57.8	0.06	0	3.54	0.02	32.61	74.55	54.32
18.43	11.63	20.26	4.77	58.93	0.08	0	9.29	0.03	32.22	79.64	51.63
19.33	13.18	21.53	4.8	58	0.07	0	7.42	0.24	33.2	80.82	51.18
20.66	17.99	22.25	3.62	58.89	0.04	0	5.7	0.36	31.24	85.8	49.14
21.29	13.23	22.03	3.85	64.13	0.03	0	5.1	0.09	32.75	80.64	40.14
20.9589	44.21918	22.76712	7.69863	94	0.054795	0	4.986301	0	33.15068	81.28767	35.86301
17.83562	43.72603	22.87671	9.260274	101.4247	0.054795	0	6.958904	0.356164	30.82192	88.13699	37.31507
18.57534	43.12329	23.50685	9.260274	109.726	0.191781	0	5.123288	0.219178	25.86301	93.94521	50.49315
18.21918	45.36986	23.56164	9.835616	98.57534	0.109589	0	5.561644	0	29.42466	96.19178	65.91781
12.26	28.12	3.54	2.49	300.58	0.07	0	2.24	0.01	13.86	53.98	5.36
11.98	27.97	3.28	2.56	304.61	0.07	0	2.4	0.13	15.49	66.84	6.22
12.8	32.94	5.39	2.72	299.26	0.04	0	2.05	0.13	17.75	73.14	7.75
13.59	28.69	3.65	2.68	301.88	0.04	0	1.99	0.09	18.19	69.75	5.64
13.91	34	3.46	2.95	315.13	0.05	0	2.94	0.08	15.83	67.34	7.15
14.02	28.55	2.8	3.63	282.75	0	0	2.28	0.1	19.1	70.93	9.18
15.13	27.73	1.57	4.16	290.84	0.01	0	2.24	0.1	18.48	78.57	6.27
14.79	27.5	2.16	4.04	293.99	0.03	0	2.74	0.11	15.8	78.28	4.76
15.81	22.11	3.36	4.27	290.18	0.01	0	2.4	0.11	13.96	79.52	3.78
16.12	20.63	2.65	4.76	292.25	0.01	0	2.72	0.13	13.04	86.77	6.03
15.97	21.35	2.97	4.77	294.52	0	0	3.13	0.12	14.01	82.68	7.32
15.36	17.41	2.61	4.65	287.62	0	0	3.04	0.12	14.42	88.59	3.65
15.25	24.85	3.64	4.59	300.29	0	0	2.68	0.13	18.28	91.6	3.66
14.64	25.8	4.15	4.12	303.89	0	0	3.36	0.11	15.2	85.42	3.87
14.93	24.62	3.07	4.29	306.7	0	0	2.77	0.12	10.43	85.66	5.65
15.41	24.99	3.65	4.44	310.23	0	0	3.06	0.11	13.32	86.69	5.03
15.31	28.05	3.81	4.32	310.79	0.01	0	2.83	0.14	13.34	91.23	6.19
15.59	26.78	3.43	4.38	314.03	0.01	0	2.97	0.13	14.06	93.82	7.41
15.99	28.71	3.42	4.83	315.58	0	0	3.71	0.13	14.4	92.64	3.43
16	28.3	7.99	5.24	320.91	0	0	2.94	0.12	10.91	98.4	7.5
16.11	31.32	9.01	6.09	319.84	0	0	3.29	0.13	15.77	109.75	8.9
16.17	33.59	7.74	6.74	320.06	0	0	3.44	0.15	16.81	109.6	8.93
16.09	37.31	8.6	7.01	320.21	0	0	4.41	0.15	18.51	110.95	8.53
15.98	45.08	9.43	7.33	314.89	0	0	4.03	0.16	20.11	119.09	12.6
15.95	45.41	10.64	7.61	291.58	0	0	4.24	0.17	21.33	119.2	11.95
15.79	43.58	10.75	7.5	278.27	0	0	4.47	0.16	22.5	133.03	10.76
15.72	43.43	10.5	7.93	289.95	0	0	4.42	0.18	21.85	135.53	10.63
15.69	44.15	7.28	8.33	285.18	0	0	4.04	0.18	21.84	135.37	8.42
13.84	32.57	6.69	5.39	281.06	0	0	3.47	0.18	20.51	122.83	6.75
9.22	33.69	7.06	5.06	327.02	0.15	0	3.67	0.17	22.47	109.86	6.71
9.34	36.96	7.25	5.21	331.13	0.12	0	3.61	0.16	22.78	121.19	8.21

9.58	35.55	8.28	5.6	332.85	0.01	0	3.36	0.17	21.92	133.51	7.65
9.87	35.51	7.4	5.8	335.85	0.02	0	3.67	0.19	21.58	139.69	7.02
12.07	37.85	8.98	5.97	341.36	0.02	0	3.46	0.21	20.59	132.38	5.45
12.5	36.75	7.27	6.91	347.72	0.03	0	4.05	0.3	21.06	136.32	8.88
13.24	39.73	9.3	7.63	350.49	0.08	0	4.14	0.39	26.26	145.44	8.17
13.55	39.09	10.68	8.25	347.34	0.07	0	4.12	0.37	31.57	151.18	6.8
13.54	38.51	11.22	8.69	348.45	0.18	0	4.01	0.43	30.73	158.3	6.71
13.46	39.77	11.38	10.01	347.37	0.16	0	3.88	0.48	32.99	175.55	11.01
13.95	40.34	11.64	13.66	357.02	0.25	0	4.26	0.55	33.85	175.13	10.42
14.65	39.73	14.62	15.88	360.94	0.21	0	5.68	0.61	39.87	182.42	10.56
18.47	41.44	14.99	18.27	363.36	0.14	0	5.9	0.66	38.33	188.5	10.44
21.34	50.23	16	22.81	366.25	0.07	0	6.71	0.67	40.62	200.53	9.05
23.47	55.39	18.34	27.8	352.94	0.16	0	7.31	0.81	41.49	212.57	11.34
27.66	59.34	20.5	33.16	350.28	0.17	0	7.44	0.9	40.83	202.41	13.77
30.92	61.66	21.63	38.06	356.25	0.12	0	9.73	1.01	43.12	220.66	11.14
34.49	68.72	23.28	42.23	345.5	0.11	0	10.92	1.08	52.03	219.52	13.2
37.99	70.78	25.46	46.03	354.55	0.08	0	12.72	1.15	53.2	225.77	10.01
42.36	79.69	25.54	52.76	332.63	0.09	0	13.01	1.3	52.11	228.48	14.44
49.65	84.91	25.8	57.66	341.09	0.09	0	12.71	1.36	50.26	236.82	17.85
51.87	88.49	25.21	60.67	342.67	0.22	0	10.57	1.24	51.82	242.27	16.86
51.68	84.55	26.66	60.22	355.16	0.18	0	10.17	1.06	52.62	230.64	19.99
51.2	87.84	27.35	59.92	363.84	0.16	0	10.55	1.05	51.18	233.39	17.04
68.30137	108.4658	20.10959	78	513.3151	0.136986	0	10.84932	0.849315	91.94521	244.8767	21.89041
72.76712	117.8904	20.63014	83.56164	506.3014	0.109589	0	12.41096	0.876712	100.4932	246.6575	24.10959
75.67123	119.726	21.0411	83.78082	509.9726	0.136986	0	12.57534	0.876712	129.8356	242.0274	25.09589
83.72603	119.1233	21.58904	83.20548	488.3562	0.219178	0	13.9726	0.90411	91.69863	238.4384	29.91781
121.48	148.54	0	0.78	0	0	0	0	0	77.22	575.26	31.9
127.78	154.29	0	1.21	0	0	0	0	0	79.98	591.85	34.74
130.4	154.5	0	1.45	0	0	0	0	0	82.59	583.66	38.36
133.06	150.88	0	1.71	0	0	0	0	0	85.08	606.66	41.36
132.46	147.41	0	2.15	0	0	0	0	0	87.2	597.67	44.47
143.59	151.05	0	2.35	0	0	0	0	0	89.34	588.61	46.74
141.7	154.48	0	2.5	0	0	0	0	0	91.12	583.13	49.12
136.66	154.56	0	2.67	0	0	0	0	0	92.81	568.65	51.39
137.6	142.89	0	2.83	0	0	0	0	0	94.29	562.92	53.81
135.5	139.29	0	2.95	0	0	0	0	0	87.81	556.68	55.63
134.92	151.35	0	3.08	0	0	0	0	0	88.89	544.81	57.2
130.03	156.21	0	3.17	0	0	0	0	0	89.7	530.86	58.55
129.58	157.9	0	3.28	0	0	0	0	0	90.45	531.2	56.77
132.3	156.22	0	3.35	0	0	0	0	0	87.79	515.99	58.34
106.79	157.82	0	3.44	0	0	0	0	0	88.75	510.01	56.8
114.88	162.53	0	3.54	0	0	0	0	0	89.85	498.36	58.25
126.36	164.24	0	3.65	0	0	0	0	0	90.91	493.14	56.91
131	163.37	0	3.72	0	0	0	0	0	92.01	487.44	58.36
136.2	161.38	0	3.83	0	0	0	0	0	93.16	482.43	62.92
137.92	156.05	0	3.89	0	0	0	0	0	94.07	472.34	65.39
105.61	152.88	0	3.99	0	0	0	0	0	95.04	472.81	67.81
95.31	149.56	0	4.04	0	0	0	0	0	95.79	467.08	70
78.92	146.1	0	4.11	0	0	0	0	0	96.33	462.74	69.55

84.24	142.16	0	4.14	0	0	0	0	0	96.41	460.5	71.13
86.02	138.49	0	4.16	0	0	0	0	0	95.9	449.88	48.31
89.3	134.03	0	4.13	1.69	0	0	0	0	94.7	436.37	46.32
80.41	129.28	0	4.1	0	0	0	0	0	93.14	429.48	70.22
83.4	129.21	0	4.03	0.63	0	0	0	0	91.35	417.94	68.92
74.78	125.71	0	3.99	0.01	0	0	0	0	91.9	402.57	55.29
72.81	126.6	0	15.95	0	0	0	0	0	92.6	397.45	56.72
75.25	129.1	0	17.36	0	0	0	0	0	93.44	390.9	42.57
63.99	121.62	0	18.96	0	0	0	0	0	94.41	344.18	68.99
49.71	113.03	0	9.49	0	0	0	0	0	94.55	342.18	68.59
45.57	108.01	0	10.95	0	0	0	0	0	96.42	353.27	72.2
41.59	120.75	0	8.94	0	0	0	0	0	93.62	345.04	84.62
46.82	98.71	0	8.45	0	0	0	0	0	82.09	353.16	81.65
48.71	159.51	11.84	25.6	3.94	1.5	0	0.45	0.09	73.28	351.18	89.25
39.38	201.6	24.19	17.58	4.13	1.33	0	0.91	0.14	67.46	339.88	93.74
82.49	182.16	34.45	20.97	4.08	1.2	0	0.45	0.18	62.63	355.26	122.57
109.94	189.25	39.97	22.37	8.37	1.45	0	0.36	0.2	62.36	356.13	100.8
86.37	231.82	26.26	27.73	8.41	2.48	0	0.64	0.13	61.49	376.52	114.8
74.34	178.87	14.75	21.16	8.78	1.73	0	0.61	0.14	60.76	381.27	123.19
73.98	176	18.32	28.7	8.64	2.2	0	0.7	0.17	59.64	390.59	116.98
75.21	181.17	27.73	25.99	9.79	2.01	0	0.74	0.1	59.05	404.21	112.36
69.5	193.62	32.87	27.76	11.04	2.8	0	0.78	0.1	59.74	416.75	110.8
69.66	183.85	41.04	27.01	8.88	1.52	0	0.87	0.06	57.54	420.19	99.04
73.81	175.47	43.45	29.24	10.62	1.68	0	0.64	0.06	51.64	435.05	96.74
79.06	168.62	37.2	42.13	9.66	2.18	0	0	0.05	42.89	428.48	85.77
79.6	166.2	40.96	20.32	8.41	1.88	0	0	0.14	45.16	403.94	74.95
75.93	178.35	43.18	19.61	6.38	2.03	0	0.42	0	46	416.98	81.54
73.59	182.35	46.67	27.22	12.15	1.93	0	0.05	0.01	48.11	425.94	88.28
39.25	198.71	59.37	40.19	15.54	3.98	0	0.7	0.25	54.24	426.12	93.82
37.99	202.65	44.13	33.41	17.29	5.11	0	0.65	0.19	55.41	434.06	99.35
56.71233	171.8082	49.80822	33.94521	21.53425	3.808219	0	0.246575	0.109589	89.34247	425.1781	110.1096
54.54795	176.9041	47.72603	29.86301	22.82192	3.808219	0	0.465753	0.082192	104.3014	431.8356	116.7123
58.43836	169.3699	45.36986	32.49315	22.57534	3.945205	0	0.383562	0.082192	144.1918	428.9041	120.6027
58.9589	171.0137	52.21918	31.58904	22.13699	3.945205	0	0.383562	0.082192	124.1918	425.2329	116.2192
19.99	128.71	45.03	0.99	213.54	1.31	0	0	0	5.79	34.3	32.7
20.22	128.39	44.19	1	212.26	1.31	0	0	0	4.39	36.72	32.96
20.89	127.55	45.47	1.01	208.28	1.32	0	0	0	5.63	39	32.65
20.87	126.77	29.91	0.99	212.88	1.32	0	0	0	5.67	41.17	32.05
21.01	125.65	53.12	1	210.84	1.33	0	0	0	4.84	43.25	28.07
20.7	125.87	49.98	0.98	205.54	1.32	0	0	0	8.21	41.73	32.87
21.11	125.62	54.37	1.01	216.84	1.3	0	0	0	6.32	43.63	30.2
21.33	126.16	42.65	0.99	221.96	1.3	0	0	0	5.9	48.76	42.83
21.51	126.84	43.49	0.99	221.89	1.3	0	0	0	6.65	52.57	41.82
21.76	124.54	45.56	1	221.77	1.3	0	0	0	6.27	53	43.73
22.27	125.23	47.22	1	215.94	1.3	0	0	0	8.01	55.45	57.02
22.89	125.78	50.97	1	215.99	1.27	0	0	0	7.98	54.68	41.37
23.19	126.32	50.36	1	215.01	1.1	0	0	0	9.71	53.75	57.65
23.74	127.1	52.13	0.99	212.02	1.19	0	0	0	9.29	62.61	59.43
24.64	129.4	51.43	0.99	203.4	1.19	0	0	0	10.55	71.05	57.51

25.16	128.28	49.67	0.99	219.84	1.12	0	0	0	11.4	69.72	57.62
25.92	126.09	39.32	0.99	234.09	1.02	0	0	0	9.71	86.73	59.26
26.32	125.3	37.47	0.99	236.31	1.01	0	0	0	10.63	85.04	67.38
26.55	121.75	37.77	1.01	228.18	1.16	0	0	0	8.94	100.89	77.63
27.9	121.42	36.76	1	227.38	1.15	0	0.01	0	19.93	98.81	74.53
29.92	117.95	36.69	0.99	234.48	1.07	0	0.15	0	21.12	105.15	76.22
32.13	124.81	41.31	0.97	221.4	0.77	0	0.21	0	35.25	104.62	83.51
32.54	125.66	50.79	0.96	237.69	0.72	0	0.29	0	58.18	122.97	100.25
32.7	118.02	49.58	0.95	251.22	0.9	0	0.38	0	42.94	134.33	92
32.76	118.55	54.41	0.93	247.21	1.51	0	0.09	0	27.81	137.72	82.26
32.7	119.52	43.87	0.95	235.07	3.37	0	0.17	0	46.46	141.14	81.02
32.32	112.93	46.4	0.95	264.57	3.56	0	0.04	0	33.25	151.41	92.97
32.66	113.18	71.14	1	283.86	4.41	0	0.14	0	56.06	147.75	96.83
32.47	114.2	79.5	1.01	283.37	5.15	0	0.68	0	75.58	151.11	98.95
32.05	113.38	78.84	1.38	247.24	5.78	0	1.39	0	75.06	156.99	89.77
31.58	111.03	79.92	1.39	248.35	6.59	0	0.93	0	64.22	148.44	101.08
31.01	109.63	77.02	1.35	243.38	6.99	0	0.91	0	80.75	165.45	98.65
30.39	107.27	75.77	1.33	242.19	7.56	0	0.92	0	75.8	168.38	91.61
30.66	107.63	79.74	1.31	246.78	7.5	0	1.38	0	121.04	162.95	99.17
31	107.3	83.8	1.29	244.73	8.89	0	2.02	0	106.26	165.75	100.17
30.76	106.79	87.87	1.3	247.06	8.87	0	1.41	0	87.48	169.18	100.99
32.04	110.04	94.04	1.39	251.14	9.77	0	2.25	0	93.39	168.81	106.62
32.04	111.39	84.22	1.44	245.16	11.39	0	2.84	0	93.85	180.77	103.9
31.82	115.69	100.8	1.49	249.99	10.11	0	3.52	0	117.82	161.37	110.15
31.66	111.84	104.93	1.53	244.64	8.1	0	3.05	0	118.88	175.96	111.58
31.45	111.76	115.5	1.58	242.98	9.94	0	3.46	0	125.78	188.05	111.75
31.34	114.07	130.75	1.64	239.73	9.6	0	2.68	0	122.02	201.04	111.41
31.43	118.39	143.57	1.69	238.1	10.75	0	3.69	0.01	116.21	210.36	114.72
31.54	118.52	143	1.77	245.21	10.53	0	3.41	0.01	90.57	220.1	119.54
32	121.64	149.18	1.71	237.66	10.28	0	3.23	0.01	89.21	233.11	131.68
32.13	122.46	168.13	1.69	235.94	9.29	0	1.97	0.01	124.41	234.61	121.99
32.72	124.47	165.46	1.73	237.13	8.33	0	3.12	0	130.12	246.89	122.02
33.04	127.98	166.56	1.76	226.28	9.53	0	3.19	0.01	126.93	268.71	124.19
33.56	133.05	196.31	1.74	238.34	10.37	0	12.91	0.01	98.08	285.22	124.67
34.02	134.52	206.79	1.73	239.43	10.16	0	10.29	0.01	117.85	309.31	130
34.34	138.41	205.85	3.7	237.62	10.85	0	5.44	0.02	108.91	323.37	134.85
34.42	142.09	211	4.08	241.4	10.16	0	6.56	0.01	123.04	332.67	138.71
34.68	145.37	220.71	4.26	240.42	9.49	0	6.62	0.01	122.09	328.02	138.25
35.89041	136.7123	216.137	4.219178	376.9589	11.15068	0	2.383562	0	134.1644	347.5342	144.274
35.94521	136.7397	203.3973	4.410959	380.9863	10.93151	0	4.109589	0	137.7534	357.1507	143.1781
36.49315	142.2466	208.0274	5.315068	382.0274	11.0137	0	3.561644	0.027397	136.3562	387.6986	143.3151
37.47945	148.3288	215.5616	5.452055	382.5205	12.24658	0	4.109589	0.027397	136.6575	367.5342	144.8493
32.81	115.72	20.17	3.29	130.92	1.58	0	2.59	0.07	53.27	130	104.57
32.6	116.08	18.97	3.38	130.88	1.41	0	2.54	0.09	56.21	134.87	102.17
32.52	117.79	19.69	3.49	130.94	1.29	0	2.66	0.09	57.62	134.79	104.79
32.88	119.82	20.26	3.65	132.87	1.27	0	2.42	0.09	58.82	137.29	111.74
32.45	121.6	22.1	3.8	133.8	1.03	0	2.3	0.11	64.19	134.46	115.47
33.15	118.96	21.07	3.98	128.4	1.01	0	2.04	0.1	65.49	134.43	111.89
33.38	119.75	22.33	4.15	122.56	1.02	0	1.98	0.1	63.8	135.06	114.75

34.05	122.28	21.56	4.23	132.56	0.93	0	2.09	0.13	60.29	138.48	110.35
33.79	122.35	24.07	4.42	134.29	1.07	0	2.31	0.11	65.51	135.3	123.97
33.32	124.87	24.39	4.65	136.69	1.02	0	2.49	0.14	67.48	135.7	123.52
32.61	123.59	24.43	4.77	132.39	1.05	0	2.69	0.13	66.14	136.5	123.57
32.03	119.65	22.27	4.92	126.19	0.96	0	2.14	0.16	61.02	132.07	129.15
31.55	121.04	23.46	5.02	122.35	0.92	0	2.24	0.17	61.55	132.03	137.81
31.18	120.16	23.38	5.17	128.91	0.93	0	2.29	0.16	61.97	136.16	134.83
31.17	121.31	23.75	5.68	124.9	0.94	0	2.13	0.17	57.99	139.38	133.11
31.52	124.5	25.6	5.75	131.06	0.79	0	2.21	0.19	61.18	140.84	131.49
32.23	129.78	24.12	6.09	127.73	0.81	0	2.21	0.2	69.65	135.63	128.7
33.17	133.04	25.91	6.51	128.03	0.86	0	2.16	0.21	65.84	140.65	141.78
32.42	133.31	27.65	6.77	131.59	0.92	0	2.24	0.2	66.39	143.64	140.51
32.05	133.26	26.54	6.85	129.42	0.97	0	2.18	0.22	65.31	140.63	142.84
32.43	135.08	27.98	7.53	129.57	0.9	0	2.24	0.25	69.15	140.1	141.72
32.42	133.34	28.75	7.63	131.14	0.91	0	2.32	0.23	70.82	140.46	144.82
32.14	133.32	27.53	7.81	131.81	0.93	0	2.34	0.22	68.92	141.7	146.73
31.62	131.5	26.66	8.28	129.39	0.93	0	2.24	0.17	73.81	141.09	148.37
31.64	136.08	29.94	8.36	127.32	0.95	0	2.29	0.22	69.05	145.26	150.61
31.9	135.14	28.99	8.5	128.12	0.96	0	2.34	0.24	71.41	150.92	144.83
31.44	135.7	28.62	8.8	130.8	0.95	0	2.2	0.25	71.64	154.22	151.35
31.87	138.85	30.04	8.95	128.21	1.01	0	2.17	0.24	69.72	150.25	149.25
32.02	135	29.89	8.08	127.95	1.05	0	2.21	0.26	71.06	145.5	152.37
32.08	133.64	28.29	7.83	133.57	1.04	0	2.37	0.37	68.37	147.36	151.63
31.76	135.8	30.98	8.31	134.21	1.08	0	2.43	0.26	67.79	145.14	146.3
31.83	134.4	28.07	8.41	130.65	1.15	0	2.48	0.28	70.17	149.13	150.89
31.45	135.19	29.19	8.78	130.95	1.13	0	2.38	0.2	66.98	149.33	149.31
31.59	135.5	29.84	8.97	133	1.13	0	2.37	0.17	69.83	151.58	153.43
32.08	138.3	32.58	9.45	132.11	1.2	0	2.51	0.3	69.58	153.48	150.23
30.75	147.52	33.19	9.88	132.77	1.11	0	2.56	0.23	75.28	162.23	153.61
31.95	149.86	33.85	10.56	130.26	1.14	0	2.85	0.3	75.98	161.86	156.44
31.99	151.15	34.75	10.29	130.34	1.2	0	2.86	0.31	77.1	162.71	152.74
32.43	154.04	41.25	11.05	136	1.17	0	2.82	0.37	83.67	169.02	153.46
32.47	153.19	41.65	11.73	136.67	1.18	0	2.92	0.49	85.77	172.01	151.55
31.36	152.91	43.12	12.49	140.21	1.23	0	3.14	0.55	79.47	168.19	149.64
32.11	162.05	43.02	13.11	140.84	1.2	0	3.02	0.68	77.5	171.37	147.17
32.25	167.02	46.07	13.11	142.24	1.34	0	3.01	0.62	75.48	179.61	147.47
32.57	167.28	46.95	13.72	141.18	1.52	0	2.92	0.57	77.82	181.3	147.37
33.8	168.22	53.9	14.28	137.55	1.49	0	3.05	1	82.35	183.03	150.25
35.38	172.06	52.32	14.8	138.46	1.55	0	3.13	1.07	80.45	189.68	150.24
36.49	176.27	53.43	15.81	139.86	1.63	0	3.33	1.17	81.36	191.17	147.44
37.24	181.61	57.44	16.64	140.36	1.81	0	3.7	1.34	78.24	193.05	148.15
36.95	181.94	55.81	17.34	140.08	1.84	0	3.99	1.48	72.93	199.07	151.91
37.23	187.83	63.13	18.74	138.17	1.74	0	4.16	1.48	75.52	196.66	151.55
37.32	187.88	63.38	19.22	137.57	1.87	0	4.12	1.4	74.1	195.63	152.67
36.99	188.78	65.74	19.38	139.11	1.94	0	4.29	1.37	74.85	196.62	152.09
37.58	185.13	65.44	19.95	138.76	1.86	0	3.95	1.35	74.67	194.13	151.23
36.05479	169.3699	58.57534	20.21918	203.4247	1.917808	0	3.890411	1.123288	73.06849	190.137	154.7671
36.27397	168.5753	57.9726	19.86301	200.5479	1.945205	0	3.890411	1.835616	71.69863	191.2055	153.1507
35.53425	168.3014	58.32877	19.34247	200.5479	1.972603	0	3.917808	1.863014	72	188.137	154.2192

36.27397	167.2603	59.83562	19.67123	199.6164	1.917808	0	3.890411	2.054795	70.82192	184.2466	155.1781
127.41	831.93	266.91	5.26	7.32	0.41	0	2.51	0	129.54	210.02	261.96
138	872.67	275.3	7.63	6.91	0.6	0	2.34	0	134.07	205.97	243.14
139.44	852.72	273.34	8.03	6.63	0.61	0	2.42	0	137.55	223.29	231.48
126.45	893.58	258.87	12.22	6.65	0.79	0	2.55	0	131.25	234.17	209.83
136.39	895.73	251	10.35	7.92	0.57	0	2.66	0	138.99	181.37	203.7
143.33	880.14	248.01	15.49	7.93	0.61	0	2.91	0	139.07	220.6	211.35
153.52	945.87	253.57	16.54	8.05	0.6	0	3.02	0	134.52	246.18	202.91
158.36	897.01	251.45	13.4	8.19	0.49	0	3.02	0	134.1	220.22	203.98
152.06	913.59	261.19	15.82	8.29	0.64	0	3.2	0	134.55	228.18	196.91
158.05	893.29	238.69	19.15	8.29	0.48	0	3.56	0	136.28	245.17	187.07
166.4	905.68	239.77	19.09	8.31	0.54	0	4.12	0	136.87	214.62	182.56
162.98	1013.27	233.01	19.83	8.53	0.63	0	4.47	0	137.38	208.7	191.46
156.72	1011.22	237.21	25.18	8.68	1.09	0	5.21	0	135.49	231.75	197.7
174.28	1056.6	231.75	21.22	9.06	1.42	0	4.62	0	134.52	215.18	197.02
174.64	918.72	213.27	19.72	10.25	1.08	0	5.72	0	128.49	204.2	192.53
179.79	936.4	217.64	22.58	9.81	0.97	0	6.29	0	127.7	190.86	197.27
179.2	987.12	231.72	19.98	7.07	0.74	0	5.97	0	130.7	228.41	190.35
178.77	1051.56	223.81	22.25	6.96	0.87	0	5.02	0	119.3	219.27	191.11
190.1	1017.38	237.63	22.33	7.12	1.06	0	4.74	0	118.86	238.34	201.77
190.65	1077.81	229.31	22	7.59	0.88	0	4.71	0	124.74	175.96	188.95
183.05	986.56	237.35	23.8	7.05	0.96	0	4.42	0	111.91	207.56	193.92
184.21	1060.86	237.66	31.06	4.63	0.87	0	4.44	0	118.63	227.17	188.77
178.13	1076.97	231.45	26.82	6.08	0.92	0	4.54	0	119.33	194.83	190.84
180.63	1149.88	251.41	32.68	5.98	1.1	0	4.78	0	101.15	194.5	196.09
188.99	1035.25	241.81	35.37	5.49	1.02	0	4.54	0	113.6	210.22	192.88
180.04	1017.15	247.46	38.48	7.27	1.68	0	4.6	0	115.03	232.35	186.57
184.01	1043.5	251.68	37.39	6.69	1.49	0	4.78	0	116.36	198.68	184.61
191.2	991.44	243.35	37.02	6.13	1.59	0	7.28	0.3	136.89	219.19	173.05
175.67	951.57	244.5	36.76	6.37	1.79	0	6.21	0.3	144.87	209.46	167.84
192.01	880.54	273.51	50.7	7.24	1.3	0	9.34	0.24	154.88	206.36	152.75
195.67	934.92	268.04	48.56	7.37	1.47	0	10.6	0.11	165.54	177.25	166.64
193.33	861.09	276.95	53.36	7.55	1.02	0	12.26	0.07	155.99	221.05	159.07
237.2	862.04	262.28	51.51	7.77	1.23	0	12.37	0.98	149.96	219.39	145.32
183.12	886.92	254.52	56.19	8.09	1.84	0	12.73	0.07	138.2	203.36	174.83
210.47	1049.93	250.22	50.91	8.14	1.75	0	14.48	0.65	133.03	190.9	190.04
216.9	929.62	239.65	58.97	17.92	2.23	0	15.34	0.73	127.97	233.78	192
194.43	1008.64	224.89	51.79	7.94	2.96	0	15.79	1.4	128.5	208.55	186.54
214.81	969.32	221.08	52.13	9.14	2.92	0	14.17	0.01	127.55	184.36	179.07
210.71	1023.94	247.36	38.87	9.11	2.87	0	11.34	0.01	126.93	262.99	153.64
218.39	978.69	284.2	34.5	9.65	3.23	0	13.57	0.68	125.85	269.21	152.24
215.1	985.71	249	38.37	9.87	1.66	0	15.24	0.6	125.73	277.64	163.99
194.32	957.89	266.57	33.26	9.83	3.11	0	12.48	0.19	126.27	237.22	160.02
157.83	952.84	246.32	29.47	8.54	2.83	0	19.58	0.24	131.23	221.12	184.01
155.76	989.33	238.13	62.36	8.97	2.53	0	15.42	0.2	130.3	261.97	184
159.19	998.24	233.86	56.68	8.08	2.84	0	23.06	0.12	127.85	236.5	180.8
184.74	995.26	211.56	41.4	7.54	2.96	0	23.56	0.43	127.09	259.67	187.06
168.81	946.89	252.59	39.56	7.78	3.1	0	28.2	0.21	128.35	290.19	191.7
168.07	918.38	251.22	74	7.58	2.4	0	25.5	0.44	125.98	284.2	192.24

179.3	1023.28	246.33	61.59	7.63	2.2	0	21.54	0.42	129.2	243.34	191.2
172.21	936.64	253.52	44.04	7.13	3.95	0	11.69	0.08	128.9	215.65	203.45
166.9	960.16	257.24	33.92	8.59	4.31	0	17.52	0.01	124.6	228.81	200.36
181.95	905.02	252.59	67.66	7.89	2.23	0	17.41	0.44	124.27	212.57	196.22
181.96	939.18	248.85	65.48	8.02	3.4	0	19.14	0.34	122.04	237.19	192.26
160.9041	936.4932	227.6712	54.21918	8.958904	3.09589	0	7.780822	0	120.2466	175.1233	194.3288
155.5616	894.1918	228.7123	60.49315	10.68493	3.013699	0	9.041096	0.273973	126.274	177.9178	191.0137
150.9315	936.4932	218.7671	59.45205	11.06849	2.849315	0	7.863014	2.082192	124.4384	173.9178	182.9589
154.0274	943.2329	218.411	55.69863	11.83562	2.493151	0	8.60274	2.767123	121.4247	169.726	183.3151
167.48	394.41	124.83	23.91	68.42	1.25	0	3.48	0	91.85	99.49	274.64
177.96	446.54	125.5	26.87	72.66	1.63	0	4.06	0	93.38	102.42	276.78
195.73	459.75	123.84	27.95	75.59	1.92	0	5.82	0	89.48	107.83	281.88
186.1	457.62	118.68	31.08	80.58	1.74	0	3.95	0	96.26	100.32	294.14
184.48	456.75	113.71	31.42	85.2	1.88	0	4.21	0	96.02	91.94	284.06
177.28	460.34	102.26	32.15	84.55	1.64	0	2.9	0	89.98	96.09	266.8
178.87	500.79	106.12	36.4	85.37	2.13	0	2.76	0	90.24	100.99	287.57
182.54	533.28	112.88	37.77	88.59	2.09	0	2.32	0	95.59	103.48	268.09
173.84	599.2	121.9	37.91	81.42	2.24	0	1.91	0	93.22	104.61	253.47
203.84	634.68	119.87	45.04	81.25	2.16	0	2.26	0	97.41	115.72	249.03
197.57	733.24	118.9	47.05	82.77	2.86	0	1.98	0	95.21	151.71	226.8
196.76	644.18	125.27	53.99	79.19	2.67	0	1.5	0	100.19	120.19	203.13
200.19	675.11	113.1	47	84.54	2.82	0	1.34	0	101.07	115.06	191.13
198.18	607.87	114.83	53.01	84.56	3.69	0	1.63	0	96.47	141.23	209.22
205.22	604.33	112.86	53.48	84.56	4.71	0	1.87	0	99.47	138.58	210.41
233.51	682.9	116.72	62.63	84.87	4.76	0	1.49	0	91.57	158.49	220.55
258.99	704.47	128.54	64.86	84.72	4.36	0	1.62	0	88.42	180.62	213.51
221.59	633.02	123.45	75.98	88.05	4.46	0	1.7	0	91.07	169.73	223.45
270.05	649.14	121.31	77.03	95.26	6.63	0	2.47	0	94.8	189.18	226.08
266.88	733.14	113.03	74.12	86.27	5.19	0	2.21	0	88.45	184.74	250.56
317.5	808.57	135.9	89.47	85.26	6.5	0	1.91	0	82.37	193.66	227.83
267.34	836.27	118.04	85.56	84.92	6.31	0	1.88	0	94.41	231.99	215.02
283.07	916.03	149.25	92.59	91.88	6.42	0	2.77	0	92.57	198.94	214.02
259.33	788.43	124.38	88.98	126.12	6.83	0	8.66	0	102.87	206.43	258.4
166.57	445.74	89.97	58.52	80.9	3.31	0	2	0	75.01	144.05	197.9
162.02	464.45	105.94	62.86	85.94	3.62	0	2.65	0	89.49	135.61	209.28
193.55	513.15	114.86	68.85	88.01	3.16	0	2.07	0	76.57	130.92	215.74
173.03	395.57	111.77	64.09	89.54	3.7	0	1.82	0	78.66	135.51	202.21
160.9	438.71	110.57	67.19	73.34	3.96	0	2.33	0	103.16	140.44	184.21
141.34	417.54	106.05	66.28	77.84	3.02	0	2.67	0	74.46	153.2	223.44
145.68	410.67	129.32	76.19	72.18	3.24	0	2.88	0	81.09	150.72	203
149.09	425.46	134.96	76.16	79.52	3.38	0	1.36	0	63.51	161.39	219.41
162.85	445.57	111.89	87.4	109.08	3.35	0	1.02	0	77.16	153.43	188.42
145.71	495.52	126.07	85.65	106.49	3.23	0	1.77	0	84.99	141.32	190.45
147.33	544.79	109.01	97.85	66.76	3.45	0	2.37	0	87.46	161.43	198.01
121.95	508.52	77.2	110.19	62.96	3.28	0	2.35	0	123.05	113.31	234.32
131.78	462.25	105.75	115.2	78.61	3.04	0	2.39	0	121.91	88.3	242.06
134.04	465.41	97.2	142.02	71.52	3.2	0	2.46	0	127.08	188.75	230.88
109.53	550.23	136.23	172.98	72.41	3.1	0	1.24	0	134.62	155.55	239.01
76.89	726.32	139.73	184.93	80.34	3.01	0	1.25	0	131.62	175.71	219.4

81.97	692.74	126.03	170.93	93.71	3.09	0	1.25	0	129.06	182.7	228.61
67.92	658.27	133.01	171.81	79.06	3.23	0	0.55	0	157.49	165.18	244.51
69.63	613.8	130.38	163.54	93.67	6.14	0	0.57	0	154.56	157.86	222.55
74.05	515.36	115.22	166.2	81.61	5.05	0	0.15	0	177.44	128.95	235.97
82.35	522.12	118.9	174.43	94.02	5.1	0	0.57	0	162.75	105.52	239.79
83.2	520.96	112.72	160.47	114.14	5.49	0	0.57	0	149.47	130.92	248.53
83.83	467.55	116.65	150.29	97.23	5.62	0	0.56	0	149.78	214.7	264.35
83.41	464.17	116.94	171.21	95.9	5.58	0	0.41	0	160.28	109.77	260.74
97.52	439.5	108.48	173.1	96.84	5.66	0	0.33	0	165.36	109	256.04
90.5	449.69	101.74	194.51	85.36	6.37	0	0.29	0	173.1	104.75	259.65
138.11	408.98	70.39	4.4	84.22	0.14	0	0	0	86.81	179.19	214.69
140.76	380.04	69.45	4.42	74.57	0.33	0	0	0	78.74	183.32	221.96
143.43	377.3	66.39	10.1	81.75	0.32	0	0.19	0	90.41	167.8	191.67
139.79	399.81	76.19	12.5	76.28	0.53	0	0.12	0	84.94	171.45	193.24
137.23	402.56	73.7	16.56	66.08	0.39	0	0.18	0	86.7	178.88	217.74
133.55	374.76	77.18	18.74	68.38	0.43	0	0.15	0	89.64	169.65	233.51
142.25	392.01	78.74	22.63	73.69	0.52	0	0.14	0	99.76	164.65	232.39
144.68	380.63	77.87	28.95	55.13	0.44	0	0.19	0	95.43	156.31	252.53
149.22	434.17	81.95	34.86	93.04	0.52	0	0.62	0	109.95	170.96	234.77
145.76	452.78	90.33	48.87	83	0.52	0	0.34	0	108.1	202.03	241.23
155.03	492.06	88.17	43.76	78.8	0.63	0	0.28	0	116.98	218.34	233.5
159.31	599.13	77.22	46.62	93.54	0.29	0	0	0	91.52	247.01	240.1
138.17	609.2	77.59	47.34	92.07	0.3	0	0	0	96.61	236.3	253.35
132.88	578.25	87.74	47.95	96.38	0.31	0	0	0	97.82	207.29	236.51
143.31	413.29	76.52	48.76	95.87	0.77	0	0.15	0	89.51	195.28	242.73
129.97	423.25	52.89	46.72	93.69	0.64	0	0.33	0	91.92	174.79	249.57
126.56	418.06	65.73	51.95	91.93	0.58	0	0.28	0	92.67	139.05	227.46
120.75	397.3	54.35	44.4	98.87	0.7	0	0.32	0	92.78	134.7	238.52
116.61	363.31	54.52	49.3	91.14	0.39	0	0.27	0	101.95	122.92	229.7
106.19	412.48	83.06	62.01	91.65	0.92	0	0.23	0	99.65	161.62	230.5
103.45	405.95	53.63	53.6	95.17	0.82	0	0.27	0	92.48	159.2	235.85
105.03	414.03	83.59	56.29	82.6	1.14	0	0.26	0	100.11	172.37	237.13
96.53	403.7	49.22	62.7	91.04	0.83	0	0.29	0	94.96	154.31	230.05
94.3	422.54	56.39	62.4	84.08	0.9	0	0	0	75.27	160.35	247.4
93.2	335.52	58.17	68.74	95.14	0.8	0	0	0	91.03	164.11	238.37
96.22	385.21	45.23	66.43	83.31	0.96	0	0	0	91.05	167.32	233.04
96.33	365.41	66.18	83.64	82.78	0.66	0	0	0	94.58	165.21	253.29
88.33	325.43	51.72	59.82	96.96	0.59	0	0	0	93	176.9	230.57
87.21	311.86	52.34	64.91	98.38	0.66	0	0	0	82.18	209.23	226.49
95.7	305.61	52.18	86.2	89.47	0.56	0	0	0	104.15	170.28	213.3
94.66	359.81	41.22	85.03	97.8	0.67	0	0	0	101.75	149.5	223.16
94.64	343.69	64.82	103.92	101.88	0.73	0	0	0	80.01	146.44	200.67
94.5	356.11	49.98	87.79	96.89	0.57	0	0	0	63.38	158.57	213.98
98.15	408.97	56.42	96.6	100.44	0.63	0	0	0	72.44	142.01	207.44
90.97	373.39	45.62	95.51	97.7	0.58	0	0	0	78.36	148.39	182.14
94.96	549.73	45.67	90.6	78.52	0.99	0	0.37	0	67.92	122.4	217.71
118.42	363.77	73.89	99.23	67.87	1.14	0	13.78	1.01	62.08	98.83	204.33
106.67	346.48	78.93	105.3	69.53	1.04	0	7.33	1.16	64.48	136.84	191.25
97.03	350.61	66.68	101.51	65.34	0.74	0	7.14	1.26	60.47	110.45	237.44



92.2	335.49	63.3	86.96	59.2	0.82	0	3.25	1.09	65.53	110.61	276.61
100.41	414.54	81.05	95.52	55.97	2.22	0	7.19	1.23	67.2	114.76	225.01
95.83	409.47	76.6	101.67	56.35	1.63	0	5.11	1.18	65.38	106.9	213.46
95.98	432.22	72.5	105.97	50.44	1.35	0	7.13	1.14	67.47	143.38	216.2
102.28	391.82	83.03	112.14	45.79	1.23	0	6.94	1.06	69.15	126.61	206.31
99.3	378.9	80.84	108.8	62.05	1.26	0	6.25	0.94	70.14	131.3	199.91
99.24	401.9	84.99	99.39	51.71	1.07	0	7.32	1.04	71.94	130.41	202.15
105.28	388.78	80.49	115.62	51.46	1.28	0	5.85	1.18	71.64	136.02	202.61
101.4	324.21	75.32	112.58	61.42	0.63	0	2.66	0.73	68.95	164.37	209.67
106.75	372.48	90.95	119.21	55.96	1.47	0	5.41	1.51	69.69	157.1	210.48
115.17	366.43	86.59	111.44	49.77	1.51	0	6.02	1.48	71.26	158.97	207.84
114.64	381.1	106.09	119.74	47.57	1.71	0	6.53	1.56	70.98	163.96	215.83
123.73	346.99	98.68	113.11	45.58	1.77	0	5.71	1.63	70.48	165.99	219.78
119.43	327.53	85.74	121.54	47.86	1.28	0	5.99	1.51	70.87	166.66	223.96
99.53425	95.67123	60.79452	110.5205	52.87671	1.534247	0	5.643836	4.383562	102.9863	192.2466	213.9178
96.65753	75.06849	57.61644	110.1918	53.09589	1.287671	0	2.986301	4.410959	102.5205	192.0274	213.0137
90.9863	84.19178	59.64384	108.8219	46.65753	1.232877	0	4.465753	3.452055	102.6301	184.5205	209.2603
88.24658	88.63014	57.28767	106.0548	50.30137	1.479452	0	4.219178	3.479452	102.1644	181.8356	221.3973
299.39	562.95	172.59	7.32	3.52	0.32	0	0.99	0.01	134.65	228.2	232.69
330.46	553.73	174.54	9.08	3.09	0.35	0	0.51	0.01	138.98	236.36	228.35
314.86	563.3	173.14	7.67	4.63	0.41	0	0.82	0.03	136.26	264.69	227.97
310.06	492.33	177.2	8.42	5.13	0.4	0	0.85	0.05	121.21	266.28	231.11
284.03	525.3	182.82	9.6	5.83	0.36	0	0.78	0.04	135.54	259	230.26
300.77	573.61	186.15	10.23	5.08	0.43	0	0.75	0.06	139.74	191.91	228.65
300	506.3	158.66	10.32	3.68	0.44	0	0.57	0.05	136.53	201.06	215
309.1	594.29	201.02	10.47	4.72	0.49	0	0.45	0.07	126.31	214.24	208.6
330.07	583.99	207.55	11.9	3.03	0.35	0	1.06	0.07	135.44	246.84	205.56
287.09	652.64	192.04	13.94	4.1	0.44	0	0.73	0.04	136.82	223.69	202.7
294.53	644.92	167.53	16.77	4.67	0.34	0	0.68	0.08	132.46	212.29	198.96
304.23	665.51	154.19	17.18	4.59	0.45	0	0.73	0.14	132.46	236.51	197.71
300.8	738.38	178.84	18.35	5.39	0.4	0	0.78	0.07	132.69	242.52	198.27
275.44	755.54	130.12	25.24	5.43	0.38	0	0.92	2.79	140.8	244.23	199.23
349.7	753.4	149.69	23.02	5.65	0.31	0	1.1	0.38	123.06	244.62	205.48
395.58	811.2	159.26	23.46	5.09	0.32	0	0.76	0.18	135.37	219.72	205.54
289.58	737.11	162.65	23.07	6.24	0.37	0	1.39	0.17	127.54	235.13	221.4
342.49	641.89	154.61	30.68	5.12	0.39	0	1.58	0.19	139.72	275.05	207.58
269.19	586.42	131.97	28.55	6.2	0.4	0	1.96	0.17	137.91	249.61	211.27
292.53	642.63	137.12	26.4	6.45	0.35	0	2.28	0.15	126.37	262.05	214.16
262.72	731.95	132.2	32.48	6.14	0.31	0	2.7	0.3	125.09	224.78	209.59
275.49	730.89	148.19	29.9	6.78	0.38	0	2.85	0.18	135.14	250.87	213.33
232.36	692.55	155.15	26.97	6.63	0.34	0	2.67	0.35	120.98	234.04	195.06
261.12	728.16	171.87	34.02	6.85	0.28	0	2.67	0.26	128.35	232.78	185.54
263.9	764.95	155.11	38.94	7.52	0.36	0	3.56	0.13	130.4	256.44	183.32
304.85	701.6	156.05	36.64	7.62	0.3	0	2.86	0.16	145.51	266.83	192.88
280.54	615.53	157.59	38.5	8.79	0.35	0	3.49	0.12	152.93	302.03	188.03
266.68	740.71	155.71	42.72	9.64	0.45	0	4.14	0.19	145.09	279.86	186.76
211.07	700.57	153.09	46.33	10.11	0.46	0	4.73	0.73	141.92	279.93	176.49
242.37	702.99	151.99	45.37	11.71	0.65	0	5.56	0.61	142.33	284.9	188.36
235.91	617.26	151.29	46.4	13.02	0.6	0	3.35	0.42	141.75	329.2	197.78

219.15	481.6	172.98	52.81	13.35	0.63	0	3.59	0.46	140.85	280.11	216.31
248.48	486.49	220.78	56.35	13.35	0.62	0	3.69	0.5	135.23	335.23	223.43
207.45	457.66	220.43	55.47	13.6	0.72	0	4.18	0.66	143.5	545.66	222.73
287.06	449.79	219.09	65.63	15.61	0.78	0	4.51	0.52	126.79	548.96	218.01
246.2	444.46	195.58	63.66	16.48	0.79	0	6.84	0.44	137.14	525.85	214.04
242.39	387.66	185.8	64.33	18.78	0.86	0	5.83	0.58	143.86	416.8	227.68
215.73	317.99	185.04	69.2	20.11	0.84	0	4.41	0.53	145.06	372.04	254.3
239.2	220.08	184.39	68.27	19.14	1.16	0	5.52	0.6	148.21	375.95	252.61
193.17	304.47	182.92	73.12	20.12	1.19	0	5.63	0.76	157.22	361.55	224.43
205.32	292.22	186.19	84.01	21.01	1.12	0	5.83	0.61	163.83	390.78	204.37
208.29	277.37	185.31	92.09	25.72	1.16	0	7.01	0.89	166.04	336.6	196.89
210.41	284.74	151.33	98.34	25.78	1.34	0	7.89	0.84	170.4	323.07	204.48
215.54	283.39	146.44	97.89	26.49	1.15	0	9.46	0.92	164.83	379.85	205.22
195.4	295.29	154.2	102.02	24.18	1.33	0	10.56	0.9	168.59	334.86	207.19
217.97	278.61	150.24	95.51	25.09	1.39	0	10.8	0.91	161.66	415.86	209.15
237.67	309.71	175.46	94.11	24.99	1.48	0	13.49	1.06	164.58	355.24	203.05
241.87	262.14	156.15	91.73	25.91	1.04	0	12.63	1.06	170.88	360.97	206.42
216.08	307.64	146.64	83.46	26.12	1.32	0	13.31	1.3	165.1	386.31	207.01
189.88	330.58	159.01	87.64	27.68	1.73	0	15.44	1.37	155.74	338.53	208.83
262.82	384.74	147.77	96.76	19.16	1.34	0	10.6	0.79	159.27	332.49	207.26
190.49	382.61	143.32	100.31	24.84	1.81	0	16.38	1.07	157.74	370.98	214.52
196.18	401.88	147.75	95.84	25.1	1.84	0	17.81	1.21	162.3	357.86	210.71
192.5479	326.411	128.4932	93.53425	28.27397	1.671233	0	6.849315	1.945205	156.411	304.9863	231.5068
187.1507	331.9726	126.9589	94.13699	27.69863	1.69863	0	7.616438	1.945205	156.7123	311.3151	239.2055
188.3288	298.5479	126	94.63014	27.47945	1.69863	0	7.205479	1.972603	149.8904	301.6986	242.4658
186.2466	326.9863	127.8082	95.31507	29.42466	1.808219	0	7.150685	1.972603	154.7123	272.4384	254.7123
49.75	254.47	2.74	3	37.04	0.09	0	0.07	0	95.35	62.86	34.12
44.34	261.38	3.52	3.49	32.8	0.13	0	0.15	0	104.46	62.46	34.76
47.44	277.05	3.26	3.81	33.36	0.11	0	0.1	0	107.01	59.12	34.95
51.9	260.97	3.36	4.12	46.38	0.13	0	0.09	0	102.84	61.83	35.7
52.93	255.02	6.07	4.67	47.86	0.12	0	0.1	0	94.21	59.51	45.66
56.37	268.54	6.25	4.87	48.8	0.11	0	0.13	0	86.87	61.4	40.01
55.51	262.45	7.34	4.82	57.85	0.11	0	0.07	0	84.87	63.15	40.15
60.69	283.1	5.98	5.01	54.82	0.12	0	0.11	0	95.66	62.48	41.41
64.45	280.88	5.61	4.52	55.71	0.08	0	0.03	0	84.83	63.76	40.84
66.99	286.31	5.15	4.86	46.67	0.1	0	0.13	0	84.45	66.43	39.8
69.61	274.47	5.27	5.04	44.08	0.1	0	0.09	0	89.66	62.49	40.85
68.14	258.62	6.5	6.19	42.75	0.14	0	0.18	0	93.61	60.38	41.47
61.55	250.51	15.33	6.86	44.81	0.16	0	0.95	0	98.75	58.4	43.71
57.47	276.16	5.49	8.6	45.09	0.09	0	0.93	0	98.57	65.26	34.49
67.72	281.54	12.19	9.99	44.24	0.19	0	0.66	0	100.79	65.75	40.54
71.6	280.08	6.92	11.09	43.42	0.11	0	0.88	0	110.39	61.56	43.53
78.11	270.9	7.51	9.87	43.1	0.11	0	1.31	0	114.34	62.3	45.86
66.47	268.06	7.56	8.22	47.49	0.14	0	0.32	0	108.25	67.62	43.96
61.11	254.33	6.04	6.22	68.88	0.08	0	0.68	0	105.07	61.13	25.97
49.57	157.31	10.34	8.48	75.27	0.09	0	0.69	0	110.08	71.72	31.8
46.69	159.22	9.1	9.39	82.41	0.09	0	0.51	0	107.91	76.07	47.3
47.48	164.66	12.36	8.45	85.76	0.06	0	0.57	0	120.01	59.76	44.91
47.94	136.44	10.68	8.86	87.67	0.06	0	0.63	0	119.13	62.16	51.15

52.13	184.19	12.31	5.61	83.84	0.04	0	0.53	0	119.04	57.24	57.84
44.93	183.07	14.16	7.68	81.03	0.03	0	0.68	0	120.13	60	52.78
40.34	191.72	13.79	7.4	77.67	0.02	0	0.73	0	118.48	57.11	60.97
31.73	174.69	18.3	7.78	76.02	0.02	0	0.58	0	112.16	53.53	61.35
27.25	153.76	13.18	7.29	79.64	0.02	0	0.62	0	98.08	54.99	58.54
25.32	158.2	14	4.52	76.49	0.03	0	1.24	0	105.39	46.83	55.61
34.16	151	15.35	4.71	74.08	0.04	0	3.55	0	70.11	26.66	47.31
31.62	128.89	18.32	10.37	74.04	0.07	0	3.48	0	63.97	33.28	63.52
29.37	150.93	18.26	13.6	71.14	0.12	0	2.02	0	79.15	32.93	55.42
26.05	132.91	19.99	14.63	89.97	0.1	0	3.35	0.04	78.89	34.12	49.33
21.15	132.03	22.79	16.29	105.39	0.13	0	5.6	0	91.43	28.62	56.67
20.03	118.57	21.27	17.44	112.44	0.12	0	1.69	0.01	93.08	23.16	53.32
22.94	92.26	20.13	17.01	123.22	0.11	0	0.96	0.01	98.68	25.31	54.95
22.29	106.69	21.84	17.33	131.14	0.12	0	0.34	0	95.52	24.69	48.47
20.57	137.4	19.42	18.83	132.78	0.11	0	0.32	0	100.14	25.15	63.82
20.38	215.73	21.98	20.52	123.68	0.11	0	0.1	0.01	98.01	27.13	61.29
20.92	193.46	22.57	26.41	128.9	0.13	0	0.02	0.01	102.82	28.8	57.35
21.7	199.55	20.35	30.4	132.58	0.12	0	0.02	0.01	102.82	28.79	64.94
18.48	219.94	19.84	29.7	137.99	0.09	0	0.15	0.01	102.4	33.69	68.58
22.76	198.76	16.36	32.32	146.78	0.12	0	0.56	0.01	100.89	25.55	63.03
23.96	209.68	20.04	34.56	142.47	0.15	0	1.29	0.01	100.11	28.75	73.27
24.14	216.06	19.5	36.4	141.45	0.16	0	0.24	0.01	100.1	26.5	71.8
25.05	222.63	20.17	42.39	111.18	0.17	0	0.13	0.01	101.39	30.15	79.05
26.79	222.47	18.92	44.71	114.15	0.23	0	0.1	0.01	100.33	31.9	71.69
27.33	205.19	18.97	44.87	118.27	0.17	0	0.08	0.01	107.83	31.15	61.1
27.86	214.23	17.51	43.87	119.37	0.19	0	0.09	0.01	108.1	30.2	69.39
28.82	217.15	18.71	49.27	118.76	0.19	0	0.1	0.01	113.7	33.11	71.52
17.62	224.39	15.68	48.6	118.53	0.16	0	0.16	0.01	117.89	45.78	74.91
17.1	230.37	14.59	42.86	118.77	0.15	0	0.16	0.01	113.89	56.45	75.37
28.33	233.7	17.1	58.4	118.72	0.17	0	0.25	0.02	115.82	56.17	77.18
27.61644	231.2329	14	59.31507	179.2329	0.136986	0	0.082192	0.054795	155.0411	83.34247	76.13699
28.84932	237.3699	14.21918	55.50685	182.6849	0.136986	0	0.109589	0.054795	151.3151	84.84932	81.75342
25.17808	240.7397	14.35616	57.28767	188.3562	0.136986	0	0.082192	0.054795	154.4384	105.0411	76.27397
30.87671	232.8767	14.49315	59.15068	188.3014	0.136986	0	0.136986	0.054795	155.0959	109.4795	77.56164
45.2	153.03	0.13	3	5.64	0.4	0	0	0	6.27	127.15	2.74
44.24	153.7	0.1	3.01	5.73	0.59	0	0	0	8.33	117	3.42
48.99	154.25	0.11	3.02	6.61	0.36	0	0	0	7.73	132.7	2.33
49.9	155.69	0.07	3.23	5.13	0.36	0	0	0	7.83	140.39	2.27
49.29	156.56	0.07	3.43	6.65	0.36	0	0	0	8.03	198.11	1.98
53.99	161.74	0.08	3.62	9.32	0.35	0	0	0	6.24	177.13	3.21
59.44	162.3	0.1	3.78	9.89	0.34	0	0	0	6.13	185.91	3.33
67.61	161.8	0.06	3.83	13.82	0.33	0	0	0	6.3	194.84	2.99
63.77	166.45	0.04	3.83	14.85	0.58	0	0	0	6.98	151.91	3.49
62.71	177.32	0.02	3.85	14.46	0.56	0	0	0	7.48	157.42	5.18
61.31	164.63	0.03	3.8	13.75	0.66	0	0.96	0	7.62	150.29	4.71
60.17	140.75	0.04	3.74	10.45	0.39	0	1.37	0	7.92	141.25	4.99
50.77	129.54	0.04	3.69	11.44	0.92	0	0.64	0	8.16	144.6	3.84
50.14	135.32	0.02	3.73	14.47	0.74	0	1.12	0	8.12	148.5	4.02
51.5	149.68	0	3.76	10.37	0.49	0	2.88	0	8.45	155.62	3.93

48.87	158.81	0.24	3.88	11.03	0.32	0	0.7	0	8.93	173.45	5.91
67.5	155.87	0.12	3.78	11.74	0.15	0	0.75	0	9.8	160.98	8.27
67.13	156.62	0.16	3.76	17.1	0.49	0	0.4	0	10.42	181.17	11.46
61.61	159.88	0.24	3.71	20.22	0.41	0	0.45	0	11.53	192.8	12.45
71.51	156.66	0.2	3.72	21.01	0.33	0	0.54	0	10.97	183.85	13.72
72.96	162.26	0.37	3.9	21.8	0.45	0	1.54	0	10.67	184.43	18.99
69.66	160.52	0.28	3.78	26.77	0.44	0	3.6	0	15.21	175.95	19.23
69.15	179.94	0.4	3.63	25.91	0.47	0	2.19	0	18.23	176.57	19.58
56.47	139.74	0.51	3.6	26.09	0.47	0	2.1	0	19.98	139.9	20.26
45.87	118.13	0.45	3.51	38.34	0.82	0	1.23	0	18.71	137.53	17.59
48.94	115.44	0.5	3.43	29.84	1.19	0	2.95	0	18.98	148.17	15.23
51.07	116.16	0.55	3.47	33	1.93	0	2.62	0	18.9	156.61	16.47
52.89	120.5	0.61	3.41	24.05	1.85	0	2.91	0	17.42	167.68	20.34
54.64	112.53	0.65	3.34	28.5	2.41	0	2.48	0	17.07	194.62	20.34
51.47	148.77	0.67	3.25	28.05	1.8	0	2.83	0	15.3	201.81	24.09
49.46	133.93	0.71	3.23	28.95	1.59	0	3.12	0	12.05	183.87	19.98
54.14	148.92	0.71	3.19	27.68	1.69	0	3.4	0	10	200.55	20.63
55.66	152.75	0.71	3.14	30.16	1.87	0	3.67	0	9.61	177.94	26.05
55.45	149.24	0.69	3.1	16.35	1.68	0	0.79	0	7.75	196.71	9.41
50.26	159.9	0.57	3.04	22.29	2.05	0	2.67	0	16.45	202.82	6.53
59.69	155.51	1.69	2.99	25.39	1.97	0	2.49	0	16.47	211.23	14.57
59.1	156.49	3.2	2.93	37.07	1.9	0	2.75	0	18.51	192.13	9.35
60.32	161.34	4.63	2.86	34.58	1.95	0	3.57	0	18.87	206.81	13.75
61.73	159.77	0.88	2.82	31.23	2.05	0	3.49	0	17.3	195.13	14.13
61.5	159.8	1.63	2.74	31.27	1.58	0	4.29	0	18.48	263.57	14.87
63.29	161.44	0.86	2.71	35.97	1.71	0	6.24	0	15.82	249.01	17.33
65.77	166.19	1.12	2.62	54.81	1.26	0	6.06	0	14.44	250.32	18.69
67.5	166.47	1.44	2.57	54.66	1.3	0	6.89	0	17.29	272.08	14.86
69.8	166.77	1.96	2.51	55.37	1.45	0	7.78	0	19.58	238.54	13.75
71.05	169.62	1.96	2.44	51.89	1.45	0	8.91	0.02	18.8	250.45	17.25
70.79	170.76	5.3	2.11	43.37	1.26	0	9.03	0.08	17.45	250.14	12.85
72.5	173.4	5.46	2.06	39.33	1.52	0	8.9	0	15.79	262.92	13.35
72.65	175.09	3.6	2	38.31	1.52	0	8.93	0	15.25	275.37	11.58
60.32	173.27	5.18	2.9	35.46	1.09	0	12.28	0	18.35	249.89	14.08
52.21	168.82	5.53	2.87	27.12	0.87	0	13.63	0	13.32	245.89	17.24
51.25	163.68	3.86	2.84	29.84	0.92	0	13.37	0	13.34	266.6	10.01
49.95	169.91	8.32	2.82	30.08	0.87	0	8.18	0.02	13.06	320.88	15.58
52.1	163.61	12.14	2.96	36.07	0.84	0	5.92	0	14.54	292.45	13.11
38.71233	136.0548	8.054795	3.726027	60.08219	0.876712	0	6.794521	0	14.10959	369.2329	10.57534
39.80822	149.3425	8.246575	3.369863	56.46575	0.849315	0	5.232877	0.027397	14.13699	420.4932	9.09589
39.31507	150.7123	8.164384	2.849315	63.31507	0.821918	0	6.876712	0	12.43836	441.0959	8.520548
37.91781	151.5616	8.082192	2.575342	70.05479	0.739726	0	5.205479	0	10.08219	450.0548	11.45205
17.43	9.18	0.89	1.78	4.4	0.03	0	10.3	1.56	5.42	310.46	6.67
16.51	10.1	0.89	1.89	8.79	0.03	0	10.24	2.02	6.39	331.12	7.22
16.58	10.19	0.95	2	6.43	0.04	0	10.59	1.31	5.09	310.47	3.8
17.62	11.36	0.99	2.1	7.1	0.03	0	10.99	1.91	4.67	312.54	3.17
18	12.68	1	2.16	7.39	0.02	0	11.04	1.33	6.22	284.6	4.02
17.18	13	0.99	2.22	6.02	0.04	0	11.03	1.65	6.26	268.51	10.38
17.29	12.84	0.97	2.26	11.8	0.05	0	11.52	1.93	7.92	267.39	7.3

17.07	14.69	0.97	2.33	10.46	0.07	0	11.02	1.7	5.18	265.42	6.23
18.96	18.28	0.98	2.7	9.41	0.05	0	11.24	1.89	7.29	264.93	10.27
18.61	22.94	0.91	2.77	9.7	0.04	0	7.57	1.5	8.01	270.95	13.45
17.95	24.31	0.95	2.88	10.8	0.06	0	7.71	1.89	10.69	256.42	19.76
16.33	22.91	0.94	2.93	12.26	0.08	0	7.77	2.01	9.54	248.04	15.39
18.38	19.25	0.91	3.01	12.97	0.1	0	8.38	2.05	10.1	236.75	18.99
17.99	19.47	0.87	3.05	13.85	0.1	0	7.56	2.03	7.21	242.56	14.77
16.58	26.55	0.87	3.53	10.34	0.1	0	7.7	1.91	9.05	237.29	17.78
20.36	25.29	0.91	3.6	9.56	0.15	0	7.55	1.98	13.17	227.72	30.2
18.86	34.98	0.94	4.47	26.12	0.13	0	7.09	1.98	20.12	214.7	33.11
20.1	42.19	0.96	4.9	33.57	0.15	0	7.14	1.99	25.38	179.81	52.5
21.3	31.74	1.06	4.86	37.97	0.16	0	7.08	1.93	26.09	184.01	34.73
25.2	39.87	1.09	4.94	40.15	0.16	0	7.05	1.92	31.67	205.78	42.63
22.99	42.69	0.99	5.17	49.72	0.16	0	7.28	1.9	34.02	194.22	44.33
24.92	42.41	1.02	4.83	44.53	0.18	0	6.97	2.11	29.66	200.59	43.22
25.27	31.53	0.91	5.05	44.15	0.21	0	6.91	0.96	30.3	193.02	29.44
25.91	22.61	1	4.57	37.55	0.35	0	7.23	0.96	19.97	218.18	34.97
26.11	20.61	0.98	4.47	38.84	0.4	0	6.52	1.43	17.99	230.34	48.07
21.44	14.83	1.04	4.49	36.09	0.61	0	6.42	1.58	19.43	240.08	33.97
21.01	15.38	0.99	4.71	44.4	0.77	0	6.18	2.61	24.56	232.18	7.86
20.09	13.25	0.92	4.83	42.19	1	0	4.95	2.92	15.89	232.22	6.78
19.5	14.1	1.06	4.97	56.54	1.18	0	4.78	6.2	14.9	229.12	6.75
18.26	16.55	1.1	4.99	56.6	1.48	0	4.56	4.62	14.93	210.16	8.33
18.1	20.28	1.32	4.61	60.95	1.65	0	5.76	2.69	18.82	233.98	15.59
17.9	18.62	1.43	4.41	61.52	1.74	0	5.35	2.73	19.15	239.3	20.09
19.3	20.82	1.52	4.38	56.75	1.93	0	6.06	2.96	20.23	243.94	32.69
20.68	11.49	1.68	4.35	45.31	2	0	4.73	2.96	15.31	277.83	20.99
21.15	34.56	0.73	4.27	50.48	2.24	0	4.85	5.13	23.49	261.63	16.66
21.88	10.51	0.65	4.19	53.13	2.35	0	4.41	5.68	18.21	289.85	22.55
22.83	9.79	0.65	4.11	62.29	2.16	0	4.8	6.28	20.92	294.09	27.69
23.05	11.45	0.36	4.03	58.32	2.21	0	5.81	6.73	23.19	305.85	35.54
23.29	12.36	7.02	3.93	61.8	2.24	0	10.69	7.03	23.33	302.07	37.11
22.52	16.93	7.34	3.57	60.17	2.35	0	12.35	6.92	23.13	312.64	48.72
23.99	17.08	6.93	3.99	67.83	2.49	0	12.27	6.79	30.11	297.01	46.56
25.28	17.51	7.25	4.11	60.67	2.46	0	12.41	7.08	30.03	297.71	49.46
23.33	21.66	7.6	4.18	61.51	2.54	0	12.3	7.39	29.29	306.21	44.91
23.55	22.25	8	4.26	59	2.55	0	12.54	7.69	29.57	326.14	51.26
22.93	20.58	8.54	4.29	55.74	2.38	0	13.03	8.41	28.25	324.15	70.86
20.92	23.11	9.28	4.44	57.71	2.56	0	13.46	8.78	26.38	328.57	60.28
22.62	35.05	6.38	4.58	63.62	3.02	0	13.94	7.77	26.9	313.69	54.1
22.61	19.5	13.21	4.72	66.7	3.19	0	15.1	7.81	27.58	316.97	54.11
22.58	22.08	11.17	5.39	69.5	3.05	0	16.63	5.45	28.58	294.1	65.26
22.69	22.67	12.4	5.68	78.23	2.87	0	17.07	3.09	29.15	301.1	66.78
23.65	23.11	12.03	5.02	82.59	2.74	0	16.04	6.74	26.64	291.81	67
23.35	22.51	12.37	4.72	76.92	2.61	0	14.95	7.01	29.21	291.58	45.78
23.09	21.95	12.7	4.75	77.33	2.61	0	13.59	7.12	30.12	283.55	57.04
19.80822	7.589041	12.43836	2.931507	129.3973	2.465753	0	3.863014	5.09589	26.16438	343.2055	71.36986
19.78082	6.657534	12.41096	2.958904	105.8356	4.164384	0	3.315068	5.09589	25.0137	335.7808	69.61644
19.09589	6.410959	12.38356	2.931507	129.4795	5.123288	0	3.068493	4.958904	26.46575	334.4658	65.67123

18.9863	6.164384	12.38356	2.767123	126.9041	5.013699	0	3.013699	4.90411	22.43836	326	49.15068
57.36986	417.6712	166.6849	48.82192	12.54795	1.068493	0	9.534247	1.369863	140.2192	620.5753	283.5068
57.72603	435.0137	172.7671	51.28767	12.05479	0.794521	0	11.28767	1.260274	146.3836	763.0411	282.1096
54.87671	437.3151	171.9178	49.26027	10.19178	1.205479	0	9.972603	1.260274	145.2055	704.6849	285.0137
54.87671	434.9041	178.411	54.05479	9.260274	1.205479	0	9.287671	0.356164	141.2055	710.9041	283.4521
33.9	119.71	29.5	5.25	26.66	0.57	0	2.74	0	67.19	228.57	234.44
31.97	117.47	21.8	5.08	25.05	0.55	0	2.91	0	55.53	252.27	222.43
30.53	114.93	24.25	5.03	25.32	0.53	0	3.53	0	54.44	251.81	231.44
30.39	116.35	21.11	5.1	27.08	0.57	0	3.01	0	65.97	260.63	232.47
31.14	116.24	26.37	5.14	27.89	0.59	0	2.85	0	69.55	255.81	242.54
32.33	115.31	20.41	5	28.02	0.53	0	1.83	0	85.32	255.37	234.95
31.81	116.13	15.89	5.04	27.67	0.55	0	1.75	0	82.59	247.28	251.51
33.26	125.44	21.84	5.04	27.74	0.6	0	1.61	0	84.29	262.57	251.09
32.73	124.52	23.17	5.07	27.87	0.53	0	1.68	0	92.43	264.9	254.24
31.81	122	25.31	5.24	28.42	0.51	0	2.34	0	87.54	261.48	251.05
32.27	122.07	22.46	5.33	29.45	0.65	0	2.04	0	86.29	268.02	255.21
32.38	121.44	25.31	5.68	30.21	0.67	0	2.51	0.04	89.51	257.42	265.79
32.38	120.66	31.26	5.48	30.8	0.56	0	2.13	0.07	89.87	263.18	271.1
31.95	126.74	32.37	5.55	30.8	0.57	0	2.4	0.05	91.29	279.38	278.24
32.27	130.5	36.12	5.83	31.14	0.61	0	2.17	0.1	93.01	295.41	282.9
32.59	137.03	32.03	6.01	30.93	0.65	0	2.41	0.13	90.31	296.38	287.85
33.23	149.65	37.18	6.59	30.58	0.59	0	2.45	0.15	96.12	281.36	297.23
32.99	153.4	37.28	6.83	30.62	0.65	0	2.23	0.2	100.82	293.27	318.79
32.93	157.73	45.48	7.23	30.25	0.67	0	2.48	0.22	104.26	297.31	328.46
34.62	167.17	46.7	8.44	30.74	0.87	0	2.65	0.21	106.14	296.86	342.41
36.32	179.77	43.78	9.62	30.46	0.65	0	3.23	0.15	106.73	295.21	348.59
35.78	181.61	42.32	9.74	29.79	0.69	0	2.86	0.19	108.78	288.51	355.36
36.79	187.21	47.22	10.75	31.79	0.82	0	2.75	0.25	111.95	296.78	356.22
36.16	168.56	44.97	13.04	31.19	0.76	0	2.65	0.26	113.16	296.67	362.55
36.04	187.01	60.85	12.95	30.4	0.84	0	2.52	0.22	111.69	329.82	364.07
35.4	179.43	54.75	13.15	29.85	0.76	0	2.43	0.22	111.43	357.18	370.73
35.34	181.16	61.18	14.34	29.82	0.73	0	2.39	0.22	110.41	368.32	382.89
36.27	182.88	62.21	13.15	26.56	0.93	0	2.44	0.21	109.24	340.98	387.25
36.97	189.7	59.24	13.05	31.41	0.88	0	2.85	0.19	107.87	328.66	375.42
37.13	186.79	55.77	13.22	35.48	0.83	0	3.16	0.18	108.6	332.1	391.07
37.56	184.77	62.14	13.56	37.82	1.03	0	3.57	0.19	106.42	335.12	383.43
38.28	189.46	56.56	13.97	38.8	1.03	0	3.6	0.2	106.57	336.58	386.42
38.71	198.56	55.6	13.9	41.09	1.09	0	3.57	0.21	105.07	334.79	383.94
40.58	199.49	49.87	14.61	43.62	0.98	0	3.51	0.2	105.24	334.74	388
41.61	201.14	59.5	15.43	45.56	1.1	0	3.81	0.17	105.46	339.75	384.16
40.11	189.98	64.1	16.41	46.46	0.97	0	4.25	0.17	103.79	375.47	402.43
42.78	201.66	61	18.35	45.22	0.99	0	4.28	0.16	114.85	377.53	391.31
44.42	208.41	60.52	18.57	43.41	1.16	0	4.42	0.18	118.28	383.94	380.49
45.88	219.38	55.59	19.58	44.63	1.05	0	4.42	0.16	123.43	406.65	369.27
47.4	230.75	60.96	19.91	45.22	1.03	0	4.93	0.08	137.98	405.53	362.1
43.18	244.4	56.91	20.16	44.15	1.21	0	5.08	0.06	139.36	390.46	377.76
44.65	255.61	66.27	20.46	50.37	1.23	0	4.87	0.04	143.05	402.92	368.84
44.86	267.92	72.82	21.13	48.14	1.26	0	4.67	0.05	135.9	436.75	369.12
46.11	259.39	78.96	21.33	46.46	1.23	0	4.58	0.04	135.87	461.44	368.34

48.62	263.97	89.36	21.62	41.63	1.31	0	4.22	0.07	131.24	452.14	376.71
51.84	265.81	78.13	22.08	44.45	1.58	0	4.84	0.28	129.7	476.16	369.46
52.55	274.79	74.43	23.87	45.28	1.34	0	4.62	0.7	133.65	474.48	367.57
50.46	274.9	87.39	23.64	45.85	1.37	0	5.11	0.73	131.2	476.45	374.4
50.45	269.01	92.17	25.17	43.97	1.26	0	5.43	0.94	127.31	503	377.55
51.58	278.12	96.06	28.05	42.17	1.14	0	5.11	1.11	129.8	480	373.19
51.7	290.2	97.38	27.73	44.81	1.58	0	5.24	1.13	128.69	471.73	377.2
53.16	278.57	110.05	30.62	47.76	1.65	0	5.6	0.74	132.46	493.67	382.41
54.59	265.07	105.51	32.52	46.86	1.87	0	5.39	0.98	133.83	484.76	381.19
48.93151	229.3699	103.863	29.69863	67.89041	1.671233	0	5.342466	0.191781	125.1781	475.8904	395.1233
50.19178	214.0274	102.9041	29.91781	65.89041	1.39726	0	5.205479	0.219178	124.6301	470.3562	393.1781
47.28767	208.1918	105.8082	30.35616	66.79452	1.369863	0	5.205479	0.931507	123.6438	440.0274	394.2192
48	202.411	105.9452	30.60274	66.60274	1.452055	0	5.232877	0.191781	122.3288	441.2603	393.2055
201.53	737.5	139.49	44.41	6.76	0.53	0	5.08	0.04	141.09	253.68	196.48
203.78	714.37	137.44	44.08	7.88	0.59	0	4.4	0.04	142.84	262.67	192.51
211.32	717.21	141.84	45.1	7.12	0.49	0	5.78	0.04	139.58	244.5	191.79
219.23	716.43	141.64	46.38	7.6	0.55	0	5.08	0.05	143.43	240.72	188.82
211.21	704.1	136.59	49.13	8.46	0.58	0	4.96	0.04	145.71	246.89	190.06
216.45	703.69	148.44	52.29	7.72	0.46	0	5.25	0.04	146.13	246.03	185.42
225.51	681.62	139.57	54.24	7.94	0.56	0	5.65	0.04	148.6	259.7	186.68
230.61	682.45	147.12	53.68	8.32	0.57	0	5.9	0.04	149.64	280.73	186.68
228.82	685.08	149.61	56.17	8.88	0.55	0	6.07	0.04	153.5	251.63	186.82
234.37	672.75	154.2	58.48	7.31	0.51	0	5.87	0.05	154.21	257.5	184.01
241.34	673.23	149.53	58.76	8.51	0.6	0	6.44	0.05	156.41	266.71	181.97
237.19	676.73	149.53	61.12	7.86	0.58	0	6.55	0.05	158.75	266.23	182.49
221.2	680.83	149.81	58.81	7.9	0.58	0	7.6	0.04	159.15	266.15	187.29
234.92	660.08	150.23	58.86	8.35	0.57	0	6.47	0.04	154.37	279.77	185.34
226.36	637.9	154.31	57.24	8.61	0.54	0	6.77	0.05	149.02	289.73	191.73
240.2	660.42	155.45	61.65	7.92	0.62	0	7.08	0.05	156.97	279.11	199.67
237.85	662.12	155.03	62.6	8.7	0.62	0	6.85	0.06	160.1	296.45	192.49
229.89	654.16	151.61	65.05	6.64	0.65	0	5.5	0.06	156.91	297.59	191.03
223.82	662.33	150.15	69.95	10.49	0.68	0	7.64	0.06	157.95	305.11	194.61
227.38	651.92	144.51	71.14	10.44	0.7	0	6.04	0.07	153.67	280.58	193.85
224.66	654.46	149.03	74.03	12.22	0.71	0	7.17	0.07	152.37	280.94	190.11
215.21	670.27	146.65	75.32	13.34	0.73	0	7.57	0.08	150.36	309.93	197.82
221.03	677.24	149.64	77.03	11.34	0.74	0	6.81	0.1	151.9	287.61	194.83
219.03	675.93	154.62	79.24	10.05	0.86	0	9.27	0.11	155.25	309.5	197.99
220.35	696.62	157.22	82.22	10.44	0.81	0	8.46	0.12	156.56	307.09	206.08
216.94	698.88	158.62	85.87	13.17	0.92	0	6.49	0.12	158.31	297.43	207.87
211.96	715.78	157.85	92.34	15.89	0.9	0	8.98	0.14	163.13	310.77	213.45
215.01	694.45	151.2	95.65	15.87	0.81	0	7.92	0.14	163.58	292.24	215.99
207.79	691.74	157.28	99.86	16.53	0.95	0	7.13	0.16	162.86	328.59	211.2
202.24	699.74	157.23	104.91	18.11	0.91	0	9.08	0.16	167.74	323.5	221.53
201.51	698.56	164.66	108.84	19.19	1	0	8.56	0.18	168.94	316.42	221.65
205.99	707.04	164.24	112.56	19.7	1.05	0	8.86	0.19	171.65	313.59	226.65
201.33	693.8	168.76	114.25	18.84	0.98	0	8.16	0.22	175.07	316.36	233.52
206.02	702.86	174.01	116.79	20.58	1.12	0	7.46	0.23	177.71	353.22	238.49
203.91	704.44	169.24	115.76	22.31	1.02	0	8.28	0.23	177.4	338.25	259.06
199.65	691.31	179.07	118.67	21.37	1.13	0	8.3	0.23	181.06	343.06	240.25

196.72	685.01	176.6	119.87	22.62	1.15	0	10.1	0.26	187.55	338.9	239.36
205.88	684.95	178.93	120.93	22.85	1.12	0	9.02	0.26	189.33	328.92	241.8
208.85	691.24	175.29	127.5	20.07	1.22	0	11.3	0.27	182.68	366.7	237.62
203	699.8	177.76	126.74	19.41	1.22	0	11.39	0.26	184.43	363.11	244.3
200.35	705.56	178.34	127.43	19.29	1.28	0	11.8	0.25	182.27	343.13	238.15
205.85	713.19	174.19	131.74	19.77	1.36	0	12.58	0.27	189.42	360.82	230.39
201.59	705.53	185.65	132.44	17.02	1.37	0	11.57	0.27	188.11	349.46	232.53
203.27	698.4	180.2	138.02	18.5	1.43	0	13.24	0.28	189.71	363.25	228.65
198.81	699.57	167.24	139.89	19.01	1.47	0	11.49	0.28	188.4	339.05	229.63
198.43	690.69	161.51	140.77	19.45	1.54	0	11.18	0.3	183.07	347.04	230.82
199.61	701.28	155.08	140.21	19.58	1.5	0	13.73	0.29	172.07	354.49	233.48
193.23	689.44	146.99	137.64	19.58	1.54	0	15.49	0.29	166.74	321.94	227.2
190.36	695.33	152.33	130.28	19.38	1.49	0	11.17	0.27	162.01	335.43	222.31
184.2	684.08	149.49	135.72	19.76	1.58	0	13.78	0.31	162.6	331.05	221.91
176.01	681.97	150.55	137.03	19.17	1.68	0	14.94	0.31	168.22	322.83	217.77
177.9	693.09	156.61	132.19	19.37	1.66	0	14.34	0.33	169.89	329.03	223.53
176.75	688.32	147.34	133.39	20.42	1.75	0	15.16	0.35	170.46	316.6	221.58
178.9589	674.5205	146	136.3014	30.38356	1.726027	0	10.54795	0.712329	189.0137	330.9315	219.3425
178.8767	679.4247	142.137	145.1507	30.16438	1.726027	0	10.87671	0.684932	189.0685	325.6438	219.3973
179.2877	681.6164	147.6438	147.5068	30.84932	1.726027	0	10.90411	0.630137	188.6849	323.0411	219.9452
181.589	681.6712	147.3699	147.9178	30.08219	1.726027	0	10.93151	0.767123	187.726	310.2466	222.2192
169.41	705.83	278.71	14.78	3.25	0.39	0	3.23	0	138.47	142.37	260.33
171.88	702.65	273.76	15.11	3.89	0.36	0	3.28	0	124.46	142.14	257.41
171.09	707.56	283.87	14.81	3.34	0.45	0	2.47	0	131.8	167.17	253.83
169.61	713.47	283.69	16.27	3.61	0.4	0	3.12	0	130.57	153.53	247.24
169.59	711.75	287.32	16.88	3.76	0.41	0	3.09	0	138.76	151.4	241.68
171.6	699.66	281.11	18.08	3.66	0.42	0	3.26	0	137.13	166.13	243.67
170.41	700.23	276.48	19.42	3.49	0.43	0	3.01	0	138.84	166.67	231.27
169.9	695.64	280.58	21.76	3.99	0.42	0	3.11	0	133.52	165.56	228.09
169.77	701.41	273.08	22.34	3.88	0.43	0	2.97	0	133.22	174.6	230.73
170.16	701.63	277.75	23.38	3.9	0.46	0	2.73	0	135.17	177.42	226.82
173.59	691.31	269.9	23.85	4.55	0.45	0	2.68	0	134.53	175.94	223.48
170.29	695.99	265.64	26.75	4.47	0.46	0	3.1	0	125.44	170.13	217.35
162.84	698.36	267.51	27.23	4.35	0.6	0	3.06	0	138.27	180.77	218.43
168.1	709.54	266.48	26.52	4.07	0.63	0	2.73	0	119.13	186.83	213.66
167.95	740.93	245.2	25.58	4.03	0.49	0	2.63	0	125.39	169.21	219.07
164.01	721.81	237.71	27.86	5.22	0.59	0	3.3	0	127.2	161.89	222.75
163.89	720.73	261.56	28.01	5.3	0.58	0	3.1	0	127.84	212.01	219.92
169.01	716.5	269.52	29.02	4.81	0.59	0	3.02	0	116.55	187.89	218.43
172.49	724.3	274	30.61	4.28	0.73	0	3.39	0	118.41	193.99	216.64
171.27	720.73	272	30.93	5.39	0.55	0	2.99	0	119.46	192.87	213.75
167.01	727.61	269	30.98	5.52	0.57	0	3.18	0	117.74	192.92	212.77
163.27	732.95	275.35	33.17	5.89	0.65	0	3.76	0	125.23	210.42	204.03
163.21	714.17	267.22	33.38	6.55	0.67	0	3.95	0	117.8	195.46	209.17
164.58	730.62	264.84	34.15	6.44	0.71	0	3.72	0	117.63	206.66	210.44
165.49	732.54	273.74	36.8	6.83	0.75	0	3.88	0	112.68	202.85	224.4
165.83	729.74	277.18	40.1	7.56	0.72	0	4.19	0	113.09	207.99	216.78
169.64	719.35	272.54	41.1	7.01	0.72	0	4.26	0	113.17	201.96	222.14
167.76	716.31	276.53	42.8	7.15	0.76	0	4.47	0.06	113.77	221.28	221.58



165	739.42	274.81	40.66	7.06	0.83	0	4.95	0.07	115.02	218.17	220.03
164.78	717.83	269.34	43.32	7.22	0.85	0	4.97	0.07	115.72	220.87	217.07
164.78	701.71	259.81	44.88	7.57	0.86	0	4.88	0.07	114.69	222.51	219.06
164.22	683.81	267.14	50.02	6.83	0.86	0	4.61	0.08	112.07	226.01	233.53
154.8	674.06	277.17	50.07	6.31	1	0	5.35	0.09	106.97	222.58	227.67
153.55	677.81	273.28	53.75	7.14	0.98	0	5.52	0.08	112.79	212.83	224.07
152.77	675.96	277.15	54.53	5.75	1.06	0	5.09	0.09	106.91	199.72	231.11
148.99	708.97	284.76	56.93	6.49	1.09	0	4.88	0.12	110	213.94	233.97
147.46	701.62	287.13	56.93	6.79	1.19	0	4.89	0.1	111.15	220.42	246.07
151.79	692.23	279.16	61.6	10.11	1.23	0	4.83	0.11	108.53	226.1	250.4
147.1	697.12	288.87	62.54	9.7	1.27	0	4.85	0.11	112.4	238.17	255.54
146.1	690.34	299.81	63.54	10.52	1.33	0	5.1	0.15	109.87	226.7	255.45
148.91	709.05	294.32	65.69	11.5	1.33	0	5.79	0.13	114.81	237.84	253.4
153.61	714.24	302.65	66.96	12.64	1.33	0	5.57	0.15	114.06	229.69	265.29
158.87	735.85	290.83	68.12	13.37	1.45	0	5.87	0.15	112.59	247.72	266.36
161.93	719.7	294.01	70.78	13.12	1.48	0	6.89	0.15	114.56	244.22	262.11
161.73	754.21	280.55	72.11	13.76	1.52	0	8.45	0.15	106.86	253.82	263.16
163.91	734.44	267.75	71.78	13.52	1.71	0	9.41	0.15	98.94	248.63	263.48
166.73	735.72	262.62	69.53	14.03	1.73	0	10.34	0.19	106.34	247.31	260.32
159.22	755.09	257.39	69.56	16.13	1.93	0	9.2	0.18	105.23	252.09	264.96
152.52	740.11	257.75	69.52	15.1	1.98	0	7.63	0.19	108.74	249.3	263.99
152.73	738.32	244.07	71.77	16.6	2.04	0	7.43	0.24	103.92	254.24	264.94
152.11	741.61	247.09	73.12	16.64	2.31	0	7.17	0.25	112.26	267.49	259.82
151.23	732.59	247.48	75.04	16.85	2.32	0	8.08	0.22	110.09	257.73	260.1
149.54	734.33	251.64	76.54	15.51	2.37	0	8.54	0.19	115.31	264.62	263.5
138.7671	730.8493	219.863	69.72603	17.72603	2.30137	0	4.273973	0.684932	126.9315	237.3151	260.9315
142.6301	739.7808	211.6986	74.21918	18.05479	2.493151	0	4.575342	0.712329	125.9178	230.1096	263.8904
143.0411	717.5342	210.7945	77.89041	17.69863	2.520548	0	4.739726	0.657534	131.2877	237.5342	265.6986
141.7534	719.8082	221.4795	77.36986	17.83562	2.520548	0	5.068493	0.60274	131.3973	234.7123	265.6164
110.23	714.24	273.14	1.89	4.02	0.43	0	4.62	0	124.5	127.53	231.89
108.36	740.55	273.3	2.02	5.04	0.45	0	4.68	0	127.34	113.51	234.79
105.9	712.97	271.96	1.89	4.41	0.44	0	4.09	0	125.06	137.62	202.6
109.71	712.42	273.6	1.97	4.3	0.44	0	4.46	0	123.43	114.14	219.53
110.03	734.43	279.93	2.46	4.34	0.41	0	3.87	0	133.1	130.29	217.12
113.45	715.34	275.6	2.57	4.56	0.4	0	4.55	0	130.93	139.77	214.92
111.78	722.3	267.82	2.96	4.35	0.42	0	4.9	0	133.38	128.62	209.5
116.29	711.11	253.74	3.54	4.02	0.47	0	4.86	0	136.85	128.98	207.12
112.21	738.3	274.97	3.94	4.28	0.46	0	4.85	0	120.33	141.04	216.38
110.5	764.39	263.09	4.55	4.12	0.42	0	4.93	0	122.44	137.53	200.55
115.2	718.96	260.42	5.21	4.24	0.49	0	5.03	0	121.98	138.76	204.38
120.15	741.59	256.35	5.35	4.26	0.48	0	5.34	0	121.32	128.29	201.2
122.43	762.02	255.52	5.87	4.93	0.46	0	5.22	0	114.11	135.75	207.69
130.91	806.43	257.15	6.62	4.94	0.51	0	5.24	0	94.74	126.98	212.71
131.61	815.67	238.76	5.97	3.21	0.48	0	5.35	0	78.86	126.99	208.48
135.85	800.12	250.64	5.62	5.16	0.55	0	6.46	0	110.32	130.62	214.56
137.18	771.33	254.98	7.08	4.79	0.5	0	6.85	0	112.95	134.13	218.41
135.49	831.77	245.48	7.56	5.26	0.53	0	6.57	0	118.4	149.06	219.8
137.25	888.23	226.91	7.72	4.65	0.52	0	7.08	0	121.43	137.08	230.57
140.49	926.08	215.34	8.45	5.4	0.55	0	6.01	0	115.89	168.84	238.61

134.35	902.71	215.98	8.31	5.27	0.55	0	7.56	0	114.77	151.88	257.83
126.55	929.92	228.99	6.87	5.65	0.53	0	7.87	0	107.55	164.4	206.93
127.79	852.37	233.66	7.36	5.26	0.48	0	7.48	0	106.76	138.67	232.23
128.97	866.84	230.63	7.54	5.26	0.51	0	8.17	0	112.81	159.84	225.72
133.62	908.94	214.22	8.44	5.37	0.58	0	8.36	0	116.09	142.26	226.43
139.97	880.26	219.1	9.8	6.14	0.61	0	8.56	0	113.27	153.5	236.25
141.25	835.87	231.97	10.76	7.12	0.67	0	9.23	0	114.17	154.95	239.29
133.29	744.34	229.32	12.03	5.9	0.75	0	7.38	0.04	102.19	173.22	241.45
128.59	765.35	215.82	13.07	6.61	0.83	0	6.8	0.06	111.42	167.95	245.6
129.81	779.97	212.27	12.97	7.13	0.83	0	8.1	0.06	113.17	156.03	242.5
133.36	766.16	220.04	13.2	7.33	0.95	0	7.37	0.04	115.11	156.86	250.17
135.08	739.73	216.89	14.77	7.74	0.93	0	7.5	0.06	118.5	155.52	246.45
138.7	750.17	211.57	14.68	7.63	1.05	0	8.26	0.07	120.21	159.11	253.06
144.19	763.52	212.31	16.55	8.88	1.03	0	9.57	0.07	121.23	173.81	252.56
145.66	752.33	205.99	18.65	7.48	0.9	0	7.88	0.08	121.27	164.77	249.61
153.4	786.65	207.28	20.36	10.07	1.05	0	8.03	0.09	119.97	171.11	253.16
144.96	777.61	206.6	20.79	10.2	1.13	0	8.07	0.09	125.68	172.11	255.78
148.31	733.51	202.85	20.68	9.98	1.09	0	8.24	0.12	124.93	162.73	266.92
140.42	769.49	199.96	23.95	9.9	1.17	0	8.36	0.1	126.91	175.1	274.97
145.77	750.88	195.79	27.59	10.04	1.12	0	8.66	0.13	125.76	166.39	277.4
148.08	771.71	195.39	27.02	11.8	1.11	0	8.4	0.14	122.58	187.83	278.81
146.73	777.37	193.96	29.3	11.4	1.11	0	7.85	0.18	121.45	187.83	280.99
147.06	759.99	192.72	29.44	11.51	1.09	0	8.56	0.16	117.53	205.73	276.96
150.17	748.59	191.75	32.52	13.26	0.86	0	10.2	0.19	111.73	205.69	269.96
152.95	740.31	190.33	34.06	11.66	0.84	0	10.4	0.16	103.57	203.12	278.71
147.1	736.1	188.26	36.94	11.69	0.85	0	10.28	0.16	100.6	207.51	279.27
144.52	741.01	186.26	40.79	12.14	1.13	0	10.08	0.2	102.78	212.95	280.73
147.15	735.45	183.99	48.27	12.57	1.2	0	10.23	0.2	105.19	223.93	276.07
139.8	746.03	164.33	46.53	12.78	1.01	0	9.88	0.21	103.03	216.25	284.68
139.56	744.08	157.49	46.93	13.01	1.05	0	11.21	0.23	104.75	197	273.68
139.57	737.32	152.06	47.08	12.97	1.03	0	12.59	0.25	110.31	213.41	272.19
140.61	760.06	145.3	51.32	11.94	1.06	0	14.61	0.28	114.33	200.91	267.21
142	744.25	144.86	57.56	11.93	1.12	0	14.12	0.3	120.37	211.71	266.08
133.6164	753.6712	143.6986	51.47945	12.38356	1.068493	0	6.493151	0.821918	122.7397	203.7808	264
140.9041	741.9726	142.0822	51.78082	12.76712	1.068493	0	6.493151	0.821918	120.411	196.7945	252.4932
140.4932	728.7671	144.0274	51.86301	12.57534	1.068493	0	6.657534	0.821918	118.7671	205.2055	244.3288
137.2329	720.4384	141.9178	52.19178	12.76712	1.068493	0	11.72603	0.821918	116	200.5753	236
282.94	636.53	106.58	11.5	12.74	0.46	0	0.69	0	145.13	192.8	256.21
306.12	637.47	118.69	11.51	10.49	0.45	0	0.62	0	142.19	194.64	262.22
305.07	628.66	142.12	11.31	12.68	0.52	0	0.87	0	142.45	196.53	265.42
305.92	626.95	123.37	12.8	12.52	0.5	0	0.83	0.01	142.6	198.88	258.32
291.06	638.76	113.83	15.17	12.77	0.47	0	0.96	0.01	145.47	202.27	247.04
284.81	677.85	134.12	14.5	11.49	0.46	0	2.31	0.01	143.51	198.53	264.5
270.86	634.04	125.65	17.61	11.06	0.48	0	2.58	0.01	140.52	194.39	262.13
277.29	655.44	134.56	19.66	11.59	0.48	0	2.4	0.01	139.44	195.14	253.79
289.76	636.19	154.52	20.54	9.39	0.47	0	2.82	0.01	142.4	209.08	250.96
274.08	638.63	140.36	23	12.85	0.49	0	2.32	0.01	144.32	190.99	243.68
286.51	649.74	138.21	27.41	14.52	0.46	0	2.74	0.02	143.38	201.67	240.7
298.42	653.73	141.05	28.85	10.88	0.48	0	3.14	0.06	145.62	201.2	244.08

287.54	670.44	128.63	28.26	16.19	0.47	0	2.99	0.04	145.09	191.05	223.33
240.08	638.89	108.92	34.03	14.31	0.63	0	3.36	0.51	145.8	196.64	231.46
320.37	643.07	125.18	32.55	14.41	0.44	0	3.76	0.11	138.33	199.43	222.46
338.4	650.1	118.88	34.5	14.54	0.47	0	3.93	0.1	147.01	188.72	226.95
312.29	583.55	124.67	36.39	17.48	0.5	0	3.9	0.08	143.47	197.25	223.75
328.09	545.59	126.46	41.15	15.08	0.55	0	3.79	0.1	145.23	226.78	205.77
275.05	567.5	125.4	44.05	16.44	0.57	0	3.03	0.09	140.61	201.7	213.27
263.46	570.41	131.73	49.19	23.3	0.44	0	3.65	0.16	141.89	205.75	216.76
256.86	582.88	130.7	48.1	22.8	0.47	0	4.05	0.22	138.63	199.07	214.03
267.88	605.28	138.62	45.39	19.92	0.45	0	3.85	0.15	138.52	209.38	220.47
246.07	616.69	128.84	48.5	21.1	0.45	0	4.21	0.14	128.91	213.32	211.84
250.35	620.85	152.85	46.96	18.15	0.43	0	4.62	0.15	133.39	216.85	220.18
255.81	607.61	143.68	53.47	18.16	0.45	0	5.31	0.13	135.19	228.86	212.44
262.06	605.23	137.06	54.01	19.15	0.4	0	5.11	0.14	133.62	225.24	193.9
257.86	590.3	143.17	56.47	23.69	0.44	0	4.36	0.13	129.89	234.05	195.54
251.93	620.42	147.07	57.14	23.86	0.49	0	4.18	0.17	129.58	232.23	201.45
244.97	636.81	141.4	58.21	24.68	0.58	0	5.12	0.27	132.19	246.2	191.98
257.93	614.29	152.95	59.82	26.85	0.46	0	5.72	0.26	132.09	245.86	189.13
251.2	599.44	144.24	59.74	23.34	0.64	0	5.9	0.21	128.92	250.19	195.57
246.32	589.73	148.92	63.59	23.81	0.51	0	6.74	0.28	133.45	233.69	189.37
245.69	592.07	151.95	65.78	25.33	0.54	0	6.15	0.27	122.23	234.61	193.54
239.23	602.24	156.53	67.42	26.69	0.6	0	6.61	0.31	120.63	284.95	202.01
246.15	589.98	148.09	68.06	27.48	0.61	0	7.44	0.33	125.42	281.75	210.38
234.33	594.76	160.67	69.13	29.23	0.56	0	7.49	0.35	121.07	292.43	204.88
221.96	570.98	154.06	77.66	30.04	0.72	0	8.71	0.38	129.89	271.21	204.61
225.45	513.5	161.46	82.06	29.22	0.79	0	8.3	0.35	128.19	266.81	196.71
232.34	508.94	155.13	78.45	30.1	0.66	0	9.22	0.37	120.15	265.24	197.26
223.41	512.65	141.94	82.5	31.47	0.68	0	9.02	0.43	123.72	282.5	188.47
225.35	512.81	150.94	82.77	32.81	0.62	0	10.06	0.38	126.23	301.85	187.6
221.73	532.27	152.55	88.42	34.68	0.76	0	11.36	0.43	126.77	272.97	196.33
234.83	500.65	136.98	91.74	34.68	0.75	0	12.88	0.45	130.24	263.51	196.15
213.84	476.95	142.97	91.41	34.87	0.81	0	13.21	0.49	129.46	293.65	182.32
226.27	513.16	141.43	97.51	34.64	0.84	0	14.72	0.48	130.34	280.42	179.76
215.88	550.47	140.99	97.71	34.52	0.85	0	16.14	0.49	128.74	292.22	183.64
239.07	532.42	144.2	100.95	34.45	1.06	0	17.53	0.53	130.86	288.41	187.1
220.88	538.72	162.7	96.91	38.15	1.16	0	16.69	0.55	131.27	294.17	197.44
213.59	523.93	137.84	97.52	37.99	1.38	0	17.29	0.6	127.86	287.56	205.26
203.52	566.26	142.6	102.53	38.84	1.45	0	18.29	0.61	126.58	280.53	200.38
221.57	551.08	135.67	115.55	35.19	1.31	0	16.68	0.54	128.05	275.33	201.63
200.69	553.57	146.94	117.23	35.13	1.35	0	18.34	0.65	126.18	289.25	192.68
199.83	572.86	141.78	116.9	36.76	1.28	0	18.53	0.66	127.26	293.31	193.9
207.2329	538.3014	128.2192	118.1096	46.16438	1.780822	0	11.45205	2.465753	137.5616	254.9863	208.8767
215.589	528.274	127.1233	119.1507	46.46575	1.835616	0	9.890411	2.657534	135.9726	263.5068	200.4384
212.137	502.9863	122.3014	119.7808	49.9726	2.109589	0	11.39726	2.90411	136.0274	267.4795	206.3562
204.6849	524.4932	123.3425	120.4384	51.17808	1.808219	0	13.28767	1.972603	134.5753	260.5753	210.9863
59.01	264.71	48.07	41.82	126.21	3.44	0	0.6	2.87	67.38	328.02	182.86
63.04	287.48	19.91	44.48	102.36	3.4	0	1.35	1.94	68.82	335.36	166.38
60.57	297.23	16.79	47.65	90.78	2.95	0	1.25	1.83	70.02	318.58	210.87
62.94	287.09	16.17	51.26	89.53	3.94	0	0.63	2.61	67.2	352.5	177.02

58.67	282.1	17.27	51.84	92.09	4.12	0	0.55	2.86	66.82	340.26	199.93
60.14	295.19	15.14	55.17	98.61	3.88	0	0.61	3.89	65.8	325.39	168.98
63.47	271.31	13.3	56.33	104.38	2.98	0	1.05	5.19	72.68	322.23	170.93
66.52	288.81	16.61	53.28	106.1	3.11	0	0.92	16.23	73.14	310.98	151.96
66.79	322.04	29.27	58.67	127.83	3.41	0	0.62	18.92	69.26	343.05	164.09
66.84	441.12	41.73	59.93	127.39	3.74	0	1.16	18.67	58.26	349.3	167.07
62.48	329.55	42.22	36.84	135.71	4.06	0	0.45	16.97	74.32	408.17	153.55
71.44	355.74	59.67	69.08	135.85	4.83	0	1.58	13.39	76.65	385.52	135.35
80.02	272.23	64.1	85.46	139.17	6.84	0	3.92	7.25	78.03	383.1	131.64
73.32	356.67	60.52	77.5	125.89	5.05	0	3.21	8.03	77.66	341.3	134.44
73.91	280.67	73.24	63.35	137.71	6.52	0	3.81	7.11	86.44	351.52	133.53
76.27	308.06	58	57.64	137.27	6.28	0	2.8	5.91	93.56	278.65	140.49
83.49	316.34	53.33	58.18	141.34	5.66	0	1.77	3.28	87.53	285.23	141.33
87.02	328.17	55.92	68.19	143.36	8.6	0	3.65	2.38	93.4	300.31	151.21
96.92	384.46	69.41	76.75	141.19	10.11	0	5.39	2.39	96.44	341.06	146.35
93.6	374.03	71.66	83.61	142.12	8.43	0	9.14	0.74	96.58	352.3	145.78
94.27	403.08	61.96	81.16	139.08	7.6	0	2.78	1.44	95.26	418.32	157.77
90.51	398.13	57.97	80.62	145.31	8.6	0	2.52	1.2	96.31	325.22	170.29
93.14	416.38	76.54	87	143.79	9.33	0	4.28	0.65	96.3	313.84	167.16
92.53	418.89	73.37	86.33	154.94	9.21	0	5.71	0.59	98.77	286.41	175.6
77.47945	308.9589	61.0411	66.27397	146.2466	8.328767	0	2.356164	0.739726	106.3288	293.2603	196.4932
67.56164	329.4795	62.35616	61.69863	157.2603	8.328767	0	2.219178	0.136986	102.3836	286.8493	197.9726
67.0411	310.3288	62.24658	57.61644	127.589	8.273973	0	2.164384	0.356164	104.5753	290.5479	205.7808
66.82192	296.6027	65.36986	59.26027	129.4795	8.054795	0	2.493151	0.082192	101.0411	424.5479	210.8219
24.05	308.29	5.1	0.58	46.91	0.32	0	1.23	0.03	126.26	60.58	246.58
24.19	307.15	5.85	0.6	46.37	0.33	0	1.26	0.03	157.71	62.33	251.59
24.12	307.72	5.08	0.61	36.71	0.28	0	1.28	0.03	169.64	57.55	250.79
24.15	310.13	5.65	0.62	49.52	0.3	0	1.27	0.03	156.68	61.71	284.72
24.07	308.27	7.33	0.63	49.67	0.21	0	1.23	0.03	182.98	58.85	309.12
24.09	300.38	6.14	0.64	38.71	0.11	0	1.25	0.03	158.5	64	295.23
24.11	299.51	6.56	0.67	46.95	0.29	0	1.57	0.03	146.37	68.3	271.52
24	299.93	7.26	0.67	74.86	0.21	0	1.23	0.04	116.9	94.99	245.25
23.94	301.92	9.03	0.67	86.75	0.27	0	1.24	0.04	147.26	81.54	323.45
23.98	301.52	6.6	0.65	79.69	0.3	0	1.25	0.04	168.08	79.78	330.25
24.07	299.81	8.21	0.65	82.21	0.47	0	1.28	0.04	160.16	82.74	311.27
24.3	295.8	8.89	0.64	84.63	0.45	0	1.33	0.04	123.32	88.03	336
24.94	292.63	8.12	0.7	59.37	0.48	0	1.42	0.05	122.32	88.9	354.22
25.28	290.29	7.77	0.81	59.9	0.84	0	1.82	0.04	131.73	90.18	347.55
25.43	286.29	9.37	0.92	74.2	1.01	0	1.55	0.03	110.9	89.59	317.69
25.78	286.83	10.15	1.01	64.42	0.3	0	1.58	0.02	130.34	79.41	330.31
26.14	284.76	9.22	1.14	67.23	0.51	0	1.58	0.02	184.54	70.8	308.56
26.36	287.24	8.05	1.25	62.49	0.81	0	1.62	0.05	144.83	71.41	346.49
26.72	277.86	10.27	1.43	60.09	0.84	0	1.79	0.06	135.17	77.6	328.58
26.77	280.36	11.14	1.6	61.72	1.26	0	1.72	0.05	129.73	70.53	311.84
27.01	273.5	10.16	1.78	58.88	1.33	0	1.62	0.05	151.49	72.21	301.28
27.17	270.22	12.09	1.85	63.89	1.05	0	1.96	0.05	164.14	73.7	307.65
27.34	272.24	12.71	2.34	59.11	1.05	0	1.89	0.04	141.82	74.79	311.63
27.98	271.98	12.03	2.58	55.67	0.93	0	1.71	0.05	172.77	79.16	316.81
28.68	278.81	12.34	3	52	0.99	0	1.71	0.05	138.6	76.12	314.23

30.34	292.86	13.95	3.57	40.11	0.68	0	1.73	0.08	150.56	77.71	311.08
31.1	298.12	12.86	3.68	50.45	0.94	0	1.78	0.1	162.33	86.27	305.24
31.85	306.87	11.65	4.12	54.62	0.78	0	1.85	0.04	147.27	87.28	287.7
32.73	312.1	12.79	4.46	45.8	1.01	0	1.78	0.03	162.51	91.83	346.06
33.72	317.33	16.13	3.96	38.66	0.85	0	1.77	0.02	149.8	89.86	350.77
34.62	324.22	14.31	3.72	41.6	0.86	0	1.75	0.02	152.17	89.88	314.09
35.73	332.31	16.32	4.04	33.04	1.01	0	1.97	0.03	168.74	91.12	343.46
36.89	338.94	17.22	6.13	39.69	1.13	0	2.01	0.05	152.04	94.83	351.99
38.13	347.49	19.34	6.67	48.72	1.23	0	2.1	0.02	149.45	96.18	364.17
39.36	357.21	19.69	6.76	38.88	1.15	0	2.11	0.43	159.37	101.81	340.79
29.87	422.79	18.47	7.58	37.14	0.96	0	2.16	0.06	195.77	106.1	337.87
31.5	421.51	15.85	8.03	39.25	1.01	0	2.16	0.21	178.96	105.65	356.04
31.41	422.71	21.83	5.77	31.81	1.03	0	2.16	0.05	186.86	102.82	352.37
31.39	423.83	27.55	6.13	41.16	1.11	0	2.14	0.08	227.55	101.74	350.64
31.34	424.53	28.64	6.32	38.06	0.96	0	1.97	0.12	226.42	103.67	343.5
31.49	426.34	25.23	6.42	41.19	1.02	0	2.26	0.8	171.33	95.84	315.58
31.69	430.18	25.38	6.59	36.44	0.89	0	2.02	0.9	158.43	93.66	306.98
31.85	435.22	28.46	6.78	45.08	1.23	0	1.75	0.42	161.61	91.6	305.96
32.09	439.11	27.99	6.77	42.66	1.87	0	1.18	0.18	167.65	92.74	309.05
32.3	444.01	29.48	6.75	31.95	1.77	0	1.57	0.76	196.71	96.95	304.93
34.34	463.72	21.91	8.81	26.14	2.03	0	2.01	0.24	178.88	100.88	321.48
34.73	470.27	34.39	9.35	34.15	2.02	0	1.91	0	179.16	98.8	298.38
34.96	474.7	32.96	9.94	35.75	2.28	0	2.21	0	158.71	102.76	306.66
35.19	482.3	37.32	10.58	43.04	2.33	0	2.2	0	125.38	100.96	312.28
35.49	489.64	38.66	11.27	36.94	2.34	0	2.09	0	134.39	90.08	311.42
35.7	499.75	39.36	11.98	34.01	2.04	0	1.97	0	135.16	88.7	311.79
36.06	506.74	39.63	12.82	34.59	2.31	0	2.01	0.01	136.77	87.42	313.07
36.45	512.44	42.01	13.71	33.57	1.98	0	2.09	0.01	126.78	83.11	311.31
34.0274	489.6438	37.26027	13.23288	46.27397	2.465753	0	2.410959	0.109589	119.2877	71.45205	297.2877
34.16438	495.5342	39.61644	14.10959	48.0274	2.739726	0	2.246575	5.342466	119.8356	68.65753	285.863
34.60274	500.9589	40	15.06849	47.80822	2.465753	0	2.657534	4.356164	118.3836	70.30137	285.4521
35.20548	505.726	40.27397	16.05479	46.84932	2.356164	0	2.191781	6.60274	114.8219	67.75342	287.1233
68.98	152.18	15.49	9.92	153.63	0.19	0	0.27	0	79.44	79.28	87.95
72.58	151.19	15.63	8.94	147.11	0.2	0	0.25	0.01	67.38	72.17	78.72
73.89	159.25	16.01	8.67	155.77	0.21	0	0.26	0.01	83.09	78.93	84.73
72.04	163.89	16.9	9.07	162.6	0.19	0	0.28	0.01	82.39	81.6	82.74
74.68	172.76	17.3	10.06	150.44	0.19	0	0.27	0	94.66	79.51	77.23
77.33	170.47	15.71	10.37	165.08	0.19	0	0.37	0	74.86	73.27	88.84
76.87	177.73	12.44	9.45	179.77	0.22	0	0.37	0	77.63	81.74	74.86
77.57	177.24	14.97	10.07	153.77	0.21	0	0.29	0	83.02	99.95	96.15
82.02	185.59	16.39	11.9	187.94	0.24	0	0.22	0	78.98	97.21	84.76
83.09	184.46	11.08	12.38	174.78	0.25	0	0.32	0	80.79	69.59	79.44
89.27	186.82	21.97	15.01	166.56	0.29	0	0.23	0.02	88.18	84.5	100.74
89.02	180.29	18.94	14.07	128.65	0.26	0	0.24	0	94.65	78.57	84.53
88.29	173.08	19.61	13.54	137.6	0.29	0	0.29	0	99.51	85.24	86.35
91.4	178.47	21.91	14.36	188.28	0.22	0	0.34	0	93.33	87.33	57.19
95.62	176.3	10.89	13.31	200.63	0.26	0	0.19	0.12	80.27	80.37	85.9
98.24	181.66	17.26	16.58	116.32	0.35	0	0.27	0	83.5	63.3	76.66
98.49	177.08	14.03	14.94	161.88	0.26	0	0.3	0	92.98	68.7	102.47

89.58	176.84	11.43	16.71	120.44	0.31	0	0.45	0	96.61	75.54	84.17
87.69	171.95	14.67	17.4	119.78	0.32	0	0.4	0	94.83	78.55	68.73
92.22	228.07	18.35	26.42	123.24	0.41	0	0.4	0	102.09	66.4	67.92
97.37	157.62	24.43	29.4	147.87	0.39	0	0.3	0	108.35	79.26	86.3
102.68	177.08	18.99	26.59	119.57	0.4	0	0.34	0	106.75	65.89	81.45
108.15	178.59	16.78	28.45	148.9	0.35	0	0.34	0.02	102.07	78.59	71.07
103.38	187.08	20.32	30.81	142.4	0.6	0	0.34	0.01	103.81	84.86	83.87
104.2	172.13	19.61	29.49	153.36	0.41	0	0.12	0	104.05	86.28	87.08
104.34	178.4	19.63	30.28	174.6	0.48	0	0.19	0	100.42	81.04	85.54
97.99	171.44	17.76	33.32	93.38	0.31	0	0.1	0	98.29	84.84	92.79
88.08	141.78	14.36	25.62	143.13	0.21	0	0.06	3.93	98.1	61.63	53.7
89.43	157.76	15.22	26.93	120.87	0.39	0	0.11	4.34	92.34	72.87	88.91
98.44	150.91	10.85	27.7	123.86	0.33	0	0.31	4.13	86.64	57.48	90.49
92.51	164.85	15.53	39.17	109.01	0.33	0	0.13	1.43	95.36	75.65	90.4
93.24	180.28	13.82	35.91	135.7	0.35	0	0.16	1.69	84.67	75.38	94.01
90.39	168.62	14.84	44.6	138.35	0.31	0	0.15	0.15	92.09	75.45	101.86
94.25	174.39	13.58	41.72	134.85	0.42	0	0.19	0.16	97.89	76.64	104.43
89.8	159.05	17.61	57.84	122.06	0.7	0	0.17	0.14	77.15	81.13	87.84
94.14	173.42	16.34	51.49	114.18	0.47	0	0.56	0.21	79.1	80.31	93.52
97.75	176.21	16.58	60.03	83.1	0.42	0	0.54	0.21	82.92	79.66	98.15
102.31	165.15	24.07	74.42	135.48	0.54	0	0.72	0.21	87.93	77.99	109.29
102.58	182.03	20.31	67.07	104.62	0.62	0	1	0.31	80.09	79.9	96.75
97.83	175.56	20.8	73.29	91.71	0.62	0	1.27	0.35	74.62	75.29	109.26
88.73	169.69	28.42	78.04	156.53	0.53	0	0.79	0.28	70.73	71.66	90.32
84.33	173.02	29.58	77.5	170.8	0.59	0	0.76	0.32	78.03	75.79	90.91
80.84	179.91	28.79	73.37	169.76	0.54	0	0.9	0.31	77.8	81.7	110.81
80.33	161.43	31.51	72.71	149.12	0.43	0	1.13	0.31	78.1	77.4	96.92
79.26	177.38	32.35	78.04	162.71	0.56	0	1.23	0.36	78.22	78.83	108.66
82.55	171.12	30.27	79.08	161.19	0.57	0	1.44	2.58	79.83	78.21	103.28
89.09	177.19	32.18	79.37	166.51	0.46	0	1.37	4.45	83.34	83.68	95
94.74	191.57	30.21	79	164.62	0.48	0	1.56	2.28	81.91	83.41	99.74
97.55	181.1	34.2	78.53	168.29	0.49	0	1.51	2.97	81.79	85.71	96.37
100.55	177.6	33.19	78.92	169.16	0.4	0	1.83	5.51	84.76	82.92	101.17
108.45	179.32	34.82	80.5	172.36	0.55	0	2.06	4.16	87.87	80.49	102.98
111.53	188.14	37.78	84.57	182.05	0.67	0	2.2	1.33	91.3	82.93	111.84
107.34	194.22	38.31	84.41	181.98	0.56	0	2.14	9.68	95.33	82.5	106.73
103.6438	205.2329	30.38356	87.61644	302.3014	0.465753	0	1.068493	5.808219	149.0685	74.13699	70.73973
101.1233	198.8767	30.65753	89.12329	313.6986	0.438356	0	1.260274	5.863014	152.9041	76.41096	77.17808
99.72603	182.8493	30.84932	90.87671	327.4521	0.465753	0	1.178082	5.753425	148.3014	72.19178	93.9726
95.72603	195.5068	30.30137	92.65753	334.9863	0.520548	0	1.643836	5.972603	151.2055	70.54795	82.35616
208.33	143.11	9.41	8.05	16.22	0	0	0	0	38.14	167.72	121.35
195.32	119.07	5.73	8.03	14.15	0	0	0	0	41.93	171.33	124.73
171.56	137.36	8.45	8.02	13.06	0	0	0	0	43.09	170.82	127.95
182.62	109.01	9.95	8.01	15.99	0	0	0	0	50.1	170.23	107.21
183.56	109.6	9.74	8.62	17	0	0	0	0	54.07	167.24	101.57
195.14	106.65	11.3	8.17	7.51	0.02	0	0	0	58.84	165.56	104.32
185.12	106.02	9.68	8.34	13.32	0.01	0	0	0	43.66	164.71	102.03
193.03	106.04	9.6	8.05	14.83	0.02	0	0	0	48.15	162.58	104.48
183.78	108.3	11.04	7.72	18.51	0.02	0	0.01	0	49.98	163.13	103.01

186.87	103.56	3.24	7.64	29.31	0	0	0	0	55.19	157.63	101.69
182.21	101.82	1.83	7.99	30.37	0	0	0	0	52.48	163.21	89.29
173.92	104.71	4.02	8.16	24.86	0	0	0	0	55.46	159.21	82.84
151.71	107.09	2.31	10.26	25.79	0	0	0	0	57.72	163.31	67.93
165.48	107.09	3.57	10.36	29.43	0	0	0	0	56.72	166.14	67
144.14	115.87	2.89	10.33	33.47	0	0	0	0	50.12	173.34	48.53
157.61	116.34	2.51	10.36	32.15	0	0	0	0	57.22	184.75	62.83
173.95	122.61	3.8	10.76	38.58	0	0	0	0	58.8	167.06	71.7
166.4	130.35	5.52	11.41	32.53	0	0	0.01	0	59.81	173.48	99.22
179.9	138.13	6.01	12.01	30.9	0	0	0	0	58.14	168.17	94.93
183.15	138.1	2.83	12.57	21.44	0.01	0	0.02	0	59.23	162.8	91.58
184.25	138.05	1.77	12.67	22.46	0.02	0	0.02	0	60.79	147.73	113.85
181.02	133.36	2.99	12.57	31.32	0.01	0	0.02	0	62.11	169.67	103.54
174.96	138.85	1.92	12.37	35.05	0.01	0	1.6	0	62.73	181.23	112.77
177.44	141.29	0.8	12.4	37.38	0.03	0	1.54	0	61.03	181.45	92.17
178.76	139.86	0.89	12.42	44.72	0	0	2.22	0	64.26	184.4	102.05
149.13	132.6	0.74	15.33	27.35	0.01	0	1.73	0	80.04	177.55	104.38
152.78	136.37	0.41	15.75	45.75	0	0	3.23	0	62.85	165.62	108.73
172.01	131.97	0.55	16.11	34.26	0	0	2.82	0	66.17	160.42	98.17
160.27	133.64	1.25	16.23	35.18	0.01	0	3.06	0	64.9	162.25	108.28
152.93	151.65	1.16	15.94	33.06	0	0	2.96	0	60.14	144.2	86.55
209.82	152.48	0.57	11.69	33.83	0.01	0	2.16	0.02	60.69	146.43	61.4
224.39	171.73	0.81	12.36	31.72	0.01	0	2.14	0.01	62.33	142.23	54.23
213.99	175.66	0.78	13.22	34.99	0.09	0	1.26	0	66.28	140.83	49.41
210.6	199.23	1.93	18.02	37.01	0.19	0	2.94	0	69.11	142.24	57.83
215.36	225.82	0.97	19.28	41.44	0.23	0	2.16	0.01	69.61	139.26	52.2
200.99	244.44	1.68	19.23	41.02	0.29	0	2.85	0	68.59	133.44	51.34
208.54	254.25	2.4	19.99	42.31	0.27	0	3.22	0	66.92	136.75	53.56
202.94	242.97	2	20.31	45.5	0.17	0	3.18	0.01	66.84	147.48	52.08
203.61	232.94	1.11	21.94	27.14	0.21	0	8.34	0	73.27	155.47	50.03
191.71	172.55	5.72	17.87	31.68	0.11	0	5.6	0	67.9	173.97	58.93
176.55	173.53	2.62	19.15	26.81	0.14	0	8.16	0.01	67.48	157.93	65.9
199.1	188.53	4.53	18.79	26.54	0.09	0	8.39	0.01	68.07	161.6	66.46
167.84	190.28	1.16	18.8	26.99	0.09	0	8.52	0	71.18	143.79	67.51
136.74	176.53	7.24	20.28	27.23	0.13	0	8.85	0.01	68.59	163.68	68.84
122.59	175.2	5.97	19.98	17.05	0.07	0	6.43	0.01	69.66	180.05	72.55
128.5	178.41	5.1	21.22	16.17	0.22	0	6.59	0.01	69.48	169.44	74.75
114.96	181.06	6.11	13.91	13.16	0.15	0	6.84	0.01	68.58	162.81	80.89
108.22	187.84	7.47	16.64	11.61	0.24	0	7.34	0.01	70.04	128.23	83.89
105.75	197.19	7.97	15.97	9.21	0.28	0	7.22	0	70.57	141.32	83.33
113.39	206.93	7.56	15.28	13.33	0.3	0	7.12	0.01	70.66	152.15	84.81
132.67	213.71	8.39	16.94	14.99	0.31	0	6.86	0.01	71.55	126.54	86.36
138.86	211.84	8.31	17.17	15.28	0.29	0	7.29	0.01	70.7	122.66	86.12
140.98	207.78	7.93	17.5	13.45	0.28	0	7.21	0.01	69.56	119.24	86.34
136.9589	208.5479	7.972603	19.42466	24.10959	0.30137	0	4.109589	0.027397	85.89041	125.3425	82.21918
128.7671	202.0822	8.054795	19.58904	24.27397	0.328767	0	5.616438	0.027397	83.20548	126.6849	81.53425
137.2877	197.8904	8.136986	17.45205	20.90411	0.328767	0	3.726027	0.027397	87.26027	133.1781	74.49315
148.8219	195.0411	8.191781	16.41096	19.36986	0.30137	0	4.684932	0.027397	88.21918	135.9452	80.65753
62.09	136.35	219.13	5.77	54.84	0.25	0	0.43	0.24	78.08	131.45	148.16

61.85	142.96	210.26	5.82	61.43	0.22	0	0.36	0.23	79.85	132.56	140.21
61.21	148.13	190.3	6.02	40.64	0.28	0	0.45	0.23	82.69	135.74	124.5
64.91	160.92	255.03	6.72	62.63	0.23	0	0.47	0.23	81.24	140.33	121.9
55.65	204.93	258.33	9.19	61.27	0.2	0	0.3	0.75	88.16	139.83	110.21
55.88	215.1	224.77	9.09	52.98	0.25	0	0.28	0.45	83.29	159.81	111.7
53.9	204.91	271.82	9.82	48.45	0.24	0	0.16	0.21	81.66	169.97	107.53
52.93	202.97	212.76	10.02	49.64	0.22	0	0.14	0.06	79.96	134.64	133.62
54.18	195.6	262.11	10.73	85.37	0.17	0	0.17	0.03	80.47	144.1	140.74
53.67	207.89	279.86	11.74	72.77	0.2	0	0.26	0.07	87.33	171.67	104.75
52.64	216.72	279.64	12.59	68.49	0.12	0	0.3	0.04	90.14	160.61	135.85
48.48	204.59	200.59	14.74	56.22	0.26	0	0.23	0.06	96.64	154.84	159.01
47.09	203.61	195.34	15.87	49.41	0.2	0	0.26	0.08	97.06	143.06	141.82
45.85	196.28	199.61	19.22	53.53	0.27	0	0.23	0.19	100.54	148.66	145.55
44.04	194.84	176.09	23	71.49	0.17	0	0.18	0.22	102.77	143.96	166.12
43.53	193.04	177.19	24.12	63.43	0.1	0	0.17	0.25	109.47	138.2	147.65
42.35	189.65	166.44	23.96	65	0.25	0	0.16	0.26	98.24	134.88	148.67
40.36	178.15	176.65	19.29	54.56	0.05	0	0.12	0.33	96.04	124.64	128.13
38.45	171.94	190.34	18.8	85.17	0.07	0	0.11	0.32	93.86	121.31	154.16
31.26	171.19	152.09	13.34	79.89	0.14	0	0.38	1.64	75.41	96.25	143.73
33.18	170	184.11	16.56	72.06	0.09	0	0.43	1.7	98.89	104	155.08
35.35	170.94	171.84	18.12	87.54	0.18	0	0.47	1.28	66.2	112.46	152.58
36.08	152.62	121.19	17.83	95.93	0.27	0	0.4	1.69	90.09	96.94	151.39
33.25	152.44	129.17	15.33	64.5	0.33	0	0.42	0.25	72.06	104.7	153.49
31.49	149.35	133.74	16.68	76.62	0.25	0	0.4	1.59	88.12	100.31	131.32
36.78	184.09	141.95	19.55	79.71	0.39	0	0.38	2.62	93.21	105.45	160.48
38.33	176.38	147.77	22.48	85.2	0.31	0	0.38	2.55	95.89	108.3	155.91
35.71	163.21	183.28	22.9	79.21	0.21	0	0.38	1.71	98.61	106.07	140.9
32.25	132.69	141.73	15.52	115.41	0.07	0	0.7	0.34	82.26	103.69	130.12
32.88	117.71	89.6	18.43	111.85	0.15	0	0.71	0.32	69.98	100.86	116.14
31.37	121.14	114.74	21.46	106.88	0.23	0	0.64	0.08	73.71	102.99	116.42
30.56	121.32	66.71	22.98	113.93	0.17	0	0.54	0.07	67.7	99.83	157.01
30.17	127.73	106.47	21.42	114.78	0.24	0	0.56	0.45	58.11	118.6	154.41
33.62	140.28	130.54	24.53	115.03	0.35	0	0.51	0.28	49.59	113.39	162.24
34.28	139.39	177.79	27.87	96.77	0.37	0	0.6	0.29	39.99	128.9	153.35
34.97	144.32	168.15	27.74	109.47	0.34	0	0.54	1.39	43.23	122.56	161.91
35.9	146.52	172.73	29.12	109.2	0.32	0	0.55	2.8	42.43	132.14	154.49
34.57	148.65	185.65	20.88	106.52	0.4	0	0.45	2.55	51.05	132.5	150.18
36.49	142.56	220.72	21.77	113.14	0.39	0	0.65	1.38	48.95	151.25	136.87
36.11	138.59	221.28	22.16	114.85	0.31	0	0.75	2.92	47.28	165.38	146.93
35.97	135.25	166.48	22	119.27	0.33	0	0.41	2.92	52.07	161.12	153.6
36.26	138.76	213.8	23.39	116.06	0.32	0	0.44	3.09	55.76	155.13	144.19
36.79	129.75	200.29	23.94	117.21	1.48	0	0.41	3.05	57.25	157.01	136.99
37.79	131.92	185.26	23.49	124.99	1.46	0	0.44	1.91	56.6	153.58	142.62
38.79	134.1	206.58	26.11	131.36	1.08	0	0.43	2.11	61.91	150.86	147.65
39.61	150.4	200.09	28.18	136.41	1.1	0	0.44	3.49	58.63	171.01	145.94
40.29	143.42	204.31	30.29	122.25	1.28	0	0.51	3.6	58.53	177.53	148.7
40.4	149.61	206.89	30.33	133.71	1.22	0	0.62	3.84	62.55	205.63	141.81
40.24	154.26	215.62	30.61	133.6	0.97	0	0.59	4.27	62	204.31	144.98
41.2	164.85	213.48	31.64	127.9	1.1	0	0.69	4.33	62	209.76	156.35



41.54	164.68	222.14	31.55	121.87	0.46	0	0.68	4.38	63.32	208.53	148.79
43.25	185.64	221.5	31.87	134.17	0.69	0	0.9	4.41	64.06	218.25	151.49
44.49	170.8	226.02	32.11	134.03	0.71	0	0.87	4.35	62.93	213.57	153.75
41.12329	149.2603	228.0274	36.08219	206.137	0.630137	0	0.767123	4.575342	65.42466	209.6986	155.4795
40.79452	153.726	228.1096	34.76712	209.2055	0.684932	0	9.123288	4.520548	66	206.5479	164.0548
40.0274	153.6438	227.6712	35.56164	209.8082	0.493151	0	6.191781	3.863014	65.26027	192.0274	157.9178
43.78082	155.7808	226.2466	36.90411	209.4247	0.630137	0	1.013699	4.054795	66.13699	196.8219	162.9863
30.04	36.14	0.75	6.26	248.6	0	0	1.25	0.04	45.7	188.99	35.76
33.84	36.09	0.74	6.08	235.75	0.4	0	0.87	0.02	45.68	184.05	34.18
34.02	34.36	1.13	6.62	237.3	0.4	0	0.72	0.16	52.85	187	41.55
33.83	42.18	1.33	6.86	246.15	0.38	0	0.62	0.09	52.95	184.14	38.39
36.89	41.89	1.14	7.26	252.9	0.38	0	0.6	0.19	57.41	187.68	44.81
39.57	42.1	1.18	7.79	238.55	0.36	0	0.51	0.2	57.14	185.91	44.25
39.32	42.38	1.15	7.5	236.01	0.37	0	0.57	0.04	62.98	184.4	46.95
39.83	52.19	0.72	10	226.5	0.36	0	0.59	0.03	64.83	185.93	49.99
40.53	57.41	1.16	8.76	227.04	0.36	0	0.54	0.01	63.44	185.44	46.24
37.78	47.22	1.24	7.35	230.72	0.37	0	0.66	0.02	59.51	193.17	39.57
37.24	45.32	1.31	7.8	240.18	0.37	0	0.56	0.02	63.01	190.54	45.38
33.37	47.73	1.47	8.13	248.9	0.79	0	0.59	0.02	63.81	192.21	54.87
37.84	40.17	1.24	8.48	249.44	0.92	0	0.47	0.04	67.31	192.05	37.26
44.57	47.56	1.42	8.6	257.15	1.24	0	0.44	0.03	78.08	192.76	35.16
33.83	36.15	1.1	9.04	263.92	1.65	0	0.47	0.12	71.9	193.31	35.83
31.7	51.09	0.96	8.74	261.73	2.09	0	0.65	0.12	70.05	190.79	46.49
29.16	58.16	0.92	8.45	254.54	2.14	0	0.69	0.13	74.76	197.8	41.96
31.62	47.87	0.93	8.18	241.57	2.02	0	0.55	0.09	79.23	200.51	41.88
33.98	63.4	1.59	12.2	247.25	2.13	0	0.49	0.11	80.25	203.79	43.34
35.21	55.35	1.85	13.07	265.12	2.48	0	0.39	0.12	80.03	195.97	46.03
35.32	42.32	1.79	14.39	265.68	2.36	0	0.34	0.05	73.71	193.36	45.7
30.04	55.35	1.91	16.28	268.47	2.33	0	0.34	0.23	69.35	196.98	51.49
32.4	46.9	1.89	15.1	234.77	2.29	0	0.27	0.2	72.84	184.7	43.17
37.56	29.9	1.66	9.6	266.86	2.1	0	0.21	0.03	76.17	182.18	40.14
27.82	38.28	1.93	9.63	267.59	2.11	0	0.28	0.15	74.29	181.97	35.24
30.96	40.34	2.12	9.78	265.06	1.68	0	0.29	0.05	64.19	184.41	53.16
33.08	53.34	2.58	10.02	256.39	1.19	0	0.31	0.06	75.98	184.98	35.15
36.09	47.01	2.25	9.57	254.47	1.22	0	0.31	0.13	64.92	185.02	54.66
39.89	46.39	2.24	10.04	263.5	1.22	0	0.3	0.13	77.07	187.62	53.1
41.89	56.71	3.23	10.74	256.85	1.12	0	4.39	0.11	79.31	190.02	55.36
47.11	49	6.31	12.44	231.89	1.14	0	4.25	0.26	76.42	190.72	79.89
46.49	48.64	6.3	13.01	240.91	1.11	0	4.23	0.21	78.78	189.25	79.94
47.55	46.52	5.76	15.08	243.51	1.06	0	4.06	0.24	81.64	186.92	75.54
49.36	55.24	6.42	15.44	243.91	1.02	0	5.14	0.53	84.48	186.04	89.28
51.17	59.76	4.17	16.64	254.17	1.09	0	6.19	0.34	80.43	176.35	84.72
54.29	51.82	4.59	18.47	271.38	1.19	0	2.54	0.5	90.81	193.67	75.34
57.02	57.34	4.9	19.67	266.85	1.04	0	6.7	0.41	82.33	172.23	81.27
57.44	47.31	4.1	19.1	252.76	0.88	0	6.42	0.52	78.72	173.83	103.14
61.5	49.09	3.48	19.86	274.17	0.96	0	4.22	0.9	80.16	175.69	74.1
62.66	60.81	4.54	20.37	284.21	1	0	4.18	0.81	82.34	173.64	72.17
62.75	51.71	4.3	21.67	285.24	1.07	0	4.1	1.05	76.91	174.49	83.98
64.66	47.47	4.03	22.66	296.7	1	0	4.01	0.87	78.13	175.84	68.25

65.48	51.53	4.59	22.77	293.77	0.98	0	3.84	0.93	80.26	177.38	68.84
64.27	52.68	4.75	23.06	318.63	0.94	0	4	0.89	80.07	165.11	62.28
63.43	35.97	4.64	22.3	330.26	0.87	0	3.96	0.44	74.16	164.47	56.64
67.7	39.83	4.78	22.55	330.98	1.05	0	3.83	0.31	71.65	164.66	57.31
70.65	37.07	6.63	25.18	352.26	1.1	0	3.78	0.48	71.92	182.9	41.01
70.73	31.33	6.64	26.94	358.8	1.07	0	3.75	0.09	74.54	182.8	32.15
69.74	35.01	7.08	27.35	337.27	1.04	0	3.72	0.06	66.34	174.43	50.12
71.78	40.75	6.79	29.17	317.68	1.01	0	4.53	0.28	66.09	184.53	65.12
70.25	40.53	6.54	30.52	325.42	1.01	0	4.21	0.1	67.7	178.29	57.97
69.02	42.34	6.87	31.85	331.17	0.98	0	4.27	0.15	68.38	178.81	54
69.49	43.41	6.14	32.62	327.24	0.97	0	4.53	0.07	64.85	177.43	63.36
67.12329	3.123288	5.561644	34.41096	476.6849	0.931507	0	4.794521	0.109589	68.32877	176.2192	66.84932
67.34247	2.958904	6.465753	35.72603	466.0274	0.986301	0	5.643836	0.191781	69.36986	176.2192	69.69863
70.90411	4.082192	8.520548	37.75342	451.0137	1.178082	0	5.890411	0.328767	74.65753	175.8356	72.57534
72	3.424658	9.972603	38	494.7397	1.013699	0	5.917808	0.520548	74.82192	174.4658	75.83562
128.26	600.29	609.35	4.56	6.01	0.08	0	0.14	0	89.15	249.96	263.54
127.71	605.33	603.64	5.4	4.92	0.12	0	0.13	0	87.94	222.35	258.86
126.48	643.59	595.8	5.34	5.19	0.1	0	0.09	0	94.14	276.33	256.84
131.06	626.75	595.85	5.56	5.49	0.16	0	0.14	0	91.97	272.13	287.88
135.43	655.35	591.02	5.95	4.95	0.14	0	0.35	0	95.51	267.85	313.81
137.6	686.62	578.66	7.1	5.21	0.16	0	0.28	0	99.69	294.94	291.25
141.11	703.03	566.56	7.39	5.2	0.1	0	0.33	0	103.57	260.18	295.99
142.93	708.11	549.43	7.84	4.92	0.13	0	0.31	0	109.24	258	295.48
141.5	718.47	543.31	8.98	5.19	0.15	0	0.29	0	112.57	256.27	300.88
141.29	737.28	521.38	9.45	5.45	0.19	0	0.25	0	114.07	305.08	303.69
151.06	765.03	516.52	8.83	5.47	0.18	0	0.33	0	115.36	257.28	305.59
164.61	773.41	511.08	10.83	5.19	0.2	0	0.54	0	119.09	262.01	321.76
171.87	777.5	500.39	12.87	5.47	0.1	0	0.52	0	121.28	287.62	321.45
180.59	785.65	484.59	13.74	5.48	0.19	0	0.45	0	128.42	252.36	328.32
192.19	810.2	475.59	17.16	5.48	0.18	0	0.41	0	126.16	303.98	323.06
183.06	808.69	474.6	19.96	6.86	0.33	0	0.51	0	128.42	261.42	326.2
179.65	825.33	461.08	23.42	6.59	0.31	0	0.37	0	121.47	270.08	323.41
181.26	821.04	456.45	26.65	6.03	0.47	0	0.48	0	125	299.76	322.14
185.7	785.95	448.38	29.49	7.12	0.44	0	0.12	0	128.14	325.02	326
186.29	747.18	434.78	30.7	8.05	0.11	0	0.1	0	123.32	283.1	336.67
157.53	732.93	430.94	31.9	7.29	0.08	0	0.01	0	99.51	330.81	342.36
155.3	643.68	424.58	15.12	6.29	0.08	0	0	0	124.16	297.86	349.4
158.84	754.94	423.75	14.34	4.78	0.25	0	0.01	0	134.1	287.68	304.55
150.76	696.54	407.89	18.51	5.53	0.21	0	0	0	134.1	324.13	270.1
160.38	742.19	393.34	19.25	4.78	0.29	0	0.02	0	123.1	295.78	303.69
178.7	791.13	396.02	20.88	5.29	0.26	0	0.08	0	122.36	318.5	321.22
180.15	758.65	383.47	22.32	6.74	0.19	0	0.02	0	137.45	323.78	337.76
185.81	761.85	388.53	22.2	5.47	0.23	0	0.07	0	137.88	326.37	339.28
185.34	728.98	390.56	23.06	5.19	0.16	0	0.01	0	139.87	325.46	331.7
185.98	671.63	393.54	20.83	3.23	0.05	0	0.05	0	131.58	337.94	284.15
198.36	651.47	383.65	22.41	2.86	0.01	0	0.03	0	105.71	355.37	295.04
190.86	613.86	395.54	24.7	3.63	0.11	0	1.45	0	108.61	308.08	300.61
182.56	594.09	403.63	25.62	4.52	0.26	0	0.86	0.01	123.57	361.35	314.56
165.69	577.74	374.33	29.1	4.53	0.28	0	0.35	0	117.5	348.29	304.13

168.96	556.47	372.34	28.17	4.92	0.33	0	0.48	0.01	113.15	368.02	301.14
172.89	554.06	371.82	28.42	4.89	0.32	0	0.85	0.01	117.91	354.54	300.68
153.91	552.18	369.07	34.29	5	0.35	0	1.45	0.01	119.14	377.3	299.59
162.63	581.17	372.22	36.35	5.08	0.36	0	1.46	0.01	120.09	372.57	288.41
167.11	572.21	362.61	38.44	5.06	0.26	0	1.51	0.1	118.84	358.58	291.15
161.54	553.76	365.25	39.75	5.27	0.32	0	1.55	0.08	124.61	382	298.88
155.04	554.97	359.06	46.68	4.95	0.32	0	1.96	0.06	125.91	365.16	300.54
156.25	571.41	358.54	53.67	4.99	0.35	0	2.08	0.04	125.85	299.91	305.07
162.31	567.75	355.4	50.04	4.65	0.42	0	2.15	0.08	126.14	336.66	309.77
155.55	525.42	354.19	52.94	4.36	0.4	0	2.4	0.12	122.96	349.91	295.58
151.23	499.29	345.8	55.9	4.44	0.42	0	3.27	0.23	119.45	315.2	301.61
160.49	472.37	360.36	55.41	4.46	0.4	0	3.76	0.03	118.56	309.58	292.92
161.34	488.73	331.37	54.18	6.66	0.44	0	4.34	0.04	119.39	348.76	290.04
158.66	479.65	326.75	50.82	3.8	0.36	0	4.8	0.06	115.22	310.16	296.96
153.8	490.98	321.11	58.75	3.01	0.52	0	4.05	0.11	119.29	345.82	300.01
153.92	550.92	308.82	58.97	2.6	0.6	0	3.95	0.1	119.2	311.41	301.05
156	569.34	314.3	61.49	3.77	0.65	0	4.55	0.16	119.6	354.82	299.81
143.95	579.92	305	70.56	3.18	0.55	0	4.63	0.31	122.01	328.54	297.32
140.62	593.44	284.92	75.11	2.61	0.68	0	5.25	0.17	121.61	295.45	298.17
149.5342	515.6712	282.2192	75.45205	3.150685	0.60274	0	2.493151	0.164384	120.9863	330.0274	301.6986
156.6301	523.9726	263.726	77.34247	3.726027	0.575342	0	2.547945	0.191781	112.6575	285.9178	283.0685
158.4932	523.3973	279.589	78.93151	4.575342	0.630137	0	2.657534	0.219178	123.0137	332.411	273.0959
160.8219	536.1918	278.5479	83.0137	4.410959	0.684932	0	2.383562	0.219178	124.1644	344.3288	289.6712
74.57	57.6	21.43	7.5	41.43	0.54	0	0.14	0	85.72	386.33	179.18
75.69	57.72	26.05	7.82	33.55	0.72	0	0.14	0	92.09	407.93	175.29
79.93	58.69	25.4	8.3	39.3	0.53	0	0.07	0	90.55	408.2	170.17
79.11	81.46	41.37	9.57	29.42	0.56	0	0.05	0.03	90.14	408.26	179.11
77.44	86.97	37.66	12.67	32.4	0.65	0	0.12	0.09	89.08	414.89	182.3
80.47	100.11	41.95	15.45	46.45	0.56	0	0.18	0.11	83.56	428.73	161.8
83.2	102.72	59.13	15.91	37.56	0.7	0	0.15	0.11	87.65	401.65	174.96
77.95	111.89	47.88	18.5	32.75	0.65	0	0.11	0.16	89.79	441.34	174.95
85.47	99.39	37.91	17.51	38.96	0.68	0	0.12	0.11	95.8	407.02	176.35
83.44	106.17	65.64	22.28	32.21	0.84	0	0.25	0.13	101.76	412.54	173.62
84.81	114.19	47.23	19.29	32.8	0.8	0	0.12	0.12	90.47	426.78	172.29
97.9	95.05	47.18	18.09	38.95	0.72	0	0.18	0.05	98.47	425.75	169.34
90.06	96.94	49.29	20.79	41.85	0.92	0	0.07	0.06	91	403.74	174.51
80.99	98.5	65.25	21.49	38.69	0.73	0	0.11	0.13	101.06	387.64	187.68
109.57	98.99	46.37	19.84	34.25	0.66	0	0.12	0.11	100.26	427.02	193.23
93.49	105.59	45.53	24.81	36.9	0.61	0	0.29	0.11	99.32	436.1	192.46
109.05	100.81	34.68	29.46	39.13	0.55	0	0.12	0.13	97.24	449.91	181.22
107.4	109.55	29.25	31.69	42.53	0.57	0	0.08	0.09	96.09	436.88	186.28
105.97	120.16	32.61	36.64	40.02	0.52	0	0.14	0.05	88.06	440.8	189.04
93.72	113.66	29.37	38.75	52.12	0.56	0	0.1	0.12	91.66	442.85	174.95
93.67	118.94	27.54	39.29	54.5	0.54	0	0.11	0.11	92.56	430.82	169.54
102.58	107.38	24.54	40.48	51.13	0.51	0	0.34	0.09	93.59	435.47	184.92
94.68	115.12	26.27	41.74	49.8	0.57	0	0.96	0.17	94.11	431.94	195.31
110.18	117.56	24.17	40.25	53.98	0.56	0	0.1	0.27	86.35	424.29	187.42
138.89	127.07	23.83	44.84	53.34	0.36	0	0.27	0.52	90.32	413.25	186.51
127.32	128.52	22.99	51.42	56.98	0.9	0	0.12	0.09	87.94	432.46	177.56

135.42	143.5	21.8	55.11	52.51	0.95	0	0.48	0.78	88.71	417.92	168.05
135.96	143.3	21.19	56.87	56.62	0.99	0	0.39	0.77	90.43	405.5	172.06
137.98	145.15	18.83	56.38	57.06	1.24	0	0.31	0.78	95.69	385.68	172.7
132.77	160.56	42.85	66.33	62.01	0.82	0	1.93	1.31	84.94	308.71	170.33
160.59	167.96	20.53	64.61	79.35	1.01	0	0.4	0.57	95.19	272.57	179.66
152.4	170.57	46.3	79.13	88.22	0.89	0	1.3	1.78	89.67	178.4	169.43
148.66	191.09	44.18	84.19	77.45	0.98	0	1.27	1.32	88.9	167.07	166.37
149.66	181.72	45	82.89	95.71	0.94	0	1.68	2.07	88.25	160.76	160.67
157.62	195.94	42.35	77.77	109.58	0.7	0	1.52	1.89	87.25	166.13	138.66
151.31	196.26	34.64	81.45	83.73	1.23	0	1.63	1.61	95.38	189.92	158.48
145.74	192.02	36.69	68.69	93.19	1	0	1.72	1.8	94.75	221.15	144.87
158.74	175.65	47.91	80.44	87.87	1.14	0	1.91	1.67	90.34	234.06	151.19
150.98	173.87	45.15	84.67	98.18	0.96	0	1.66	1.72	90.87	247.36	146.81
156.07	190.32	53.48	92.82	83.26	1.13	0	1.52	2.21	89.21	250.27	159.17
162.55	192.3	53.53	96.03	79.71	1.22	0	1.78	1.98	89.38	251.36	161.75
165.69	192.92	52.94	96.9	77.73	1.21	0	2.26	1.82	82.55	261.6	161.95
156.01	195.83	57.07	109.3	76.73	1.18	0	2.25	1.8	84.9	266.55	162.7
157	203.92	59.31	107.28	71.41	1.21	0	2.09	1.58	87.42	270.33	169.14
155.29	203.34	62.15	115.56	72.91	1.36	0	2.09	1.63	88.14	274.69	165.38
151.31	193.62	57.66	105.38	76.23	1.26	0	2.49	1.42	94.03	254.08	164.88
162.4	200.31	67.2	118.71	68.99	1.39	0	3	1.52	87.57	276.63	168.79
156.29	192.47	65.44	119.83	70.86	1.48	0	3.14	1.48	97.46	265.05	170.22
150.52	205.17	67.94	121.63	67.12	1.45	0	2.47	1.62	87.66	266.31	166.27
140.4	205.71	67.54	133.31	69.72	1.2	0	2.95	1.73	88.6	263.42	171.67
138.46	189.16	62.5	141.42	69.62	1.29	0	3.62	1.64	88.2	256.92	175.47
139.03	228.15	66.75	153.81	66.66	1.65	0	3.28	2.04	86.88	263.14	180.07
137.27	226.77	64.88	151.64	64.55	1.56	0	2.79	2	92.36	254.73	180.04
119.863	91.91781	44.84932	148.9863	72.0274	1.424658	0	4.219178	5.69863	123.6164	251.8904	158.9315
117.4521	96.82192	44.13699	149.1233	73.0137	1.369863	0	4.082192	5.726027	116.2192	249.2329	154.6027
125.3973	100.7671	44.24658	149.9726	74.9589	1.342466	0	1.39726	3.287671	121.6712	254.1918	148.7123
122.9589	101.0959	43.64384	149.589	72.90411	1.315068	0	1.178082	2.794521	116.8219	258.0822	161.1781
58.11	169.61	242.56	4.39	34.28	0.1	0	26.73	0	51.64	259.94	173.15
56.97	175.14	241.36	7.28	33.78	0.08	0	29.87	0	51.13	260.27	210.51
57.49	176.42	254.18	9.51	34.05	0.1	0	20.96	0	49.28	282.41	196.27
56.44	179.09	275.2	10.97	33.76	0.09	0	28.29	0	49.83	306.2	185.66
62.39	188.31	268.03	11.69	34.66	0.09	0	16.75	0	50.84	328.9	232.44
64.23	189.98	264.11	11.84	37.44	0.1	0	29.68	0	58.62	347.88	200.91
69.49	200.08	310.42	12.01	36.33	0.13	0	29.67	0	59.83	360.04	210.18
71.13	196.23	293.54	12.17	35.36	0.12	0	23.81	0	66.67	364.62	231.69
78.71	208.32	300.83	14.82	37.51	0.11	0	26.13	0	73.82	403.4	225.24
79.11	211.27	298.18	16.08	39.14	0.09	0	32.3	0	74.58	356.76	230.73
82.84	199	297.19	18.75	34.71	0.13	0	13.53	0	75.16	334.49	205.48
87.13	205.95	292.15	20.91	36.69	0.11	0	15.67	0	74.95	354.23	226.7
85.57	216.91	286.7	23.04	38.67	0.15	0	17.65	0	76.77	349.05	232.97
93.75	221.65	290.18	27.61	37.77	0.14	0	12.68	0	75.93	371.61	235.37
96.05	223.25	268.62	27.48	37.52	0.16	0	12.19	0	77.43	457.15	236.92
93.69	236.85	275.3	31.48	38.31	0.28	0	11.7	0	69.91	293.2	234.01
99.94	226.25	276.74	37.77	36.54	0.18	0	10.55	0	71.66	361.1	233.01
95.98	223.1	273.75	32.66	37.4	0.18	0	9.47	0	72.07	367.99	235.81

97.6	220.05	219.98	31.2	41.27	0.19	0	7.53	0	73.32	335.86	227.77
92.99	231.94	254.72	39.61	38.63	0.15	0	7.39	0	74.8	298.32	212.54
102.67	229.31	240.61	36.47	36.06	0.2	0	7.65	0	74.8	286.35	213.27
104.49	249.15	236.31	34.51	40.32	0.21	0	8.44	0	74.84	340.91	214.62
98.93	255.19	245.58	36.25	33.93	0.17	0	9.04	0	70.98	332.34	238.78
96.12	237.19	252.5	28.9	43.22	0.15	0	7.82	0	68.57	394.53	247.58
100.43	250.38	260.94	29.13	51.31	0.11	0	8.59	0	70.74	414.56	255.7
100.88	263.66	400.66	34.27	49.98	0.2	0	6.7	0	75.53	405.25	267.89
110.93	361.82	417.54	36.34	52.36	0.17	0	8.39	0	75.47	354.11	266.37
115.46	367.4	350.51	38.02	51.37	0.22	0	6.73	0	77.31	371.76	270.49
129.62	399.54	338.9	38.55	44.42	0.22	0	11.43	0	82.44	421.52	262.02
150.34	421.89	360.81	36.06	38.13	0.21	0	9.69	0	75.74	495.44	250.7
147.4	419	352.61	39.74	39.57	0.25	0	11.11	0	84.08	450.09	261.14
154.27	431.85	354.58	50.74	44.89	0.32	0	10.91	0	83	334.25	257.49
164.62	428.53	339.84	52.4	40.73	0.27	0	10.21	0.01	86.12	422.43	261.57
167.8	445.54	345.19	58.66	42.57	0.27	0	9.62	0	86.64	452.19	258.6
162.1	471.71	340.42	56.57	38.2	0.31	0	9.32	0.01	79.56	462.91	260.42
162.42	484.9	324.77	61.65	37.94	0.38	0	11.42	0	86.67	485.08	256.89
162.71	488.05	282.95	67.18	41.72	0.29	0	12.25	0.01	85.67	442.11	260.2
171.37	505.41	334.35	74.49	48.3	0.34	0	11.29	0.01	86.6	568	260.11
183.05	555.12	234.57	71.82	46.47	0.26	0	14.11	0	89.53	544.48	264.54
182.55	571.55	209.3	72.97	47.1	0.32	0	17.1	0.01	89.56	495.13	266.48
176.25	611.27	221.41	77.66	47.13	0.39	0	13.24	0.01	88.96	531.86	267.19
181.97	589.53	220.82	67.6	45.63	0.43	0	18.43	0.01	88.26	440.85	265.6
184.9	565.88	237.24	59.14	46.03	0.42	0	16.66	0.01	89.83	428.66	269.49
183.36	578.23	222.71	63	43.27	0.39	0	15.35	0.01	84.37	593.59	259.21
183.37	598.23	215.81	65.33	42.17	0.37	0	13.41	0.02	84.11	512.74	255.96
191.87	599.49	213.69	64.29	41.82	0.46	0	14.14	0.02	81.67	415.82	258.75
202.13	621.07	203.2	72.36	41.25	0.39	0	11.94	0.02	78.98	485.43	260.04
194.69	620.31	183.79	76.11	44.69	0.26	0	12.04	0.03	82.63	450.55	253.04
193.89	583.92	169.12	78.67	42.49	0.25	0	12.6	0.03	79.45	525.23	251.08
190.49	575.75	183.13	81	45.47	0.35	0	11.62	0.03	80.46	552	252.94
182.79	595.96	184.42	79.88	47.59	0.42	0	11.43	0.03	77.79	451.53	253.46
174.46	588.12	191.45	80.91	42.1	0.35	0	9.44	0	77.63	483.11	256.72
172.17	572.83	190.64	82.57	40.71	0.37	0	10.06	0.02	78.01	416.76	258.36
182.3562	594.2192	178.1644	82.41096	59.15068	0.383562	0	7.972603	0.054795	100.411	396.3836	237.9178
187.5342	607.8082	176.9863	81.80822	62.65753	0.383562	0	8.767123	0.054795	104.0274	463.0685	227.4795
184.137	606.3288	176.1918	82.79452	59.64384	0.383562	0	9.479452	0.054795	110.3288	432.8493	227.0137
185.7808	604.8493	175.726	83.78082	56.05479	0.794521	0	13.23288	0.054795	98.79452	418.7671	231.7534
10.52	1.55	28.78	1.75	270.81	0	0.92	0.42	15.52	5.17	207.45	31.96
8	5.51	23.38	1.63	284.26	0	2.01	0.41	14.33	5.18	210.89	45.44
10.89	10.34	22.36	1.73	303.47	0.01	2.15	0.52	13.77	4.77	197.07	75.31
13.09	6.62	36	1.82	301.36	0.01	0	0.42	14.75	4.51	216.35	38.25
12.96	7.7	32	1.88	289.78	0.01	1.98	0.47	15.04	5.01	225.4	50.25
13.55	5.26	38.13	1.83	299.12	0.1	1.44	0.57	13.29	6.58	233.87	45.52
11.26	2.54	19.98	2.32	321.72	0.09	2.15	0.58	19.02	10.21	244.61	70.8
10.39	8.93	24.9	3.12	302.53	0.09	3.15	0.61	20.68	14.09	263.21	88.64
11.17	11.75	40.44	3.83	301.78	0.09	2.98	0.77	20.09	19.07	281.38	118.7
11.87	8.76	40.99	4.01	342.34	0.08	3.28	0.71	21.07	20.73	285.23	109.83

11.81	10.98	39.61	4.34	329.13	0.11	1.37	0.74	20.55	22.9	310.18	128.72
12.21	10.68	29.76	4.68	325.51	0.11	6.78	1.23	17.28	23.21	291.74	152.39
12.93	8.42	29.64	4.4	332.36	0.11	7.53	1.37	21.3	25.5	280.26	144.51
13.85	10.21	28.68	4.44	348.15	0.17	24.93	1.15	26.63	22.65	302.62	116.65
16.62	11.88	42.2	4.58	342.36	0.27	17.67	1.74	25.32	21.3	404.71	112.71
17.19	14.3	33.69	4.92	353.75	0.38	22.32	1.76	25.44	25.46	494.3	128.37
19.54	17.43	33.28	5.78	391.68	0.34	25.51	3.92	24.73	32.63	494.54	133.13
26.51	21.89	16.94	6.4	394.15	0.39	19.51	5.33	25.07	41.27	594.61	111.79
36.75	26.91	19.91	6.84	374.5	0.57	19.13	6.71	26.97	47.14	607.11	115.77
32.21	30.52	24.8	6.77	376.92	0.36	23.2	6.26	31.75	43.12	542.68	134.86
31.59	25.81	31.36	6.71	338.65	0.48	31.62	5.15	24.57	38.44	551.61	129.42
36.68	30.2	30.3	7.21	341.98	0.87	25.33	5.17	25.67	42.83	571.14	131.45
41.56	36.66	26.17	8.52	345.85	0.74	27.1	4.93	21.23	49.72	499.31	127.3
44.13	44.78	23.28	8.23	342.94	0.54	29.45	4.42	26.49	56.26	512.94	133.99
45.89	47.7	31.2	8.8	328.01	0.44	27.8	4.84	22.61	58.76	498.6	137.57
40.48	38.74	30.58	13.61	328.46	0.58	37.05	3.79	20.42	66.65	541.16	134.33
43.34	49.77	23.3	14.72	324.61	0.69	28.15	3.44	30.11	70.7	487.14	134.44
45.92	48.29	20.51	15.36	310.71	0.86	29.25	4.69	28.11	79.44	507.64	139.02
48.61	65.45	31.57	15.72	293.8	0.75	28.99	4.85	26.77	86.71	531.12	130.4
56.45	55.6	18.44	17.31	266.31	0.78	25.89	6.41	30.58	88.26	549.66	130.21
60.68	61.56	20.01	20.99	276.32	0.84	27.81	7	16.18	91.65	531.63	125.8
77.3	56.86	36.48	23.49	269.62	0.99	36.71	8.71	22.19	92.04	544.61	125.49
76.86	63.13	31.29	24.49	267.36	0.91	40.83	7.42	20.88	87.36	602.17	131.8
81.81	57.47	24.49	25.53	262.77	1.12	46.09	10.37	18.35	84.23	545.52	134.12
85.96	60.61	29.6	26.85	263.33	1.22	39.83	10.08	16.69	86.38	609.33	134.6
91.92	66.65	37.79	28.79	267.22	0.85	33.21	9.61	17.21	87.63	594.78	136.6
98.37	59.79	33.43	27	261.76	1.16	39.52	10.02	21.25	92.61	577.64	137.22
93.5	68.58	27.36	23.87	254.18	1.03	27.58	7.84	21.83	80.7	577.28	137.37
107.21	75.76	34.16	29.11	250.02	1	27.66	7.22	23.34	90.82	595.22	140.87
110.43	80.21	35.26	29.47	240.93	1.04	21.55	8.43	21.34	96.28	648.42	147.7
97.9	83.83	31.01	30.54	228.81	1.81	21.78	9.04	19.73	99.97	650.64	141.79
116.46	95.72	34.85	31.71	224.06	1.73	29.38	7.44	20.93	103.48	572.65	140.65
125.25	76.48	25.24	30.75	208.77	1.34	26	7.71	25.62	103.08	594.31	139.97
105.41	72.73	31.77	27.16	211.13	1.32	31.25	8.29	20.72	102.65	636.53	140.6
110.66	77.74	44.84	34.67	207.56	1.48	35.83	8.48	20.33	104.12	592.53	138.47
122.04	71.94	31.64	37.01	214.84	1.12	44.28	9.86	20.18	103.55	615.94	138.76
127.38	77.86	29.17	36.3	209.73	1.44	46.37	10	20.67	100.02	591.3	139.94
126.48	77.07	30.25	36.03	214.89	1	52.79	9.26	21.01	99.93	616.92	132.45
125.37	75.59	29.18	38.35	223.76	1.2	48.6	10.12	20.93	95.1	600.87	142.72
130.22	66.2	31.6	41.87	229.32	1.25	50.46	10.89	18.39	104.4	542.42	142.81
135.34	78.66	33.26	44.77	238.08	0.98	55.4	10.92	21.48	100.06	612.55	136.27
140.19	83.54	34.18	44.87	223.8	1.17	55.89	11.81	22.86	103.25	545.66	139.63
142.59	83.6	40.65	43.84	233.38	1.23	61.4	12.72	22.88	105.27	569.51	139.3
141.2329	53.64384	32.21918	44.30137	338.9589	1.150685	57.80822	8.876712	21.75342	105.2329	592.9589	139.9726
149.1781	53.9726	27.67123	44.73973	340.1644	1.150685	63.36986	8.821918	20.93151	104.5753	538.5205	142.9589
154.6027	49.15068	27.20548	45.06849	338.1644	1.150685	70.43836	8.438356	19.23288	104.7397	519.8904	144.1918
158.3562	54.05479	30.71233	45.75342	329.2055	1.205479	70.27397	8.547945	19.78082	108.7671	541.5342	141.1781
110.99	403.23	182.19	25.79	0	0	0	8.84	0	68.28	300.73	250.55
87.94	388.57	260.26	16.76	0.08	0	0	10.74	0	65.48	290.98	190.85

74.5	378.7	231.77	15.05	1.28	0.05	0	6.71	0	74.05	247.5	203.42
54.3	392.66	187.04	15.62	3.25	0.02	0	3.17	0	68.01	263.9	234.15
63.79	397.45	188.85	11.52	5.48	0.01	0	2.76	0	72.4	201.26	211.85
60.84	379.46	189.26	9.77	13.72	0.02	0	2.69	0	68.1	209.11	231.87
58.92	388.68	179.69	11.09	4.52	0.01	0	2.07	0	67.07	297.54	239.55
49.67	367.23	132.55	11.57	2.36	0.05	0	2.12	0	66.4	288.04	223.37
47.64	380.21	147.45	14.01	4.77	0.06	0	1.96	0	68.95	214.35	246.36
46.17	376.45	180.75	24.62	5.82	0.13	0	2.12	0	77.89	283.37	185.13
46.86	413.9	187.22	25.81	11.78	0.09	0	3.39	0	73.2	249.69	204.99
41.59	401	191.09	29.8	10.79	0.12	0	6.95	0	81.9	270.62	198.71
50.66	382.97	174.21	36.75	7.94	0.16	0	5.21	0	76.69	234.71	237.29
60.38	426.17	207.18	49.4	9.5	0.14	0	2.37	0	78.61	284.92	209.77
70.98	425.42	242.98	41.7	9.27	0.17	0	2.17	0	81.95	378.33	185.86
73.49	417.56	162.1	33.63	11.7	0.14	0	2.31	0	102.8	182.22	219.4
55.21	430.15	159.52	39.69	5.18	0.15	0	2.66	0.01	85.88	316.88	211.38
53.96	415.41	162.13	32.87	7.94	0.18	0	2.35	0.01	69.46	296.59	188.79
62.98	437.53	156.91	43.07	9.64	0.18	0	2.9	0.01	64.22	297.75	154.7
67.81	426.33	165.18	42.82	7.71	0.23	0	3.2	0.01	66.95	299.1	138.62
71.05	411.04	145.84	44.22	8.45	0.2	0	2.92	0.01	63.87	198.28	138.61
68.9	429.43	147.92	49.13	8.07	0.23	0	3.36	0.01	64.59	245.7	131.21
56.41096	359.3151	128.2466	42.05479	10.54795	0.191781	0	1.753425	0.027397	102.5205	219.1781	110.9041
61.80822	359.4521	128.1096	41.78082	10.54795	0.191781	0	1.205479	0.027397	99.91781	167.6712	121.8082
62.27397	363.4795	129.7534	42.87671	8.849315	0.191781	0	0.821918	0.027397	64.82192	214.8219	118.7397
65.64384	363.8356	125.0685	44.21918	9.013699	0.191781	0	0.657534	0.027397	85.26027	205.8356	113.8904
73.76	298.88	189.7	9.24	5.13	0.14	0	4.91	0	29.92	232.05	458.41
75.72	297.11	194.43	9.75	4.96	0.09	0	4.59	0	33.15	219.58	455.52
67.69	290.17	199.65	10.14	10.66	0.03	0	3.04	0	37.11	241.93	455.33
73.64	289.94	204.29	10.73	8.83	0.08	0	3.82	0	40.87	233.89	456.55
78.31	299.22	208.12	10.82	9.06	0.12	0	5.07	0	45.99	210.34	452.86
82.35	318.9	212.54	11.02	8.78	0.16	0	4.87	0	48.76	283.09	447.39
84.82	341.69	216.79	11.47	9.4	0.13	0	4.51	0	45.89	255.71	439.36
88.14	329.97	223.74	12.07	9.53	0.18	0	4.78	0	52.44	275.2	440.53
87.86	328.83	229.26	13.98	9.79	0.07	0	4.77	0	56.3	246.1	437
98.31	315.12	170.01	14.54	9.87	0.07	0	4.14	0	58.18	249.42	408.56
98.72	320.71	207.07	17.56	10.54	0.09	0	4.02	0	59.52	288.09	415.11
110.02	345.25	244.19	22.81	9.83	0.17	0	3.33	0	61.16	296.11	403.94
112.64	368.54	248.96	24.15	11	0.17	0	3.67	0	61.38	304.51	395.14
119.62	378.02	226.58	27.92	10.94	0.2	0	3.38	0	61.75	307.72	422.92
125.16	375.56	259.04	31.09	10.81	0.18	0	3.21	0	61.42	306.81	377.12
126.42	394.12	253.76	28.7	10.89	0.15	0	3.77	0	76.11	381.34	388.99
130.49	414.79	239.64	31.4	9.44	0.19	0	3.81	0	76.78	372.08	390.97
136.06	431.91	214.56	33.59	10.77	0.11	0	3.78	0	80.27	408.54	393.03
144.28	508.25	191.42	37.98	10.89	0.14	0	5.37	0	83.13	401.54	374.2
138.6	463.54	191.71	39	11.12	0.21	0	4.2	0	85.58	361.21	391.06
130.06	452.55	193.03	41.32	11.45	0.07	0	4.15	0	73.4	457.58	379.73
118.24	405.49	196.89	41.99	10.49	0	0	5.32	0	74.96	517.07	324.35
111	408.84	193.01	44.69	13.46	0.11	0	6.05	0	77.31	490.68	333.9
126.62	418.44	192.26	42.9	13.11	0.04	0	5.17	0	78.91	546.99	330.21
123.84	484.61	213.21	48.23	12.45	0	0	4.69	0	76.21	508.99	335.1

116.92	426.74	212.76	44.08	12.72	0.15	0	3.69	0	69.68	419.94	334.48
122.98	415.11	190.42	46.45	13.69	0.11	0	3.36	0	66.92	373.58	337.59
114.55	434.7	158.37	40.11	11.5	0.07	0	2.92	0	68.64	427.22	358.68
127.95	367.59	194.9	29.65	10.41	0.1	0	2.84	0	70.01	393.49	359.04
164.35	401.8	161.59	47.26	11	0.2	0	3.07	0	69.77	340.53	369.03
149.35	462.94	131.58	38.74	7.45	0.33	0	2.06	0	70.55	311.34	301.45
132.22	461.53	165.43	34.32	8.66	0.21	0	2.87	0	73.31	283.77	292.93
122.94	497.77	201.1	38.26	8.8	0.18	0	4.21	0	71.23	363.56	328.09
127.17	503.56	180.59	31.82	7.12	0.16	0	2.98	0	73.16	361.45	328.93
121.14	528.62	192.35	36.62	5.65	0.23	0	3.07	0	70.34	388.61	374.66
111.68	539.74	199.13	35.41	6.1	0.47	0	3.52	0	73.94	365.4	369.26
115.02	538.33	222.66	32.39	6.61	0.51	0	2.54	0	58.9	363.37	392.9
120.57	544.14	230.18	38.07	7.93	0.54	0	2.23	0	61.26	404.57	384.37
112.26	543.69	236.49	35.87	11.08	0.36	0	2.73	0	61.98	472.97	384.05
105.05	540.58	239.63	35.19	10.09	0.29	0	2.43	0	69.41	409.68	386.41
100.26	551.8	243.52	43.11	9.24	1.03	0	2.7	0	72.5	451.34	401.43
107.56	599.66	250.01	52.47	9.47	1.5	0	2.79	0	70.86	445.32	405.89
121.32	620.23	264.84	52.37	8.85	1.41	0	2.43	0	73.8	529.72	384.17
103.63	663.89	265.2	51.66	10.67	0.96	0	1.95	0	76.75	544.57	402.54
128.39	668.5	265.26	55.74	8.99	0.91	0	4.63	0	77.53	504.76	388.25
129.92	704.94	264.83	51.11	8.41	0.74	0	5.38	0.01	84.98	517.67	374.23
129.88	746.31	261.7	52.02	6.13	0.48	0	4.15	0.01	74.85	414.11	369.81
130.81	758.76	273.57	50.2	7.15	1.09	0	6.04	0.01	67.05	491.19	359.88
134.74	703.56	258.01	56.61	6.4	0.72	0	5.23	0	69.51	483.09	362.11
122.31	644.45	271.63	46.65	6.69	1.92	0	4.19	0.01	69.16	490.21	363.34
115.42	670.32	272.06	41.14	6.83	1.5	0	5.17	0.01	68.2	515.17	364.63
109.49	649.42	276.12	46.63	7.61	0.55	0	3.39	0.01	69.02	453.7	367.12
101.74	654.98	272.62	42.12	7.08	0.81	0	4.07	0.01	70.12	497.13	369.5
127.1781	676.8493	281.0411	48.27397	12.93151	0.958904	0	3.013699	0.027397	74.24658	529.3699	335.589
135.8356	675.9726	274.5205	48.84932	12.16438	0.90411	0	4.246575	0.027397	76.57534	523.2877	338.4384
140.2192	683.4247	267.1507	50.82192	13.06849	0.90411	0	4.547945	0.027397	79.9726	496.5479	340.274
131.1781	660.9863	270.5205	53.06849	12.13699	0.876712	0	6.520548	0.027397	81.09589	544.0274	347.5068
153.87	321.03	323.43	27.32	19.43	0.08	0	0.26	0	92.9	219.39	353.82
148.18	371.01	348.13	26.79	13.46	0.16	0	0.25	0	96.92	198.5	353.81
135.33	390.02	334.47	29.45	4.78	0.17	0	0.59	0	96.17	189.1	370.46
128.21	376.28	339.91	31.66	6	0.11	0	0.71	0	99.34	210.72	365.98
121.78	408.86	343.14	26.53	10.24	0.14	0	0.73	0.01	103.26	208.45	356.44
112.59	400.04	357.03	32.39	9.79	0.17	0	0.74	0.01	103.66	221.38	363.22
112.96	417.13	338.1	28.05	10.15	0.22	0	0.92	0.01	107.87	217.44	361.05
112.34	420.84	323.79	18.23	14.87	0.23	0	0.32	0.02	111.87	232.84	356.87
100.25	412.62	301.47	26.92	13.41	0.23	0	0.49	0.05	112.27	241.85	352.07
96.25	395.22	299.76	40.13	12.06	0.26	0	0.96	0.04	114.28	247.25	364.08
104.37	410.47	292.04	43.62	14.21	0.37	0	0.93	0.04	120.35	252.5	365.99
110.68	406.87	300.9	44.27	13.98	0.33	0	1.44	0.05	121.77	264.17	361.65
110.19	433.93	298.27	43.05	13.96	0.44	0	1.82	0.07	127	278.67	358.33
109.64	452.17	301.73	47.7	13.44	0.38	0	1.8	0.08	132.52	291.38	366.05
112.31	446.14	304.98	54.51	14.33	0.37	0	1.8	0.17	138.13	300.47	361.98
119.03	465.49	299.93	60.37	12.32	0.31	0	2.37	0.07	139.67	284.17	360.16
130.52	471.93	307.74	61.46	13.13	0.45	0	3.07	0.08	139.06	284.38	357.22



126.12	484.9	309.66	62.51	13.89	0.49	0	2.46	0.08	131.99	289.13	354.46
132.83	489.27	287.94	61.14	13.67	0.45	0	2.81	0.1	129.29	286.44	363.27
132.77	484.97	305.33	63.3	13.36	0.55	0	3	0.1	134.04	300.4	356.8
140.69	475.85	308.67	73.05	10.21	0.5	0	3.16	0.13	133.91	307.72	366.99
143.13	462.11	310.31	75.35	12.91	0.45	0	2.8	0.14	134.29	311.22	358.88
134.0822	480.9589	304.7123	78.60274	21.94521	0.493151	0	1.205479	0.356164	217.8904	311.3973	362.6575
130.5205	453.0685	308.3288	81.0137	22.05479	0.438356	0	0.60274	0.356164	215.863	308.6301	385.8904
132.3562	448.6027	308.7945	80.24658	23.09589	0.876712	0	0.60274	0.356164	215.5616	300.7945	366.7397
135.9178	463.1507	307.1781	84.87671	22.19178	0.438356	0	0.739726	0.356164	224.3014	309.8082	354.6027
11.79	20.09	71.27	0.3	0	0	0	0	0.12	0	161.55	0.89
11.92	18.61	28.86	0.32	0	0	0	0	0.13	0	183.11	1.02
12.14	19.65	46.7	0.34	0	0	0	0	0.13	0.09	188.33	1.39
11.73	19.41	15.29	0.36	0.64	0	0	0	0	0.44	190.28	0.22
11.32	19.07	28.79	0.37	0.96	0	0	0	0	0.83	179.35	1.96
12.06	19.92	48.78	0.23	1.44	0	0	0	0	1.68	176.59	3.24
12.92	20.88	70.79	0.39	0.32	0	0	0	0	2.71	176.71	2.5
12.17	20.5	48.04	0.3	0.78	0	0	0	0	3.76	166.64	1.51
11.82	21.32	82.32	0.41	1.67	0	0	0	0.25	3.4	174.19	3.75
11.75	24.75	75.9	0.34	1.76	0.03	0	0.01	0.72	2.63	177.82	8.35
11.72	21.82	90.13	0.35	1.16	0.02	0	0	0.63	1.4	169.53	4.35
11.87	19.95	76.16	0.34	1.5	0.02	0	0	0.71	1.07	167.4	4.7
11.89	22.54	79.15	0.38	1.36	0.02	0	0	0.8	1	164.41	5.79
12.82	19.38	56.45	0.38	1.32	0.02	0	0	0.73	1.4	153.03	2.97
14.56	17.9	77.43	0.37	2.39	0.01	0	0	1.54	1.25	154.51	7.18
14.06	23.22	86.17	0.48	1.46	0.02	0	0	2.06	1.72	158.87	6.47
14.59	29.5	85.13	0.48	2.85	0.02	0	0	2.47	1.67	162.34	5.58
14.79	38.88	106.13	0.51	3.17	0.02	0	0	1.51	2.4	165.28	7.66
14.83	33.17	99.53	0.57	1.91	0.02	0	0	1.94	3.75	171.37	4.06
15.13	44.41	93.71	0.56	4.74	0.02	0	0	2.58	5.29	162.56	6.14
15.62	42.44	109.13	0.57	4.84	0.03	0	0	3.03	5.14	166.99	4.92
15.19	44.76	114.27	0.57	3.86	0.02	0	0	3.58	4.73	161.8	5.48
14.61	41.44	88.62	0.55	4.09	0.03	0	0	2.33	4.22	159.03	10.19
13.8	51.24	100.24	0.53	4.81	0.03	0	0	2.18	5.55	145.96	8.68
14.25	56.63	130.65	0.55	4.71	0.03	0	0	3.51	4.9	138.45	8.52
13.16	57.63	105.47	0.52	5.19	0.02	0	0	2.22	4.72	126.45	8.6
12.21	49.09	93.49	0.5	4.6	0.02	0	0	2.6	4.98	117.44	4.79
12.49	40.34	53.06	0.57	3.62	0.02	0	0	2.5	5.47	108.43	5.12
12.44	39.08	74.11	0.52	3.73	0.03	0	0	3.06	5.49	118.56	5.12
12.68	38.5	83.66	0.52	3.74	0.03	0	0	6.29	4.61	122.16	8.5
13.38	46.68	122.02	0.55	5.09	0.03	0	0	6.31	4.69	120.11	9.65
13.84	43.79	98	0.61	4.72	0.03	0	0	7.05	4.72	143.21	7.4
14.24	51.25	82.38	0.69	5.98	0.04	0	0	5.06	5.35	164.65	6.45
14.33	45.97	45.11	0.7	7.82	0.03	0	0	3.14	4.9	171.45	7.5
12.28	50.17	50.4	0.64	4.43	0.04	0	0	3.67	4.61	155.23	7.09
13	50.36	71.53	0.66	5.23	0.04	0	0	3.98	5.14	146.44	5.56
12.96	47.4	80.87	0.63	5.58	0.03	0	0	4.21	9.94	124.22	8.79
13.41	46.57	57.36	0.69	8.27	0.03	0	0	3.75	9.66	121.79	8.51
13.83	46.66	78.81	0.78	8.17	0.03	0	0	4.02	7.17	123.62	5.93
13.07	39.49	203.94	0.46	2.78	0.36	0	0	4.07	3.98	148.3	3.83

13.6	45	272.8	0.49	10.71	0.41	0	0	4.61	7.64	157.88	6.47
14.02	37.67	271.24	0.53	7.75	0.45	0	0	4.7	6.03	152.37	6.5
15.37	38.84	313.65	0.6	8.56	0.51	0	0	5.41	5.48	169.18	9.42
16.19	42.91	301.17	0.68	8.94	0.56	0	0	4.83	3.29	172.62	11.42
16.47	41.63	319.69	0.67	14.9	0.61	0	0	6.33	5.21	178.28	15.25
17.81	48.1	304.85	0.56	15.31	0.66	0	0	6.99	8.2	181.95	17.95
18.32	52.8	254.52	0.62	15.29	0.7	0	0	10.04	10	167.17	18.58
19.34	45.97	271.85	0.64	16.48	0.75	0	0	12.54	8.8	159.9	24.19
19.24	45.64	277.12	0.62	20.98	0.19	0	0.01	13.24	11.89	221.45	27.38
20.29	53.52	276.33	3.47	21.37	0.68	0	0	13.75	14.94	235.97	31.73
20.52	52.05	273.59	3.41	21.5	0.79	0	0.07	8.66	14.3	220.91	37.91
20.65	50.87	276.48	3.45	24.75	0.82	0	0.12	4.18	18.9	208.29	27.99
20.8	20.13	272.89	3.67	23.83	0.73	0	0.02	5.27	14.09	199.26	31.08
23.0137	53.36986	266.8219	3.835616	30.32877	0.739726	0	0	4.739726	24.35616	162.7671	52.43836
25.15068	59.23288	257.5068	3.671233	32.05479	0.657534	0	0	5.09589	22.24658	155.6438	44.05479
23.34247	55.34247	257.0411	4.054795	27.80822	0.712329	0	0	5.39726	21.75342	157.7534	42.13699
24.21918	54.05479	255.7534	4.082192	31.61644	0.739726	0	0	5.726027	22.9863	165.7534	47.50685
34.97	83.29	15.04	10.64	40.83	0.27	0	0	0	106.58	59.42	176.16
35.46	84.48	16.92	11.55	39.75	0.27	0	0	0	115.33	60.23	186.23
37.19	88.74	17.67	11.71	37.39	0.27	0	0	0	113.74	60.54	194.44
38.36	94.7	18.85	13.64	36.99	0.33	0	0	0	120.75	61.43	194.83
39.18	113.39	19.18	14.54	32.26	0.33	0	0	0	127.45	63.66	195.85
40.24	146.06	19.98	17.18	34.25	0.34	0	0	0	128.86	65.39	183.6
41.76	204.9	20.87	19.41	33.4	0.35	0	0	0	129.09	71.65	185.16
49.9	188.75	23.11	22.28	34.96	0.42	0	0	0	132.1	71.43	171.89
45.61	211.67	19.48	20.19	36.57	0.42	0	0	0	132	74.1	174.29
49.02	201.1	18.02	25.21	42.56	0.42	0	0	0	130.22	76.57	172.16
55.65	211.16	22.04	28.64	43.09	0.31	0	0	0	107.46	79.12	178.76
51.68	194.55	20.86	33.81	44.4	0.31	0	0	0	140.69	81.91	173.39
49.08	141.03	20.17	33.69	44.89	0.24	0	0	0	139.56	80.97	186.11
50.89	150.46	16.63	28.08	41.41	0.43	0	0	0	175.12	74.46	174.09
41.52	169.39	19.74	37.92	46.45	0.25	0	0	0	154.25	75.27	157.22
46.58	177.27	12.45	45.02	37.98	0.75	0	0	0	158.28	72.35	153.76
46.07	187.17	17.56	44.27	39.04	0.31	0	0	0	146.22	76.03	165.52
46.93	190.83	23.04	56.66	44.4	0.37	0	0	0	138.57	77.65	171.75
51.4	207.14	26.7	58.36	42.31	0.45	0	0	0	144.87	85.08	176.81
56.49	222.9	29.05	57.66	41.29	0.51	0	0	0	154.55	87.89	186.45
60.47	194.34	27.72	72.38	40.84	0.58	0	0	0	158.67	82.81	140.55
62.74	168.02	28.67	68.3	52.25	0.51	0	0	0	135.65	85.18	141.08
66.45	247.43	31.6	75.76	44.28	0.45	0	0	0	140.67	89.57	138.14
62.54	213	32.09	77.3	55.58	0.46	0	0	0	139.86	92.8	165.82
74.96	247.18	34.7	77.43	79.26	0.65	0	0	0	143.32	101.13	155.37
88.68	199.01	42.99	97.46	77.63	0.59	0	0	0	145.69	104.5	153.11
88.75	259.12	35.75	99.57	75.71	0.53	0	0	0	140.55	132.55	161.53
83.35	216.58	35.55	110.86	84.2	0.53	0	0	0	137.55	133.7	185.07
67.85	218.77	30.2	96.96	86	0.53	0	0	0	112.53	132.47	197.29
69.42	234.29	32.74	113.06	64.15	0.4	0	0	0	111.24	126.42	206.52
78.97	211.32	26.19	108.19	64.15	0.4	0	0	0	112.33	121.67	205.73
72.27	212.14	29.94	113.33	64.15	0.33	0	0	0	114.18	117.34	208.79

68.63	237.83	35.23	110.5	62.62	0.46	0	0	0	112.82	122.6	162.55
70.08	255.46	30.98	110.89	59.75	0.65	0	0	0	116.96	147.64	160.29
95.27	229.04	25.49	112.33	55.05	1.02	0	0	0	135.98	152.91	145.22
92.5	220.59	27.21	110.86	55.3	1.02	0	0	0	138.37	188.2	151.48
79.12	236.11	26.21	109.71	60.34	1.12	0	0	0	131.28	162.86	149.66
84.94	226.65	20.67	119.24	61.33	0.74	0	0	0	129.4	148.99	153.18
89.08	245.56	15.4	109.77	59.54	0.73	0	0	0	129.31	153.31	149.35
109.57	274.13	24.96	115.01	58.13	1.67	0	1.43	0.06	128.83	188.26	148.73
101.15	273.72	28.77	121.02	61.64	1.31	0	1.43	0.1	140.35	195.82	154.48
91.2	260.36	26.06	146.66	59.92	1.16	0	0.93	0.14	135.68	175.69	152.56
91.57	247.54	27	142.12	56.96	1.37	0	0.79	0.15	130.08	165.97	147.49
99.6	229.61	27.42	141.14	57.65	1.49	0	1.02	0.13	117.43	172.68	140.6
94.48	229.04	23.28	128.14	57.53	1.23	0	1.28	0.15	124.94	160.3	142.68
98.21	239.19	21.57	123.01	54.79	1.7	0	1.69	0.16	119.18	169.01	151.06
78.3	241.8	25.22	132.16	58.17	1.81	0	2.02	0.2	127.04	167.15	145.54
88.51	249.9	24.41	134.27	60.04	1.93	0	1.98	0.04	126.18	138.47	159.3
81.63	266.27	21.94	126.98	57.43	1.89	0	2.21	0.04	127.95	143.01	162.75
74.46	252.63	50.7	149.19	56.11	1.89	0	0.1	0.07	123.68	105.3	162.7
70.63	231.39	65.91	154.83	54.95	1.4	0	0.25	0.17	130.28	96.3	156.6
67.26	232.43	51.87	154.37	54.9	2.49	0	0.25	0.17	129.36	94.98	162.41
68.13	240.45	50.48	155.35	54.44	2.64	0	0.25	0.17	132.66	97.12	166.25
76.54795	42.65753	42.68493	162.4932	65.53425	2.630137	0	0.30137	0.219178	201.7808	88.9863	105.8356
71.56164	45.26027	38.35616	160.7945	67.53425	2.958904	0	1.863014	0.027397	186.0548	90.9589	109.589
69.50685	59.67123	42.10959	150.7397	63.86301	2.876712	0	0.821918	0.136986	142.6301	92	107.4247
82.82192	54.76712	43.64384	152.7945	63.34247	2.60274	0	1.945205	0.575342	186.7945	147.1781	110.7397
38.4	120.87	5.39	5.9	8.1	1.29	0	0	0	77.3	61.19	178.51
40.47	112.97	5.63	5.84	19.36	1.43	0	0	0	73.75	60.6	162.42
40.98	110.4	5.48	7.13	13.55	1.44	0	0	0	78.45	65.3	158.18
43.06	106.07	7.3	7.27	22.81	1.56	0	0	0	79.95	65.82	170.23
41.95	118.26	6.36	12.47	14.07	1.57	0	0	0	81.91	64.82	155.5
45.07	119.91	8.3	18.28	16.72	1.31	0	0	0	82.81	67.39	166.77
42.76	121.84	7.78	21.42	14.96	1.32	0	0	0	75.03	67.57	158.41
43.99	133.02	9.58	25.25	21.32	1.36	0	0	0	67.4	68.22	162.38
48.58	136.98	10.19	25.69	17.77	1.3	0	0	0	65.18	69.71	167.76
60.31	131.79	11.72	33.46	18.47	1.24	0	0	0	62.75	70.44	172.7
53.6	165.92	14.98	32.35	18	1.51	0	0	0	67.35	70.39	193.81
56.46	157.37	9.67	33.81	13.08	1.34	0	0	0	63.94	67.4	191.05
56.02	120.94	13.57	36.23	19	4.97	0	0	0	71.75	64.96	164.65
50.19	126.79	9.48	32.58	20.01	2.69	0	0	0	77.05	62.97	166
55.73	118.31	8.62	36.94	18.63	0.45	0	0	0	72.08	67.96	168.33
59.52	135.28	4.99	37.84	15.94	0.67	0	0	0	70.42	65.32	182.34
69.26	158.96	5.94	45.17	16.56	1.72	0	0	0	79.73	74.95	201
67.96	164	7.89	64.97	19.85	1.76	0	0	0	75.44	74.04	208.32
68.92	188.97	14.08	71.4	20.45	1.28	0	0	0	77.27	76.16	232.21
53.37	176.27	12.91	70.77	19.53	0.56	0	0	0	84.87	72.71	223.73
53.65	194.45	13.15	88.45	24.2	5.64	0	0	0	83.58	75.75	213.17
59.05	184.71	12.95	92.92	24.97	4.91	0	0.07	0	83.39	72.87	214.27
60.79	194.53	15.95	94	18.8	3.68	0	0.02	0	80.82	78.22	222.56
68.43	241.33	11.62	98.94	17.3	4.31	0	0.02	0.02	88.57	79.81	234.51

72.7	216.79	17.22	98.91	24.22	3.98	0	0.02	0.11	94.79	81.11	230.86
76.24	248.67	18.48	119.36	19.61	3.29	0	0.02	0.17	100.05	85.17	252.15
81.31	220.13	24.13	122.56	26.13	3.96	0	0.08	0.19	104.42	95.1	254.26
73.17	257.49	21.14	111.98	13.32	4.49	0	0.02	0.12	103.37	96.45	242.37
94.01	246.07	24.46	112.07	11.41	4.23	0	0.06	0.12	103.2	95.75	242.2
78.82	307	22.26	113	12.3	4.05	0	0.02	0.08	102.07	88.98	255.57
99.19	280.63	24.62	140.06	7.35	4.36	0	0.16	0.04	99.26	89.99	249.67
102.14	283.2	23.17	138.18	48.45	6.13	0	0.12	0.04	102.64	108.51	235.61
107.93	290.32	22.85	155.8	23.21	4.38	0	0.08	0.04	100.83	112.82	267.83
105.91	282.51	23.83	160.68	19.8	3.88	0	0.08	0.02	102.16	104.53	269.7
126.11	276.04	32.45	150.42	23.82	4.96	0	0.09	0	104.6	104.74	235.62
116.01	253.63	22.1	148.09	32.12	5.4	0	0.13	0.11	103.2	112.07	225.64
108.76	278.65	35.48	152.57	26.29	4.43	0	0.17	0.11	104.1	111.99	242.26
121.53	257.73	40.32	140.24	25.29	3.6	0	0.18	0.07	105.35	112.4	243.19
119.85	276.08	42.38	176.77	31.15	5.07	0	0.96	0.1	107.78	116.56	223.78
111.55	301.19	39.76	172.41	25.12	4.19	0	5.39	0.08	103.35	118.64	237.53
93.64	276	37.34	172.1	22.96	4.02	0	4.9	0.07	110.15	114.57	236.21
115.5	284.95	42.05	168.21	19.9	6.74	0	6.02	0.06	106.62	125.16	250.56
121.68	262.04	43.49	162.33	24.5	6.98	0	5.61	0.11	98.98	115.67	235.34
121.91	275.56	40.18	166.7	24.29	5.78	0	6.25	0.11	105.24	141.15	249.04
109.09	270.35	42.99	161.7	33.49	5.68	0	6.09	0.1	99.97	144.4	240.81
97.48	287.04	43.85	155.82	24.43	6	0	7.52	0.21	106.78	149.78	245.1
113.64	288.19	37.84	151.01	23.9	6.25	0	9.2	0.13	112.4	126.54	245.27
104.81	280	41.33	153.07	19.39	6.33	0	9.31	0.07	116.63	116.92	254.79
88.02	284.74	31.24	168.1	26.75	6.3	0	7.78	0.03	115.53	105.79	250.74
95.05	283.91	35.5	178.76	28.33	5.63	0	4.27	0.01	112.4	100.72	249.2
92.51	256.78	38.32	190.48	26.62	7.15	0	1.36	0.07	112.98	101.19	246.18
92.3	223.18	37.1	186.67	27.97	6.47	0	1.76	0.07	109.62	98.39	247.15
94.2	223.78	34.41	190.47	28.44	6.53	0	1.58	0.18	105.86	100.1	249.38
103.8904	81.67123	29.36986	173.9726	26.16438	6.821918	0	0.821918	0.109589	120.0274	132.0548	195.5616
101.3699	79.53425	30.16438	175.3425	25.34247	5.972603	0	1.671233	0.164384	119.3151	100.6575	187.3425
102.2192	85.67123	29.64384	167.589	31.86301	5.068493	0	2.027397	0.164384	114.9315	131.1781	179.9452
106.0822	88.0274	30.10959	155.3151	28.05479	5.369863	0	1.753425	0.356164	112.8767	143.8082	186.274
22.59	171.89	5.01	3.64	31.71	3.91	0	0.33	0	85.18	194.96	184.84
23.15	169.86	5.28	4.03	41.03	4.16	0	0.36	0	100.66	210.48	204.24
23.98	169.29	5.54	4.86	30.89	4.53	0	0.39	0	88.92	210.63	185.05
25.65	140.16	5.8	4.64	42.1	4.8	0	0.42	0	106.08	216.99	183.61
27.42	136.31	6.05	6.66	36.09	5.04	0	0.45	0	101.82	206.93	212.1
31.23	155.16	6.3	8.53	37.79	5.32	0	0.47	0	102.34	232.16	210.41
26.43	166.97	7.78	9.46	43.59	5.6	0	0.47	0	104.64	231.95	177.08
26	209.09	7.7	9.85	43.1	6.1	0	0.31	0	106.56	220.4	198.1
28.68	207.3	8.28	11.48	43.81	6.42	0	0.21	0	108.58	241.51	193.51
30.98	236.98	8.8	18.23	43.93	6.51	0	0.33	0	114.55	239.33	207.01
35.64	256.78	10.36	21.62	39.14	6.5	0	0.06	0	119.6	253.58	206.44
32.38	218.72	12	25.25	39.04	6.46	0	0.03	0	116.17	255.36	221.84
28.65	207.41	10.43	28.68	41.59	6.01	0	0.03	0	107.54	257.81	206.74
29.6	178.05	2.02	25.9	38.27	5.66	0	0	0	89.2	269.59	207.06
24.21	196.33	4.74	28.65	35.56	6.28	0	0	0	125.27	290.74	193.56
27.79	188.89	3.62	36.18	39.99	8.19	0	0	0	130.06	275.17	194.26

29.61	195.47	5.59	35.78	55.27	7.6	0	0	0	113.9	289.65	194.52
30.52	193.24	8.3	38.33	38.66	7.64	0	0	0	105.45	263.57	215.17
32.56	131.59	10.52	44.9	38.3	7.91	0	0	0	106.87	270.98	262.19
32.64	109.01	12.37	46.79	39.52	3.77	0	0	0	111.19	269.56	265.84
32.7	101.34	10.93	48.61	35.21	1.28	0	0	0	114.44	262.5	287.03
35.14	148.67	15.5	64.81	42.68	0.97	0	0	0	117.1	293.77	234.14
36.28	96.33	17.37	65.19	43.49	0.96	0	0	0	116.44	217.21	238.02
45.12	157.99	18.7	65.2	57.43	0.61	0	0	0	115.72	253.68	198.36
46.13	115.41	22.81	72.52	52.34	1.05	0	0	0	114.85	199.55	200.79
36.23	111.54	24.68	92.81	55.6	1.28	0	0	0	117.11	297.59	181.8
52.5	194.06	12.74	86.9	58.08	1.19	0	0	0	117.61	310.06	147.36
42.82	175.22	21.43	89.05	60.66	1.82	0	0	0	115.92	284.88	151.99
50.58	175.85	22.43	91.87	56	1.48	0	0	0	115.87	256.95	135.17
54.02	209.46	20.95	99.37	37.75	1.8	0	0	0	116.11	208.91	81.92
55.81	189.09	15.22	101.27	42.87	2.23	0	0	0	118.7	227.31	90.52
55.82	234.84	11.67	113.9	36.91	2.28	0	0	0	123.09	150.85	103.94
52.75	163.05	12.68	122.25	15.14	2.61	0	0	0	122.05	235.67	139.22
51.76	167.18	7.61	113.42	19.03	3.42	0	0	0	119.32	240.2	158.95
62.54	158.03	3.81	122.22	10.98	3.22	0	0	0	115.17	199.09	171.93
55.53	187.83	3.81	124.07	31.35	3.55	0	0	0	113.08	228.25	173.11
48.64	236.15	21.23	129.91	65.53	2.08	0	0	0	118.73	177.3	175.58
51.16	164.91	5.58	133.99	75.65	2.36	0	0	0	119.14	226.88	188.24
49.75	196.55	7.1	135.67	73.2	2.58	0	0	0	121.47	228.17	199.57
46.22	178.04	18.01	136.35	85.79	1.01	0	0	0	127.66	203.16	207.82
47.63	151.56	25.14	125.44	72.91	1.95	0	0	0	127.81	220.15	203.21
65.25	224.02	40.24	154.28	73.45	3.86	0	3.04	0.1	124.31	250.27	191.96
66.4	203.85	40.12	158.64	79.59	4.59	0	3.87	0.08	122.17	273.85	186.08
70.01	202.16	36.05	166.53	78.4	3.9	0	6.09	0.48	121.93	278.46	184.55
75.84	227.11	41.21	159.11	77.74	3.52	0	5.1	0.23	121.97	282.68	181.78
77.33	235.16	45.06	169.18	78.83	4.52	0	3.64	0.08	124.51	281.64	180.43
80.34	261.63	47.11	175.06	80.12	3.85	0	4.8	0.47	123.06	285.62	176.28
87.35	253.95	29.84	178.16	80.33	6.16	0	5.11	1.11	123.52	276.16	179.35
88.45	276.14	28.18	174.29	82.36	5.86	0	4.74	0.28	123.27	231.74	184.23
88.97	280.37	30.48	182.38	82.29	6.48	0	4.9	0.82	117.73	234.55	187.82
74.88	250.22	22.76	193.12	85.29	9.38	0	3.29	0.09	121.71	266.77	197.84
62.86	252.29	27.39	197.84	91.97	8.5	0	3.35	0	120.17	224.7	199.08
63.95	240.77	25.43	199.63	92.19	8.7	0	3.34	0	120.61	237.2	202.48
53.9726	70.57534	19.36986	198.7123	91.26027	6.90411	0	0.410959	1.315068	128.5753	231.726	191.2603
62	73.64384	21.06849	199.5616	86.54795	6.657534	0	1.424658	1.808219	129.589	235.3973	209.4795
55.78082	75.39726	18.13699	197.8904	88.71233	7.534247	0	1.287671	1.39726	125.1233	227.6438	191.8082
57.34247	81.45205	21.23288	198.1096	78.87671	7.534247	0	1.315068	1.452055	124.7123	270.7397	208.4384
69.6	28.94	0	7.9	17.57	0.81	0	0	0	56.54	466.69	86.23
69.2	28.42	0	7.84	17.47	0.8	0	0	0	65.93	500.29	84.24
79.41	27.65	0	7.81	18.76	0.77	0	0	0	62.4	500.27	78.29
83.59	37.46	0	7.84	19.66	0.76	0	0	0	61.39	497.7	94.11
76.21	33.12	0	7.59	15.97	0.74	0	0	0	69.78	489.78	97.29
70.5	32.04	0	7.55	26.36	0.71	0	0	0	68.01	483.31	65.44
66.17	20.54	0	7.38	18.01	0.71	0	0	0	64.1	465.6	94.42
67.99	22.6	0	7.17	19.42	0.72	0	0	0	69.55	502.28	92.37

71	21.69	0	7.19	17.21	0.68	0	0	0	71.62	491.59	100.53
77.55	23.36	0	7.09	12.56	0.88	0	0	0	76.17	484.06	92.39
78.65	22.46	0	6.99	12.66	0.82	0	0	0	71.51	514.68	86.76
81.9	25.37	0	7.08	16.02	0.82	0	0	0	74.52	516.42	84.05
70.78	24.88	0	6.99	27.05	1.06	0	0	0	61.63	496.72	88.41
72.27	22.81	0	6.94	20.11	0.82	0	0	0	67.88	468.74	104.19
93.6	29.18	0	6.89	10.94	0.81	0	0	0	67.74	551.6	116.95
79.41	27.01	8.65	12.96	15.38	0.78	0	0.14	0	68.07	566.47	117.32
104.66	34.94	7.59	21.54	17.57	0.79	0	0	0	66.75	573.53	95.81
105.9	39.71	9.43	23.66	18.37	0.79	0	0	0	67.52	558.04	105.35
97.91	40	8.27	21	14.65	0.69	0	0	0	67.01	563.82	108.37
90.6	44.05	5.33	27.08	30.8	0.74	0	0	0	67.72	600.24	90.76
84.8	38.51	6.16	26.13	36.03	0.76	0	0	0	73.46	565.86	83.54
99.06	30.77	4.94	27.94	31.19	0.68	0	0.52	0	65.11	593.44	103.98
81.6	28.36	4.97	24.99	28.26	0.74	0	1.66	0	67.75	606.88	119.57
102.64	30.29	4.14	21.85	28.32	0.62	0	0	0	58.27	583.53	118.51
160.88	51.36	3.76	24.3	32	0.15	0	0.21	0.91	65.54	580.9	112.49
132.46	35.67	4.59	31.04	36.35	1.2	0	0	0	64.01	575.76	106.4
152.32	65.98	5.69	33.27	24.16	1.33	0	0.6	1.51	63.27	571.56	85.16
139.42	69.8	7.66	32.5	41.95	1.53	0	0.6	1.51	61.3	571.47	83.4
148.23	64.54	7.61	33.82	41.69	1.94	0	0.6	1.51	67.13	542.92	83.17
160.49	47.8	16.43	36.73	39.95	1.18	0	0.76	0.15	60.64	405.63	87.27
154.9	51.66	7.52	43.17	82.36	1.49	0	0.59	1.28	75.72	319.31	101.72
143.7	75.81	8.25	49.17	94.93	1.14	0	0	1.38	61.94	165.14	103.88
133.12	82.79	7.05	68.95	67.4	1.35	0	0	0.41	68.16	118.29	91.73
133.93	76.58	11.35	67.39	99.9	1.38	0	0	1.08	64.96	90.98	109.38
137.35	72.77	8.86	51.44	130.08	0.96	0	0	0.54	61.53	90.06	75.3
136.12	81.55	10.09	58.88	77.44	1.93	0	0.32	0.45	65.88	141.64	96.41
130.85	78.18	9.56	23.85	94.23	1.46	0	0	1.12	60.15	244.64	88.89
141.32	71.17	9.82	47.84	83.43	1.65	0	0	0.32	65.52	264.43	89.01
130.45	72.24	8.97	61.39	106.09	1.48	0	0.02	0.58	71.19	292.18	83.92
141.34	82.39	15.89	67.76	69.62	1.56	0	0.02	0.8	71.33	294.25	130.54
155.48	78.96	16.19	68.6	61.7	1.55	0	0	0.52	69.92	293.38	136.17
150.4	70.24	16.21	66.47	52.37	1.79	0	0	0.42	68.89	321.81	147.11
129.2	69.02	18.22	94.37	51.33	1.75	0	0	0.74	71.56	331.06	144.69
127.07	80.73	22.52	76.39	39.12	1.81	0	0.57	0.46	80.46	348.05	156.45
124.81	77.89	22.82	111.77	34.27	1.81	0	0.08	0.25	84.89	348.97	144.93
132.48	68.74	22.88	80.94	40.45	1.92	0	0	0.14	85.38	327.06	145.78
130.39	72.22	25.4	102.09	33.41	1.97	0	0	0.11	85.41	364.47	150.47
129.23	75.21	23.58	109.39	31.74	1.9	0	0.19	0.42	101.73	347.57	155.51
122.51	95.3	29.78	112.01	31.91	1.72	0	0.56	0.85	77.79	367.34	147.29
111.59	98.4	27.91	140.64	31.68	1.66	0	1.25	1.11	79.37	361.25	147.66
103.33	70.4	17.27	154.93	32.38	1.67	0	1.54	0.96	83.05	349.13	153.11
110.81	137.55	25.16	186.05	24.27	2.71	0	1.02	1.94	81.16	368.19	164.03
111.98	147.7	21.98	174.81	16.51	2.96	0	0.92	1.84	89.69	360.31	168.25
101.4521	75.31507	17.69863	171.8082	36.71233	2.547945	0	0.684932	4.739726	94.19178	350.0822	122.8493
98.10959	82.79452	16.57534	173.7808	36.87671	2.630137	0	0.465753	4.794521	94.24658	347.6438	124.0548
95.36986	98.05479	17.75342	178.3288	37.83562	2.739726	0	0.767123	4.931507	95.89041	358.9315	123.589
93.75342	89.72603	16.76712	177.4521	42.54795	2.630137	0	0.684932	6.191781	95.20548	345.4247	122.5479

14.76	47.46	24.03	1.56	69.5	0.3	0	0	0	36.96	289.69	83.6
16.24	47.92	24.27	1.67	58.13	0.3	0	0	0	37.54	294.86	73.37
17.22	48.55	25.21	1.76	58.13	0.3	0	0	0	37.54	298.75	85.2
13.06	64.7	23.76	1.8	45.68	0.43	0	0	0	38.98	299.29	79.73
12.2	63.24	26.05	1.9	44.47	0.63	0	0.34	0	34.83	306.8	95.48
13.16	71.72	22.79	2.03	48.15	0.46	0	0	0	39	302.71	94.73
15.34	66.37	25.46	2.05	45.81	0.48	0	0.2	0	38.53	301.82	127.02
15.17	74.24	22.74	2.07	45.28	0.59	0	0.35	0	38.59	311.98	124.16
15.89	57.66	22.56	2.09	44.52	0.72	0	0.23	0	35.15	308.86	106.37
12.83	59.76	24.25	2.22	61.94	0.59	0	0	0	41.29	306.18	77.56
16.52	76.66	23.83	2.24	54.58	0.5	0	0.25	0	41.22	323.32	90.21
13.04	54.02	20.51	2.25	42.89	0.49	0	0.21	0	44.3	316.66	99.72
14.87	50.87	19.63	2.5	58.37	0.17	0	0	0	47.55	325.47	113.96
6.47	51.58	16.07	2.6	51.38	0.17	0	0	0	35.13	331.14	84.75
8.75	51.97	7.2	2.67	54.53	0.17	0	0	0	27.61	370.68	77.48
12.43	54.29	12.25	2.93	42.9	0.16	0	0	0	42.48	356.17	72.12
8.84	66.05	10.77	2.96	45.82	0.16	0	0	0	48.25	349.08	123.03
7.76	72.63	10.99	3.38	49.65	0.15	0	0	0	48.4	329.07	131.24
6.32	69.4	10.63	3.77	60.01	0.15	0	0	0	45.27	321.11	99.22
13.44	79.15	5.48	4.38	63.91	0.14	0	0	0	41.18	255.23	80.39
10.33	45.71	0	4.77	71.29	0.14	0	0	0	31.12	252.5	150.64
14.43	72.76	0	5.15	69.93	0.14	0	0	0	30.5	247.41	137.02
9.86	45.57	0	5.05	56.83	0.14	0	0	0	31.37	218.09	168.9
11.01	41.8	0	5	91.19	0.13	0	0	0	29.6	179.69	118.3
9.8	49.72	0	4.9	89.41	0.13	0	0	0	34.19	137.17	114.1
12.17	32.29	0.97	4.76	91.9	0.13	0	0	0	30.99	133.43	113.03
10.49	99.81	0.7	4.68	80.08	0.13	0	0	0	30.43	128.65	115.06
7.07	108.85	1.61	4.55	79.28	0.12	0	0	0	30.6	124.73	130.25
8.41	82.21	1.14	4.43	82.19	0.12	0	0	0	32.73	127.79	177.75
6.43	27.52	1.12	4.31	72.68	0.19	0	0	0	43.78	136.54	160.29
8.39	73.73	0.64	6.76	75.09	0.23	0	0	0	42.67	124.88	164.2
7.9	27.68	3.39	8.58	70.3	0.76	0	0	0	41.54	263.79	161.7
7.2	39.82	2.48	8.57	66.97	0.85	0	0	0	42	257.78	160.87
8.91	36.49	1.03	8.8	76.63	0.94	0	0	0	44.38	270.23	142.1
9.34	30.56	1.39	9.02	79.73	0.84	0	0	0	42.61	263.34	120.71
10.5	40.57	1.78	9.24	73.62	0.85	0	0	0	45.52	357.11	123.67
6.97	40.58	1.94	9.51	75.36	0.94	0	0	0	39.03	391.71	97.99
8.69	27.28	1.15	9.71	78.16	0.91	0	0	0	36.73	415.72	133.9
12.53	39.7	2.08	9.98	71.77	0.86	0	0	0	38.94	424.42	135.25
10.64	40.13	1.7	11.75	72.65	0.93	0	0	0	42.56	445.9	138.51
10.51	38.51	1.76	12.12	60.91	1.04	0	0	0	48.55	438.46	140.24
14.34	40.84	2.15	12.9	60.08	1.05	0	0	0	53.17	449.33	137.36
13.94	76.31	2.88	25.43	60.91	1.1	0	0	0	52.14	453.55	136.75
12.51	80.45	3.18	22.26	62.9	1.44	0	0	0	56.93	459.72	132.43
14.74	77.78	4.3	22.76	61.84	0.99	0	0	0	56.91	455.25	135.19
18.59	78.02	3.39	18.04	61.75	1.12	0	0	0	58.51	408.56	136.26
15.8	82.17	2.68	22.12	60.37	1.15	0	0	0	59.56	386.58	137.79
15.04	71.92	3.36	24.55	59.78	1.11	0	0	0	59.23	355.67	140.71
23.26	77.92	4.2	23.4	59.98	0.94	0	0.32	0	60.48	344.56	144.35

25.98	54.49	4.28	29.72	65.13	1.1	0	0	0	62.12	302.01	146.65
27.47	53.15	5.73	23.59	67.03	0.82	0	0	0	62.54	130.51	142.87
17.46	66.18	5.87	24.38	109.04	1.01	0	0.11	0	35.81	126.39	147.06
19.26	62.55	5.46	25.31	96.02	0.98	0	0.76	0	50.52	125.07	151.69
16.46575	24.90411	4.958904	26.16438	94.38356	0.958904	0	0.082192	0.027397	86.9863	104.2466	110.5479
16.10959	18.49315	5.150685	26.9863	94.08219	0.986301	0	0.027397	0	87.39726	112.7397	116.0274
16.43836	18.82192	4.630137	26.43836	93.75342	0.986301	0	0.027397	0.027397	88.08219	103.0137	117.6438
15.23288	17.34247	4.794521	25.94521	98.46575	0.986301	0	0.082192	0.027397	87.28767	105.7534	116.8493
26.98	76.9	3.28	2.15	65.22	0.88	0	2.02	0	18.22	229.46	102.35
26.43	79.23	3.65	2.14	65.5	1.31	0	2.04	0	17.84	234.23	103.86
25.94	83.94	4.27	2.22	65.57	1.01	0	2.14	0	27.31	231.84	113.77
25.45	88.71	4.28	2.57	65.56	1.14	0	2.33	0	29.94	235.37	113.35
25.01	88.93	4.8	2.86	65.49	1.17	0	2.59	0	32.35	249.3	119.96
24.55	102.72	5.23	3.76	65.35	1.52	0	2.26	0	33.08	272.86	124.1
24.65	106.35	5.81	4.6	65.12	1.71	0	2.48	0	32.83	239.58	125.61
25.57	120.84	6.11	5.97	65.22	1.37	0	2.39	0	37.12	233.15	121.42
25.76	120.24	6.2	6.51	64.65	1.5	0	2.41	0	40.85	220.4	122.02
25.93	113.48	6.34	6.49	63.87	1.63	0	2.32	0	45.49	237.4	126.17
27.79	121.79	6.3	6.68	62.89	2.25	0	2.68	0	47.25	679.58	129.75
28.37	126.82	6.74	7.61	61.59	2.21	0	1.85	0	51.12	297.26	145.06
29.7	125.89	6.46	8.24	60.92	2.82	0	1.53	0	35.11	171.76	163.61
38.28	135.96	9.32	11.67	61.66	3.04	0	2.15	0	39.18	297.51	158.82
36.91	122.84	7.67	19.07	69.31	2.25	0	2.41	0	44.57	339.74	168.34
38.28	152.8	11.56	32.21	76.15	2.65	0	2.84	0	45.35	278.57	176.76
41.37	208.99	13.6	41.89	69.02	3.08	0	2.4	0	30.98	324.69	220.83
42.28	240.21	15.9	43.48	74.56	4.12	0	3.15	0	46.89	278.43	229.7
49.12	292.61	30.55	50.8	90.74	5.49	0	4.03	0	61.45	335.43	240.24
50.58	313.49	17.97	65.41	91.14	4.24	0	3.6	0	114.11	335.51	240.09
52.04	284.66	20.13	62.91	97.87	4.18	0	5.02	0	114.7	278.38	247.56
50.5	288.9	20.36	72.81	105.61	4.83	0	4.9	0	104.72	411.36	222.31
57.12	288.18	24.51	81.13	99.12	5.25	0	2.5	0	87.49	379.74	233.44
56.35	330.19	22.57	64.78	91.07	5.77	0	2.74	0	83.14	432.53	208.72
52.7	273.9	14.49	67.48	84.28	5.29	0	2.56	0	75.36	396.25	256.56
50.49	282.41	10.61	79.19	76.65	4.98	0	2.01	0	71.55	344.89	218.77
47.25	290.49	13.27	82.97	66.76	5.19	0	2.01	0	74.89	428.06	204.81
44.99	293.6	24.26	82.73	71.16	5.41	0	1.81	0	76.43	425.77	244.1
41.51	265.44	26.42	75.75	50.14	4.19	0	2.06	0	75.94	423.46	269.04
45.95	274.61	28.18	80.29	48.46	5.25	0	2.01	0	74.41	451.9	285.19
47.94	237.88	31.68	85.89	47.43	4.96	0	2.63	0.16	75.27	354.47	348.45
48.05	149.55	30.53	75.06	74.98	4.24	0	2.37	0.08	77.68	372.43	304.45
40.84	138.91	35.38	69.35	72.81	3.8	0	1.99	0.13	76.08	374.13	240.54
42.9	142.5	40.8	64.93	72.39	3.14	0	1.99	0.08	74.63	364.73	240.29
49.43	194.34	55.49	83.37	72.66	4.58	0	2.16	0.07	77.18	393.41	202.95
49.49	261.31	46	79.66	84.35	4.51	0	1.82	0.09	78.86	381.21	226.49
47.33	219.63	42.16	88.67	86.33	4.68	0	2.14	0.08	80.24	374.59	256.88
48.51	207.98	50.63	97.77	98.18	5.17	0	2.41	0.08	80.03	371.56	263.16
44.36	271.9	55.41	108.76	104.36	2.58	0	2.19	0.07	82.1	281.64	263
48.77	239.42	56.33	107.56	108.07	4.81	0	3.1	0.12	84.52	269.37	220.26
41.81	240.02	51.96	106.3	88.96	4.61	0	3.23	0.12	85.17	296.51	240.19



41.98	222.56	43.07	99.48	83.78	5	0	3.41	0.07	84.22	309.1	260.6
43.91	245.51	37.16	102.46	81.6	5.63	0	3.83	0.02	86	301.37	251.07
43.59	262.09	46.28	95.94	88.17	5.81	0	3.43	0.01	84.87	317.17	245.03
44.67	251.81	49.28	108.26	88.64	6.35	0	3.13	0.06	88.62	300.23	250.55
44.17	226.89	55.84	102.64	94.83	6.64	0	4.06	0.07	89.43	301.47	236.53
45.93	211.77	58.11	106.05	91.08	7	0	3.97	0.09	87.85	289.86	254.53
38.27	214.33	37.93	108.15	99.95	5.06	0	4.33	0.09	88.76	277.78	246.87
41.74	221.71	36.66	114.51	102.74	2.21	0	4.24	0.08	92.2	276.9	244.9
47.06	225.43	28.43	124.56	100.9	7.6	0	4.87	0.1	90.73	271.79	246.7
47.6	283.51	31.08	121.43	99.34	8.79	0	5.7	0.11	88.78	268.87	237.02
48.25	291.7	36.85	119.35	100.14	9.3	0	6.99	0.15	87.99	288.45	244.83
50.6	240.76	63.68	134.39	98.7	8.9	0	7.89	0.14	87.74	299.32	245.14
39.80822	176.3288	35.67123	121.5616	142.3562	8.575342	0	3.671233	0.383562	80.24658	184.2192	259.8082
39.75342	192.0548	36.24658	122.3836	161.726	8.273973	0	3.863014	0.383562	85.56164	186.6301	256.4384
31.36986	191.3425	35.47945	121.1233	144.9589	7.232877	0	4.164384	0.383562	88.08219	178.0274	258.9863
34.10959	186.0548	42.79452	118.7945	139.9178	7.123288	0	3.69863	0.30137	85.56164	183.2603	263.9452
40.8	78.01	9.58	1.18	131.06	0.2	0	12.74	0	54.61	117.73	44.75
41.2	79.14	9.48	2.32	128.28	0.18	0	16.62	0	56.54	124.13	27.83
42.72	88.38	12.01	2.21	124.53	0.23	0	25.14	0	55.62	132.62	37.13
44.51	87.47	11.43	2.35	182.75	0.26	0	18.5	0	58.13	135.28	29.81
45.18	86.31	10.74	2.2	187.62	0.78	0	15.7	0	54.1	125.61	26.61
46.26	91.07	8.83	2.82	156.49	0.24	0	14.99	0	51.6	112.33	38.12
49.63	84.39	9.33	2.88	161.6	0.26	0	13.67	0	44.02	113.09	37.77
48.88	87.26	10.71	2.95	154.88	0.24	0	13.38	0	44.87	110.25	28.87
48.37	89.98	10.2	3.07	139.36	0.31	0	19.41	0	40.23	113.2	48.39
44.55	88.23	8.73	3.08	125.11	0.21	0	11.03	0	48.23	114.34	53.9
40.54	87.76	7.02	3.19	133.01	0.31	0	12.24	0	50.66	116.95	62.16
39.67	70.23	8.9	3.33	128.29	0.29	0	10.13	0	54.11	115.31	59.76
37.17	90.5	7.99	3.43	132.5	0.22	0	10.03	0	49.94	119.68	67.78
31.4	81.45	7.42	3.54	127.48	0.16	0	10.18	0	39.45	120.93	42.93
32.07	89.4	8.52	3.61	121.15	0.11	0	3.24	0	46.39	115.94	52.85
32.41	86.5	5.65	3.84	160.1	0.25	0	7.46	0	50.88	109.04	62.44
33.28	121.34	5.19	4.66	152.13	0.21	0	6.14	0	50.22	108.34	58.28
34.59	109.79	7.92	4.15	148.6	0.21	0	5.39	0	40.44	124.85	57.28
34.7	104.75	7.92	4.3	201.98	0.26	0	6.39	0	49.04	119.34	53.56
30.05	97.16	8.39	4.5	175.78	0.27	0	4.89	0	41.22	99.26	54.26
34.19	100.45	8.06	4.59	192.28	0.33	0	4.03	0	46.23	104.48	57.6
33.77	102.84	3.75	4.89	196.02	0.19	0	4.1	0	48.8	111.64	55.23
33.13	129.12	8.94	4.28	176.11	0.1	0	4.63	0.1	44.04	100.6	51.68
31.48	140.43	8.93	4.44	194.71	0.24	0	1.03	0.05	46.58	117.92	53.81
32.59	102.5	6.16	4.62	179.47	0.1	0	3.78	0	29.59	118.36	51.95
34.81	118.22	7.14	5.58	187.7	0.13	0	3.73	0	34.05	103.23	51.12
35.43	130.15	9.49	5.8	151.83	0.19	0	3.89	0	31.95	98.56	46.93
34.03	113.73	9.8	5.86	159.87	0.16	0	4.08	0	27.84	100.2	57.02
33.96	104.58	8.41	5.19	173.63	0.31	0	3.44	0	33.18	113.7	62.24
34.02	104.66	7.82	5.07	178.84	0.49	0	3.36	0	44.47	123.81	73.46
34.68	110.43	7.42	6.34	173.13	0.49	0	2.95	0	42.2	112.6	71.64
32.91	128.24	7.35	5.68	161.3	0.76	0	2.85	0	37.14	111.7	66.07
32.72	128.47	7.28	5.21	163.35	0.52	0	1.67	0	37.16	102.94	59.79

31.89	87.45	6.64	5.1	140.97	0.34	0	2.03	0	47.89	103.39	63.7
31.12	77.12	5.6	5.58	164.14	0.32	0	1.99	0	49.32	139.51	64.39
30.61	80.29	4.62	5.05	172.35	0.28	0	1.99	0	48.49	147.32	59.54
29.95	80.28	6.69	5.69	168.89	0.11	0	2.56	0	52.59	154.15	61.18
29.28	79.14	6.62	5.88	178.9	0.05	0	1.99	0	41.91	156.97	66.22
29.87	75.45	6	6.23	191.97	0.08	0	1.96	0	39.97	169.57	68.58
30.9	67.36	8.58	6.59	200.57	0.1	0	2.14	0	32.18	157.16	66.86
31.59	62.94	8.56	7.7	176.98	0.21	0	2.8	0	41.03	157.88	77.6
29.74	58.46	9.06	8.5	194.87	0.36	0	2.52	0	35.8	164.69	78.7
28.58	72.79	9.76	9.61	198.92	0.42	0	5.01	0	35.91	210	77.11
28.51	76.85	11.33	9.94	193.25	0.49	0	9.17	0	31.34	182.29	82.77
30.4	77.3	14.49	9.87	190.69	0.64	0	6.29	0	32.78	177.32	82.91
32.63	86.35	15.7	7.5	183.91	0.48	0	5.81	0	43.92	178.26	84.12
29.84	73.34	16.44	8.61	201.41	0.26	0	4.14	0	42.94	183.12	91.2
31.28	78.48	16.12	9.51	201.71	0.48	0	4.36	0	37.81	194.6	79.82
32.2	105.65	18.95	8.66	189.08	0.45	0	5.04	0	41.95	194.11	93.03
31.78	84.62	17.42	9.66	192.19	0.26	0	4.3	2.54	43.57	202.81	90.67
32.79	65.77	17.38	11.54	192.86	0.32	0	4.68	1.13	43.97	183.21	90.08
35.41	66.16	20.03	11.39	194.82	0.28	0	2.88	0.01	46.13	186.87	100.59
35.3	46.58	15.06	12.65	198.05	0.33	0	2.46	0	49.99	179.07	102.24
31.36986	29.34247	18.08219	12.19178	336.0548	0.465753	0	3.863014	0.109589	38.0274	185.4521	106.137
30.13699	29.50685	20.16438	12.19178	342.7397	0.465753	0	2.90411	0.082192	39.31507	210.274	107.0411
28.90411	30.08219	18.19178	12.54795	328	0.465753	0	2.575342	0.520548	44.13699	208.8493	110.7671
30.60274	30.41096	18.46575	13.0411	339.3151	0.931507	0	3.342466	0.109589	50.38356	212.6849	110.1918
112.32	419.77	106.51	20.78	3.7	0.19	0	8.18	0.01	84.72	338.23	288.12
125.15	431.06	99.87	19.13	3.6	0.29	0	8.56	0.01	87.83	283.15	282.35
124.45	434.9	102.9	21.34	3.38	0.21	0	8.61	0.01	70.43	327.41	282.52
124.47	404.61	106.38	22.82	3.71	0.22	0	8.69	0.01	84.72	326.6	277.51
129.35	409.11	107.23	24.21	3.58	0.18	0	7.7	0.01	66.7	330.85	294.04
127	403.63	108.49	30.13	3.92	0.2	0	8.84	0.01	79.18	319.86	284.31
134.49	413.63	109.33	28.97	3.66	0.36	0	5.74	0.01	75.63	253.39	309.96
142.69	408.02	110.29	29.15	3.33	0.36	0	7.48	0.01	77.1	293.75	290.08
133.7808	452.6027	115.5616	31.31507	4	0.219178	0	6.630137	0.027397	81.78082	264.1096	303.8904
128.3288	461.0411	115.6712	28.79452	3.150685	0.164384	0	6.273973	0.027397	81.9726	296.5479	303.5342
130.4932	459.1233	116.0274	24.76712	2.493151	0.246575	0	4.739726	0.027397	82.24658	308.1644	299.1233
128.4384	477.863	102.411	27.83562	2.246575	0.273973	0	5.616438	0.027397	82.68493	303.9726	301.863
232.94	444.85	94.35	29.18	0.07	0.25	0	5.75	0	58.74	264.54	304.54
216.31	431.71	84.15	25.08	1.79	0	0	5.9	0	57.16	237.11	333.14
217.77	454.63	73.62	23.74	1.41	0	0	5.31	0	62.7	259.5	257.56
242.55	455.16	98.52	27.03	0.53	0.01	0	4.79	0	55.09	306.46	277.96
251.37	462.15	106.07	29.39	4.91	0.16	0	6.99	0	62.97	315.94	278.04
231.31	475.73	103.61	32.57	4.25	0.16	0	6.92	0	72.22	339.04	271.71
232.28	505.57	106.99	27.99	2.84	0.18	0	4.79	0	59.07	341.35	249.81
231.02	444.57	93.46	26.32	2.43	0.02	0	5.73	0	68.79	280.04	237.4
227.5	426.37	94.06	23.98	1.32	0.11	0	6.38	0	64.92	251.54	218.54
205.27	430.84	127.8	23.97	2.46	0.15	0	4.63	0	67.56	274.17	185.77
223.46	436.84	128.55	25.73	3.18	0.11	0	3.69	0	66.83	328.9	179.51
211.61	440.67	104.22	23.99	1.92	0.07	0	7.95	0	84.2	292.39	182.02
203.44	437.2	131.14	23.81	2.43	0.04	0	7.2	0	79.76	352.94	172.56

209.77	444.76	131.43	24.68	1.02	0.03	0	7	0	92.67	339.33	170.82
11.85	23.11	1.25	2.2	178.77	0.07	0	5.54	0	22.76	225.04	18.99
11.96	27.2	1.11	2.28	185.18	0.05	0	6.03	0	23.12	220.65	24.18
12.25	30.75	1.13	2.41	219.88	0.06	0	6.04	0	20.92	211.42	21.39
13.09	31.38	1.21	2.55	216.3	0.09	0	5.49	0	20.03	209.88	23.94
13.34	33.67	1.09	2.69	256.87	0.07	0	5.83	0	23.89	203.1	23.76
13.66	37.05	0.94	2.84	284.42	0.04	0	5.27	0	25.68	196.53	27.98
13	35.31	1.05	2.92	293.25	0.08	0	5.55	0	25.42	192.1	28.8
12.98	34.49	1.23	2.93	298.62	0.06	0	5.15	0	24.84	187.94	27.67
13.17	37.69	1.26	2.91	285.72	0.23	0	5.3	0	27.72	187.8	29.51
12.62	40.72	1.08	2.9	285.51	0.29	0	5.52	0	27.11	182.61	30.3
12.14	37.76	1.35	2.92	288.08	0.24	0	5.07	0	28.34	181.18	31.65
12.16	32.66	3.01	3.05	290.22	0.24	0	4.75	0	27.26	176.11	33.24
12.31	31.47	4.65	3.26	296.79	0.26	0	4.17	0	25.14	171.07	33
11.86	27.11	1.12	3.37	295.06	0.26	0	4.92	0	19.38	165.6	34.23
11.77	27.87	0.78	3.56	292.09	0.24	0	4.55	0	18.38	159.13	32.72
11.44	31.44	0.43	3.78	288.39	0.24	0	5.05	0	20.18	152.21	28.53
11.35	26.38	0.61	3.93	292.71	0.25	0	5.02	0	19.45	151.77	30.39
11.98	28.34	1.09	4.64	292.6	0.28	0	4.46	0	19.68	153.32	26.29
12.68	36.26	0.75	4.43	289.27	0.29	0	5.42	0	22.11	146.43	29.81
11.12	49.37	0.86	4.76	283.85	0.29	0	5.3	0	19.14	148.52	16.21
11.01	47.87	0.84	4.98	276.87	0.26	0	5	0	18.36	146.14	19.61
11.04	36.83	0.77	5.17	265.74	0.2	0	4.41	0	20.04	153.48	31.71
11.08	24.45	0.58	4.9	261.78	0.23	0	5.27	0	16.1	151.09	19.92
9.89	31.52	0.47	4.72	255.85	0.16	0	5.38	0	14.83	141.9	16.99
9.9	20.06	0.74	4.93	257.07	0.21	0	4.76	0	15.79	147.13	19.32
9.75	20.84	0.54	5.18	255.71	0.21	0	3.65	0	13.53	140.56	21.81
9.02	30.51	0.5	5.69	255.12	0.21	0	3.46	0	14.22	138.49	29.03
8.95	23.66	0.7	5.63	259.34	0.15	0	3.38	0	15.38	135.01	22.47
9.1	21.02	0.55	5.74	259.16	0.15	0	3.43	0	13.57	132.61	29.8
9.21	20.04	0.51	6.01	264.88	0.15	0	3.59	0	13.38	129.57	23.7
9.51	21.9	0.53	5.95	266.52	0.08	0	3.78	0	14.13	131.1	25.14
9.96	16.58	0.65	6.02	268.53	0.1	0	2.38	0	14.35	135.39	26.62
10.61	23.78	0.82	6.08	271.33	0.1	0	3.95	0	14.51	130.25	23.66
11.04	22.26	0.69	6.14	275.22	0.1	0	4.45	0	14.07	137.43	32.44
10.77	18.44	0.59	6.16	273.68	0.16	0	3.95	0	12.19	134.93	34.81
9.5	12.33	0.38	6.53	272.23	0.17	0	4.29	0	10.43	168.87	38.34
9.51	10.41	0.24	6.49	271.62	0.17	0	5.7	0	9.51	172.63	40.32
9.49	10.36	0.29	6.43	270.81	0.19	0	5.97	0	14.68	131.48	42.03
9.44	7.23	0.34	6.38	270.23	0.34	0	4.94	0	14.14	133.78	41.27
10.33	7.8	0.44	4.42	264.26	0.4	0	4.41	0	14.15	119.2	41.79
7.44	5.84	0.81	1.3	254.83	0.44	0	4.48	0	13.53	137.53	38.97
8.07	13.84	1.33	7.06	247.3	0.49	0	4.41	0	13.98	135.96	38.13
9.78	12.18	0.81	5.03	234.9	0.46	0	4.47	0	15.66	139.48	46.08
10.44	13.82	0.73	4.23	219.59	0.46	0	4.56	0	14.95	145.3	41.96
11.49	12.54	0.53	3.53	222.87	0.49	0	4.49	0	14.64	140.65	40.55
13	15.64	0.26	4.16	229.47	0.53	0	4.77	0	18.47	135.39	39.7
13.13	15.4	0.4	6.28	257.49	0.67	0	4.49	0	18.35	139.05	35.17
13.52	13.79	0.46	7.53	256.29	0.61	0	4.55	0	18.28	142.37	34.43

14.12	15.44	0.57	8.31	257.67	0.64	0	4.64	0	18.25	144.73	30.27
14.91	15.81	0.7	9.97	269.98	0.6	0	4.88	0	10.4	175.54	30.87
15.74	18.33	0.78	11.28	270.57	0.56	0	5.49	0	15.59	165.63	32.67
16.87	21.55	1.04	15.93	279.94	0.55	0	4.15	0	14.59	166.58	25.96
17.64	19.19	0.87	13.62	283	0.57	0	3.85	0	16.49	167.33	23.9
14.79452	63.50685	0.849315	10.32877	519.4247	0.520548	0	3.69863	0	17.12329	135.8904	20.16438
15.09589	65.28767	0.767123	12.65753	505.0959	0.465753	0	3.890411	0	20.38356	136.137	23.06849
13.89041	63.94521	0.712329	11.91781	528.4384	0.493151	0	3.890411	0	20.38356	135.7808	18.32877
14.19178	62.46575	0.684932	10.87671	510.2192	0.493151	0	3.835616	0	18.19178	139.8082	35.31507
189.89	472.46	345.03	18.78	15.17	0.74	0	4.96	0.01	94.34	204.1	234.08
175.33	398.01	184.49	18.65	9.26	1.15	0	5	0.03	97.58	188.36	351.09
168.57	389.72	207.87	16.2	12.53	0.36	0	4.14	0.02	116.69	181.22	277.19
172.23	363.29	220.15	26.73	14.22	0.66	0	4.45	0.03	117.06	208.68	293.12
176.93	367.96	223.86	22.68	13.92	0.5	0	3.67	0.03	118.35	234.79	285
167.72	406.69	214.32	21.79	15.37	0.53	0	5.4	0.04	110.64	252.4	287.17
160.56	367.64	213.7	31.57	14.95	0.54	0	3.69	0.05	99.2	288.72	296.03
131.69	325.08	197.58	34.53	14.91	0.68	0	3.15	0.05	99.6	226.19	310.38
123.71	349.83	186.47	34.2	13.7	0.7	0	3.49	0.06	89.6	211.33	308.44
126.16	342.53	215.26	50.03	15.6	0.67	0	4.31	0.05	87.26	186.59	301.98
135.34	315.37	197.77	51.33	15.51	0.74	0	5.08	0.06	86.14	201.29	310.57
125.96	292.16	185.23	50.07	15.92	0.75	0	6.49	0.06	107.94	222.76	299.1
130.68	376.34	176.19	54.73	10.55	0.66	0	5.2	0.05	130.83	205.44	298.54
120.26	374.36	172.52	54.28	12.94	0.99	0	5.53	0.04	121.17	235.51	288.35
118.92	344.84	171.53	49.56	12.27	1.12	0	6.52	0.05	111.25	244.08	299.73
122.34	353.6	162.87	49.5	13.59	0.87	0	6.59	0.07	139.9	268.65	303.12
121.71	388.44	158.65	47.9	8.05	0.86	0	6.71	0.05	142.52	261.37	291.91
120.55	406.91	144.41	43.98	9.3	1.13	0	6.68	0.04	143.87	254.63	303.1
127.63	373.05	147.12	44.58	3.43	1.21	0	6.79	0.05	132.92	261.9	327.19
108.98	313.56	142.2	33.43	8.35	0.95	0	7.96	0.05	121.95	172.48	325.38
110.26	403.3	143	41.45	7.9	1.15	0	7.5	0.06	136.12	166.35	338.68
105.1507	410.9863	137.5068	37.12329	6.60274	1.068493	0	7.205479	0.164384	148.2192	173.589	320.8767
107.0137	381.8356	137.9178	37.36986	6.767123	1.123288	0	5.972603	0.164384	113.1781	164.4384	277.0685
125.3151	490.2466	138.411	37.9726	6.876712	1.123288	0	8.191781	0.164384	194.411	187.6164	229.6164
132.274	470.6027	138.7945	38.08219	6.739726	1.178082	0	7.013699	0.164384	208.1096	172.4384	178.9041
127.65	541	125.6	19.81	6.63	0.98	0	5.04	2.67	42.11	145.63	246.5
199.93	528.59	127.64	45.4	4.23	1.05	0	6.1	0.02	54.87	175.41	231.15
212.93	548.12	111.5	45.33	6.06	0.84	0	8.38	0.58	46.92	167.91	218.71
196.51	583.07	161.42	63.63	7.37	1.33	0	7.58	2.36	53.38	189.33	227.03
192.58	617.16	147.48	72.41	8.35	1.18	0	8.88	1.41	52.54	194.39	230.46
191.61	630.49	149.76	77.87	7.97	0.88	0	6.72	2.28	58.22	186.47	227.95
184.87	665.91	157.88	68.47	9.02	1.33	0	9.37	1.13	58.64	181.34	227.07
202.87	719.72	156.3	67.05	15.98	0.72	0	8.77	0.56	54.89	241.41	277.16
196.43	638.6	228.91	79.12	16.79	1.8	0	12.11	1.5	57.84	209.02	261.36
188.7	694.96	161.5	66.03	8.69	0.95	0	8.85	1.46	54.97	192.61	257.41
178.27	706.87	175.05	61.75	9.46	0.95	0	9.79	1.63	55.16	205.91	242.64
209.47	665.01	153.39	63.6	8.86	1	0	10.9	1.48	55.58	213.47	248.84
205.91	708.34	170.13	56.59	8.31	0.77	0	11.5	1.11	62.24	231.76	223.32
204.23	688.43	126.08	62.42	9.69	1.09	0	10.28	0.76	65.28	240.9	245.17
198.77	683.87	140.9	55.43	9.13	1.24	0	9.64	0.66	62.89	241.54	242.7

191.92	697.23	145.34	54.29	9.54	0.94	0	10.81	0.55	65.72	211.86	246.75
188.82	741.02	148.88	67	8.94	1.18	0	10.95	0.49	66.06	243.21	250.74
181.17	726.87	146.17	71.81	9.36	1.15	0	11.42	1.25	67.09	251.12	256.08
179.72	706.39	146.62	68.06	9.05	0.93	0	11.78	0.99	71.59	215.32	261.41
169.85	690.8	142.78	64.49	9.26	1.11	0	12.15	1.1	70.42	226.85	266.18
157.05	686.14	147.06	67.89	9.57	0.9	0	13.85	1.99	73.93	212.13	277.27
140.82	674.32	145.4	64.28	10.83	1.05	0	14.29	2.04	75.07	227.55	283.38
148.3836	661.863	130.9315	66.60274	10.52055	1.013699	0	10.46575	1.780822	121.7808	234	274.7671
146.5205	646.2192	123.6438	65.67123	9.342466	1.013699	0	10.65753	1.753425	124.1644	248.6027	279.9178
152.7945	646.7671	122.8767	65.94521	9.09589	0.958904	0	11.15068	1.753425	114.0274	261.8082	287.6712
151.863	668.2192	129.9452	66.87671	9.315068	0.986301	0	11.94521	0.082192	125.3151	258.4932	270.8493
56.81	127.86	22.29	8.74	87.3	0.64	0	0.52	0.17	114.16	124.67	98.42
58.83	137.95	22.37	9.24	88.96	0.67	0	0.53	0.12	120.24	128.18	110.33
60.36	148.62	20.78	9.7	91.56	0.68	0	0.54	0.12	121.26	126.55	120.84
60.87	163.54	22.16	10.2	95.13	0.73	0	0.56	0.12	120.56	131.44	104.5
57.17	168.07	19.18	10.61	90.17	0.64	0	0.57	0.11	119.36	130.11	119.99
58.16	166.79	23.47	11.59	74.97	0.69	0	0.55	0.12	120.32	135.02	120.63
58.17	187.44	23.66	12.23	74.79	0.67	0	0.6	0.18	119.99	135.53	127.88
64.74	217.63	23.89	12.76	77.19	0.68	0	0.52	0.12	122.89	126.45	127.15
63.62	211.88	21.11	13.47	83.84	0.55	0	0.58	0.11	123.95	114.94	127.8
62.13	251.76	18.9	14.72	95.23	0.63	0	0.56	0.11	121.28	112.94	125.02
61.12	244.13	19.59	15.61	102.11	0.68	0	0.61	0.11	123.7	121.97	137.88
60.56	230.77	17.29	15.72	97.77	0.6	0	0.64	0.1	123.53	119.59	132.46
57.23	234.33	16.5	16.77	98.03	0.65	0	0.76	0.11	124.97	129.38	137.75
55.01	237.5	19.18	16.92	114.22	0.8	0	0.73	0.21	128.74	148.83	137.24
53.06	223.67	20.17	21.05	107.8	0.73	0	0.89	0.23	124.88	142.74	134.92
56.95	240.34	21.39	18.97	107.91	0.69	0	0.84	0.19	128.28	143.22	139.06
60.52	233.61	23.29	20.77	103.68	0.71	0	0.84	0.21	127.53	138.64	137.56
59.24	229.9	25.49	23.1	107.17	0.75	0	0.96	0.1	131.78	144.91	137.83
54.63	243.55	25.55	24.58	106.28	0.75	0	0.88	0.09	128.46	147.09	140.62
53.91	249.64	27.63	27.75	114.07	0.9	0	0.89	0.14	132.21	158.15	146.49
52.73	260.16	30.44	28.39	111.53	0.8	0	0.91	0.16	130.85	162.39	148.72
55.08	253.26	28.79	26.54	117.06	0.84	0	0.99	0.12	138.21	151.43	141.75
54.63	249.55	24.61	27.95	118.06	0.87	0	0.99	0.09	121.43	149.58	145.03
54.88	247.89	27.49	29.95	117.81	0.87	0	1.05	0.09	121.02	153.7	145.49
55.99	248.45	29.36	29.63	120.95	0.78	0	1.15	0.09	118.83	158.19	147.6
55.45	242.92	30.99	29.87	117.21	0.83	0	1.1	0.08	118.17	154.82	147.18
54.77	249.07	26.78	30.47	109.38	0.76	0	1.1	0.08	117.91	153.05	147.93
54.88	230.02	27.32	31.58	105.75	0.75	0	1.07	0.1	107.44	155.31	147.41
55.63	231.78	27.71	33.36	114.73	0.8	0	1.14	0.1	109.37	145.34	139.32
55.58	219.7	23.8	34.07	118.84	0.79	0	1.03	0.13	102.36	129.9	132.17
50.17	221.58	25.38	35.85	117.12	0.77	0	1.05	0.1	105.77	126.53	128
49.15	192.88	30.71	30.75	115.19	0.79	0	0.91	0.16	105.4	133.3	113.4
50.65	193.18	29.04	31.44	116.1	0.82	0	0.93	0.15	105.8	124.3	108.48
49.99	192.26	26.14	30.3	119.81	0.81	0	0.94	0.11	103.29	119.57	109.94
49.08	190.64	31.94	31.21	121.35	0.87	0	0.97	0.19	106.86	127.94	111.88
49.57	184.11	36.64	35.27	124.04	0.83	0	1.02	0.25	110.22	147.76	109.67
47.8	184.25	35.84	37.94	124.08	0.79	0	1.08	0.27	113.11	148.43	111.85
49.62	191.43	27.6	41.54	122.34	0.77	0	0.96	0.32	109.66	159.76	120.3

49.87	178.7	35.61	43.64	126.92	0.85	0	1.14	0.44	115.29	198.6	112.64
50.34	177.05	37.62	44.31	129.6	0.85	0	1.1	0.52	113.04	218.38	123.01
49.17	173.48	39.42	45.77	129.47	0.96	0	1.13	0.59	114.63	223.13	121.76
50.02	176.84	37.23	47.13	141.62	1	0	1.09	0.2	109.76	221.92	125.32
48.48	165.93	36.63	46.64	128.04	1.05	0	1.11	0.2	105.87	249.65	122.63
48.1	162.68	36.88	53.31	130.82	1.04	0	1.39	0.2	111.3	233.78	117.01
50.86	165.07	36.9	53.68	136.69	1.29	0	1.47	1.49	106.07	240.68	114.56
54.01	166.57	33.21	57.95	137.52	1.25	0	1.62	2.01	102.06	234.69	120.41
59.25	166.69	24.9	58.94	134.24	1.33	0	1.55	1.07	101.77	223.45	117.03
64.39	181.61	27.88	57.92	132.36	1.26	0	1.52	4.62	98.44	222.63	121.28
63.65	182.54	33.46	62.36	136.78	1.15	0	1.45	4.14	104.92	230.07	112.62
64.2	173.08	29.55	64.43	133.65	1.16	0	1.41	3.57	101.81	206.07	119.04
62.97	175.44	28.72	61.44	138.02	1.22	0	1.59	3.96	101.57	215.68	114.62
59.95	182.68	27.71	61.21	140.87	1.38	0	1.7	4.42	101.75	212.63	115.1
62.17	188.31	25.7	63.14	141.87	1.41	0	1.76	4.49	99.5	226.48	116.14
55.45205	141.7534	22.38356	63.17808	204.5753	1.232877	0	1.260274	2.438356	107.5342	198.7397	117.2877
56.9589	141.3425	24.82192	65.31507	199.863	1.205479	0	1.232877	0.90411	107.6712	211.3425	119.2329
56.82192	151.1781	23.0137	68.0274	199.1233	1.205479	0	1.123288	3.287671	103.4795	210.6575	119.3425
57.42466	154.0274	25.39726	69.50685	189.1781	1.205479	0	1.232877	3.068493	107.3425	217.0685	124
31.65	23.81	0	2.08	52.38	0.95	0	3.94	0	17.68	291.56	39.67
30.1	23.15	0	2.06	47.95	0.96	0	3.81	0	17.14	290.12	38.19
31.95	32.1	0	2.04	46.45	0.96	0	3.7	0	14.63	288.83	40.41
35.85	53.64	0	2.06	61.62	0.97	0	4.49	0	16.5	289.83	47.67
32.69	40.62	0	2.04	44.37	0.96	0	5.1	0	18.12	294.71	50.42
37.17	32.3	0	2.02	47.79	0.95	0	4.18	0	22.05	290.69	51.07
35.58	35.73	0	2.06	25.3	0.96	0	5.35	0	21.51	290.54	100.99
39.57	49.32	0	2.25	56.94	0.97	0	0.82	0	22.74	293.96	59.49
40.1	41.32	0	2.3	57.94	0.95	0	3.13	0	22.96	293.02	57.64
44.09	44.04	1.59	2.59	55.85	1.03	0	3.03	0	21.89	291.95	70.81
42.39	39.48	1.27	2.87	54.7	1.09	0	2.99	0	26.51	292.04	51.93
43.45	42.18	1.62	3.45	61.86	1.11	0	2.9	0	22.06	290.22	54.77
40.62	48.36	1.59	3.18	62.73	1.12	0	2.82	0	22.39	292.23	51.06
47.55	37.36	1.55	3.37	60.56	1.18	0	2.72	0	23.82	286.85	49.11
41.67	31.76	0.85	2.97	67.95	1.11	0	2.61	0	15.61	284.75	42.67
40.55	38.53	0.91	2.69	72.89	1.2	0	2.47	0	18.3	282.4	42.27
40.52	36.81	0.95	2.75	78.04	1.13	0	2.41	0	22.22	280.85	52.82
41.68	36.79	1.06	3.12	78.22	1.13	0	2.4	0	22.93	281.77	60.46
39.99	44.47	0.88	3.71	72.3	1.29	0	2.31	0	28.47	283.5	64.31
42.19	44.35	0.74	3.58	79.79	1.29	0	2.25	0	22.29	283.67	65.35
38.47	39.49	1.02	3.76	91.3	1.21	0	2.19	0	23.21	284.82	50.92
46.68	36.77	1.02	3.39	92.36	1.15	0	2.06	0	21.13	284.14	56.27
39.14	33.57	1.04	2.99	86.63	1.2	0	1.98	0	24.94	282.53	58.32
43.69	35.2	1.04	2.36	81.55	1.15	0	1.92	0	30.22	284.86	77.29
44.34	31.77	0.87	2.6	94.63	1.19	0	1.85	0	24.08	285.02	76.01
39.69	39.17	1.04	2.78	103	1.06	0	1.8	0	29.58	287.27	73.02
35.82	61.44	1.52	2.24	105.26	1.1	0	1.75	0	28.39	283.61	74.85
34.54	43.78	0.76	2.36	105.83	1.11	0	1.7	0	27.51	287.75	71.81
42.88	37.06	0.3	1.39	106.55	1.09	0	1.65	0	23.4	293.27	60.51
29.5	23.21	0.29	1.53	116.98	1.14	0	1.84	0	27.24	300.39	28.84

27.63	29.11	0.49	1.38	126.28	1.43	0	2.44	0	18.92	278.08	49.76
26.87	30.15	0.23	1.44	133.26	1.17	0	1.52	0	22.15	280.11	44.38
28.62	29.28	0.39	1.57	148.99	0.87	0	1.48	0	24.12	258.56	30.37
28.11	32.86	0.89	1.68	167.31	0.77	0	1.44	0	26.44	258.45	34.33
27.76	36.65	0.25	1.98	178.48	0.66	0	1.53	0	17.61	253.99	38.21
30.41	21.02	0.49	2.32	177.78	0.59	0	1.74	0	23.33	252.8	36.38
27.36	24.49	0.35	2.57	180.15	0.84	0	1.99	0	23.26	257.82	61.52
22.11	27.04	0.46	2.04	174.97	1.13	0	2.44	0	22.41	260.69	63.09
20.93	21.99	0.39	2.25	176.29	1.23	0	1.43	0	23.45	251.62	59.45
20.32	22.78	0.13	2.31	184.54	1.23	0	1.46	0	17.86	267.67	61.37
20.64	15.62	0.08	2	173.06	1.2	0	1.47	0	17.93	275.68	56.54
26.75	19.4	1.54	2.28	169.89	1.34	0	1.52	0.15	19.48	282.63	70.26
24.75	11.49	0.25	2.1	170.15	1.37	0	1.5	0.09	22.58	289.43	67.91
25.96	16.81	0.76	2.21	164.44	1.58	0	1.57	0.15	23.05	300.11	74.25
27.52	16.95	0.64	2.51	166.5	1.42	0	1.53	0.25	28.35	300.88	72.58
29.18	27.31	0.3	3.61	167.06	1.42	0	1.53	0.23	36.91	273.1	78.96
27.89	20.51	0.36	4.27	175.08	1.41	0	1.4	0.26	22.37	286.82	68.25
27.74	13.34	0.32	5.54	174.62	1.14	0	1.43	0.2	36.47	290.09	60.21
28.6	14.43	0.67	6.39	170.03	1.17	0	1.4	0.18	29.16	294.57	63.67
26.57	17.68	0.55	6.59	168.6	1.14	0	1.37	0.19	35.79	278.38	78.13
30.22	28.09	1.28	16.45	158.16	1.35	0	1.39	0.13	24.07	278.11	105.44
29.66	30.44	0.52	7.23	180.53	1.19	0	1.38	0.15	15.51	243.93	72.48
30.43	31.83	0.47	9.16	174.69	1.32	0	1.42	0.18	13.14	241.15	69.5
21.36986	16.82192	0.520548	11.78082	253.5616	1.260274	0	1.39726	0.383562	21.0137	253.2603	80.21918
20.13699	15.34247	0.520548	13.17808	253.7808	1.260274	0	1.315068	0.356164	21.34247	251.589	81.69863
20.84932	15.12329	0.547945	14.24658	256.4932	1.260274	0	1.342466	0.356164	27.64384	246.274	83.69863
21.39726	15.83562	1.369863	12.19178	254.1918	1.315068	0	1.287671	0.575342	29.89041	234.411	71.31507
20.42	16.42	1.89	4.06	298.06	0.49	0	0.56	2.39	36.33	101.16	11.79
21.11	15.97	1.81	4.12	299.8	0.76	0	0.61	2.22	36.37	103.13	10.86
20.97	17.4	2.16	4.47	302.72	0.64	0	0.52	1.65	35.56	104.95	12.76
21.48	17.73	2.01	4.54	302.29	0.65	0	0.51	2.07	40.62	104.03	10.79
21.84	17.3	2.13	4.81	300.5	0.63	0	0.59	2.18	43.31	104.21	12.78
22.28	18.66	2.14	5.06	306.4	0.64	0	0.55	1.97	36.69	105.63	13.09
22.2	17.77	2.19	5.24	302.6	0.6	0	0.56	2.07	39.3	106.02	14.24
22.3	20.28	2.06	5.67	306.38	0.67	0	0.61	2.04	41.11	108.21	20.96
22.36	21.89	2.61	5.65	316.4	0.68	0	0.58	1.81	49.41	110.13	20.31
22.23	22.09	2.24	5.7	322.94	0.76	0	0.6	2.22	47.56	110.24	23.16
21.54	20.77	2.92	5.76	331.16	0.72	0	0.64	2.37	45.75	110.66	19.99
21.11	19.84	3.01	5.96	333.8	0.75	0	0.62	2.33	41.67	111.71	21.66
21.62	20.99	3.43	6.56	334.51	0.81	0	0.62	2.2	60.48	112.69	22.83
22.2	21.06	3.14	6.38	335.9	0.82	0	0.75	2.21	74.43	109.6	22.97
20.51	18.78	3.08	6.65	340.55	0.97	0	0.75	2.17	68.17	103.88	19.77
20.32	22.28	3.67	6.53	336.14	0.98	0	0.79	2.53	64.83	97.61	24.01
19.71	25.74	5.01	6.65	324.56	1.14	0	0.75	2.41	67.66	96.32	26.17
21.27	26.38	6.44	6.99	322.3	1.11	0	0.74	2.34	63.23	97.81	29.87
21.15	28.16	6.75	7.83	330.32	1.08	0	0.76	2.56	63.1	100.38	30.55
21.33	27.21	8.94	8.12	335.27	1.12	0	0.67	2.34	55.53	100.49	30.52
22.73	25.62	6.93	8.82	338.33	1.17	0	0.71	2.99	69.92	101.36	30.59
22.71	26.66	5.37	9.44	345.38	1.13	0	0.75	2.28	56.52	100.63	25.62

23.47	28.04	4.72	10.29	341.98	1.09	0	1.09	2.07	56.72	97.37	25.66
25.06	25.89	5.75	9.52	346.55	1.14	0	1.2	2.19	57.16	99.26	22.15
24.99	24.57	5.07	10.02	348.9	1.15	0	1.45	1.84	55.44	98.7	19.4
25.21	25	5.99	10.12	343.46	1.17	0	1.37	1.98	53.43	104.24	23.73
26.09	27.45	6.7	10.88	347.49	1.07	0	1.3	1.99	55.45	104.92	22.9
26.59	28.48	5.83	11.07	346.84	1.16	0	1.3	2.06	55.2	103.52	26.25
27.72	23.78	6.48	11.25	348.2	1.19	0	1.32	2.06	59.1	104.54	25.55
28.92	26.63	7.24	11.91	333.63	1.22	0	2.14	2.4	58.35	104.61	24.9
29.78	28.12	6.43	13.99	328.49	1.15	0	2.31	2.34	59.66	105.13	33.74
31.28	30.2	7.46	15.75	331.5	0.98	0	2.3	2.79	62.17	109.41	34.63
32.47	29.8	7.77	16.77	334.16	1.08	0	2.52	2.67	62.68	112.02	35.32
33.69	35.61	9.01	17.22	332.95	1.19	0	2.78	2.8	66.2	115.89	40.66
33.25	38.69	9.3	17.72	336.11	1.3	0	3.3	2.58	72.2	133.58	45.2
33.97	35.82	10.26	18.74	346.49	1.33	0	2.81	2.61	76.91	132.9	43.04
34.54	37.1	9.32	19.03	343.36	1.28	0	3.28	2.41	76.51	126.26	40.81
33.58	31.29	10.09	17.77	346.5	1.5	0	3.26	2.29	84.07	131.15	43.87
33.3	38.11	9.48	17.83	352.31	1.57	0	2.78	2.9	75.49	138.56	38.5
34.3	39.18	10.05	18.88	346.26	1.78	0	2.78	2.5	74.74	140.19	40
34.88	37.96	9.57	19.82	343.18	2.25	0	3.39	2.29	74.29	141.97	41.56
37.27	35.89	10.19	21.28	345.92	2.36	0	3.54	2.42	76.92	144.77	43.83
39.27	39.33	10.91	22.12	345	2.34	0	4.2	2.4	80.69	147.89	42.81
41.06	44.38	11.56	22.4	345.79	2.17	0	4.64	2.31	77.29	150.83	46.56
42.57	40.77	11.86	22.72	346.17	2.32	0	5.17	2.51	70.96	150.39	47.98
45.58	42.04	11.71	24.39	344.98	2.67	0	5.48	2.61	71.39	151.36	49.01
47.67	41.49	11.65	25.98	346.95	2.75	0	5.44	3.3	74.77	156.39	46.83
48.6	37.45	12.14	27.25	352.84	2.56	0	5.81	2.81	76.75	155.71	43.16
50.13	41.88	13.19	28.86	349.17	2.51	0	5.28	3	73.93	159.63	47.16
51.64	47.56	13.04	30.88	348.17	2.41	0	5.34	3.83	74.3	166.13	51.6
52.57	49.46	12.57	33.52	350.37	2.66	0	5.24	4.38	74.99	164.3	52.14
52.28	51.12	13.66	32.74	353.19	2.78	0	4.55	4.62	78.94	189.79	54.34
52.84	50.86	12.69	33.8	354.63	3.16	0	4.58	4.68	81.41	193.32	54.78
53.23288	23.91781	11.47945	34.82192	534.0548	3.452055	0	43.31507	4.821918	89.58904	194.4384	54.71233
54.54795	25.23288	12	36.13699	538.3014	3.808219	0	5.068493	4.849315	88.65753	196.0548	56.68493
55.78082	27.53425	12.82192	36.32877	535.3699	4.191781	0	32.54795	4.958904	94.60274	198.9589	59.83562
57.12329	27.36986	12.9863	35.75342	537.2055	3.452055	0	5.287671	4.60274	78.76712	201.8904	60.13699
95.26	187.97	31.66	5.29	8.18	0.32	0	0	0	107.97	145.12	134.78
93.09	186.42	30.41	6.01	6.81	0.42	0	0.16	0	107.55	136.3	122.48
93.27	185.17	36.82	6.49	8.9	0.44	0	0.19	0	117.72	139.41	121
94.06	174.8	37.26	7.31	8.49	0.28	0	0.18	0	118.96	147.04	131.57
95.68	234.35	37.59	8.1	9.31	0.3	0	0.19	0	114.56	146.52	128.71
94.03	245.09	39.54	9.31	10.16	0.31	0	0.19	0	109.25	138.55	141.82
92.77	250.36	45.52	10.48	9.6	0.28	0	0.21	0	102.45	145.08	119.37
93.6	253.92	48.22	11.67	10.15	0.35	0	0.23	0	104.82	138.39	117.82
95.9	232.77	46.35	12.59	10.14	0.3	0	0.18	0	105.17	141.84	135.08
88.91	221.18	52.96	13.04	9.14	0.45	0	0.22	0	108.33	142.32	143.71
89.02	252.69	52.89	13.17	10.71	0.41	0	0.22	0	110.2	137.75	148.6
93.94	236.18	58.03	14.94	9.77	0.43	0	0.2	0	111.79	142.5	155.11
91.11	233.73	45.02	17.38	10.89	0.51	0	0.21	0	117.67	140.42	160.02
91.44	253.79	51.22	16.42	7.65	0.5	0	0.27	0.11	123.26	139.71	159.98



90.53	256.32	55.33	18.45	9.54	0.48	0	0.2	0.21	127.31	148.45	162.18
90.58	230.77	51.02	20.43	9.38	0.44	0	0.23	0.31	126.97	152.39	162.16
90.34	219.61	55.6	19.36	11.36	0.42	0	0.16	0.3	113.97	145.61	176.67
91.03	205.86	49.57	19.99	10.4	0.49	0	0.14	0.3	110.16	145.45	163.81
91.56	227.58	48.64	19.46	13.38	0.34	0	0.16	0.29	111.12	142.2	145.43
88.84	203.61	44.44	21.28	12.06	0.42	0	0.2	0.28	111.44	145.49	153.97
84.23	206.42	56.28	21.96	13.93	0.57	0	0.22	0.39	111.62	155.92	148.22
87.81	213.48	65.64	23.25	14.87	0.51	0	0.2	0.5	108.47	151.48	182.55
85.85	197.59	53.86	24.96	15.62	0.54	0	0.2	0.67	106.49	138.01	177.12
87.13	183.07	61.64	25.31	15.52	0.5	0	0.44	1.06	107.96	135.89	161.64
87.25	160.48	65.86	26.57	14.93	0.45	0	0.3	0.74	110.02	138.25	174.74
78.52	146.57	62.74	27.78	15.72	0.46	0	0.21	1.08	107.98	135.84	169.4
81.75	178.64	59.82	29.03	21.21	0.48	0	0.21	1.22	106.22	137.33	183.01
79.26	165.22	61.17	29.45	18.49	0.42	0	0.32	1.28	105.57	132.07	192.99
77.59	165.61	71.37	29.3	22.05	0.39	0	0.36	1.17	104.23	137.72	144.12
80.52	165.4	70.6	41.41	21.41	0.39	0	0.33	1.41	100.46	131.35	154.69
81.5	142.16	72.28	38.19	24.85	0.42	0	0.36	1.31	97.9	132.45	152.37
85.17	148.31	65.47	37.95	24.01	0.47	0	0.4	1.15	95.41	128.71	151.85
81.43	129.35	59.24	37.8	25.29	0.46	0	0.45	1.1	93.51	128.93	163.38
78.23	140.58	67.84	41.79	27.51	0.48	0	0.39	1.02	92.96	123.17	163.85
66.69	155.98	65.93	44.71	29.98	0.47	0	0.39	1.06	90.93	129.65	167.44
63.99	147	75.28	46.38	31.01	0.44	0	0.47	1.17	90.17	124.6	165.69
63.65	157.68	75.72	50.13	30.23	0.44	0	0.7	1.03	90.18	127.21	164.89
59.99	154.73	77.66	45.96	32.74	0.39	0	0.65	1.45	90.37	123.11	168.14
61.51	130.75	79.17	49.86	36.46	0.4	0	0.71	1.68	89.33	125.86	164.98
68.93	143.56	80.91	55.25	33.21	0.41	0	0.7	1.72	87.95	118.9	168.42
59.27	147.12	84.2	57.66	33.69	0.44	0	0.65	2.41	85.98	122.54	163.88
61.19	151.68	75.62	59.16	38.89	0.53	0	0.66	2.5	84.54	114.59	151.02
66.08	145.83	67.21	60.02	43.52	0.49	0	0.95	1.77	87.25	121.23	141.94
69.45	144.82	81.12	60.91	42.82	0.58	0	1.07	2.6	84.26	120.05	154.91
72.64	164.63	79.11	64.56	42.83	0.58	0	0.91	2.68	84.16	120.03	162.63
78.09	165.61	82.77	69.31	43.03	0.61	0	1.21	2.82	85.8	114.5	165.4
80.98	173.72	86.15	76.15	42.95	0.55	0	1.08	3.22	84.05	120.11	165.26
83.96	162.88	88.26	83.53	42.75	0.5	0	0.95	3.07	82.3	127.32	164.78
84.71	157.7	78.54	85.68	45.42	0.41	0	0.92	3.03	83.17	122.22	163.09
81.79	162.23	88.55	90.94	45.32	0.5	0	0.92	3.05	96.45	129.7	160.77
80.55	164.28	90.74	95.32	45.62	0.44	0	0.97	3.03	95.76	128.28	165.65
81.64	169.92	90.85	97.24	45.08	0.54	0	1.16	2.99	98.69	131.45	164.36
88.1	153.85	84.01	102.94	47.71	0.47	0	0.91	3.48	101.2	122.78	164.74
83.26027	136.5479	81.9726	97.12329	68.73973	0.465753	0	0.383562	2.876712	128.1096	117.3699	159.7534
84.79452	149.1233	85.91781	94.60274	65.0137	0.356164	0	0.383562	2.410959	128.2466	124.8493	155.3425
85.39726	145.9726	77.26027	99.45205	66.35616	0.493151	0	0.328767	2.383562	129.9178	118.7945	156.1096
80.19178	147.7534	84.21918	97.78082	67.31507	0.438356	0	0.328767	3.424658	136.1918	124.7671	156.3562
109.13	222.89	88.15	5.7	68.14	0.14	0	0.69	0.07	113.34	112.33	138.53
108.99	225.45	77.82	5.96	69.93	0.14	0	0.83	0.08	113.91	114.94	139.85
106.75	231.04	74.68	6.72	69.5	0.15	0	0.65	0.08	106.58	112.05	142.53
98.77	240.69	83.68	7.4	74.25	0.15	0	0.7	0.13	108.86	115.58	147.84
98.48	246.43	94.63	8.99	72.83	0.13	0	0.86	0.26	110.89	114	133.66
101.53	248.82	77.64	9.19	74.06	0.16	0	0.79	0.25	105.09	116.88	137.07

102.02	236.23	85.05	9.83	71.87	0.14	0	0.81	0.28	105.78	117.93	136.29
106.06	244.47	85.9	10.36	72.83	0.16	0	0.7	0.31	110.08	112.68	141.49
108.28	238.63	90.74	11.16	73.75	0.16	0	0.96	0.34	112.86	112.27	140.82
105.58	237.43	93.58	12.48	73.91	0.15	0	1.8	0.39	112.52	113.95	141.26
97.15	235.43	90.8	12.7	73.34	0.17	0	1.34	0.5	113.61	112.98	140.88
94.66	232.98	77.71	13.81	73.61	0.18	0	1.21	0.69	120.07	111.56	126.41
94.98	233.61	73.91	15.07	70.42	0.26	0	1.07	0.87	116.62	109.69	146.88
98.99	246.85	86.21	16.78	72.96	0.29	0	0.95	1.38	124.2	112.45	149.06
103.9	256.46	76.03	16.68	77.11	0.27	0	0.83	1.61	128.31	114.13	147.42
106.26	261.52	80.81	17.11	78.3	0.24	0	1.03	2	130.54	115.13	157.25
105.63	259.19	80.82	18.09	79.31	0.38	0	1.22	2.08	127.43	112.87	152.68
109.17	244.92	83.86	20.01	78.21	0.31	0	1.17	2.23	132.2	117.71	153.23
108.64	249.98	83.07	22.84	81.32	0.28	0	1.01	2.17	139.49	121.55	163.88
109.31	268.95	77.17	25.09	80.75	0.3	0	0.92	2.9	139.65	118.87	158.91
108.75	255.53	88.47	25.59	79.87	0.3	0	0.87	3.25	132.47	113.32	157.75
99.85	255.73	83.22	26.99	84.21	0.24	0	0.86	2.88	130.53	117.5	157.89
98	248.1	71.39	25.92	84.05	0.21	0	0.9	2.94	131.04	111.17	161.01
98.16	254.48	84.4	23.58	83.07	0.23	0	0.79	2.64	131.76	114.16	161.17
100.68	251.06	76.85	24.79	81.78	0.25	0	1.1	2.94	130.3	113.97	163.16
104.06	270.21	73.52	26.94	81.92	0.35	0	1.03	2.66	135.69	114.38	156.86
102.73	271.89	78.08	29.96	84.2	0.35	0	1.02	2.95	134.87	116.15	158.23
102.07	262.3	90.09	31.18	84.53	0.46	0	0.84	2.79	131.14	119.41	152.38
105.63	273.11	78.19	30.04	87.31	0.49	0	0.99	3.06	129.7	114.06	143.36
104.5	263.55	66.85	32.17	86.51	0.45	0	1.15	2.91	129.88	114.91	146
107.66	278.3	70.24	36.28	83.49	0.41	0	1.19	2.45	128.85	114.66	148.02
106.78	284.66	66.8	39.98	83.96	0.4	0	1.2	2.73	134.53	110.25	151.67
109.18	284.89	74.06	43.58	86.48	0.3	0	1.02	2.95	133.27	115.94	146.73
113.78	294.03	79.98	47.43	86.27	0.31	0	1.3	3.26	135.9	122.19	149.65
118.11	322.8	84.19	54.38	74.28	0.3	0	1.32	3.58	136.76	127.87	155.64
121.13	332.55	77.04	52.41	83.99	0.28	0	1.4	3.85	133.61	126.32	147.23
119.88	327.12	86.23	57.23	81.32	0.3	0	1.36	3.58	132.22	125.99	145.53
119.05	329.93	87.47	58.98	83.78	0.3	0	1.21	3.93	131.57	127.75	147.62
122.68	327.5	88.8	63.99	85.25	0.42	0	1.46	3.73	118.27	132.59	148.6
123.97	325.46	71.06	66.83	83.37	0.51	0	1.43	3.91	126.82	130.41	142.54
120.13	317.76	74.84	67.18	79.63	0.44	0	1.51	4.23	118.79	128.22	151.71
118.37	311.65	79.31	68.24	78.13	0.47	0	1.46	4.72	117.51	138.2	147.21
117.41	306.48	76.18	69.22	81.29	0.62	0	1.49	4.75	120.4	142.04	156.59
117.57	300.37	73.85	73.18	85.17	0.64	0	1.47	4.62	129.36	138.16	151.34
117.72	315.11	72.98	66.01	87.07	0.68	0	1.47	4.7	129.73	138.62	153.47
120.92	324.4	74.49	72.16	81.79	0.66	0	1.56	4.53	132.63	137.65	152.64
123.39	325.75	79.67	76.82	78.03	0.73	0	1.45	4.91	133.76	137.61	155.49
125.39	351.57	77.16	86.27	79.83	0.69	0	1.84	5.03	136.13	141.71	156.15
123.99	349.83	76.79	84.16	83.25	0.64	0	1.82	4.76	136.43	147.55	155.81
125.46	365.02	77.51	89.94	81.1	0.56	0	1.75	5.44	135.9	150.46	158.28
127.25	376.99	80.91	95.38	80.51	0.47	0	2.59	5.61	137.11	153.07	157.7
128.37	380.6	79.7	94.61	77.76	0.52	0	2.16	5.52	136.88	148.06	155.38
130.27	370.86	80.14	101.36	78.7	0.49	0	2.3	5.52	138.1	148.9	156.3
128.8493	374.7123	77.47945	100.3836	115.4521	0.438356	0	1.890411	0.520548	140.6301	151.0411	160.9589
127.0685	368.1644	76.93151	102.7123	117.863	0.493151	0	2.109589	0.520548	142.3288	147.3151	155.3151

124.2466	356.8493	76.73973	101.4521	111.0137	0.465753	0	2	0.493151	141.9726	147.6712	160.7945
125.7534	348.3288	77.09589	104.0822	121.863	0.493151	0	2.712329	0.493151	141.8904	149.0959	157.7534
94.32	181.71	28.58	4.82	7.24	0.28	0	0	0	101.6	165.95	126.2
93.09	180.68	27.39	5.47	6.04	0.37	0	0.14	0	101.43	157.68	115.61
93.51	178.7	33.04	5.91	7.87	0.39	0	0.17	0	110.69	161.18	114.01
93.95	170.92	33.44	6.65	7.51	0.25	0	0.16	0	111.8	167.75	123.87
95.53	223.11	33.73	7.36	8.25	0.27	0	0.17	0	108.18	166.96	122.24
93.75	232.38	35.54	8.43	8.99	0.27	0	0.16	0	103.52	160.72	134.52
92.79	236.79	40.81	9.48	8.5	0.25	0	0.19	0	97.66	164.87	113.86
93.22	239.55	43.23	10.55	8.99	0.3	0	0.2	0	99.47	157.98	112.83
95.3	220.73	41.68	11.36	8.97	0.26	0	0.16	0	99.89	160.73	129.29
89.94	210.42	47.51	11.77	8.09	0.4	0	0.2	0	102.58	162	137.6
89.96	240.07	47.6	11.87	9.48	0.37	0	0.2	0	104.28	157.99	142.02
94.6	226.01	52.08	13.46	8.66	0.38	0	0.17	0	105.72	159.27	147.3
90.83	222.99	40.71	15.61	9.67	0.45	0	0.18	0	110.98	158.71	151.1
90.57	240.78	46.09	14.79	6.81	0.46	0	0.24	0.1	115.94	158.54	152.2
88.77	243.03	49.78	16.59	8.55	0.46	0	0.17	0.19	120.44	162.9	153.46
88.94	221.04	46.07	18.35	8.48	0.43	0	0.2	0.28	120.36	165.23	155.09
88.82	212.14	50.64	17.41	10.28	0.41	0	0.14	0.27	108.83	161.41	169.06
89.47	200.72	45.2	17.96	9.59	0.48	0	0.12	0.26	106.14	161.3	157.61
90.19	222.72	44.78	17.5	12.33	0.35	0	0.14	0.26	106.27	157.43	139.47
87.83	200.27	41.28	19.11	11.09	0.45	0	0.17	0.25	107.05	160.24	147.09
83	201.28	51.55	19.73	12.73	0.63	0	0.19	0.34	107.72	167.81	142.25
85.83	208.99	60.08	20.99	13.5	0.57	0	0.18	0.44	105.52	161.41	171.36
83.5	196.81	50.03	22.65	14.32	0.59	0	0.19	0.59	103.36	149.81	170.35
85.73	185.69	56.82	22.96	14.34	0.56	0	0.4	0.93	104.55	148.49	155.32
85.18	162.92	60.66	23.98	13.81	0.5	0	0.28	0.65	105.84	151.99	163.56
76.95	148.27	57.82	25.06	14.51	0.51	0	0.2	0.95	104.23	148.78	158.81
80	175.02	55.84	26.17	19.33	0.54	0	0.18	1.07	102.74	149.96	170.48
77.81	163.55	57.43	26.58	17.05	0.5	0	0.28	1.13	102.11	145.97	181.03
75.97	163.62	67.44	26.46	20.29	0.46	0	0.34	1.02	100.87	151.72	138.47
78.75	164.11	66.48	37.6	19.84	0.49	0	0.31	1.23	97.11	145.98	146.89
79.73	145.21	68.12	34.88	22.71	0.52	0	0.34	1.16	95.24	145.27	143.87
83.05	151.14	62.81	34.67	22.04	0.57	0	0.37	1.03	93.38	140.04	146.44
79.08	130.48	57.01	34.22	23.55	0.54	0	0.42	0.98	91.17	141.23	157.97
75.23	140.85	65.11	37.71	25.31	0.56	0	0.38	0.96	90.64	137.1	157.98
65.51	155.21	63.1	40.28	27.61	0.57	0	0.38	0.99	88.46	141.55	159.26
63.11	146.6	71.92	41.65	28.77	0.56	0	0.45	1.09	87.32	138.32	156.47
62.59	159.26	72.63	45.85	28.2	0.59	0	0.74	0.97	86.85	139.78	156.56
58.67	157.95	74.82	41.77	30.35	0.54	0	0.79	1.31	87.09	135.8	159.19
61.28	138.04	77.09	45.38	33.76	0.55	0	0.83	1.57	86.35	138.33	158.02
69.03	151.43	78.59	50.07	31.01	0.59	0	0.85	1.59	85	134.54	159.91
59.48	155.68	80.78	52.53	31.73	0.66	0	0.81	2.24	83.27	138.03	156.4
61.36	155.99	73.09	53.58	36.29	0.76	0	1.01	2.3	82.15	131.68	146.13
65.18	147.29	65.36	54.81	40.82	0.69	0	1.14	1.71	84.86	136.29	137.89
69.54	148.16	78.81	55.43	40.44	0.75	0	1.57	2.31	81.66	135.86	148.62
71.77	166.36	76.89	58.58	40.69	0.78	0	1.08	2.38	81.52	136	155.29
76.55	165.39	80.6	62.58	40.85	0.75	0	1.33	2.48	83.5	130.87	157.91
78.7	171.53	83.22	68.71	40.85	0.78	0	1.27	2.89	81.66	137.18	157.64

81.61	161.24	85.02	75.71	40.48	0.81	0	1.12	2.82	79.6	142.61	157.21
82.45	157.7	75.73	76.78	42.48	0.73	0	1.06	3.02	80.51	136.6	155.24
79.82	160.92	85.16	81.57	42.41	0.8	0	1.09	2.87	92.68	144.63	153.55
78.69	164.42	87.72	85.58	42.93	0.75	0	1.11	2.81	91.7	143.02	158.17
78.17	171.16	88.76	87.74	42.54	0.91	0	1.3	2.8	94.47	146.2	157.54
83.68	158.59	82.26	92.98	44.53	0.85	0	1.08	3.18	96.87	139.48	158.24
80.60274	146.2466	80.52055	88.08219	64.35616	0.849315	0	0.493151	2.60274	122.3562	134.4384	153.2877
81.28767	157.1507	84.10959	85.72603	60.76712	0.767123	0	0.438356	2.219178	122.8767	142.6575	147.8356
81.78082	153.2329	75.75342	89.94521	62.79452	0.849315	0	0.383562	2.273973	125.726	136.9315	148
77.39726	151.4247	82.21918	88.49315	63.61644	0.876712	0	0.356164	3.150685	132.274	141.9726	149.2603
13.72	118.03	12.07	0.74	191.43	1.79	0	1.84	0.01	77.98	127.55	99.38
13.85	115.78	10.93	0.75	197.36	1.68	0	1.81	0.01	76.59	135.56	102.01
13.64	113.53	13.71	0.79	191.36	1.66	0	1.72	0.01	74.36	134.53	98.59
13.63	110.83	11.05	0.81	192.39	1.77	0	1.82	0.01	75.4	137.19	111.94
13.54	107.3	14.21	0.83	182.36	1.51	0	1.73	0.06	82.52	129.54	114.75
13.56	106.22	15.11	0.85	178.16	1.41	0	1.55	0.01	79.63	143.46	115.99
13.62	105.56	14.25	0.93	185.61	1.43	0	1.63	0.02	69.91	149.58	113.95
13.7	109.36	15.88	0.97	196.45	1.31	0	1.78	0.02	64.86	144.25	115.69
13.63	110.05	17.28	1.02	196.14	1.53	0	1.63	0.03	76.03	143.86	125.77
13.59	105	14.95	1.06	199.58	1.65	0	1.72	0.01	81.77	138.34	126.83
13.62	109.01	16.95	1.08	188.43	1.63	0	1.59	0.01	81.17	138.16	125.85
13.46	108.29	16.33	1.08	182.72	1.41	0	1.68	0.05	71.43	136.32	145.73
13.51	108.38	15.12	1.07	178.64	1.51	0	1.71	0.08	71.46	147.92	148.07
13.61	111.64	15.85	1.09	179.51	1.53	0	1.69	0.07	76.65	150.91	137.96
13.74	111.45	19.16	1.12	190.42	1.53	0	1.7	0.05	73.27	147.94	136.85
13.95	115.62	22.33	1.17	183.61	1.38	0	1.46	0.02	74.57	150.74	113.03
14.13	117.73	20.62	1.2	196.67	1.98	0	1.65	0.02	81.63	153.73	134.29
14.23	117.39	22.58	1.39	194.7	1.83	0	1.76	0.07	84.08	153.24	150.76
14.2	118.78	28.39	1.46	178.11	1.7	0	1.57	0.01	79.56	153.01	153.76
14.24	119.39	24.3	1.43	180.96	1.75	0	1.7	0.5	71.71	150.61	150.69
14.33	126.03	27.39	1.63	181.86	1.69	0	2.03	0.32	77.29	156.69	149.09
14.99	129.09	28.64	1.58	185.04	1.75	0	1.97	0.49	73.24	156.5	150.3
14.94	134.76	27.98	1.67	193.42	2.02	0	1.99	0.57	80.85	161.3	164.15
14.8	140.57	31.97	1.67	190.42	1.87	0	1.98	0.27	91.99	162.65	160.34
14.89	144.48	32.14	1.7	194.51	2.08	0	1.96	0.13	87.63	160.34	160.19
15	145.59	28.22	1.91	190.52	2.11	0	1.93	0.18	81.73	159.62	165.71
15.04	146.14	32	2.21	199.34	2.38	0	2.01	0.09	77.48	166.92	173.94
15.06	147.03	32.54	2.24	209.52	2.33	0	2.07	0.18	76.83	156.23	173.05
15.1	151.4	34.4	2.44	211.68	2.4	0	1.94	0.05	83.36	161.9	178.96
15.29	153.16	34.9	2.48	211.11	2.34	0	2.16	0.12	84.53	166.74	148.52
15.28	152.97	34.55	2.81	208.91	2.29	0	2.14	0.02	86.54	151.82	183.27
15.36	155.66	39.7	3.14	200.61	2.6	0	2.23	0.11	89.53	165.43	185.5
15.35	158.99	41.22	3.6	205.47	3.15	0	2.54	0.08	80.56	163.27	182.65
15.34	161.37	38.56	3.68	205.05	2.76	0	2.57	0.08	86.37	155.2	184.91
15.31	167.76	37.73	3.74	204.54	2.44	0	2.47	0.12	89.93	160.29	185.03
14.57	177.2	39.24	3.82	202.02	2.75	0	3.64	0.03	83.4	167.54	181.21
14.75	179.54	47.89	3.93	199.47	2.73	0	3.82	0.06	98.14	151.3	191.32
14.74	182.55	36.77	3.86	198.98	3.04	0	3.54	0.15	121.17	171.63	191.94
14.34	188.09	46.63	4	202.68	3.05	0	2.73	0.14	125.72	183.05	195.19

13.86	185.13	51.14	4.33	199.83	2.98	0	2.73	0.06	98.14	178.68	199.54
13.84	185.98	45.88	4.55	197.52	3.03	0	2.59	0.14	93.4	186.83	189.58
13.68	186.98	48.63	4.95	195.28	2.53	0	2.83	0.15	90.17	170.04	187.61
13.5	188.61	47.66	5.43	194.71	3.34	0	3.31	0.05	91.5	183.97	180.11
13.72	193	54.86	5.68	197.68	3.34	0	3.15	0.25	83.59	161.61	180.3
13.44	197.25	57.25	5.95	198.24	3.64	0	3.49	0.34	85.41	175	173.82
13.43	205.51	55.9	6.43	196.43	3.62	0	3.71	0.35	87.72	189.58	179.7
13.54	215.79	55.32	7.08	198.98	3.89	0	4.16	0.42	92.98	198.59	180.71
13.16	220.03	65.34	7.49	200.34	3.79	0	4.85	0.28	91.39	199.44	183.56
12.92	226.22	62.71	8.5	199.45	3.82	0	5.31	0.35	83.97	199.95	181.26
12.85	232.12	66.83	8.49	199.96	4.36	0	4.93	0.36	83.81	211.44	184.22
12.36	240.89	71.05	8.71	196.38	5.36	0	4.7	0.38	86.64	223.44	181.68
12.16	244.48	73.36	8.64	195.37	5	0	5.36	0.87	89.79	229.77	178.53
11.16	243.16	73.94	8.9	193.79	4.68	0	5.3	0.91	88.17	237.27	185.31
10.24658	249.7534	72.57534	9.068493	279.6438	4.465753	0	7.917808	0.575342	64.49315	215.2877	184.6027
10.35616	259.8356	73.31507	9.39726	276.6027	4.383562	0	5.506849	1.287671	67.34247	206.0822	182.5479
10.46575	269.6164	72.68493	9.863014	286.6301	5.315068	0	7.616438	1.205479	66.21918	206.9589	185.3425
10.68493	280.9041	75.78082	10.13699	286.9863	5.753425	0	7.808219	1.479452	58.90411	212.1644	188.411
70.29	320.56	206.66	10.25	14.02	0.13	0	14.97	0	59.6	339.53	419.63
73.77	323.07	181.83	12.13	14.22	0.14	0	15.04	0	61.83	326.76	431.28
78.36	336.54	205.94	15.32	14.74	0.17	0	15.03	0	61.84	362.87	417.94
80.46	335.16	184.21	17.67	15.71	0.16	0	15.07	0	65.9	375.63	416.65
83.16	339.99	178.34	20.42	14.39	0.19	0	13.46	0	68	369.32	417.61
89.27	364.42	185.41	23.17	13.92	0.21	0	14.58	0	71.12	381.26	420.75
97.46	390.32	187.95	24.03	13.33	0.22	0	15.9	0	75.22	381.24	422.51
100.64	399.37	190.64	24.52	14.47	0.21	0	13.79	0	74.32	382.83	424.26
102.09	405.83	195.2	26.15	13.52	0.21	0	13.47	0	77.21	406.3	412.57
109.78	408.85	190.99	30.04	13.69	0.18	0	15.92	0	80.24	416.81	415.98
114.14	414.4	186.65	30.69	12.54	0.24	0	12.7	0	81.4	402.33	413.16
112.82	432.72	186.87	33.68	13.51	0.25	0	13.88	0	84.25	387.09	407.66
120.52	451.99	191.2	36.98	14.64	0.3	0	14.21	0	87.88	418.43	414.25
125.07	464.2	193.36	38.13	14.05	0.29	0	15.12	0	92.58	440.31	405.57
124.59	460.75	184	39.19	14.55	0.25	0	14.28	0	83.06	452.78	406.39
130.17	476.98	186.88	41.92	13.76	0.29	0	13.67	0	89.46	409.35	399.77
133.89	486.53	192.6	43.51	14.07	0.36	0	12.3	0	88.36	423.45	399.39
140.95	505.96	182.03	44.76	13.67	0.27	0	13.23	0	89.36	426.76	398.95
144.8	537.78	185.74	45.29	13.9	0.32	0	12.21	0	91.98	434.58	406.63
149.94	544.04	189.17	46.55	14.05	0.3	0	13.82	0	90.5	439.8	401.38
151.98	540.52	172.57	48.65	13.89	0.23	0	14.21	0	91.2	437.74	388.88
154.99	561.71	181.56	48.1	14.13	0.28	0	13.92	0	87.75	443.31	375.78
158.87	576.19	175.7	47.29	13.42	0.28	0	12.13	0	84.55	428.89	372.37
162.93	571.45	182.03	46.39	13.32	0.29	0	12.27	0	80.73	451.8	385.1
160.65	582.33	177.75	46.29	14.1	0.29	0	13.57	0	82.79	446.97	377.89
163.15	565.53	191.56	46.58	14.45	0.27	0	13.84	0	82.6	436.13	377.94
170.15	565.12	192	48.63	15.59	0.25	0	14.4	0	83.31	430.32	376.25
175.14	560.35	178.4	49.88	14.93	0.34	0	13.87	0	82.9	449.18	377.44
177.72	560.7	189.42	49.62	14.5	0.33	0	15	0.01	85.67	465.82	375.91
183.93	564.17	188.66	50.26	14.95	0.37	0	14.95	0.01	86.15	473.88	373.36
181.71	566.97	191.41	50.03	15.56	0.34	0	16.34	0.01	83.49	471.99	378.29

183.41	552.23	193.37	49.48	15.39	0.38	0	15.51	0.09	79.42	464.61	333.33
187.63	551.34	175.69	49.27	16.07	0.32	0	13.98	0.03	79.06	431.48	333.3
188.78	560.86	174.93	50.39	18.32	0.36	0	15.76	0.02	81.22	452.69	324.77
189.13	554.4	170.85	51.07	20.91	0.37	0	15.1	0.04	79.79	454.54	331.2
194.34	579.63	172.88	51.35	19.12	0.4	0	16.47	0.04	81.33	467.13	330.92
191.68	570.53	170.12	50.96	19.23	0.34	0	16.54	0.05	82.67	462.71	333.46
202.68	613.45	174.14	53.64	19.47	0.34	0	16.46	0.03	83.16	473.72	329.59
205.87	610.05	162.78	52.21	19.47	0.35	0	17.71	0.02	80.43	488.62	329.04
207.22	606.84	163.33	52.24	17.82	0.38	0	17.5	0.04	82.52	489.04	325.5
205.72	609.19	165.71	53.28	17.75	0.36	0	17.58	0.04	85.4	448.54	322.23
206.27	610.53	159.27	56.15	18.25	0.4	0	18.67	0.17	85.07	432.92	320.84
204.84	603.89	156.17	53.2	17.72	0.39	0	18.31	0.05	86.95	460.39	318.17
196.87	607.17	158.83	51.68	17.26	0.4	0	19.74	0.11	87.16	508.47	316.69
197.05	615.44	152.05	51.96	16.22	0.38	0	19.33	0.07	87.02	473.46	312.36
195.81	620.6	151.05	47.85	16.01	0.46	0	20.91	0.11	83.85	431.8	317.5
198.69	619.77	148.89	52.82	16.96	0.45	0	19.83	0.1	83.13	436.92	316.47
188.84	623.23	141.52	53.88	17.62	0.48	0	18.75	0.16	83.62	425.52	320.01
186.37	612.74	146.22	56.82	17.04	0.51	0	19.07	0.12	83.53	469.64	323.43
188.44	615.08	143.87	55.69	17.88	0.44	0	19.56	0.15	83.5	423.12	321.11
180.77	616.78	141.59	57.85	18.6	0.43	0	20.09	0.12	85.35	403.48	322.12
178.73	607.6	141.18	59.79	17.36	0.42	0	17.74	0.12	86.42	388.11	326.99
176.53	590.28	140.87	58.29	18.38	0.43	0	18.67	0.18	86.79	375.63	326.38
169.3425	589.726	135.7808	58.84932	21.53425	0.383562	0	17.45205	0.30137	94.43836	364.0822	329.9178
168.3288	585.0411	134.0548	59.0411	26.68493	0.383562	0	17.39726	0.30137	93.64384	379.7534	330.7945
167.3425	578.7123	131.589	59.47945	26.54795	0.410959	0	19.56164	0.438356	95.06849	405.9726	334.411
174.6301	590.4658	131.0411	60.87671	25.26027	0.410959	0	20.84932	0.136986	96.60274	404.4384	328.5205
57.88	228.54	343.08	7.27	15.16	0.08	0	16.88	0	56.26	443.94	365.57
60.8	228.89	279.84	9.68	16.56	0.11	0	16.84	0	64.21	429.7	391.7
70.91	260.45	349.56	16.39	17.08	0.14	0	17.16	0	57.42	444.99	335.64
71.25	256.45	283.02	18.49	17.98	0.14	0	14.98	0	62.87	436.74	323.44
68.48	251.63	283.41	20.31	15.47	0.16	0	14.37	0	63.32	408.79	313.83
79.71	280.01	295.09	26.23	13.97	0.13	0	13.86	0	67.54	406.15	331.55
84.76	298.78	280.55	29.83	13.08	0.17	0	18.13	0	78.32	405.99	315.19
86.43	308.02	287.63	29.46	13.83	0.17	0	12.12	0	73.23	407.28	317.93
88.87	333.04	295.98	31.8	14.42	0.18	0	11.33	0	75.17	398.57	274.41
95.1	333.07	302.64	40.39	14.19	0.13	0	16.31	0	79.76	408.97	279.21
96.27	354.67	292.62	38.57	14.2	0.17	0	14.54	0	80.96	417.92	273.48
97.2	352.35	311.58	44.57	14.13	0.2	0	17.2	0	80.55	423.61	269.67
106.71	356.5	319.63	47.09	14.92	0.22	0	15.45	0	81.39	457.34	275.2
114.8	390.21	326.07	47.69	14.69	0.29	0	22.71	0	88.51	493.85	278.82
112.39	382.38	303.36	48.74	15.74	0.3	0	20.49	0	81.56	495.04	283.34
121.97	397.93	315.15	53.08	16.06	0.25	0	18.48	0	91.53	454.99	271.42
122.16	397.34	309.37	55.34	15.33	0.36	0	15.1	0	90.24	482.83	272.03
129.5	419.18	295.74	56.78	14.71	0.28	0	16.98	0	90.57	478.3	257.35
134.93	432.75	313.05	56.09	14.83	0.41	0	16.36	0	95.79	475.47	258.98
147.41	440.02	309.78	56.4	15.67	0.29	0	18.05	0	83.68	480.59	269.59
154.35	436.14	266.93	64.59	15.84	0.23	0	17.36	0	83.41	451.15	247.26
164.75	458.3	288.15	62.12	14.86	0.34	0	17.15	0	83.81	469.56	265.05
162.16	476.37	276.94	59.05	13.41	0.28	0	12.95	0	78.98	439.29	263.88

167.81	488.11	305.58	57.59	13.37	0.41	0	17.14	0	70.9	462.99	270.17
164.81	470.28	295.63	59.76	14.13	0.29	0	20.33	0	78.17	461.59	270.48
172.04	442.95	284.92	56.14	15.03	0.18	0	19.12	0	73.26	457.18	257.03
181.11	432.09	293.46	59.54	15.64	0.27	0	19.33	0	75.68	458.74	258.82
197.51	421.36	269.58	62.55	15.19	0.45	0	17.06	0.01	74.58	510.04	263.44
196.7	419.09	303.91	63.34	14.47	0.43	0	21.54	0.01	73.56	537.38	258.88
206.16	420.19	297.38	64.03	17.7	0.47	0	21.3	0.01	76.13	582.58	255.56
212.87	446.92	302.61	66.77	18.45	0.41	0	21.61	0.02	75.55	515.27	254.83
214.68	436	302.9	65.64	18.97	0.48	0	20.51	0.02	79.12	489.38	250.52
223.09	457.6	249.91	64.44	18.9	0.4	0	19.56	0.02	77.83	446.4	255.2
221.72	459.18	236.43	67.1	18.61	0.58	0	19.94	0.02	80.02	444.19	249.81
223.65	447.44	235.57	68.78	19	0.54	0	19.02	0.02	80.4	409.16	249.16
230.86	458.96	241.68	66.22	23.25	0.49	0	20.85	0.01	80.47	430.78	248.79
232.42	436.06	238.86	66.05	23.77	0.32	0	21.28	0.02	80.76	434.8	248.17
260.17	459.94	217.23	76.35	23.25	0.39	0	20.06	0.02	81.53	437.7	246.88
259.46	459.73	216.32	71.67	22.69	0.43	0	22.83	0.02	81.4	464.77	245.28
256.4	467.29	209.03	69.76	21.5	0.29	0	22.27	0.02	81.01	451.19	243.17
259.76	462.57	207.7	72.56	20.31	0.33	0	22.41	0.02	81.72	426.6	241.26
260.45	461.5	198.22	84.02	20.55	0.33	0	23.47	0.02	81.48	448.25	239.6
256.16	452.97	197.35	83.09	18.93	0.37	0	23.81	0.03	81.7	425.2	237.57
235.28	456.42	195.94	75.77	20.04	0.42	0	25.46	0.03	81.92	444.47	237.31
233.97	444.52	186.92	76.96	18.8	0.36	0	24.05	0.04	81.93	427.63	236.23
234.62	449.93	188.96	74.51	17.45	0.53	0	23.65	0.05	82.85	403.12	233.21
238.43	459.65	178.9	79.17	19.02	0.53	0	23.51	0.05	81.67	424.03	235.9
219.31	452.76	171.96	74.49	20.3	0.52	0	21.98	0.06	82.81	398.98	245.55
202.81	474.06	178.12	81.22	21.53	0.51	0	21.29	0.06	82.91	434.74	251.2
203.69	480.81	175.52	76.01	21.58	0.54	0	22.38	0.06	83.24	385.3	252.47
193.71	479.83	172.89	81.19	23.17	0.55	0	22.2	0.04	85.21	344.45	254.71
191.8	475.18	170.7	82.21	22.44	0.5	0	21.32	0.04	85.48	345.75	258.45
192.1	457.32	164.5	78.42	22.8	0.49	0	21.49	0.05	85.59	326.61	257.19
188.137	436.8767	161.0411	79.20548	32	0.383562	0	20.52055	0.136986	91.09589	355.9452	270.411
191.9452	444.9315	157.0137	80.43836	33.0411	0.438356	0	19.0137	0.136986	92.32877	342.7123	271.589
192.6575	477.0685	159.5616	82.0274	33.80822	0.438356	0	23.23288	0.136986	93.0137	380.3562	283.3699
199.6438	499.8904	158.7671	83.26027	32.43836	0.328767	0	24.90411	0.136986	94.9589	401.5342	268.6849
10.93	48.38	15.31	1.73	260.98	9.7	0	1.26	0	70.26	58.76	63.24
12.11	45.9	13.24	1.72	268.31	9.66	0	1.13	0	69.02	52.87	56.53
11.57	54.72	17.45	2.76	278.36	8.6	0	0.4	0	70.93	54.78	49.21
12.33	63.86	17.65	2.79	255.21	9	0	0.8	0	75.52	60.58	108.05
12.24	64.71	12.29	2.72	294.47	8.65	0	2.29	0	75.85	53.11	72.57
11.69	55.71	14.71	2.9	300.13	9.21	0	1.81	0	80.84	47.4	78.52
11.43	55.76	5.8	2.84	230.02	9.28	0	1.51	0	81.39	42.72	164.41
11.38	57	3.23	3.09	256.01	8.69	0	1.43	0	80.79	41.19	137.54
11.28	50.32	4.43	3.01	247.39	8.64	0	0.64	0	82.73	42.31	132.2
10.93	57.66	5.22	3.17	243.61	7.07	0	0.8	0	82.84	48.19	132.2
11.39	47.97	5.69	3.53	265.99	7.69	0	0.87	0	78.94	34.76	102.7
10.65	49.9	6.06	3.46	259.32	6.85	0	0.81	0	66	32.07	101.03
10.7	48.29	4.13	3.44	257.97	6.85	0	1.23	0	58.17	33.72	130.44
10.43	46.69	5.97	3.46	275.48	6.8	0	1.2	0	35.1	33.95	129.64
10.24	49.75	2.99	3.19	258.38	6.71	0	1.01	0	27.22	53.59	137.25

9.36	55.87	4.16	3.13	292.18	5.72	0	1.15	0	15.06	49.41	97.86
8.31	65.98	3.63	3.15	257.58	5.62	0	1.22	0	43.06	46.69	158.33
7.95	85.88	3.87	2.65	239.77	5.67	0	1.68	0	53.59	44.3	177.71
7.5	81.24	5.78	3.26	238.11	7.22	0	1.71	0	81.09	67.16	137.42
7.63	76.1	8.22	3.44	250.2	6.6	0	1.44	0	69.44	72.88	98.19
7.65	61.69	8.54	3.47	273.57	6.07	0	0.88	0	65.94	62.51	92.96
7.57	56.25	9.64	3.47	272.54	6.85	0	1.31	0	65.02	53.88	117.29
7.63	80.73	11.39	3.53	277.34	8.9	0	0.61	0	80.43	84.41	101.92
7.92	73.28	8.15	3.58	259.22	8.24	0	1.24	0	121.64	108.92	110.87
7.65	78.11	10.69	3.17	289.9	8.42	0	2.06	0	146.91	95.28	93.23
7.26	63.07	9.48	2.63	275.45	8.72	0	1.68	0	119.13	100.98	96.19
7.03	81.81	9.28	3.15	267.82	6.7	0	1.31	0	102.13	88.35	125.56
6.18	87.73	9.99	3.49	270.42	7.02	0	1.48	0	97.88	99.99	116.22
5.9	96.56	9.49	3.78	246.3	7.31	0	1.09	0	109.86	80.57	127.27
6.29	77.47	9.45	3.66	262.41	6.75	0	0.78	0	98.26	85.92	111.35
7.05	92.06	7.17	3.83	245.37	8.35	0	0.97	0	105.44	84.97	109.81
8.04	79.4	8.39	4.52	247.76	8.89	0	1.32	0	94.79	85.34	118.29
7.54	71.63	8.62	5.99	227.78	5.82	0	1.79	0	79.77	83.22	133.02
7.9	70.54	10	7.64	255.78	6.11	0	2.03	0	201.65	82.05	131.12
8.14	85.6	12.43	8.19	242.65	6.3	0	1.48	0	144.61	88.42	150.71
7.45	90.8	14.98	8.44	242.84	6.55	0	1.78	0	180.6	83.79	137.23
7.43	93.52	21.68	8.68	246.19	6.62	0	1.7	0	197.23	88.44	129.03
6.54	85.39	20.89	8.83	251.26	6.39	0	1.85	0	140.65	83.68	111.32
6.13	86.01	20.41	8.59	264.18	6.49	0	2.13	0	136.16	94.06	139.31
7.07	89.64	21.22	9.4	252.66	6.8	0	2.09	0	154.53	93.19	113.49
6.81	82.89	15.57	12.02	255.52	6.46	0	2.36	0	165.07	84.8	126.39
6.84	94.78	15.64	12.37	251.1	6.24	0	2.16	0	173.43	87.13	128.51
6.92	97.05	13.46	12.71	249.86	6.27	0	2.44	0	150.27	86.13	131.64
6.77	84.77	13.07	13.43	266.51	6.52	0	2.78	0	135.96	86.71	132.98
6.93	79.36	14.54	13.65	274.8	5.63	0	3.27	0	137.26	96.62	132.68
6.6	104.86	16.27	10.94	276.25	5.64	0	2.96	0	164.47	102.18	117.64
6.14	95.5	19.76	14	282.3	6.26	0	3.6	0	136.93	114.08	115.68
5.6	88.33	20.19	14.06	287.05	7.36	0	3.45	0	146.98	114.54	106.47
5.74	88.67	18.76	13.26	297.77	8.2	0	3.71	0	151.36	113.5	112.84
6.74	99.03	21.22	13.38	306.22	8.05	0	3.54	0	160.28	110.36	87.23
5.76	111.47	22.12	13.51	297.81	9.01	0	4.18	0	127.29	115.79	104.22
6.17	109.74	20.97	13.43	296.73	7.97	0	4.68	0	120.8	118.92	104.85
6.13	96.04	22.91	13.58	300.6	7.3	0	3.53	0	155.82	132.04	101.39
5.753425	23.45205	23.17808	16.21918	463.863	9.342466	0	4.465753	0	76.93151	138.2192	112.4384
6.273973	23.34247	25.94521	18.60274	448.7671	7.835616	0	4.027397	0	77.0137	140.9863	115.863
6.356164	30.0274	25.47945	20.43836	456.5753	9.808219	0	4.356164	0	77.31507	141.6986	105.9726
6.219178	30.90411	25.53425	21.31507	456.5479	8.356164	0	4.547945	0	76.19178	142.9589	107.5616
57.39	238.86	4.45	1.85	1.1	0.23	0	6.94	0	35.37	274.53	26.55
57.64	238.02	4.33	1.81	1.05	0.28	0	5.42	0	35.43	332.52	23.08
57.25	238.35	4.88	2.21	1.14	0.26	0	7.5	0	34.79	300.95	27.89
57.35	241.78	4.67	2.59	1.33	0.25	0	7.54	0	35.91	307.06	30.52
56.92	238.42	4.59	2.69	0.99	0.26	0	7.79	0	37.2	252.97	33.37
59.71	231.56	4.42	2.49	1.01	0.31	0	2.89	0	39.89	203.28	42.04
61.97	231.28	4.27	2.45	1.58	0.28	0	2.62	0	45.57	275.44	50.15



64.46	230.18	4.15	2.41	1.43	0.26	0	2.11	0	49.62	296.4	43.08
62.31	224.41	4.35	2.36	1.63	0.1	0	2.32	0	51.81	312.98	36.11
60.87	219.42	4.11	2.34	1.79	0.15	0	4.01	0	53.86	309.06	55.61
60.32	217.36	3.71	2.31	2.24	0.21	0	3.85	0	56.78	309.94	53.11
59.17	213.68	2.93	2.27	2.1	0.22	0	4.07	0	57.14	305.3	52.72
59.49	212.09	3.16	2.23	2.69	0.1	0	2.81	0	59.11	317.58	50.29
59.17	209.54	2.91	2.21	2.09	0.1	0	2.22	0	58.61	328.33	52.39
63	209.62	3.12	2.17	1.46	0.08	0	1.92	0	53.13	313.74	51.77
63.43	219.13	3.29	2.12	1.26	0.12	0	1.56	0	56.79	316.82	49.36
63.56	230.41	2.81	2.07	1.41	0.03	0	1.35	0	60.96	303.39	52.91
63.67	256.02	2.48	2.1	1.48	0.03	0	1.75	0	61.75	338.45	52.5
65.91	276.79	2.15	2.12	1.76	0.04	0	1.69	0	59.22	307.37	48.37
66.75	306.79	1.97	2.22	2.01	0.04	0	1.5	0	64.6	302.18	51.5
65.96	347.22	1.72	2.44	2.44	0.16	0	1.32	0	67.06	310.74	48.84
58.28	358.72	1.82	2.36	2.89	0.05	0	1.02	0	73.19	290.06	55.96
54	361.75	1.63	2.35	3.41	0.06	0	0.99	0	80.42	316.16	61.51
57.19	245	1.96	2.28	3.65	0.05	0	0.84	0	81.21	270.09	67.07
57.08	325.57	1.83	2.27	4.1	0.04	0	1.16	0	82.72	319.56	72.84
50.73	323.39	1.99	2.27	4.61	0.03	0	1.13	0	80.67	319.71	81.83
45.9	314.03	4.01	2.27	4.47	0.03	0	1.11	0	83.27	308.02	82.92
45.59	320.92	5.5	2.22	4.38	0.04	0	1.08	0	72.3	340.13	84.59
45.83	336.31	8.12	2.23	4.23	0.03	0	1.06	0	68.9	321.84	84.72
46.05	338.31	10.11	2.24	3.65	0.03	0	1.03	0	68.26	324.91	85.34
48.81	342.49	11.14	2.26	3.56	0.03	0	2.12	0	67	351.85	95.64
51.53	344.7	12.45	2.27	2.99	0.03	0	2.65	0	62.39	358.79	91.77
52.98	350.43	13.81	2.26	2.68	0.06	0	2.78	0	59.34	376.03	97.3
55.48	376.2	14.19	2.24	2.12	0.12	0	2.99	0	59	368.89	97.44
59.71	392.28	15.56	2.27	1.82	0.13	0	3	0	59.26	371.95	98.6
59.58	378.86	16	2.37	1.96	0.11	0	3.1	0	59.53	377.41	99.1
64.98	372.65	18.88	2.17	1.62	0.12	0	3.19	0	56.8	387.12	92.17
70.86	381.71	11.21	2.1	2.43	0.1	0	5.06	0	60.75	378.02	85.58
74.67	418.23	13.23	2.09	1.46	0.1	0	0.82	0	58.95	380.65	66.49
77.02	451.27	18.13	2.08	2.66	0.12	0	0.8	0	62.95	366.3	69.39
79.16	482.56	12.75	2.07	3.7	0.19	0	1.58	0	67.05	381.19	81.38
79.17	513.75	18.85	2.07	2.69	0.13	0	0.77	0	75.59	372.18	84.86
79.67	540.67	19.35	2.17	3.12	0.25	0	0.75	0	78.01	404.17	75.05
78.57	530.6	20.57	2.71	5.2	0.15	0	0.73	0	83.64	404.43	74.45
79.98	531.71	23.86	2.19	4.53	0.22	0	0.71	0	90.93	392.06	78.25
81.47	504.14	15.17	1.77	4.88	0.51	0	1.05	0	90.73	372.86	89.69
79.54	493.35	15.32	1.85	4.74	0.66	0	0.68	0	88.78	391.97	94.03
79.96	484.61	16.15	1.83	3.6	0.66	0	1.2	0	88.43	376.99	96.17
76.91	479.82	16.98	1.86	3.34	0.59	0	1.03	0	90.18	373.42	96.32
76.61	469.97	17.35	2.5	5.27	0.55	0	0.83	0	86.67	366.43	96.93
77.77	468.01	18.73	2.75	4.82	0.64	0	1.2	0	86.44	372.55	97.95
83.51	432.04	25.65	3.47	3.5	0.23	0	1.12	0	119.1	405.08	67.57
84.22	425.91	25.38	3.43	3.48	0.23	0	1.46	0	120.67	432	61.69
68.54795	305.5342	27.78082	4.191781	6.383562	0.849315	0	3.232877	0.027397	106.274	414.1918	106.6849
67.39726	303.3425	27.69863	4.273973	7.013699	0.821918	0	2.465753	0.027397	106.3836	408.6849	111.0137
64.10959	294.7123	26.71233	4.356164	7.424658	0.657534	0	2.739726	0	104.9315	401.7808	119.3699

61.94521	289.0137	27.17808	4.383562	8.575342	0.383562	0	2.684932	0	106.7397	411.2329	123.4521
41.39	145.71	19.31	33.56	159.41	0.92	0	0	0.49	107.3	43.17	126.39
41.83	131.18	16.9	32.84	157.62	1.01	0	0	0.49	109.32	43.14	126.32
55.26	130.38	17.78	32.04	165.37	1.03	0	0	0.31	109.38	48.32	131.85
48.05	129.02	20.57	33.95	238.19	0.98	0	0	1.1	106.28	55.13	136.67
41.24	134.08	18.53	32.91	222.2	1.06	0	0	0.5	110.42	47.72	149.85
41.96	130.2	17.93	34.09	207.15	1.01	0	0	0.68	113.45	56.11	142.43
39.29	139.55	20.04	35.04	201.89	1.03	0	0	0.49	117.44	66.64	160.59
42.1	142.14	22.33	35.72	227.38	1.1	0	0	1.49	107.04	57.78	135.47
53.88	135.76	21.14	36.17	230.27	0.93	0	0	0.55	110.38	57.03	143.38
40.38	130.91	20.11	36.37	217.97	1.19	0	0	0.55	108.64	51.08	148.87
39.75	149.36	21.71	37.04	219.22	1.1	0	0	0.59	108.08	50.19	149.21
39.58	122.02	22.93	38.62	232.7	0.98	0	0	0.62	105.07	49.33	139.29
39.85	137.48	17.57	41.88	229.07	1.16	0	0	0.66	104.86	42.45	134.54
41.99	152	20.67	47.64	269.74	1.03	0	0	0.82	105.44	43.6	88.96
36.78	139.19	15.38	49.83	213.42	1.17	0	0	0.55	105.85	30.88	155.9
52.51	161.3	4.39	46.9	243.73	1.17	0	0	0.59	95.23	38.62	125.98
49.91	159.34	17.87	49.55	212.99	1.02	0	0	1.54	93.78	44.16	164.62
56.4	155.79	23.69	63.52	214.17	1.26	0	0	0.87	115.85	44.71	144.69
50.62	129.78	27.13	65.42	189.84	1.13	0	0	0.7	137.19	51.73	155.39
46.59	201.81	29.19	65.69	198.64	4.87	0	0	0.79	152.42	53.37	156.22
56.21	195.75	33.37	63.27	186.76	5.97	0	0	0.73	120.65	70.95	162.8
58.05	203.69	33.99	64.45	174.39	5.14	0	0	0.55	128.9	61.58	183.49
57.93	226.08	42.21	64.12	168.74	3.48	0	0	0.69	140.04	54.5	237.26
50.18	208.02	44.31	65.25	239.07	2.17	0	0	0.63	133.25	65.87	223.51
51.66	208.98	25.59	76.22	237.76	1.92	0	0	0.38	135.14	74	233.92
40.41	313.69	40.18	72	227.48	1.46	0	0	0.45	126	49.78	196.13
26.73	328.58	10.41	67.7	221.03	1.35	0	0	0.15	107.32	121.01	216.08
30.75	283.65	20.98	71.99	267.68	1	0	0	0.57	111.38	124.97	147.92
29.99	304.26	21.27	74.47	243.62	0.93	0	0	0.24	119.45	114.97	168.08
34.42	290.8	21.88	78.79	243.13	1.2	0	0	0.32	115.75	168.1	143.25
51.09	284.56	22.8	64.04	244	0.99	0	0	0.47	116.55	194.2	150.58
34.85	273.03	59.63	58.16	226.24	0.75	0	0	0.37	117.54	225.16	153.59
33.13	278.14	92.08	49.02	207.75	1.02	0	0	0.32	116.01	248.86	166
30.56	273.98	105.93	36.76	218.2	0.81	0	0	0.25	120.11	231.6	146.48
33.74	219.44	23.93	53.86	253.27	2.02	0	0	0.16	125.58	179.98	126.09
35.22	227.8	34.8	62.43	252.95	1.36	0	0	0.22	148.49	177.59	113.83
41.07	222.65	41.89	69.87	196.02	1.74	0	0	0.24	147.13	186.13	135.84
40.69	216.41	39.82	74.39	199.53	1.54	0	0	0.28	148.96	154.72	137.17
36.06	196.29	22.07	82.39	191.33	1.59	0	0	0.25	137.31	184.44	140.79
34.53	177.43	47.21	77.82	207.33	1.78	0	0	0.23	140.66	176.93	132.63
31.47	163.05	38.37	78.81	204.66	1.05	0	0	0.37	141.38	202.48	136.09
32.22	182.05	41.42	81.06	195.31	2.11	0	0	0.5	146	154.4	139.51
30.41	149.9	48.06	76.35	188.85	3.24	0	0	0.44	146.11	154.74	143.48
34.74	156.95	42.83	76.74	179.02	2.68	0	0	0.38	139.32	179.93	143.99
37.38	135.88	54.42	76.56	181.97	1.98	0	0	0.32	143.66	179.53	151.77
40.9	131.18	54.83	80.63	182.85	3.24	0	0	0.49	142.4	165.36	161.57
47.47	131.63	47.41	86.55	182.08	2.9	0	0	1.39	144.47	146.16	163.86
46.18	123.67	54.14	89.31	186.42	3.44	0	0	0.59	141.45	127.6	167.01

48.85	121.84	55.22	87.22	186.8	1.23	0	0	0.71	140.82	127.91	173.16
60.53	140.86	46.44	102.75	187.63	0.46	0	1.56	0.83	136.61	132.76	172.48
57.21	129.92	51.02	97.61	188.29	0.21	0	2	0.92	134.63	134.37	164.22
57.9	137.8	55.08	100.1	188.15	0.57	0	2.66	1.47	133.94	123.48	143.99
62.15	135.18	52.57	97.41	188.15	0.58	0	2.34	1.29	133.64	165.15	144.68
41.42466	37.47945	46.21918	96.43836	282.137	0.493151	0	1.424658	1.835616	158.3288	177.5068	153.1233
34.68493	36.76712	45.72603	94.68493	282.1918	0.575342	0	1.205479	1.013699	154.8219	173.6986	155.9178
33.23288	39.17808	44.84932	91.64384	282.4384	0.90411	0	1.205479	1.178082	150.4658	193.2055	154.0274
32.87671	35.20548	44.63014	85.09589	283.3151	0.630137	0	1.068493	1.123288	160.1644	173.863	154.1918
100.47	156.85	11.19	2.22	1.32	0	0	0	0	78.06	237.67	0
109.2	159.82	6.09	2.25	1.52	0	0	0	0	78.6	205.29	0
105.77	150.14	5.55	2.27	0.61	0	0	0	0	80.58	191.76	0
107.01	152.73	6.04	2.29	0.77	0	0	0	0	78.69	180.39	0
103.34	137.28	6.58	2.31	0.92	0	0	0	0	83.87	177.16	0
104.39	128.36	7.78	2.32	0.87	0	0	0	0	87.45	184.28	0
107.75	130.93	7.49	2.33	0.83	0	0	0	0	93.32	177.78	0
108.76	127.52	9.58	2.34	0.82	0	0	0	0	74.66	177.96	0
92.17	146.86	15.31	2.34	0.08	0	0	0	0	77.02	182.1	0.01
92.33	156.8	12.56	2.33	0.27	0	0	0	0	81.7	185.72	0.49
86.12	156.86	22.06	2.45	0.82	0	0	0	0	82.37	192.91	4.37
95.02	161.65	19.22	2.32	1.12	0	0	0	0	80.68	187.58	6.21
77.7	158.06	24.59	2.49	2.81	0	0	0	0	87.2	182.87	7.65
88.47	161.03	21	2.73	0.62	0.22	0	0	0	89.5	183.08	5.88
92.5	167.2	16.73	2.91	3.15	0.29	0	0	0	102.28	179.92	2.24
94.4	167.26	15.52	3.08	5.42	0.26	0	0	0	99.21	182.87	0.75
86.42	167.56	38.36	2.99	5.63	0.27	0	0	0	112.08	174.3	6.13
89.91	175.64	18.81	3.01	13.8	0.29	0	0	0	126.07	172.28	5.93
91.95	170.64	18.26	3.16	13.59	0.33	0	0	0	103.47	174.96	5.76
97.15	172.22	17.72	2.91	13.78	0.43	0	0	0	114.27	172.54	5.59
104.65	169.69	17.21	3.53	9.59	0.57	0	0	0	130.86	176.74	99.18
97.35	155.31	16.72	3.43	5.1	0.51	0	0	0	147.38	166.77	113.74
102.65	155.12	16.24	3.33	4.95	0.58	0	0	0	141.94	163.38	115.44
83.46	149.64	15.71	3.22	8.21	0.56	0	0	0	139.85	173.19	101.12
80.73	147.48	17	3.15	11.35	0.56	0	0	0	139.64	168.71	121.36
76.4	136.51	16.31	3.04	8.62	0.15	0	0	0	142.16	183.91	126.61
84.2	153.28	15.63	2.93	9.96	0.39	0	0	0	136.88	177.56	144.79
74.71	156	35.35	3.35	12.92	0.55	0	0	0	135.25	179.81	153.79
75.15	150.05	57.94	3.78	19.23	0.53	0	0	0	131.58	186.71	156.3
66.2	139.4	45.85	3.68	28.2	0.51	0	0	0	106.26	186.67	136.1
69.72	147.52	29.79	3.61	22.83	0.49	0	0	0	107.1	180.57	137
76.64	156.12	29.17	3.56	16.48	0.48	0	0	0	112.31	177.76	133.47
77.31	136.54	29.05	3.34	28.78	0.47	0	0	0	104.51	178.61	111.99
71.29	136.13	29.62	3.11	25.29	0.46	0	0	0	104.29	177.21	113.67
71.73	118.48	28.77	3.3	21.94	0.46	0	0	0	95.05	177.24	107.94
65.52	116.79	29.4	3.28	25.76	0.17	0	0	0	98.22	175.4	72.03
72.38	177.36	35.63	15.83	23.76	0.21	0	3.37	0.23	81.52	157.63	82.68
71.94	160.86	37.68	13.41	23.47	0.19	0	8.72	0.03	96.4	163.07	81.42
63.18	185.5	48.15	17.38	28.71	0.26	0	8.62	0.76	112.11	163.55	87.57
65.69	229.84	39.91	10.5	32.79	0.91	0	9.52	1.57	106.06	180.53	92.38

64.03	163.14	32.01	16.81	26.36	0.32	0	7.53	1.73	103.83	188.7	91.43
84.24	176.01	25.73	15.88	39.51	0.15	0	14.69	0.09	108.43	173.89	109.22
71.41	160.99	30.72	32.78	50.83	0.49	0	8.98	2.53	99.11	159.91	116.5
108.48	203.57	37.96	26.95	54.8	0.65	0	25.15	1.55	78.17	184.91	104.73
74.36	232.53	28.92	24.09	61.1	0.57	0	12.95	1.64	73.14	170.12	94.87
68.82	168.09	28.15	14.61	57.48	0.28	0	11.78	0.44	97.44	156.94	107.83
63.5	138.99	30.72	15.29	49.94	0.22	0	11.28	1.07	86.33	156.56	120.18
58.29	127	32.79	13.83	48.06	0.08	0	9.96	0.79	86.11	155.04	125.54
57.76	134.55	34.83	13.59	49.71	0.08	0	9.56	0.78	82.24	158.66	119.89
58.18	136.21	32.2	14.31	47.65	0.07	0	9.81	0.76	91.56	158.83	121.07
53.29	133.22	33.55	14.43	50.92	0.07	0	10.37	0.75	89.37	161.82	123.91
53.19	135.28	38.79	14.28	55.37	0.02	0	9.8	0.74	87.57	164.09	126.07
61.28	156.62	34.06	16.92	57.94	0.17	0	10.1	1.52	95.3	176.3	101.77
139.63	861.61	274.45	7.41	3.98	0.56	0	4.62	0	126.59	96.81	150.41
141.5	787.2	271.95	6.61	4.09	0.54	0	5.19	0	123.15	92.41	162.85
137.75	768.51	267.94	7.37	3.58	0.56	0	4.25	0	117.51	96.8	170.27
140.6	772.75	265.31	7.4	3.94	0.56	0	5.7	0	119.23	100.23	155.86
139.67	832.57	261.2	7.87	4.31	0.49	0	6.12	0	126.26	98.68	143.73
141.98	824.58	252.22	7.8	3.89	0.59	0	5.62	0	128.2	119.13	166.73
141.14	802.88	248.92	9.88	4.32	0.52	0	5.6	0	126.37	111.41	164.06
143.04	802.25	238.21	10.27	4.21	0.55	0	5.73	0	121.74	91.71	160.69
141.16	796.87	237.19	8.83	3.88	0.51	0	5.93	0	121.55	89.34	153.53
144.66	814.52	235.86	8.77	4.34	0.48	0	6.06	0	124.87	104.65	155.81
141.14	883.77	234.43	9.17	4.91	0.53	0	5.68	0	129.95	108.37	153.64
132.77	871.66	233.14	10.68	5.75	0.61	0	5.88	0	131.13	102.99	146.09
136.06	875.74	231.37	11.42	5.5	0.65	0	6.28	0	129.69	101.52	156.16
149.35	915.97	229.96	13.06	5.53	0.54	0	6.34	0	125.65	116.22	156.14
156.32	977.85	225.51	13.07	5.12	0.56	0	6.81	0	126.87	114.56	154.4
164.24	999.22	222.92	13.29	6.65	0.67	0	7.21	0	126.59	119.49	160.18
163	1049.06	225.45	11.7	8.13	0.67	0	7.41	0	118.15	126.61	160.88
162.69	1013.72	233.53	13.42	5.41	0.58	0	6.89	0	116.51	121.52	157.27
166.86	1045.14	209.1	13.65	5.37	0.64	0	8.01	0	122.13	127.2	155.2
167.27	1071.99	201.51	14.2	6.43	0.66	0	7.91	0	122.66	130.87	168.34
164.6	1064.9	196.33	14.85	6.7	0.62	0	8.22	0	121.75	131.92	169.59
157.67	1067	196.48	14.46	8.39	0.64	0	8.73	0	123.21	137.77	164.83
158.88	1037.7	197.95	15.07	8.62	0.7	0	7.97	0	128.39	136.12	164.85
150.43	1091.21	195.83	14.13	7.61	0.7	0	7.7	0	128.69	147.77	170.36
151.58	1066.75	195.57	14.92	8.86	0.76	0	8.1	0	125.5	150.4	167.95
149.39	1062.96	194.28	14.42	12.13	0.7	0	8.12	0	119.53	150.68	151.21
151.99	999.21	194.14	14.23	10.1	0.69	0	8.88	0	115.66	147.61	149.41
153.78	993.17	194.61	14.19	10.13	0.72	0	7.18	0.14	118.9	175.17	156.91
154.53	1062.84	195.34	13.75	10.6	0.77	0	7.39	0.14	119.12	174.74	153.09
150.74	998.66	194.77	16.57	11.69	0.77	0	7.49	0.14	118.2	180.82	159.89
149.02	983.86	196.48	18.38	12.54	0.79	0	8.11	0.13	118.93	168.92	164.61
153.73	1023.09	194.94	19.99	15.59	0.81	0	8.42	0.12	121.11	181	199.69
153.59	1049.66	182.64	20.87	15.5	0.87	0	8.17	0.18	125.82	181.46	207.35
157.67	1090.06	183.98	23.51	15.92	0.89	0	10.14	0.21	133.58	190.79	187.19
160.4	989.18	171.62	22.39	12.43	0.86	0	8.63	0.18	117.34	177.64	211.47
161.14	993.92	155.29	24.92	9.94	0.97	0	7.67	0.22	122.54	191.58	210.55

165.31	972.18	159.28	24.47	10.66	0.97	0	7.41	0.18	119.61	192.86	217.06
169.79	980.18	146.93	23.14	11.24	0.97	0	7.43	0.19	126.16	199.07	212.92
171.76	985.31	150.81	31.07	11.67	1.02	0	7.13	0.19	127.7	205.38	222.21
167.81	1003.05	149.77	27.85	11.88	1.13	0	5.84	0.23	128.74	201.62	219.3
167.29	1028.51	149.06	30.74	12.6	1.08	0	6.63	0.18	122.68	207.62	224.17
177.94	1065.4	151	36.24	13.22	1.17	0	6.97	0.22	115.24	211.17	224.01
180.73	1077.28	149.76	34.7	14.99	1.03	0	6.57	0.23	114.7	215.8	221.56
181.82	1054.43	161.13	35.38	15.95	1.2	0	7.39	0.2	113.24	230.85	223.74
179.99	1049.65	167.43	38.24	15.67	1.37	0	8.98	0.24	114.83	230.98	222.32
179.4	1052.99	165.07	38.13	14.24	1.61	0	10.98	0.24	112.84	243.68	218.09
180.14	1009.69	164.72	40.51	14.9	1.77	0	13.75	0.28	114.07	236.31	219.86
178.76	1028.92	160.14	44.09	17.04	1.81	0	14.22	0.25	111.38	243.8	217.77
177.34	1022.5	159.14	42.2	15.64	1.7	0	12.88	0.29	110.93	251.8	217.85
181.2	1009.08	156.6	43.45	16.87	1.77	0	13.66	0.29	105.95	242.17	219.63
181.76	988.17	159.77	43.06	17.04	2.03	0	13.21	0.36	110	257.82	208.58
175	983.93	163.91	42.56	15.87	2.04	0	13.45	0.28	110	269.56	210.36
179.47	978.43	163.87	45.6	16.34	2.13	0	13.96	0.35	115.23	258.96	218.07
171.9452	971.4795	145.6712	44.9863	16.82192	2.054795	0	6.109589	0.986301	136.1644	242.7671	220.274
173.4247	968.2192	141.4795	45.17808	16.73973	2.082192	0	6.054795	0.876712	116.4932	245.1233	229.2603
169.4247	918.8767	146.3562	46.05479	16.60274	2.027397	0	5.863014	0.794521	129.4521	245.8356	223.8904
166.1096	883.8904	143.9452	45.47945	16.60274	1.972603	0	5.534247	0.657534	128.3288	235.2329	261.9452
155.51	888.64	181.27	12.03	6.58	0.82	0	15.63	0	146.47	208.66	329.63
163.46	868.18	182.42	13.57	6.75	0.86	0	16.29	0	149.58	197.16	273.91
159.7	857.71	181.07	15.01	6.51	0.78	0	15.93	0	122.12	219.48	286.07
167.17	858.23	165.87	15.66	6.29	0.75	0	18.27	0	139.22	215.37	265.5
165.89	876.63	159.05	15.64	5.42	0.79	0	16.07	0	138.15	204.25	272.83
168.05	855.56	156.66	16.54	8.26	0.76	0	16.67	0	137.61	217.85	262.53
173.71	799.18	154.8	16.36	5.48	0.88	0	16.17	0	133.47	215.4	252.64
179.33	802.67	153.63	16.84	5.92	0.93	0	16.27	0	146.75	209.5	265.25
184.02	802.77	153.6	17.78	2.97	0.94	0	17.05	0	142.89	214.9	262.54
190.92	846.71	150.74	18.26	5.88	0.83	0	16.22	0	146.08	210.58	256.05
195.82	811.98	149.71	18.17	5.01	0.98	0	16.6	0	141.87	215.84	247.01
199.28	805.28	142.89	19.63	4.75	1.01	0	17.2	0	155.83	221.84	259.74
203.04	837.98	140.91	21.09	8.25	1.21	0	18.41	0	138.8	229.91	251.78
199.73	842.76	135.67	19.32	6.29	1.08	0	15.91	0	147.4	239.25	230.53
192.78	874.3	134.78	17.76	6.42	1.02	0	17.09	0	101.58	212.16	223.49
203.57	905.66	133.86	19.39	7.25	1.23	0	18.59	0	118.12	233.43	228.41
211.64	961.8	144.34	19.12	6.66	1.09	0	18.52	0	143.17	232.08	235.64
215.28	970	135.88	18.98	7.37	1.16	0	18.17	0	122.75	263.51	239.79
221.07	916.74	136.45	20.86	7.73	1.37	0	20.22	0	125.48	228.41	225.94
229.38	940.52	133.05	21.99	9.37	1.37	0	20.18	0	126.89	258.49	234.1
225.42	949.31	130.98	22.36	8.57	1.4	0	18.22	0	132.3	273.47	241.85
230.54	954.23	137.54	22.21	9.04	1.31	0	23.31	0	123.64	262.31	226.16
226.11	953.94	126.94	22.8	8.8	1.45	0	21.75	0	139.24	256	221.7
225.67	988.01	138.02	24.33	7.49	1.34	0	23.97	0	131.79	269.58	217.66
228.19	974.42	130.27	25.23	9.08	1.6	0	21.65	0	128.25	263.99	221.71
227.03	953.09	129.94	26.52	9.29	1.44	0	24.9	0	134.71	249.21	217.45
223.62	954.66	127.13	28.69	10.25	1.49	0	21.18	0.89	132.21	241.27	232.55
217.81	920.88	125.26	31.64	10.7	1.13	0	23.43	0.07	143.4	261.16	229.7

216.13	940.56	123.58	31.76	11.05	1.26	0	22.03	0.06	137.26	249.54	234.93
213.97	966.32	125.59	30.22	12.13	1.26	0	21.6	1.49	139.73	248.67	251.66
213.15	986.54	124.05	31.56	12.92	1.31	0	22.02	0.06	123.05	257.17	248.64
206.96	966.1	131.81	30.46	11.95	1.27	0	22.34	0.71	133.84	252.14	261.35
200.71	962.06	127.07	29.67	13.08	1.2	0	22.01	0.15	137.3	247.05	249.08
187.27	954.63	135.24	31.37	12.21	1.13	0	22.1	0.26	123.76	253.22	254.04
188.73	927.15	131.55	30.89	12.16	1.13	0	22.2	0.03	133.33	264.27	236.04
181.48	917.2	132.11	33.28	11.83	1.15	0	22.86	0.05	143.67	265.77	247.28
178.48	909.15	121.36	33.44	12.95	1.17	0	23.64	0.75	141.21	259.65	249.65
181.62	894.3	119.02	34.02	12.49	1.17	0	22.86	1.4	132.52	264.2	254.3
179.5	814.64	122.92	33.44	13.78	1.17	0	22.99	0.7	138.02	260.32	259.91
173.57	905.7	161.02	35.11	13.93	1.29	0	22.94	0.55	149.18	275.23	275.34
174.09	856.92	124.31	36.91	14.96	1.28	0	23.67	0.98	147.34	267.44	250.44
175.58	881.85	122.58	37.78	12.72	1.4	0	23.17	0.19	156.58	271.37	263.06
174.5	890.66	122.14	38.95	14.6	1.34	0	22.8	0.33	155.79	261	260.01
171.76	876.53	115.17	39.89	15.75	1.06	0	23.47	0.19	162.79	263.47	254.41
174.46	870.2	111.33	38.67	15.21	1.17	0	23.6	0.24	161.24	241.74	250.94
175.8	888.15	101.72	35.35	13.02	1.24	0	22.4	0.23	164.24	242.54	251.93
172.48	894.19	106.71	40.74	13.47	1.27	0	24.54	0.49	161.52	248.58	250.91
173.04	874.66	118.07	43.41	14.81	1.35	0	24.03	0.84	162.82	262.11	234.85
168.78	890.11	120.24	43.66	13.98	1.35	0	23.01	0.64	159.24	274.24	254.68
171.87	888.63	118.92	43.44	10.33	1.44	0	22.98	0.86	160.88	285.79	248.22
169.73	894.42	114.37	44.55	10.03	1.46	0	23.49	0.36	159.5	311.55	266.95
162.8	888.2	120.81	44.67	8.63	1.36	0	22.11	0.29	165.33	297.34	245.93
163.59	902.01	111.58	44.88	6.66	1.49	0	24.64	1.22	165.51	298.68	245.23
161.0959	919.9178	109.6712	43.53425	7.260274	1.424658	0	12.76712	0.657534	171.1781	254.411	260.6301
155.8082	904.7123	103.6164	43.39726	7.287671	1.424658	0	12.35616	0.273973	166.8219	252.4658	250.9863
154.3836	881.4521	109.4795	43.31507	7.205479	1.39726	0	12.24658	0.684932	153.4521	249.5616	238.2192
149.8082	865.2603	109.2877	43.06849	7.068493	1.424658	0	12.54795	0.767123	151.5342	252.7123	279.0137
45.96	250.66	85.82	2.58	12.35	0	0	3.53	0	30.6	271.49	342.16
30.41	227.21	79.02	0.88	8.74	0.08	0	3.12	0	29.8	324.39	371.79
29.42	223.1	81.67	0.58	11	0	0	3.54	0	32.46	259.25	380.45
33.74	187.73	76.12	0.28	15.09	0	0	3.31	0	36.19	264.73	400.14
34.33	82.49	62.16	0.09	12.8	0	0	2.6	0	39.27	194.47	403.06
26.37	109.44	62.76	0.06	13.32	0	0	2.26	0	40.58	152.32	412.29
25.43	117.85	60.14	0.12	12.25	0	0	2.66	0	35.59	165.38	436.51
25.65	135.4	77.31	0.21	12.98	0.06	0	2.59	0	35.18	207.79	434.42
26.51	137.35	90.79	0.23	17.64	0.06	0	2.28	0	40.42	168.03	415.26
25.08	151.54	84.73	0.17	16.91	0.07	0	2.47	0	31.87	195.52	372.68
28.26	154.23	85.14	0.41	13.84	0.08	0	2.9	0	35.72	219.54	386.55
28.6	150.8	93.27	1.57	15.66	0.08	0	2.53	0	36.96	250.78	360.59
26.04	147.18	106.89	2.47	11.46	0.08	0	2.84	0	37.79	269.07	359.5
28.33	148.53	96.61	3.95	14.03	0.08	0	2.77	0	38.68	283.46	389.07
27.84	175.06	100.06	1.56	12.94	0.09	0	2.63	0	45.07	311.18	370.18
29.87	149.66	99.4	7.97	14.58	0.07	0	2.3	0	44.67	281.7	381.28
33.5	147.58	139.38	9.67	14.25	0.08	0	2.34	0	47.75	327.11	362.76
31.51	144.81	114.86	10.49	17.95	0.08	0	2.35	0	50.26	382.27	366.32
33	145.69	112.04	8.84	18.95	0.07	0	2.28	0	49.71	384.11	366.75
33.56	145.03	88.93	9.11	19.54	0.08	0	2.24	0	51.56	426.98	338.54

86.91	145.99	96.05	9.16	19.41	0.06	0	2.3	0	50.58	450.88	349.97
93.43	149.52	98.39	7.11	19.16	0.07	0	2.25	0	51.94	468.45	357.78
37.06849	150.3562	93.28767	11.80822	32.21918	0.082192	0	2.082192	0	56.87671	501.6712	344.2192
37.80822	156.8767	99.89041	11.75342	31.91781	0.082192	0	2.054795	0	52.13699	523.0411	340
38.63014	153.6438	93.26027	10.16438	34.79452	0.328767	0	2	0	47.34247	540.5205	339.4521
39.28767	155.3151	86.79452	12.19178	32.68493	0.90411	0	1.972603	0	49.23288	572.1644	335.5616
34.81	6.76	0.02	8.91	390.96	0.55	0	0.17	1.27	59.01	126.19	2.25
35.05	7.1	0.21	9.03	420.74	0.56	0	0.2	1.42	59.47	131.67	2.37
34.29	8.04	0.18	9.76	443.43	0.7	0	0.21	1.38	55.7	140.07	2.69
36.11	7.26	0.05	10.45	445.45	0.66	0	0.2	1.16	77.61	131.31	2.13
35.04	7.94	0.57	11.1	408.51	0.71	0	0.24	0.87	89.16	130.13	1.83
35.75	12.11	0.53	11.94	461.3	0.77	0	0.25	1.26	53.47	140.72	3.71
35.7	13.37	0.6	12.75	419.16	0.78	0	0.27	1.24	43.03	144.47	3.01
36.28	16.14	0.54	13.64	432.68	0.77	0	0.26	1.12	60.1	148.71	2.7
36.55	22.58	0.74	14.54	429.3	0.8	0	0.24	1.17	121.3	160.58	3.3
36.87	24.02	0.54	15.67	433.09	0.68	0	0.25	1.28	107.4	142.94	5.65
32.03	20.76	0.69	14.86	437.4	0.84	0	0.27	1.39	92.87	149.77	4.34
31.67	18.43	0.82	14.93	431.18	0.83	0	0.27	1.36	63.81	150.06	6.51
34.18	26.51	0.38	18.87	438.75	0.81	0	0.3	1.61	206.49	163.07	5.68
33.13	16.59	0.43	17.16	432.65	0.75	0	0.36	1.7	290.91	153.74	5.31
32.1	18.97	0.39	18.59	435.22	1.07	0	0.32	1.78	257.1	159.15	3.77
31.79	22.65	0.23	17.41	413.33	0.92	0	0.32	1.75	222.72	155.98	8.3
31.92	25.46	0.32	18.92	393.81	1.33	0	0.26	0.9	235.34	141.8	4.65
41.04	27.34	0.11	21.05	438.29	1.53	0	0.33	1.55	200	140.61	6.53
35.79	25.94	0.26	20.79	391.81	1.29	0	0.29	1.22	185.78	145.65	8.84
34.51	21.31	0.4	18.93	376.18	1.27	0	0.58	2.06	130.18	154.89	11.07
36.27	25.71	0.71	20.53	368.23	1.21	0	0.59	2.76	225.84	157.77	10.09
36.89	16.21	0.24	20.63	337.54	1.14	0	0.35	2.26	135.27	157.05	5.97
32.72	26.25	0.44	22.97	363.16	1.16	0	1.34	3.04	121.93	131.83	10.37
35.36	26.64	0.58	21.05	338.9	1.08	0	0.88	3.54	121.64	123.59	6.98
40.51	25.36	0.78	22.13	322.3	1.07	0	1.31	5.34	117.77	120.87	7.09
34.1	30.82	0.39	22.18	334.99	1.13	0	1.18	5.78	119.19	115.31	7.62
35.97	34.65	0.6	22.51	325.18	1.04	0	1.15	5.69	121.75	113.16	10.53
35.54	39.95	3.31	23.61	311.8	0.88	0	1.42	5.6	130.61	113.4	12.99
35.2	30.28	2.89	24.58	286.65	1.18	0	1.18	5.56	149.69	107.56	14.37
42.09	40.3	3.02	24.86	311.48	1.2	0	1.08	5.48	147.66	108.28	11.95
42.3	41.82	3.49	32.87	322.21	1.4	0	1.67	4.95	157.86	113.84	16.31
44.58	50.25	4.66	39.63	304.54	0.83	0	1.65	5.4	178.71	114.1	15.66
45.36	44.46	5.62	40.75	297.21	2.34	0	1.92	4.17	176.98	118.54	19.15
46.57	58.24	6.26	37.67	310.2	2.9	0	1.7	4.84	176.62	126.04	20.94
44.52	71.37	7.82	37.44	304.39	3.23	0	1.73	5.27	209.03	130.12	17.56
41.12	68.69	8.79	39.24	335.85	3.85	0	2.05	5.81	224.1	126.98	21.4
39.45	78.04	9.26	38.23	335.26	3.81	0	2.02	5.93	221.54	128.32	15.59
36.68	62.11	9.19	40.77	335.96	4.48	0	1.76	5.67	281.37	128.45	19.12
34.62	64.07	9.91	37.83	332.53	4.41	0	1.96	5.67	195.55	129.16	21.39
40.38	63.7	11.92	34.18	321.15	5.18	0	2.83	6.78	190.06	162.33	20.59
37.91	55.91	11.24	33.22	309.09	7.33	0	2.55	5.56	185.69	167.41	25.09
40.63	55.87	11.15	32.69	311.19	8.51	0	2.46	6.13	201.24	169.67	26.92
43.74	66.55	12.88	33.47	315.49	6.88	0	2.2	5.82	228.06	143.99	22.43

44.5	83.32	12.28	29.95	313.09	5.3	0	2.19	5.85	215.59	160.34	28.13
45.22	70.59	15.09	32.95	322.1	5	0	3.46	5.87	183.9	150.42	36.88
47.36	68.24	13.69	34.16	327.77	4.68	0	3.11	5.83	199.23	147.61	33.13
52.61	59.37	10.66	33.9	308.71	5.85	0	2.78	5.94	222.46	160.51	31.32
47.56	65.43	11.43	32.45	322.93	5.65	0	3.03	5.94	241.47	155.11	24.4
43.85	62.16	12.64	32.6	322.55	5.49	0	2.84	5.9	233.26	155.05	27.27
46.26	72.54	15.34	33.47	312.32	6.43	0	3.23	5.87	236.44	156.83	30.66
45.96	78.21	14	33.53	307.04	6.09	0	2.61	6	234.06	155.29	32.34
46.31	83.57	15.45	33.84	313.98	5.83	0	2.55	5.89	248.02	163.18	33.1
45.91	80.95	13.34	37.51	313.89	4.87	0	2.75	5.84	276.83	163.37	29.95
44.30137	40.52055	8.30137	39.69863	491.863	5.890411	0	3.506849	5.671233	271.9178	127.8904	29.89041
44.35616	38.93151	8.986301	36.30137	484.5205	6.30137	0	3.643836	5.863014	252.9041	133.3699	39.86301
44.21918	43.47945	10.13699	34.71233	478.4384	5.561644	0	3.041096	5.945205	262.9863	138.8219	34.0274
43.17808	40.9589	9.972603	35.47945	487.0411	3.945205	0	3.09589	4.273973	122.8493	140.6027	31.53425
48.91	284.29	96.97	15.8	4.79	0.64	0	5.55	3.41	59.9	487.46	407.23
66.14	287.23	91.38	22.09	0.76	0.18	0	5.75	1.31	65.42	415.98	342.2
85.4	296.05	127.46	33.6	1.36	0.19	0	6.81	0.25	94.41	435.1	329.85
77.57	270.1	142.2	29.49	1.15	0.18	0	6.8	0.13	97.76	482.28	307.96
79.19	247.54	137.43	29.97	12.99	0.29	0	9.1	0.71	101.68	501.45	288.44
64.31	236.69	160.57	22.37	11.03	0.18	0	7.24	0.11	101.33	412.72	355.14
67.18	283.11	164.24	25.87	4.86	0.26	0	5.71	0.05	105.92	508.16	354.67
60.91	306.84	131.1	35.15	4.07	0.37	0	7.37	0.29	104.91	496.81	288.52
54.66	331.29	125.95	33.04	6.58	0.22	0	6.84	0.37	102.15	514.81	286.6
52.13	313	130.89	33.13	3.64	0.35	0	3.8	0.55	96.11	537	269.04
75.15	308.4	149.27	36.09	4.66	0.34	0	5.78	4.15	99.62	434.65	282.04
73.12	316.73	129.31	37.29	8.64	0.5	0	8.11	0.15	100.37	430.4	267.57
72.99	354.11	154.85	43.36	6.83	0.51	0	9.47	0.75	102.59	402.7	289.53
74.44	345.49	153.42	37.85	3.85	0.43	0	9.74	1.14	93.65	382.45	296.79
76.56	371.48	138.39	35.23	4.63	1.02	0	10.92	1.48	95.89	396.29	291.26
92.35	433.37	143.99	52	6.88	0.29	0	11.6	0.99	99	423.11	284.25
69.09	439.58	154.02	42.75	6.5	0.84	0	10.68	0.61	110.13	380.85	282.07
73.77	413.07	173.82	46.43	6.21	1.11	0	10.82	0.65	100.41	531.7	301.32
63.87	427.3	162.42	47.81	6.73	1.57	0	12.24	1.61	111.48	550.93	285.51
63.05	431.52	157.6	46.45	7.62	1.55	0	12.78	1.45	106.66	521.22	291.02
64.21	434.34	148.1	51.28	6.38	1.47	0	11.96	0.98	113.68	564.74	291.71
64.67	441.37	162.38	51.42	7.7	1.26	0	12.46	1.25	110.23	562.48	287.13
206.58	10.01	1.29	13.56	209.62	0.12	0	0	5.08	1.83	184	6.23
202.33	10.99	2.33	13.5	207.13	0.13	0	0	4.99	2.38	185.56	7.57
200.62	11.14	2.74	13.39	201.85	0.11	0	0	4.91	1.56	191.75	5.39
223.46	11.01	4.27	13.47	197.79	0.14	0	0	4.82	1.68	188.18	7.23
221.31	10.67	4.41	13.2	200.45	0.15	0	0	4.72	2.86	193.4	7.97
216.86	12.42	6.42	12.96	206.24	0.2	0	0	4.63	5.3	226.78	8.5
206.16	13.56	7.24	12.73	208.92	0.21	0	0.01	4.55	7.35	224.46	11.63
203.84	10.65	7.02	12.49	213.84	0.22	0	0	4.47	5.72	230.42	6.92
198.38	12.32	4.67	12.24	200.37	0.24	0	0	4.38	8.56	231.71	11.98
197.65	12.61	5.19	12.16	193.92	0.26	0	0	4.28	5.83	232.45	11.51
195.88	15.65	5.77	11.84	189.6	0.27	0	0	4.17	6.88	240.46	16.2
192.61	10.96	3.18	11.51	187.75	0.3	0	0	4.05	7.44	239.53	18.44
185.32	13	2.33	11.24	188.97	0.28	0	0	3.96	8.49	239.67	20.87



183.01	11.12	2.29	11.07	190.22	0.33	0	0	3.9	6	251.07	22.5
174.57	7.26	2.29	11.07	195.29	0.33	0	0	3.9	3.72	250.58	25.31
151.01	9.37	2.26	12.1	200.57	0.36	0	0	3.97	4.99	259.37	28.6
143.02	15.24	2.29	12.48	207.3	0.39	0	0	4.09	4.69	280.16	32.45
144.43	18.49	2.42	13.41	210.65	0.43	0	0	4.25	6.82	295.95	36.74
132.1	18.86	2.45	14.77	212.14	0.46	0	0	4.38	9.6	307.95	41.08
120.2	21.83	2.4	15.18	205.36	0.5	0	0	4.45	7.22	311.93	44.93
121.11	23.69	2.39	15.11	210	0.52	0	0	4.43	9.74	324.32	47.89
120.76	26.02	2.3	14.78	210.61	0.53	0	0	4.33	9.55	321.26	49.97
119.95	26.82	2.15	15.63	211.61	0.53	0	0	4.19	9.24	311.36	48.35
119.09	27.7	2	15.78	213.07	0.6	0	0	4.05	8.92	339.71	49.6
126.22	29.48	1.93	15.77	203.51	0.62	0	0	3.92	10.89	317.93	48.03
124.78	28.8	1.85	15.36	202.62	0.63	0	0	3.81	12.83	305.88	49.5
121.65	29.07	1.78	15.22	207.28	0.63	0	0	3.72	12.52	334.1	48.29
120.88	29.23	0.94	14.62	201.84	0.65	0	0	3.63	12.24	291.71	47.14
115.86	28.78	3.3	14.56	208.21	0.66	0	0	3.54	9.92	250.95	45.97
118.58	28.96	6.33	14.59	150.35	0.37	0	0	3.77	9.56	237.99	19.86
107.96	28.03	3.63	15.02	161.04	0.57	0	0	2.44	9.36	214.01	19.2
113.24	28.86	1.36	14.5	151.19	0.71	0	0	4.41	9.32	255.75	18.53
106.51	30.36	3.12	14.82	145.01	0.85	0	0	4.5	8.85	219.73	17.93
98.27	30.2	1.63	14.31	137.09	1.24	0	0	2	10.36	198.78	19.65
89.33	31.38	0.36	15.29	143.35	0.76	0	0	2.69	10.36	179.29	19.36
72.56	31.54	0.36	15.44	148.39	1.91	0	0	3.8	10.52	162.11	19.31
95.25	31.99	1.26	16.38	144.62	0.84	0	0	2.39	10.66	197.12	19.44
97.2	32.76	1.03	16.83	146.18	0.25	0	0	1.99	10.5	181.8	19.24
84.46	31.7	1.29	17.19	144.56	0.35	0	0	3.2	10.77	188.36	18.91
88.35	30.46	1.98	16.49	168.22	0.41	0	0	2.46	12.57	189.38	18.34
93.02	32.98	2.68	16.8	175.26	0.4	0	0	1.98	17.42	195.41	17.13
98.51	34.28	2.71	16.15	170.48	0.47	0	0	1.85	15.85	193.06	38.06
97.69	79.09	2.7	14.98	178.95	0.36	0	0	1.81	16.19	169.86	27.58
97.06	10.8	1.94	14.61	163.67	1.23	0	0.4	1.89	17.95	185.23	27
76.76	9.75	1.48	14.27	170.39	1.3	0	0	2.16	13.55	188.35	25.67
80.49	7.75	2.54	14.03	161.76	1.33	0	0	1.9	19.83	173.69	21.45
82.14	2.38	4.75	13.87	167.44	1.37	0	0	1.71	21.37	178.55	14.49
81.65	13.19	6.1	13.75	166.3	1.43	0	0	1.93	25.64	162.16	44.6
84.32	29.93	5.04	13.65	166.4	1.38	0	0	2.07	27.26	182.37	32.14
83.34	22.37	3.9	13.19	178.84	1.33	0	0	2.35	27.21	147.86	35.95
86.56	23.39	4.03	13.34	181.85	1.23	0	0	2.53	30.87	148.04	29.38
88.23	21.68	4.58	13.11	185.9	1.24	0	0	3.95	37.87	150.05	43.35
88.83	30.13	5.07	15.51	175.9	1.14	0	0	4	34.96	151.31	38.17
78.68493	3.972603	3.835616	10.9589	274.0822	1.068493	0	0.273973	3.671233	52.65753	113.726	46.0274
79.61644	3.863014	4.273973	11.83562	269.5342	1.068493	0	0.054795	3.671233	57.06849	117.3425	46.68493
78.05479	4.246575	4.027397	12.0274	265.5068	1.150685	0	0.136986	3.917808	58.93151	117.1781	47.69863
77.17808	2.794521	3.890411	11.61644	260.3562	1.041096	0	0.027397	3.561644	60.30137	116.5753	49.47945
22.9	8.31	0.45	1.65	21.14	0	0	2.54	0	6.04	93.64	3.56
23.18	9.71	0.49	1.58	15.9	0	0	1.88	0	11.51	92.93	8.67
23.64	10.22	0.49	1.89	20.95	0.01	0	2.91	0	7	90.99	10.36
24.41	10.54	0.53	2.12	25.77	0.01	0	2.15	0	7.8	96.62	10.73
24.26	10	0.53	2.19	26.42	0.01	0	1.9	0	5.65	94.03	11.85

23.81	10.03	0.57	2.48	18.14	0.01	0	2.09	0	13.06	93.97	16.11
22.97	10.73	0.43	2.49	18.51	0.01	0	2.48	0	13.74	89.35	11.13
21.63	8.83	0.42	2.43	22.16	0.01	0	2.05	0	17.52	89.97	11.52
20.68	15.43	0.46	2.33	15.05	0	0	2.83	0	12.47	86.76	14.23
20.09	9.83	0.57	2.42	13.63	0.01	0	2.13	0	10.96	84.7	19.75
17.96	10.47	0.51	2.5	11.74	0.01	0	1.83	0	6.59	85.25	17.24
19.09	10.59	0.5	2.78	21.46	0.01	0	1.47	0	9.73	84.85	18.13
20	10.96	0.55	2.56	11.23	0.01	0	1.22	0	8.94	83.08	17.94
19.57	9.84	0.57	2.86	9.18	0.02	0	1.03	0	4.14	82.86	6.54
20.22	8.6	0.6	2.94	9.21	0	0	1.42	0	2.9	80.96	0.87
19.29	11.71	0.23	2.63	14.33	0.01	0	1.46	0	3.3	79.81	4.69
18.15	15.39	0.51	4.27	22.09	0.01	0	1.37	0	17.04	78.36	30.39
18.14	8.98	0.55	3.92	17.9	0.01	0	1.39	0	11.03	144.74	12.18
17.05	8.44	0.56	3.9	20.12	0.01	0	1.35	0	20.01	137.56	28.98
15.33	10.16	0.92	4.76	28.68	0.02	0	1.36	0	19.56	153.32	19.79
16.28	11.89	1.06	6.22	25.54	0.02	0	1.35	0	14.41	155.43	39.95
18.7	10.96	0.88	7.78	23.39	0.02	0	1.39	0	29.76	138.89	34.79
16.95	10.76	0.86	6.48	28.02	0.01	0	1.38	0	19.46	139.62	47.85
20.86	10.41	0.42	5.72	21.72	0.01	0	1.37	0	26.31	146.07	32.16
21.22	16.68	0.53	4.4	22.05	0.01	0	1.32	0	27.78	169.06	20.75
22.01	11.29	0.9	7.6	24.54	0.01	0	1.35	0	29.85	139.16	34.47
20.62	12.64	0.83	8.75	26.61	0.08	0	2.31	0	15.52	170.12	31.01
21.27	13.76	1.01	10.87	33.2	0.09	0	2.11	0	17.01	173.49	41.92
20.48	11.62	2.19	9.6	37.31	0.11	0	2.12	0	16.47	174.85	35.43
18.43	12.81	0.76	5.44	26.13	0.1	0	2.43	0	12.12	200.3	44.84
17.06	14.98	0.52	5.32	29.53	0.09	0	1.69	0	11.56	204.19	22.25
15.64	16.36	0.77	6.37	33.17	0.02	0	1.75	0	10.2	216.07	38.55
15.04	9.09	0.35	6.13	32.99	0.17	0	1.5	0	5.47	206.66	16.05
15.44	11.19	0.17	6.32	24.99	0.26	0	2.06	0	4.42	223.16	14.07
13.42	13.82	0.33	6.45	26.09	0.32	0	0.45	0	7.57	188.76	32.21
14.78	13.57	0.55	7.43	44.44	0.41	0	0.41	0	11.81	165.87	27.1
15.54	13.96	1.01	8.17	44.72	0.38	0	0.29	0.02	9.02	155.16	35.65
15.43	9.41	0.83	7.79	60.57	0.35	0	0.24	0	11.02	150.04	23.96
15.87	8.69	0.56	7.06	72.52	0.28	0	0.46	0	11.17	146.41	23.21
16.17	11.45	0.67	10.99	61.98	0.14	0	0.34	0	7.76	151.09	19.18
16.54	10.08	1.26	10.99	46.64	0.2	0	0.25	0	7.85	139.49	31.89
16.55	11.66	1.07	11.47	52.87	0.31	0	0.26	0	12.85	154.21	32.51
16.17	10.65	1.05	12.34	48.07	0.27	0	0.73	0.01	15.02	141.27	30.73
16.4	12.68	0.4	10.96	68.24	0.21	0	0.72	0.01	16.07	148.72	29.34
17.55	14.75	0.77	10.67	59.09	0.32	0	0.35	0.06	15.48	150.12	36.7
17.93	14.34	1.8	11.12	58.3	0.2	0	0.46	0.11	18.01	156.35	32.56
17.45	12.98	1.37	11.58	63.56	0.13	0	1.27	0.07	21.59	156.3	32.73
17.43	7.25	1.58	15.28	62.97	0.15	0	1.31	0.01	23.82	152.38	34.28
18.17	11.92	1.08	15.67	60.02	0.21	0	2.29	0.05	27.85	147.37	36.51
18.4	10.4	2.05	16.51	61.79	0.2	0	2.37	0.04	30.47	147.27	33.26
18.17	10.36	1.44	17.44	63.94	0.2	0	0.78	0.03	33.09	147.95	34.51
16.9	22.87	1.86	18.46	64.28	0.19	0	1.07	0.06	33.69	141.96	35.37
17.16	21.86	1.4	18.17	71.2	0.21	0	0.68	0.04	33.25	150.7	35.37
18	21.36986	1.452055	18.41096	91.17808	0.191781	0	0	0	40.41096	136.5479	38.30137

18.10959	22.79452	1.068493	18.57534	67.69863	0.191781	0	1.479452	0	44.08219	122.3288	37.42466
17.17808	20.05479	1.123288	19.0137	61.86301	0.191781	0	1.726027	0	46.08219	120.5205	56.82192
17.0137	17.83562	1.260274	19.34247	62.35616	0.219178	0	0	0	44.65753	119.7534	46
44.94	245.19	30.03	29.18	101.21	1.21	0	0.27	0	101.95	61.44	245.01
43.99	243.75	33.7	30.98	117.67	1.46	0	0.2	0	107.4	61.89	240.09
46.42	267.01	31.51	32.18	102.04	1.36	0	0.22	0	112.69	64.91	248.74
52.37	284.08	34.64	34.6	106.03	1.67	0	0.22	0	105.6	61.82	245.8
48.29	271.17	30.49	33.27	106.25	1.84	0	0.22	0	112.56	57.94	243.06
49.1	275.85	29.11	35.12	106.86	2.2	0	0.27	0	125.33	65.97	239.25
45.31	287.03	27.44	37.32	105.94	1.25	0	0.23	0	123.25	73.86	236.47
42.2	281.53	27.06	40.18	101.64	1.37	0	0.2	0	124.98	76.84	208.48
39.31	329.61	30.31	38.54	102.13	1.68	0	0.1	0	121.06	78.75	257.56
41.69	315.93	32.66	45.09	96.31	2.17	0	0.28	0	118.27	78.43	259.28
40.87	347.95	36.12	42.68	98.56	2.29	0	0.34	0	123.25	90.62	258.49
44.66	330.5	36.92	41.04	98.18	1.75	0	0.23	0	118.11	98.54	258.69
43.05	324.62	34.22	40.88	104.14	1.67	0	0.38	0	128.31	117.53	265.67
43.21	319.79	32.74	43.25	120.69	2.83	0	0.45	0	125.66	125.13	256.49
47.39	316.51	26.77	58.98	111.81	1.49	0	0.49	0	121.39	115.73	265.71
60.42	306.45	32.46	52.78	112.26	0.65	0	0.64	0	125.36	121.13	280.07
52.16	396.43	31.47	63.71	111.01	2.73	0	0.56	0	121.62	128.49	251.75
65.66	388.09	40.24	66.68	109.44	1.53	0	0.45	0	126.64	126.95	260.05
54.61	317.34	56.41	59.06	117.71	4.1	0	0.52	0	140.12	141.21	249.35
67.83	404.93	44.64	58.08	111.53	2.69	0	1.68	0	157.02	167.58	248.45
61.91	409.62	63.15	57.46	107.09	2.32	0	2	0	151.64	151.93	247.54
71.04	432.26	52.81	75.43	105.6	2.46	0	2.05	0	140	170.06	243.28
72.43	445.28	61.69	72.3	104.17	3.59	0	3.29	0	143.58	166.23	216.87
72.21	458.31	52.78	66.9	100.91	3.17	0	4.75	0	145.5	146.59	234.54
67.29	468.99	51.54	65.32	98.28	2.6	0	1.9	0	139.26	162.74	198.27
61.41	477.11	98.3	57.52	62.45	3.03	0	1.25	0	150.12	176.25	277.97
46.39	408.07	80.31	56.77	80.37	1.61	0	0.77	0	155.93	113.58	272.89
36.88	290.84	54.83	50.61	93.76	2.46	0	0.83	0.29	157.95	108.6	257
33.72	263.7	44.21	56.31	92.57	2.42	0	0.71	0.12	141.98	84.28	258.26
31.82	260.53	44.7	57.55	88.4	2.42	0	0.56	0.21	147.41	67.48	258.53
37.07	284.36	59.74	60.46	101.68	2.35	0	0.99	0.19	142.74	92.96	228.42
33.47	272.32	63.36	57.02	91.48	2.84	0	1.24	0.17	131.92	80.54	219.95
32.87	256.3	44.17	68.26	89.86	2.49	0	0.25	0.21	136.29	67.71	223.81
28.65	272.52	56.79	60.15	94.57	1.74	0	0.93	0.19	147.1	77.12	190.89
26.48	289.67	78.33	69.37	93.61	2.22	0	1.25	0.23	160.61	92.3	202.11
26.64	257.11	60.21	69.36	95.31	1.36	0	1.47	0.22	169.41	80.32	207.06
25.94	230.28	57.88	62.56	53.48	2.6	0	0.39	0.21	180.25	91.03	238.62
31.9	268.56	79.5	63.37	59.98	2.36	0	0.52	0.15	166.97	101.07	240.62
32.54	265.53	59.25	68.06	59.1	2.47	0	3.47	0.12	165.72	95.64	242.5
34.35	283.79	62.83	77.79	63.58	2.67	0	3.64	0.1	180.05	98.06	247.23
34.35	307.53	90.11	90.04	51.65	2.94	0	4.43	0.17	181.94	103.56	248.24
34.55	312.58	76.34	108.09	43.7	2.62	0	4.75	0.13	161.92	104.5	243.73
38.9	299.19	84.63	110.2	50.33	3.12	0	4.36	0.18	163.04	110.71	237.25
47.87	292.23	84.43	115.45	41.46	3.14	0	6.8	0.21	171.96	112.91	236.66
40.51	274.94	72.13	114.59	44.76	3.95	0	7.12	0.25	170.11	117.58	234.35
41.79	367.9	77.26	106.52	39.84	3.94	0	10.91	0.23	173.94	116.22	232.48

54.03	289.02	78.72	116.73	45.16	4.76	0	6.31	0.16	172.19	116.01	233.45
48.99	251.06	94.45	120.82	45.55	4.77	0	4.87	0.39	171.32	119.51	236.62
51.42	272.79	96.11	128.21	47.77	3.46	0	5.89	0.16	171.21	116.44	236.33
50.4	284.17	94.1	143.83	48.71	6.05	0	3.77	0.15	156.84	102.79	237.65
48.25	259.66	102.41	147.45	52.19	6.97	0	8.12	0.37	156.62	115.28	242.98
51.71	296.98	113.29	150.13	51.31	7.56	0	5.68	0.18	160.72	122.53	246.99
55.11	286.75	88.46	159.64	44.89	8.42	0	6.31	0.11	161.67	124.92	247.03
46.32877	83.28767	80.19178	152.5479	54.24658	6.630137	0	3.205479	0.657534	173.1781	108.9589	258.1644
47.86301	83.78082	80.10959	154.7945	54.10959	5.041096	0	5.041096	0.657534	152.5479	108.6027	249.4795
45.61644	80.32877	78.63014	149.6164	62.30137	6.191781	0	2.794521	0.657534	160.5753	112.1918	262.6575
43.80822	80.73973	78.73973	149.4247	63.28767	6.30137	0	3.260274	0.657534	157.589	111.1781	255.863
35.08	117.31	35.22	5.41	3.28	3.24	0	3.34	0	66.72	210.73	428.06
32.64	117.02	25.78	5.35	2.28	3.17	0	2.96	0	66.85	247.01	423.54
32.28	102.98	26.57	5.3	1.84	3.28	0	3.49	0	65.47	219.87	420.63
32.87	116.22	28.26	5.31	0.06	3.83	0	2.59	0	65.78	210.58	417.99
34.07	128.04	30.04	5.3	0	4.28	0	2.63	0	49.13	242.41	423.26
35.89	130.85	33.44	5.17	0.53	3.29	0	2.88	0	46.32	267.92	415.14
33.14	144.7	33.81	6.12	1.16	2.61	0	2.04	0	59.08	238.36	431
28.99	148.2	28.73	6.56	1.11	2.62	0	3.4	0	57.08	233.4	430.92
30.24	142.4	29.87	6.96	0	3.66	0	2.02	0	53.18	272.41	413.02
25.96	134.08	28.84	7.26	0.94	2.67	0	2.96	0	59.05	281.18	431.53
28.63	135.19	34.37	7.81	1.05	4.13	0	4.92	0	60.04	308.75	450.03
30.9	136.94	44.58	8.85	1.55	3.9	0	6.2	0	67.4	317.63	484.65
34.29	144.86	33.06	10.2	1.5	3.68	0	6.67	0	56.94	334.08	487.41
34.98	162.58	37.59	9.98	0.99	3.78	0	7.9	0	70.6	365.75	490.99
39.77	169.96	42.49	9.85	1.08	3.6	0	8.17	0	62.27	366.24	477.89
42.84	190.51	42.44	11.53	0.95	3.65	0	9.39	0	69.27	411.06	470.96
40.5	211.49	41.51	13.94	1.18	3.57	0	11.08	0	73.02	370.58	512.44
34.89	177.53	50.2	16.04	1.6	3.83	0	11.94	0	72.03	393.54	544.3
26.24	191.69	49.62	17.15	0.87	3.5	0	10.82	0	71.04	409.59	533.83
30.34	189.34	46.03	17.2	1.45	3.79	0	12.73	0	73.69	398.04	549.08
32.95	194.87	55.41	17.14	0.89	3.33	0	13.26	0	76.78	413.86	521.25
33.89	183.31	39.44	20.63	0.87	3.56	0	14.23	0	74.58	385.75	511.86
38.6	191.41	57.3	15.15	0.82	3.52	0	14.42	0	75.09	423.71	542.94
40.33	187.37	53.29	16.21	1.39	4.22	0	14.54	0	73.25	429.64	557.76
41.6	195.24	52.03	16.19	2.14	4.26	0	14.76	0	71.48	425.66	556.47
40.61	227.97	53.85	17.08	2.91	4.21	0	14.62	0	72.3	427.87	563.55
41.49	209.82	58.49	16.03	2.82	3.59	0	14.01	0	73.38	437.11	563.01
42.08	227.94	64.96	16.9	2.73	5.2	0	12.71	0	77.4	365.93	576.95
40.62	225.7	56.18	18.61	2.43	4.27	0	11.97	0	75.69	378.13	569.65
39.93	198.93	61.94	17.51	2.36	3.82	0	16.04	0	77.8	458.82	565.01
39.83	190.9	67.1	17.37	2.91	3.98	0	12.95	0	78.27	462.26	565.1
40.52	226.93	59.72	21.03	3.14	3.74	0	14.2	0	85.89	454.03	546.95
41.69	211.94	65.64	21.84	2.84	3.95	0	14.64	0	82.3	397.92	557.25
40.95	209.5	63.28	21.7	4.14	3.36	0	15.12	0	80.49	422.5	552.05
40.87	216.16	74.07	21.61	3.27	4.42	0	13.9	0	79.42	435.44	562.88
40.38	209.34	73.6	22.02	4.74	4.14	0	14.58	0	83.18	462.34	568.99
40.7	231.32	77.3	25.22	3.47	2.8	0	16.27	0	82.52	411.12	570.28
41.58	236.63	84.37	28.07	3.38	4.51	0	16.66	0	82.76	473.44	580.69

43.02	255.19	81.52	30.51	5.98	3.4	0	16.48	0	84.18	489.01	561.53
44.21	270.78	77.47	33.39	3.89	4.61	0	16.91	0.01	78.92	491.34	546.76
43.13	273.88	86.09	34.45	2.75	4.5	0	12.27	0	78.42	433.26	561.03
44.73	278.21	83.55	34.11	3.15	4.76	0	12.16	0.01	87.43	488.17	536.85
40.32	281.04	79.82	32.98	5	4.67	0	14.24	0.04	97.75	541.1	536.96
41.06	261.67	95.28	34.36	3.76	4.35	0	14.77	0	96.3	567.05	530.02
40.48	262.47	77.3	32.47	4.68	4.38	0	13.59	0	92.69	543.05	557.84
41.31	280.93	86.8	28.7	6.55	4.51	0	16.88	0.08	95.99	548.86	529.48
39.87	289.8	98.48	36.59	4.63	4.48	0	17.61	0	96.19	586.87	541.29
38.23	302.67	83.52	37.39	5.07	3.72	0	15.91	0.35	95.35	586.61	532.07
36.79	299.69	86.51	37.45	2.43	4.34	0	18.02	2.71	98.91	601.49	558.68
37.34	299.07	82.44	41.53	2.59	4.6	0	15.96	4.06	95.29	695.56	559.3
36.83	299.37	82.94	37.54	3.96	5.35	0	20.55	5.01	98.31	615.41	560.53
35.86	313.87	78.8	47.98	2.66	5.41	0	20.35	3.87	95.7	631.13	560.76
36.1	317.95	84.85	50.68	2.94	5.23	0	18.81	5.16	95.51	691.08	541.09
35.89041	312.1096	83.50685	46.43836	3.232877	5.369863	0	19.58904	3.589041	94.9863	764.8767	552.9863
35.53425	345.8082	83.61644	46.43836	3.232877	5.09589	0	19.89041	3.863014	95.67123	870.3014	550.9315
35.36986	353.6986	83.72603	46.41096	3.232877	4.520548	0	19.67123	4.273973	98.57534	754.4384	554.7671
35.39726	315.4521	83.91781	46.65753	3.232877	4.082192	0	19.17808	3.561644	98.63014	749.0137	549.0411
46.58	500.35	104.53	6.33	14.62	6.55	0	14.56	0	19.4	409.08	479.47
45.23	504.31	104.71	6.21	15.56	6.55	0	14.8	0	27.09	413.05	454.97
44.22	490.32	108.3	6.15	11.73	11.93	0	13.28	0.01	41.09	421.05	444.32
41.84	490.1	112.23	6.1	8.81	5.41	0	13.78	0	42.58	431.84	470.29
42.09	477.86	108.03	6.29	11.36	3.64	0	12.92	0.01	45.04	425.7	486.08
43.12	492.82	110.37	6.28	13.76	2.59	0	12.98	0.01	47.87	415.95	483.71
40.69	497.23	108.5	6.55	11.46	2.24	0	14.21	0.01	47.57	419.45	472.81
40.41	486.54	108.69	7.07	9.9	2.39	0	15.34	0.01	47.05	421.6	478.68
43.48	474.83	113.53	7.65	11.23	1.79	0	12.35	0.02	52.24	443.77	493.54
42.8	457.42	109.7	8.21	13.67	2.48	0	16.19	0.02	53.33	465.13	513.63
41.48	462.34	117.81	8.69	13.46	1.01	0	16.07	0.02	55.6	456.98	510.24
38.86	462.22	120.31	9.61	9.29	0.8	0	16.63	0.02	60.3	462.5	519.33
38.72	468.45	117.06	10.04	16.85	0.62	0	17.36	0.01	68.07	418.34	529.04
41.29	465.46	121.13	11.17	11.92	1.5	0	16.18	0.01	65.48	437.29	523.15
44.52	467.32	132.2	12.72	16.7	1.1	0	16.34	0.01	67.01	454.89	524.65
41.27	468.84	149.99	13.25	12.65	1.27	0	14.74	0.01	71.35	490.74	525.55
42.21	475.33	144.7	12.36	13.52	1.51	0	17.61	0.01	77.87	476.55	531.59
40.22	476.97	139.84	13.52	15.34	0.78	0	13.83	0	78.53	510.18	525.16
33.42	490.24	142.58	13.66	16.37	0.93	0	16.39	0	81.3	547.65	552.85
31.57	489.1	146.97	15.6	9.48	0.97	0	14.7	0	69.97	524.32	574.89
34.56	486.68	143.41	17.25	14.05	1.16	0	16.24	0.02	69.96	517.27	576.95
33.67	439.9	137.92	17.32	14.12	1.34	0	14.67	0.03	81.27	501.94	580.67
34.03	414.48	137.9	14.23	11.86	2.14	0	15.33	0.05	79.52	495.96	618.15
46.51	440.09	139.92	15.94	15.04	2.34	0	11.72	0.06	83.3	514.46	567.21
45.39	448.93	187.86	15.59	14.48	1.07	0	11.93	0.21	77	572.15	623.13
52.25	444.72	179.76	16.96	14.25	1.38	0	12.27	0.21	83.03	546.47	599.8
44.24	433.11	189.09	18.49	18.38	1.25	0	14.54	0.25	90.65	550.37	607.59
41.74	426.14	187.89	19.89	13.75	2.18	0	17.63	0.15	82.87	545.08	617.1
43.59	406.74	172.27	20.09	23.03	1.27	0	17.27	0.18	86.37	537.87	587.56
42.51	402.74	181.14	21.04	17.77	1.29	0	17.53	0.17	89.23	585.39	610.51

40.88	421.05	180.29	20.67	13.14	1.3	0	15.9	0.13	88.72	585.9	605.44
38.13	416.41	170.12	21.61	20.74	1.72	0	20.18	0.16	88.16	595.18	613.07
37.3	414.85	176.01	22.18	21.98	1.71	0	16.92	0.09	88.97	571.66	600.41
37.05	413.75	157.04	22.69	16.18	1.5	0	17.33	0.17	84.8	586.68	642.38
36.98	409.57	176.6	23.47	21.24	1.32	0	14.92	0.99	83.71	665.49	599.94
35.17	410.77	174.52	19.68	18.26	1.02	0	18.47	0.12	86.67	643.46	586.58
38.34	378.73	179.64	21.59	21.08	0.91	0	16.94	0.23	92.91	601.63	548.9
36.48	369.54	191.34	22.22	22.25	0.82	0	14.55	0.53	92.24	670.19	565.96
35.14	368.73	216.66	26.62	20.88	0.67	0	12.91	0.46	81.15	701.68	570.64
35.17	351.76	186.42	28.56	24.94	0.88	0	15.45	0.44	84.2	690.18	567.96
32.31	334.81	170.81	26.07	19.8	0.92	0	16.27	0.34	84.91	662.69	590.08
30.72	293.43	179.87	29.11	23.89	3.05	0	17.39	0.42	76.19	695.67	573.6
27.69	367.02	175.08	35.79	26.57	2.08	0	17.88	0.82	72.42	684.67	546.78
30.81	364.3	156.26	35.43	19.14	1.66	0	14.94	1.79	77.85	658.4	554.62
28.39	373.91	133.71	36.68	26.55	2.27	0	19.51	2.11	80.32	682.9	527.67
28.83	400.39	144.51	35.71	27.04	2.14	0	21.42	4.33	88	657.59	544.64
32.48	404.1	129.27	40.65	24.56	2.8	0	20.15	4.34	77.97	643.14	522.19
29.43	392.35	132.65	39.78	27.53	2.67	0	21.39	4.42	84.22	669.52	516.67
26.28	397.89	138.95	45.93	25.87	3.31	0	20.63	4.19	88.39	645.33	509.86
38.57	423.19	142.25	50.03	26.51	3.61	0	21.25	3.85	90.48	622.58	491.89
42.12	463	142.23	52.12	27.14	3.73	0	20.34	3.14	85.42	660.95	475.33
45.39	522.46	148.72	52.97	23.62	4.68	0	23.44	7	86.24	655.6	467.51
48.01	539.8	109.7	51.44	29.44	4.51	0	19.91	4.68	87.33	661.66	465.65
49.75342	515.5068	130.9863	53.39726	41.06849	5.041096	0	15.94521	0.027397	86.68493	664.8219	418.4658
52.13699	506.5205	130.4658	54.0274	41.69863	5.260274	0	24.16438	0.027397	83.72603	687.1233	406.1644
52.71233	490.6027	130.0548	55.15068	42.19178	5.287671	0	18.90411	0.027397	86.9589	699.3699	431.6986
54.32877	489.1781	128.3562	56.54795	43.69863	5.69863	0	25.39726	0.027397	87.50685	696.9315	393.6712
99.3	284.83	63.02	4.79	25.7	0	0	0.92	0	62.37	252.36	484.1
86.06	365.77	90.39	4.39	35.75	0	0	1.04	0	45.82	259.52	464.82
70.47	384.74	82.21	11.87	37.34	0	0	1.21	0	42.2	260.57	468.17
79.82	407.96	44.48	3.55	30.66	0	0	1.34	0	40.81	267.18	480.83
72.13	381.28	22.47	1.65	15.6	0	0	1.16	0	46.83	249.13	509.06
72.18	371.23	15.8	1.06	9.56	0	0	0.96	0	43.46	252.22	542.5
81.7	342.63	20.57	2.96	3.14	0	0	1.18	0	44.53	240.06	546.25
81.4	366.45	24.02	3.94	8.7	0	0	1.17	0	36.59	244.28	555.57
87.71	370.73	46.26	6.32	8.72	0	0	0.93	0	30.58	280.7	556.41
94.26	381.77	57.18	4.74	12.53	0	0	1.03	0	28.85	238.24	562.13
105.85	396.23	65.52	9.65	27.99	0	0	0.96	0	28.03	328.8	534.61
115.67	388.88	75.45	9.03	38.12	0	0	0.9	0	26.55	361.98	534.48
115.59	414.01	84.58	8.93	37.42	0	0	1	0	25.21	363.5	542.59
113.65	413.18	80.78	8.57	40.67	0	0	0.99	0	24.85	389.99	540.27
112.31	407.18	99.84	8.84	46.3	0	0	0.98	0	25.12	394.54	540.41
149.04	401.87	90.23	10.57	36.9	0	0	0.96	0	23.07	415.21	536.46
145.63	396.93	89.13	13.88	35.76	0	0	0.95	0	24.68	412.62	529.16
148.52	394.73	88.04	13.42	35.01	0	0	0.94	0	22.14	422.45	525.66
148.41	389.92	86.94	11.33	31.42	0	0	0.93	0	22.81	427.47	518.17
148.57	386.45	85.83	10.71	30.88	0	0	0.92	0	25.64	420.82	522.26
149.02	382.52	84.74	10.58	28.63	0	0	0.91	0	26.63	415.52	514.87
147.28	377.48	83.66	10.45	29.96	0	0	0.89	0	24.56	410.27	517.42

152.8767	369.7808	83.58904	11.72603	46.24658	0.136986	0	2.986301	0.958904	32.43836	408.6575	512.411
148.9863	410.3836	84.54795	11.83562	49.42466	0.109589	0	3.890411	0.356164	23.89041	385.9178	512.5753
146.9589	406.6301	85.64384	12.30137	59.0137	0.136986	0	3.452055	1.068493	21.34247	402.0822	506.0822
154.7945	399.8082	86.68493	12.38356	66.10959	0.027397	0	2.876712	0.191781	25.42466	392.0822	484.0822
37.37	84.67	28.06	4.15	3.34	0.3	0	12.25	0.17	43.32	95.34	8.46
34.9	77.44	30.16	4.14	2.91	0.3	0	11.8	0.35	45.73	93.07	8.36
33.67	79.12	28.73	4.13	2.14	0.27	0	11.77	0.03	47.71	93.33	4.77
32.48	76.83	30.64	4.11	2.71	0.25	0	9.72	0.15	47.3	90.68	12.17
31.85	77.38	29.33	4.09	4.27	0.3	0	9.49	0.24	54.16	89.04	10.72
31.94	73.49	31.16	4.08	4.04	0.27	0	10.45	0.17	60.18	87.25	12.18
31.68	73.31	29.87	4.09	4.69	0.25	0	4.13	0.17	55.34	85.58	9.95
31.56	65.52	31.24	4.07	0.88	0.24	0	5.47	1.66	58.69	82.36	8.51
32.07	72.25	29.81	4.12	2.33	0.19	0	5.11	0.75	52.45	79.16	7.06
33.03	74.1	31.1	4.17	2.78	0.27	0	3.75	0.82	51.66	84.51	9.58
33.53	72.55	25.73	4.19	4.79	0.26	0	7.88	0.92	56.8	96.53	7.23
32.38	74.61	31.7	4.13	4.05	0.2	0	6.83	1.75	50.33	86.51	16.31
33.03	77.59	33.41	4.34	1.65	0.24	0	7.9	1.18	45.73	92.07	6.39
32.78	79.24	34.41	4.14	3.12	0.22	0	7.46	0.9	31.32	86.91	9.78
32.79	75.19	35.06	4.1	3.45	0.19	0	8.92	0.85	18.39	82.65	3.61
32.28	69.34	61.26	4.43	4.7	0.18	0	9.34	1.79	43.15	91.74	6.32
34.18	67.32	43.95	5.25	2.79	0.17	0	8.74	1.28	52.68	86.01	2.89
34.89	86.07	50.52	4.64	3.59	0.23	0	9	1.27	40.43	81.86	3.07
34.72	79.72	19.26	4.47	4.28	0.22	0	3.69	0.59	40.33	81.85	0.96
31.65	74.07	24.62	4.42	5.54	0.22	0	4.4	0.56	41.72	78.96	5.04
31.07	75.42	24.92	4.37	3.71	0.21	0	5.26	0.94	43.32	77.57	3.92
30.88	70.34	27.31	4.63	3.34	0.21	0	7.04	1.1	42.5	79.04	4.48
30.31	70.27	30.63	4.8	3.78	0.2	0	8.21	1.2	41.2	75.56	4.78
30.25	68.86	16.54	4.73	3.75	0.19	0	7.42	1.36	39.25	83.52	4.08
30.2	65.55	22.28	4.87	3.16	0.19	0	6.1	1.29	36.35	75.8	2.82
23.11	65.8	10.4	5.16	3.32	0.27	0	6.15	1.53	37.29	77.32	2.6
23.55	59.94	22.01	4.44	3.08	0.26	0	5.66	1.16	40.6	77.04	4
23.64	63.17	20.71	4.5	2.09	0.25	0	5.92	2.07	34.81	77.56	5.64
27.61	62.12	27.98	4.57	5.21	0.24	0	7.08	2.09	35.53	77.19	3.26
31.65	65.81	23.58	4.63	4.88	0.21	0	8.4	2.06	35.15	75.96	2.41
31.7	65.39	26.2	4.75	5.39	0.18	0	6.67	1.64	35.51	76.73	5.39
31.28	64.61	26.6	4.82	5.89	0.22	0	8.68	0.32	35.81	73.96	4.5
31.52	63.57	31.13	4.89	6.4	0.21	0	9.43	0.36	34.74	74.66	5.47
29.81	59.19	34.71	4.91	7.26	0.24	0	9.03	0.31	38.57	73.4	10.5
29.51	59.36	36.88	4.81	7.04	0.22	0	8.22	0.37	38.17	72.06	11.54
29.25	57.37	26.82	4.66	7.75	0.24	0	7.85	1.21	36.45	66.16	4.88
28.88	55.5	29.77	4.47	9.59	0.18	0	8.92	0.94	38.23	66.16	8.53
29.01	56.49	30.79	4.38	10.19	0.25	0	9.47	2.12	37.28	70.07	13.17
28.98	56.92	35.53	4.34	13.45	0.16	0	6.81	2.8	31.12	70.95	9.92
28.6	55.23	36.6	4.98	12.87	0.25	0	6.32	4.54	36.21	69.06	12.56
29.06	54.64	37.57	5.33	9.66	0.21	0	8.59	4	36.74	72.33	5.36
30.39	70.84	39.38	5.66	11.88	0.27	0	8.5	3.73	38.77	69.53	14.57
31.52	91.87	38.72	5.97	12.75	0.29	0	10.47	3.28	39.4	79.6	18.36
32.77	93.8	38.44	5.07	12.26	0.3	0	8.16	1.14	41.66	79.91	26.33
33.65	102.04	37.78	5.02	13.55	0.23	0	6.71	1.99	39.42	72.91	34.36

34.67	107.69	39.47	3.42	11.54	0.28	0	4.88	2.54	39.68	83.95	35.11
35.51	107.4	44.01	3.88	12.86	0.37	0	3.29	2.65	39.05	83.7	28.39
34.07	106.35	10.47	3.87	12.53	0.32	0	4.1	0	39.77	80.58	23.44
33.99	105.11	10.71	4.32	13.89	0.28	0	8.15	0.03	41.85	66.71	34.47
33.81	104.74	10.68	5.02	13.67	0.19	0	11.06	0.01	41.03	83.28	27.92
33.63	103.64	11.49	4.88	15.23	0.18	0	10.62	0.03	37.63	89.32	30.52
33.34	103.13	11.24	5.15	14.37	0.18	0	6.93	0.01	37.73	85.43	37.14
33.3	102.12	10.8	4.14	12.7	0.2	0	8.07	0.04	44.78	80.66	27.79
30.21918	101.726	11.75342	4.273973	26.24658	0.246575	0	7.123288	0.027397	58.63014	86.38356	31.94521
28.27397	106.6027	10.0274	4.082192	19.86301	0.191781	0	6.328767	0.027397	40.13699	85.86301	33.61644
26.9589	108.5205	11.67123	4.273973	16.0274	0.136986	0	6.630137	0.027397	33.45205	85.47945	27.0411
25.72603	102.7671	11.89041	4.164384	25.89041	0.164384	0	6.849315	0.027397	37.26027	84.9863	30.27397
140.48	440.36	364.38	26.48	3.7	0.06	0	3.04	0	143.83	244.11	410.39
125.54	365.04	410.96	19.32	2.84	0.17	0	4.13	0	124.02	246.75	402.43
122	441.05	372.65	14.13	3.58	0.51	0	3.14	0	106.27	231.94	386.99
107.74	493.43	339.22	12.6	4.12	0.2	0	4.17	0	102.07	265.57	363.76
97.51	471.89	351.01	16.65	5.7	0.23	0	4.32	0	104.74	253.17	356.88
93.25	436.9	369.14	12.81	4.96	0.25	0	3.92	0	99.29	250.09	360.54
85.68	456.18	356.14	13.5	5.63	0.33	0	2.65	0	101.59	259.64	348
81.78	449.5	335.66	15.92	5.82	0.21	0	1.6	0	106.5	265.05	358.07
84.88	412.51	370.99	12.01	6.3	0.22	0	2.81	0	120.06	280.21	336.1
68.7	426.73	382.72	17.09	6.62	0.32	0	3.32	0	129.85	290.34	344.32
75.66	469.91	364.44	20.75	7.1	0.3	0	2.98	0	122.33	299.61	356.11
78.62	463.78	379.03	23.85	7.97	0.23	0	4.27	0	123.57	315.56	331.74
75.64	521.54	387.18	38.07	8.68	0.33	0	4.39	0	131.17	319.14	336.63
77.43	490.62	372.9	36.86	10.45	0.37	0	4.59	0	135.4	336.08	342.03
78.45	521.8	369	43.4	9.93	0.28	0	3.52	0.01	141.99	353.59	320.75
84.61	483.45	359.11	48.55	10.63	0.34	0	4.6	0.01	143.66	327.12	312.23
86.87	473.77	362.62	61.77	7.7	0.44	0	3.71	0.02	143.65	359.91	303.38
78.97	458.13	365.35	63.33	9.48	0.39	0	2.61	0.02	131.5	380.28	294.74
81.07	447.25	354.05	63	7.99	0.38	0	3.74	0.02	129.49	395.17	296.48
83.21	439.41	382.91	60.27	9.77	0.41	0	3.85	0.04	132.9	448.78	290.29
89.75	428.01	385.46	66.83	6.93	0.37	0	2.43	0.04	131.25	450.09	291.66
92.76	403.73	372.44	66.39	8.21	0.72	0	5.46	0.04	126.33	448.81	288.07
80.79452	396.6575	336.6575	62.16438	12.0274	0.383562	0	3.123288	0.109589	182.137	507.1507	246.0548
75.50685	403.8356	318.2192	58.19178	11.67123	0.410959	0	3.342466	0.109589	178.8493	450.3014	355.4795
75.28767	396.8767	320.8493	60.82192	10.0274	0.493151	0	2.958904	0.109589	154.8219	463.0685	354.6301
72.84932	405.4521	359.6164	61.9726	10.35616	0.410959	0	3.780822	0.082192	181.9178	444.8219	337.5616
238.33	439.42	0	2.12	215.26	1.09	0	1.65	0	97.24	23.76	209.67
214.85	397.73	0	1.94	212.89	1.39	0	1.73	0	98.35	21.36	204.22
197.04	358.03	0	1.75	224.79	1.37	0	1.75	0	97.64	19.09	210.53
186.3	328.69	0	1.68	220.4	1.39	0	1.8	0	93.34	17.38	199.35
175.66	305.89	0	1.58	231.19	1.58	0	1.84	0	93.83	15.95	187.65
169.08	351.09	1.2	1.59	231.32	5.33	0	1.97	0	83.35	73.45	186.04
172.45	345.32	3.94	1.67	226.76	3.54	0	2.64	0	96.02	108.71	216.37
172.6	371.17	2.18	2.03	210.87	2.9	0	3.06	0	107.58	145.42	226.16
166	377.44	8.11	2.1	176.94	2.25	0	3.06	0	113.23	202.68	255.08
158.77	375.13	7.44	2.05	142.31	2.45	0	2.36	0	115.78	262.71	290.8
145.26	337.64	4.72	12.84	127.24	2.86	0	2.91	0	117.69	226.96	260.02



137.44	324.82	5.86	10.75	125.52	4.4	0	2.85	0	126.16	193.88	244.43
128.36	431.87	22.05	26.31	137.77	3.11	0	2.99	0	126.94	212.87	371.85
126.92	482.03	34	48.51	149.28	2.51	0	3.66	0	130.2	400.68	278.6
125.42	388.88	50.79	60	144.27	2.26	0	2.96	0	116.23	341.25	290.44
112.05	574.8	40.37	96.59	113.25	2.66	0	3.31	0	104.75	457.37	207.29
113.93	497.88	39.82	74.38	92.54	2	0	4.17	0	117.42	460.28	301.48
97.64	501.88	67.62	91.04	82.58	3.47	0	3.89	0	109.24	466.67	291.34
105.01	544.97	55.97	114.41	117.83	3.78	0	3.58	0	113.62	500.56	182.88
143.91	602.07	42.8	118.81	118.13	2.68	0	3.81	0	100.82	545.91	171.99
161.71	504.4	52.14	105.87	115.27	2.66	0	3.97	0	103.81	598.75	156.73
184.96	563.4	57.59	121.15	104.94	2.76	0	10.38	0	103.05	753.09	177.8
170.3	517.58	56.98	109.45	76.67	2.92	0	8.79	0	108.15	838.82	284.1
172.06	606.98	61.43	87.51	62.42	3.63	0	17.02	0	106.88	756.22	284.81
153.49	504.59	45.06	101.29	69.27	3.9	0	25.71	0	102.87	762.33	276.44
141.01	479.25	62.52	98.73	67.2	6.12	0	19.77	0	106.34	807.34	296.17
143.75	550.68	57.3	99.41	91.4	5.29	0	17.92	0	112.34	766.94	253.07
133.29	518.25	61.53	81.28	110.32	5.54	0	14.76	0	105.14	744.21	267.89
122.77	489.19	62.8	86.58	83.88	8.16	0	18.89	0	97.23	772.56	240.67
124.7	490.51	51.18	105.61	93.09	8.73	0	17.94	0	97.49	662.68	177.37
123.55	464.53	51.79	101.31	87.61	8.76	0	16.02	0	97.72	687.71	185.08
123.82	493.03	55.88	73.79	105.25	9.12	0	22.97	0	90.31	820.65	207.33
124.87	471.15	46.87	84.73	107.6	3.16	0	6.88	0	100.88	874.11	202.31
139.17	454.25	60.87	98.5	103.36	8.48	0	8.69	0	96.65	693.49	186.44
140.39	405.38	65.22	120.71	121.61	15.74	0	18.23	0	104.4	690.01	194.4
131.05	417.55	76.49	133.53	124.18	8.2	0	18.06	0	103.53	583.82	199.66
110.52	360.93	27.86	114.94	136.36	4.23	0	16.82	0	98.61	604.53	253.1
98.73	332.38	38.77	133.4	119.72	14.44	0	16.93	0	96.95	633.44	302.31
101.38	393.19	45.23	133.62	115.09	8.94	0	16	0	92.6	758.42	315.02
87.38	396.49	57.35	122.52	113.15	9.57	0	13.34	0	100.98	734.41	318.71
78.12	323.11	52.43	136.13	127.87	11.69	0	11.18	0	102.28	506.91	335.27
121.04	431.5	64.09	135.65	112.63	8.19	0	13.71	0.3	102.77	483.42	329.77
122.17	427.46	57.93	161.4	122.55	8.75	0	12.76	0.28	105.31	423.56	302.09
79.56	354.86	35.39	131.69	126.46	6.81	0	17.4	0.24	104.79	500.13	331.75
67.64	299.65	13.49	126.63	150.06	6.67	0	16.75	0.1	109.97	407.04	309.6
74.5	320	42.67	119.81	135.47	8.25	0	32.17	0.15	102.63	349.81	310.57
104.02	365.64	53.4	121.08	134.97	5.29	0	16.79	0.36	88.92	257.35	318.88
104.93	423.45	58.83	120.53	139.17	5.36	0	18.92	0.37	89.72	317.4	269.16
63.43	388.65	26.31	118.22	138.13	5.84	0	40.64	0.22	94.12	222.7	294.2
49.29	337.52	23.02	103.83	157.83	4.47	0	50.87	0.27	107.07	242.69	274.79
48.72	304.29	29.83	108.87	154.49	6.99	0	75.56	0.26	95.27	215.84	275.89
48.81	295.23	25.13	115.79	157.95	9.85	0	45.03	0.26	98.77	227.83	281.19
54.1	369.57	35.42	112.45	154.12	9.7	0	58.28	0.22	101.23	196.02	277.49
60	116	29.83562	118.9863	154.9315	9.287671	0	13.89041	0.767123	123.9452	276.5479	286.5205
60.16438	112.4384	30.0274	120.3014	153.863	7.178082	0	11.0137	0.767123	125.0137	295.7534	287.5068
60.57534	121.1233	27.91781	124.1644	154.0274	5.589041	0	13.20548	0.767123	116.4932	289.6986	276.8767
58.0274	93.78082	28.19178	119.0959	155.3425	8.054795	0	20.54795	0.794521	125.8356	287.4795	279.9726
184.82	651.32	266.62	17.23	2.97	0.38	0	3.32	0	141.65	162.39	282.94
189.36	664.83	261.12	17.65	3.62	0.32	0	3.24	0	122.5	164.46	279.04
188.48	669.17	277.92	17.43	2.98	0.45	0	2.4	0	136.03	195.7	275.05

185.47	677.74	279.2	18.91	3.15	0.36	0	3.07	0	132.09	178.74	269.39
185.09	665.08	282.84	19.93	3.27	0.41	0	2.97	0	141.42	176.64	263.9
185.72	648.28	279.03	21.96	3.27	0.38	0	3.18	0	138.1	191.57	264.75
183.9	649.17	279.95	23.84	2.91	0.42	0	2.86	0	140.81	196.49	248.9
183.35	652.94	286.95	26.84	3.62	0.39	0	2.97	0	133.57	197.34	245.09
181.93	657.28	279.01	27.75	3.57	0.42	0	2.68	0	133.6	208.96	250.03
181.87	662.71	287.52	28.81	3.37	0.45	0	2.21	0	135.06	206.79	245.49
185.72	633.43	276.68	29.46	4.26	0.43	0	2.17	0	133.88	206.2	241.74
181.66	640.95	269.22	32.91	4.09	0.44	0	2.7	0	121.88	200.2	234.86
170.9	645.3	273.56	33.05	3.84	0.62	0	2.61	0	139.13	214.01	235.21
172.9	649.51	273.64	32.11	3.6	0.67	0	2.01	0	114.53	219.43	227.68
168.99	679.78	247.85	30.97	3.59	0.49	0	1.85	0	126.03	193.55	235.98
162.93	658.46	242.62	33.52	5.05	0.6	0	2.59	0	126.33	179.5	240.93
162.96	648.01	267.93	33.89	5.05	0.6	0	2.18	0	130.7	247.15	236.06
170.02	631.53	278.83	34.72	4.77	0.61	0	2.17	0	113.78	211.8	233.46
173.77	644.62	290.67	36.92	4	0.78	0	2.5	0	117.65	218.11	230.5
169.37	629.8	289.6	37.27	5.16	0.53	0	2.04	0	118.49	214.05	225.35
165.8	640.19	286.51	36.84	5.29	0.57	0	2.11	0	117.18	213.26	220.59
161.85	652.54	294.89	39.89	5.6	0.65	0	2.79	0	127.89	234.82	211.93
161.57	647.32	285.87	39.81	6.56	0.7	0	3.12	0	116.56	220.52	217.88
162.84	664.97	278.2	40.74	6.63	0.75	0	2.78	0	116.72	230.66	218.52
162.63	657.7	292.77	44.06	6.64	0.77	0	2.92	0	109.35	223.05	239.2
160.54	655.1	298.36	48.11	7.26	0.74	0	3.31	0	111.94	226.49	229.75
164.77	644.79	293.61	49.19	6.43	0.71	0	3.22	0	112.96	219.9	236.95
161.8	639.11	298.37	51.56	6.66	0.78	0	4.01	0.06	114	239.5	232.55
159.3	661.35	297.25	48.05	6.7	0.88	0	4.56	0.07	114.87	237.01	230.37
156.86	647.29	289.89	51.23	6.75	0.87	0	4.46	0.06	113.9	241.83	225.41
156.74	631.17	278.24	52.51	7.08	0.9	0	4.1	0.07	112.39	243.62	226.38
154.11	619.32	286.46	63.67	6.1	0.99	0	4.29	0.07	110.1	249.31	232.85
142.51	606.35	299.1	65.01	5.3	1.16	0	5.24	0.09	99.19	244.96	228.25
142.5	600.99	295.7	68.71	5.76	1.07	0	5.02	0.08	108.18	222.86	227.14
140.83	600.47	300.1	69.42	5.19	1.16	0	4.73	0.1	103.85	210.92	231.61
136.3	655.08	305.18	71.95	5.72	1.18	0	4.34	0.14	108.33	221.97	236.64
136.97	657.83	312.64	70.9	5.81	1.34	0	4.32	0.12	107.61	231.52	249.51
137.85	642.16	303.71	77.9	10.81	1.31	0	4.16	0.11	103.39	242.2	259.32
137.92	641.62	316.87	77.03	9.59	1.31	0	4.39	0.12	109.16	253.06	261.57
139.91	614.23	337.75	78.08	11.09	1.39	0	4.72	0.15	102.34	238.88	262.51
142.75	631.04	333.5	79.76	12.21	1.43	0	5.47	0.14	110.7	249.24	252.64
144.55	643.59	347.65	79.66	13.83	1.42	0	5.29	0.15	112.66	235	273.38
153.31	671.49	327.64	81.53	14.88	1.56	0	5.6	0.15	110.54	253.09	274.84
155.73	653.9	333.22	84.86	14.13	1.59	0	6.78	0.16	113.72	247.73	269.56
152.23	689.11	313.26	84.36	15.19	1.7	0	9.18	0.15	103.05	262.96	269.18
158.52	665.23	293.81	84.18	14.67	1.88	0	10.16	0.15	90.45	256.05	266.32
161.36	666.6	291.56	79.5	15.42	1.97	0	11.11	0.19	99.01	251.27	265.88
153.44	680.31	287.26	77.14	18.35	2.22	0	9.29	0.18	99.88	255.07	271.15
148.83	657.45	286.04	79.41	16.93	2.3	0	6.82	0.18	106.21	243.2	269.61
144.98	669.59	271.62	82.83	18.94	2.38	0	6.07	0.24	100.23	254.66	269.36
147.04	663.33	276.27	84.41	18.8	2.61	0	5.46	0.24	109.86	265.9	265.51
145.81	657.85	278.1	86.83	19.63	2.49	0	6.41	0.21	105.86	254.78	267.1

142.25	645.91	284.56	86.43	17.51	2.57	0	6.99	0.13	113.09	266.13	270.21
131.3425	626.9863	244.3562	77.50685	20.68493	2.465753	0	3.726027	0.60274	109.5342	230.9589	273.0137
135.0959	630.5753	236	85.36986	21.45205	2.794521	0	4.328767	0.657534	113.3699	221.2877	273.8904
137.8356	612.7123	234.5753	89.09589	20.73973	2.821918	0	4.547945	0.630137	119.1233	229.0411	278.4932
136.6301	622.7671	252.7945	87.50685	20.71233	2.849315	0	4.712329	0.575342	120.7945	227.5616	273.6712
29.73	81.23	3.27	1.89	16.65	0.34	0	0.79	0.04	20.29	166.3	11.28
28.78	82.06	3.04	1.85	18.33	0.39	0	0.83	0.05	22.39	165.1	13.87
29.32	80.07	3.66	1.7	29.11	0.48	0	0.85	0.04	20.14	164.8	14.05
28.36	79.64	6.19	1.71	22.3	0.61	0	0.93	0.01	20.55	159.86	14.39
28.06	80.21	3.36	1.8	12.17	0.57	0	1.13	0.06	20.59	160.02	18.07
29.55	83.07	3.31	1.89	22.22	0.67	0	1.47	0.02	21.49	159.2	15.43
30.35	89.58	4	2	17.88	0.5	0	1.65	0.01	21.4	160.93	14.65
29.9	83.44	6.32	2.03	15.54	0.42	0	1.86	0.02	22.27	161.71	18.64
29.54	90.4	2.17	2.27	16.25	0.49	0	1.91	0.02	22.71	162.24	10.67
30.07	90.38	6.7	2.31	16.24	0.42	0	1.88	0.01	25.76	165.12	16.08
30.59	83.36	7.76	2.45	20.26	0.41	0	1.5	0.1	29.2	158.76	14.34
27.7	79.67	7.03	2.59	20.53	0.26	0	1.3	0.15	32.71	156.41	23.05
28.13	73.43	8.04	2.6	32.85	0.46	0	1.7	0.08	31.3	154.61	15.92
27.3	73.17	8.4	2.64	34.98	0.26	0	1.66	0.15	25.46	152.52	31.38
28.67	73.93	3.75	2.7	36.57	0.52	0	1.62	0.13	20.22	153.13	32.13
29.04	71.84	19.29	2.73	35.18	0.37	0	1.56	0.12	21.52	155.67	17.32
30.9	73.67	9.61	2.74	37.51	0.45	0	1.62	0.09	21.49	158.23	17.02
30.58	78.11	14.78	2.77	42.75	0.53	0	1.56	0.08	25.23	159.58	21.37
29.71	72.77	21.46	2.8	26.48	0.41	0	1.48	0.03	20.86	169.06	16.8
27.56	64.74	23.31	2.43	39.09	0.34	0	1.47	0.04	20.07	160.36	18.56
28.11	71.49	24.74	2.56	21.66	0.39	0	1.42	0.01	18.48	152.31	20.86
28.56	68	26.4	2.52	42.89	0.36	0	1.28	0.03	18.57	158.49	17.29
28.89	63.95	27.65	2.4	35.47	0.23	0	1.37	0.02	17.91	149.24	14.62
29.78	62.37	28.82	2.3	35.16	0.17	0	1.36	0.02	18.86	145.28	17.8
30.53	66.33	29.91	2.28	38.19	0.2	0	1.32	0.02	18.69	151.62	16.39
30.81	68.77	30.93	2.31	56.14	0.17	0	1.22	0.02	17.55	150.44	12.42
30.08	66.9	31.87	2.41	55	0.19	0	0.96	0.02	14.26	146.46	15.22
31.2	67.37	32.74	2.48	47.3	0.19	0	0.94	0.02	13.29	132.25	16.79
31.37	64.8	33.5	2.67	49.86	0.21	0	0.88	0.02	13.41	136.13	14.36
30.27	64.78	34.17	2.71	51.21	0.19	0	0.84	0.02	12.6	132.81	16.3
30.39	66.92	34.73	3.04	45.03	0.16	0	0.87	0.03	17.05	136.64	16.31
30.08	65.49	35.2	3.04	29.59	0.19	0	0.85	0.03	17.91	125.67	15.3
29.81	65.41	35.61	3.43	39.06	0.24	0	0.87	0.17	17.28	111.6	12.2
29.28	60.59	36.01	2.94	40.13	0.25	0	0.9	0.18	16.12	111.58	12.62
32.23	62.67	36.44	3.22	39.14	0.23	0	1.02	0.16	17.63	116.43	14.11
26.08	60.64	36.89	2.91	38.41	0.21	0	2.23	0.26	22.79	117.94	17.71
25.43	60.67	37.27	3.14	42.85	0.19	0	2.19	0.15	20.41	113.83	20.52
25.41	66.31	37.84	3.32	45.25	0.34	0	1.87	0.17	19.32	110.66	22.7
30.85	65.14	38.25	3.4	44.4	0.45	0	1.56	0.2	22.6	106.76	22.37
27.37	65.55	38.19	3.46	49.61	0.75	0	1.48	0.44	22.29	104.31	20.87
22.77	71.88	40.68	3.99	50.11	0.71	0	1.64	0.43	21.84	105.69	30.79
22.4	76.44	39.77	4.33	49.51	0.48	0	1.83	0.41	21.83	95.23	33.47
22.12	80.54	41.16	4.7	57.65	0.65	0	1.61	0.44	24.81	100.48	29.05
21.81	92.9	40.34	4.68	58.01	0.57	0	1.6	0.3	24.4	95.33	34.56

22.91	104.8	39.23	4.99	53.78	0.69	0	1.53	0.17	26.9	89.45	39.42
22.45	104.26	33.7	4.89	55.64	0.58	0	1.54	0.4	27.36	101.75	40.16
19.92	101.11	31.85	5.24	54.55	0.6	0	1.76	0.29	29.85	113.29	41.58
22.24	102.62	29.48	5.08	60.95	0.43	0	2.36	0.45	32.07	100.41	34.66
22.15	106.47	33.81	4.99	53.38	0.32	0	2.05	0.34	44.42	120.64	48.09
23	105.97	55.88	5.01	52.04	0.52	0	3.32	0.32	61.51	128.16	40.62
24.5	108.01	54.19	5.65	54.17	0.4	0	3.88	0.11	54.91	142.2	41.91
25.86	111.52	35.48	4.99	58.29	0.21	0	8.41	0.34	32.94	143.79	43.02
25.99	112.16	60.53	5.03	57.57	0.29	0	7.39	0.1	46.27	145.16	43.67
25.28767	119.6712	53.0137	5.205479	83.47945	0.465753	0	6.986301	0.191781	29.56164	153.589	54.57534
24.65753	120.411	50.43836	5.150685	91.91781	0.630137	0	8.246575	0.191781	28.10959	139.726	46.9589
24.05479	112.0548	48.9589	5.150685	96.13699	0.520548	0	6.356164	0.191781	32.93151	139.2055	46
20.10959	108.6849	53.86301	5.150685	106.7671	0.520548	0	5.205479	0.273973	33.0411	140.3288	32.9589
203.3	738.99	131.46	45.03	6.97	0.54	0	5.21	0	142.62	256.85	194.53
205.82	716.09	129.13	44.67	8.19	0.6	0	4.49	0	143.91	266.25	189.91
213.7	718.54	134.04	45.52	7.29	0.5	0	5.99	0	140.74	247.74	187.38
221.47	718.89	134.17	46.7	7.83	0.57	0	5.22	0	145.26	242.95	187.82
212.76	706.74	129.31	49.55	8.51	0.6	0	5.1	0	147.33	248.56	185.36
218.58	703.5	140.54	52.66	7.99	0.47	0	5.44	0	147.19	248.83	182.87
227.42	680.91	131.17	54.66	8.2	0.58	0	5.84	0	150.17	263.51	184.18
233	681.34	139.6	54.16	8.57	0.58	0	6.11	0	151.45	285.7	184.03
231.54	680.8	141.43	56.46	9.16	0.57	0	6.27	0	155.19	256.05	183.31
237.09	672.27	146.96	58.73	7.39	0.52	0	6.05	0	156.1	260.25	180.45
243.92	676	143.12	59.29	8.48	0.61	0	6.58	0	158.67	271.21	179.95
239.63	680.52	145.29	61.82	7.8	0.59	0	6.52	0	161.28	271.61	179.66
222.67	681.58	143.86	59.17	7.87	0.59	0	7.73	0	161.91	268.93	184.74
237.23	656.67	142.68	59.36	8.52	0.59	0	6.56	0	157.21	283.36	182.97
227.44	640.35	148.32	57.97	8.74	0.56	0	6.93	0	151.86	292.98	189.37
241.62	662.8	148.99	62.53	7.95	0.63	0	7.14	0	159.74	281.07	196.91
239.86	661.33	146.48	63.43	8.77	0.64	0	6.95	0	163.28	300.21	190.42
231.87	662.16	143.35	65.99	6.46	0.66	0	5.5	0	160.16	299.42	189.87
226	668.43	141.06	71	10.64	0.7	0	7.78	0	161.72	307.58	193.87
229.27	658.66	137.14	72.27	10.58	0.73	0	5.91	0	157.52	282.29	192.24
226.3	660.83	140.35	75.53	12.43	0.72	0	7.23	0	156.1	280.26	191.21
216.62	672.65	138.43	76.93	13.58	0.75	0	7.51	0	154.41	310.26	196.76
222.88	685.61	143.04	78.79	11.38	0.76	0	6.64	0.04	155.87	287.37	192.58
221.34	682.1	147.37	81.03	9.92	0.9	0	9.14	0.04	158.89	308.86	197.48
222.59	706.88	150.11	83.87	10.34	0.84	0	8.46	0.05	160.3	307.79	204.33
219.1	710.36	151.58	87.84	13.22	0.96	0	6.2	0.05	161.7	298.2	207.59
214.26	725.14	150.71	94.66	16.21	0.94	0	9.1	0.06	166.88	311.27	214.31
217.39	701.98	145.3	98.03	16.21	0.81	0	8.05	0.06	168.6	291.51	215.72
210.11	693.2	150.86	102.71	16.96	0.96	0	7.07	0.07	168.31	329.99	210.99
204.56	708.72	151.37	108.03	18.63	0.9	0	9.3	0.07	173.28	323.68	222.37
204.08	708.7	161.56	112.41	19.72	1.01	0	8.67	0.09	174.78	318.68	223.68
208.62	719.04	157.46	116.5	20.22	1.06	0	9.02	0.1	177.38	313.63	228.75
204.3	705.77	162.97	118.08	19.16	0.97	0	8.19	0.11	180.6	315.01	236.47
208.88	715.56	168.31	120.29	21.14	1.13	0	7.48	0.11	183.24	356.06	238.71
206.81	717.71	163.26	119.3	22.86	1.01	0	8.53	0.1	182.55	339.42	262.3
202.72	703.76	173.01	122.42	21.73	1.13	0	8.49	0.1	185.99	343.78	239.89

199.54	697.42	169.9	123.41	22.79	1.14	0	10.51	0.1	192.64	339.45	238.83
208.52	695.4	172.9	124.14	23.14	1.1	0	9.18	0.1	194.43	328.11	240.4
210.94	702.56	170.03	130.97	20.01	1.2	0	11.69	0.11	187.93	369.49	236.58
205.23	709.46	173.37	129.8	19.32	1.2	0	11.73	0.1	189.39	366.66	244.45
202.54	717.93	174.12	130.33	19.3	1.25	0	12.1	0.1	186.31	344.33	237.71
208.65	726.13	169.28	135.11	20.01	1.32	0	12.85	0.1	193.4	362.51	229.49
204.25	720.5	181.04	136.02	17.09	1.36	0	11.71	0.11	191.89	350.87	232
206.01	710.63	176.79	142.1	18.01	1.37	0	13.46	0.11	194.16	366.16	227.26
202.5	712.4	162.05	144.17	18.57	1.43	0	11.62	0.11	192.84	340.3	228.51
202.09	700.7	156.24	145.12	18.89	1.51	0	11.25	0.11	187.25	348.54	229.87
202.63	712.34	151.26	144.29	18.97	1.45	0	13.9	0.11	174.89	356.35	232.61
196.4	699.82	144.23	141.41	18.8	1.49	0	15.86	0.11	169.61	322.82	226.05
193.4	708.98	147.24	133.57	18.75	1.41	0	11.11	0.09	164.9	338.06	220.95
187.33	695.06	141.43	139.57	19.25	1.53	0	13.96	0.1	166.57	333.9	220.82
178.57	690.88	143.64	140.93	18.51	1.6	0	15.19	0.1	171.65	324.1	217.93
180.36	707.5	151.96	135.66	18.76	1.56	0	14.36	0.1	174.04	330.4	222.25
179.63	703.77	142.15	137.02	18.86	1.67	0	15.22	0.11	174.68	318.58	220.36
182.9863	691.4521	143.2329	140.1918	29.61644	1.643836	0	10.87671	0.30137	181.5068	335.7534	220.5479
182.3836	700.3836	137.589	149.7808	29.58904	1.643836	0	11.26027	0.30137	181.6986	330.2466	220.1918
185.4521	701.3699	143.9178	152.1918	29.89041	1.643836	0	11.23288	0.30137	181.0685	327.1781	219.8082
188.5205	704.411	144.5479	152.5479	29.50685	1.643836	0	11.26027	0.30137	180.1644	313.726	221.4795
291.58	549.53	110.81	8.04	11.66	0.06	0	0.21	0	105.54	104.26	259.91
272.65	546.63	90.14	8.29	11.94	0.05	0	0.32	0	110.13	99.38	258.24
272.82	553.97	95.84	8.04	13.04	0.1	0	0.65	0	99.93	96.39	275.35
303.56	531.61	86.23	7.74	13.3	0.1	0	0.31	0	107.32	93.06	278.18
267.68	536.96	85	8.15	13.66	0.04	0	0.05	0	106.9	88.2	279.86
257.82	534.3	92.53	8.13	14.72	0.02	0	0.06	0	105.99	82.46	281.23
253.42	435.45	82.81	7.96	14.28	0.04	0	0	0	99.37	84.01	285.2
296.1	497.44	24.76	9.37	14.15	0.05	0	0.02	0	93.89	88.83	286.83
294.48	524.36	112.36	10.46	15.13	0.09	0	0.14	0	104.88	92.14	285.95
327.16	512.36	84.38	11.93	15.24	0.09	0	0.22	0	105.87	102.02	286.42
280.98	467.47	102.78	14.11	16.37	0.24	0	0.26	0	95.97	102.96	286.83
257.99	490.64	67.11	16.2	16.94	0.09	0	0.07	0	105.12	105.05	286.58
253.03	454.7	107.01	18.98	17.85	0.07	0	0.06	0	96.23	106.53	289.4
285.64	486.61	89.84	16.64	26.52	0.1	0	0.07	0	110.62	109.53	290.86
290.82	509.19	80.8	14.34	25.43	0.15	0	0.17	0	99.55	112.3	292.88
271.14	515.14	106.38	14.54	25.93	0.1	0	0.33	0	111.07	115.03	284.99
269.08	485.67	73.77	14.61	22.92	0.14	0	0.38	0	89.66	117	266.94
253.03	508.34	60.57	13.67	24.76	0.12	0	0.3	0	90.95	122.71	268.29
238.37	557.26	81.49	13.37	25.48	0.15	0	0.44	0	106.76	126.38	269.25
258.58	509.01	82.63	12.63	21.24	0.18	0	0.41	0	95.47	129.87	270.33
263.62	517.13	97.63	11.65	20.29	0.15	0	0.4	0	99.33	126.59	270.23
272.31	507.87	97.06	15.33	20.59	0.14	0	0.37	0	92.56	122.12	258.52
219.24	449.66	91.35	15.54	20.55	0.09	0	0.24	0	86.61	110.98	263.71
217.39	480.27	97.06	15.94	21.51	0.14	0	0.26	0	88.68	108.11	263.57
211.96	479.95	105.5	15.55	22.24	0.1	0	0.23	0	88.29	105.83	267.52
195.81	499.87	76.81	16	23.9	0.13	0	0.39	0	75.32	104.67	272.95
218.75	529.43	79.92	16.81	21.38	0.17	0	0.47	0	76.11	104.96	250.68
221.77	491.83	82.84	19.81	20.66	0.11	0	0.28	0	72.01	95.05	249.04

207.21	483.42	85.21	20.75	22.85	0.11	0	0.67	0	64.96	97.74	248.35
187.62	440.46	119.44	20.02	28.21	0.15	0	1.52	0	69.15	84.96	262.33
237.31	497.89	109.47	22.08	27.99	0.25	0	2.45	0	90.35	94.25	246.97
240.17	499.11	108.35	22.79	26.12	0.24	0	3.33	0	97.15	103.71	265.36
243.32	444.98	125.62	27.94	27.51	0.09	0	0.51	0	92.75	124.24	258.52
251	553.96	95.68	28.07	30.17	0.17	0	0.7	0	90.46	127.34	239.28
206.38	537.6	78.27	31.33	25.43	0.23	0	0.55	0.01	90.61	123.51	258.74
215.93	597.22	91.98	32.12	29.45	0.17	0	0.75	0.01	91.4	144.28	260.21
206.56	529.65	93.95	33.5	29.48	0.19	0	0.64	0.01	97.26	152.46	264.16
206.49	507.55	104.1	40.72	29.86	0.19	0	1.02	0.01	104.98	159.41	256.63
201.82	547.54	78.02	47.17	30.57	0.18	0	0.6	0.01	96.54	178.08	260.89
176.72	589.28	105.31	44.99	29.67	0.22	0	0.63	0.01	89.27	154.15	259.57
197.92	647.35	89.83	43.97	29.85	0.2	0	0.66	0.01	76.27	158.18	272.96
186.01	538.84	99.98	35.65	29.73	0.16	0	0.32	0.01	99.75	155.04	282.68
142.3	566.77	103.82	24.96	29.71	0.18	0	0.37	0.01	99.13	159.82	289.77
143.12	485.81	103.28	33.11	31.28	0.13	0	0.44	0.01	97.28	147.52	296.35
122.17	506.65	109.02	41.52	29.73	0.19	0	0.45	0.02	97.42	155.06	295.35
123.22	491.83	104.09	46.97	30.02	0.18	0	0.49	0.03	97.99	154.64	298.27
133.46	612.26	91.11	38.57	30.49	0.21	0	0.49	0.04	97.64	164.69	299.6
158.51	575.1	89.33	55.21	31.3	0.26	0	0.6	0.03	100.28	155.6	301.46
147.81	612.25	91.29	51.69	31.32	0.21	0	0.73	0.02	103.8	151.03	302.34
164.81	543.7	101.12	48.1	31.28	0.31	0	0.8	0.03	105.99	157.97	290.65
158.1	586.57	88.03	57.46	31.58	0.3	0	0.94	0.03	108.69	146.88	291.61
139.5	600.46	100.14	60.34	31.24	0.35	0	0.69	0.03	110.82	168.52	296.41
158.22	580.87	89.86	75.2	31.52	0.34	0	0.68	0.03	111.29	165.49	299.49
141.2055	574.4658	80.65753	30.54795	40.54795	0.273973	0	0.438356	0.109589	155.2055	153.8082	294.137
136.6027	571.726	78	26.82192	45.23288	0.30137	0	0.465753	0.136986	143.4521	162.7945	295.6986
121.2877	507.6164	81.50685	27.26027	45.50685	0.383562	0	0.547945	0.136986	148.9041	160.9041	297.2603
137.9452	520.6027	77.80822	24.9863	45.61644	0.438356	0	0.684932	0.164384	142.3562	164.3836	296.137
106.08	446.19	364.01	10.28	1.89	0.08	0	2.83	0.63	87.39	207.06	457.77
114.61	456.24	361.86	10.24	5.84	0.08	0	3.5	0.62	91.34	203.18	455.48
121.31	481.03	359.39	9.85	4.65	0.1	0	4.06	0.67	94.17	190.46	453.46
100.45	465.66	383.87	7.48	7.39	0.12	0	4.14	0.6	98.57	239.51	439.3
119.93	421.9	389.04	8.45	6.55	0.11	0	4.24	0.71	104.03	218.72	438
124.3	453.17	369.72	8.89	7.75	0.12	0	4.38	0.7	107.73	218.78	426.78
129.23	494.98	358.8	9.19	10.34	0.13	0	4.7	0.75	111.66	238.89	415.22
131.13	518.79	367.12	9.7	9.77	0.14	0	4.88	0.75	114	229.25	410.29
129.01	541.5	358.92	10.15	10.7	0.15	0	4.59	0.8	114.6	217.68	407.66
128.61	553.59	356.15	12.78	11.63	0.11	0	4.54	0.79	117.9	232.12	413.74
135.94	542.95	350.69	14.19	12.51	0.11	0	4.65	0.78	119.79	233.98	402.71
142.86	527.86	328.78	14.19	12.36	0.15	0	4.53	0.78	117.61	224.35	399.55
147.78	486.7	334.15	14.67	11.6	0.11	0	4.95	0.82	123.9	256.11	393.31
149.37	542.22	339.59	16.26	12.19	0.11	0	5.06	0.81	122.71	253.37	387.2
157.61	560.07	328.7	16.94	15.05	0.12	0	5.18	0.81	123.63	246.25	367.8
152.25	555.41	326.04	15.71	15.35	0.15	0	5.14	0.8	126.79	248.34	367.77
147.85	523.14	329.01	19.14	18.02	0.14	0	5.37	0.83	128.51	248.62	364.79
150.83	536.88	320.87	20.51	16.64	0.14	0	5.33	0.8	129.38	260.17	369.27
152.08	525.67	315.37	22.64	20.43	0.14	0	5.22	0.82	127.11	274.78	367.21
149.1	501.49	298.78	23.69	21.32	0.14	0	4.85	0.83	134.09	269.87	367.91

145.18	490.75	287.72	25.67	22.24	0.16	0	4.85	0.82	134.34	271.58	366.44
145.39	476.47	301.46	27.25	21.74	0.16	0	4.7	0.81	134.43	280.73	372.38
154.74	466.05	301.36	28.19	20.89	0.16	0	4.97	0.8	133.59	279.09	370.2
156.99	492.44	301.75	27.92	19.4	0.14	0	5	0.85	133.86	285.76	373.3
157.7	509.75	285.17	29.22	19.73	0.16	0	5.2	0.89	127.51	283.46	379.99
157.08	522.74	293.38	30.95	18.7	0.18	0	5.24	1.47	132.83	283.04	385.1
163.81	514.32	287.97	31.93	19.43	0.15	0	5.53	1.94	142.47	277.56	385.02
169.91	517.98	271.33	32.76	19.81	0.17	0	6.12	1.2	141.4	280.37	385.69
172.34	538.72	267.97	32.7	18.57	0.2	0	6.27	0.95	128.12	248.5	380.68
170.69	542.28	272.9	33.68	15.13	0.17	0	5.01	0.85	135.15	247.16	390.36
156.53	456.45	213.47	30.62	14.97	0.15	0	4.32	0.75	99.34	240.97	404.44
65.36	411.42	73.86	8.63	36.03	0.01	0	1.98	0	35.17	420.09	495.04
69.25	425.6	68.4	4.73	34.47	0.01	0	1.99	0	36.52	364.21	477.03
84.24	415.55	68.4	6.09	32.58	0.01	0	1.9	0	27.73	359.41	483.5
83.59	384.18	62.92	6.78	35	0.01	0	1.99	0	30.29	331.8	448.29
78.51	381.44	73.87	3.92	24.94	0.01	0	1.99	0	42.19	302.42	459.53
81.23	383.36	97.31	3.8	30.13	0.03	0	1.93	0	39.52	275.03	443.89
82.01	390.69	96.2	3.61	32.33	0.04	0	2.15	0	54.07	280.15	416.38
61.52	378.51	87.72	3.5	30.04	0.04	0	2.44	0	45.33	321.3	434.83
63.59	378.14	74.48	2.79	26.16	0.04	0	1.83	0	41.78	296.98	417.77
62.4	373.52	75.86	1.76	16.8	0.03	0	3.01	0	27.13	317.89	420.2
62.88	381.98	77.97	1.82	21.86	0.05	0	3.31	0	18.58	324.65	431.01
68.03	378.53	82.55	2.6	20.68	0.08	0	3.77	0	12.31	361.08	457.11
71.74	380.36	87.66	2.55	17.66	0.08	0	3.99	0	13.15	344.37	460.15
74.46	391.35	89.42	2.99	15.65	0.09	0	3.58	0	22.64	355.97	470.45
77.79	388.5	95.48	3.3	14.84	0.09	0	4.36	0	34.2	435.55	466.8
76.48	394.49	109.82	2.87	14.55	0.08	0	3.11	0	56.11	472.23	437.54
79.54	378.59	127.54	2.82	7.59	0.06	0	3.25	0	33.38	527.33	468.25
82.95	375.27	132.02	2.85	10.67	0.06	0	3.37	0	28.56	561.56	468.72
86.83	369.84	144.05	3.18	11.34	0.05	0	3.28	0	28.33	599.6	468.81
97.43	367.62	144.03	4.17	10.49	0.07	0	3.13	0	27.94	643.84	467.34
96.32	363.77	143.99	4.37	10.74	0.12	0	3.39	0	27.66	726.47	465.54
101.22	359.17	142.98	5.11	10.59	0.14	0	3.48	0	27.61	765.72	464.66
96.49315	578.137	140.7123	4.90411	28.52055	0.136986	0	6.246575	0	23.72603	791.7534	474.0822
100	623.6164	143.2603	4.986301	26.27397	0.136986	0	6.575342	0	27.26027	860.5205	469.1781
97.83562	618.8493	144.9315	5.09589	25.69863	0.164384	0	5.671233	0	28.93151	799.5616	472.7945
97.75342	599.5342	146.274	5.369863	29.86301	0.191781	0	3.753425	0	29.36986	751.0959	476.411
118.71	41.92	0	3.99	83.81	0.42	0	0	0	36.75	1021.09	54.6
118.76	47.4	0	4.03	80.66	0.4	0	0	0	44.54	1004.27	63.85
128.55	49.06	0	3.99	93.58	0.43	0	0	0	34.79	990.25	62.7
131.79	52.71	0	4	88.36	0.42	0	0	0	33.46	973.59	54.49
129.22	57.61	0	4	99.04	0.44	0	0	0	40.02	955.42	63.3
127.48	60.3	0	4.04	90.27	0.43	0	0	0	37.32	953.25	69.19
123.39	62.9	0	3.95	123.11	0.45	0	0	0	44.86	927.62	71.48
124.89	65.39	0	4.06	114.73	0.44	0	0	0	43.86	930.5	49.51
123.51	70.81	0	4.16	110.32	0.46	0	0	0	47.67	919.66	76.79
126.97	74.57	0	7.48	93.54	0.45	0	0	0	48.32	912.65	76.43
133.74	79.9	0	9.4	101.12	0.47	0	0	0	53.43	895.11	85.67
126.63	80.04	0	11.14	99.2	0.45	0	0	0	46.65	878.06	87.2

119.19	82.77	0	12.12	99.15	0.47	0	0	0	47.72	869.69	71.76
139.98	92.83	0	12.31	99.28	0.45	0	0	0	44.43	849.28	84.09
122.63	89.39	0	10.77	96.74	0.47	0	0	0	30.75	835.7	79.64
125.03	73.37	0	10.67	70.75	0.45	0	0	0	30.84	808.7	70.55
107.65	76.02	0	10.73	98.22	0.47	0	0	0	31.99	813.1	66.88
104.85	76.28	0	9.8	105.06	0.45	0	0	0	60.92	795.97	63.42
104.79	197.12	7.52	9.5	102.53	0.7	0	0	0	51.44	787.52	76.89
110.39	88.28	8.12	13.6	94.73	0.68	0	0	0	37.96	810.73	63.62
95.47	57.47	4.44	10.66	86.89	0.67	0	0	0	31.66	829.24	60.36
92.95	74.03	4.05	11.8	87.17	0.45	0	0	0	30.59	879.73	70.27
99.68	75.71	5.35	10.16	89.34	0.64	0	0	0	38.06	880.46	77.11
108.53	73.52	5.09	10.94	108.06	0.71	0	0	0	38.17	881.09	77.73
107.56	76.46	5.06	10.83	118.97	0.48	0	0	0	43.81	869.19	80.92
101.2	66.42	3.85	11.62	119.04	0.58	0	0	0	34.99	852.99	72.27
98.64	75.62	3.14	12.21	119.52	0.44	0	0	0	30.48	836.12	73.17
82.64	76.71	3.88	10.54	112.35	0.3	0	0	0	36.79	798.49	70.4
83.81	60.4	2.45	10.44	99.24	0.48	0	0.04	0	28.73	781.22	68.12
90.3	59.3	3.31	10.88	98.95	0.45	0	0.02	0	26.73	781.01	59.44
96.3	62.49	7.38	12.16	108.16	0.76	0	0.15	0	27.65	745.19	62.48
96.85	59.6	73.67	12.48	116.24	0.45	0	0.09	0	31.77	699.66	63.01
88.27	59.16	70.82	13.18	115.5	0.92	0	0.09	0	25.28	602.55	61.61
88.44	69.52	106.25	13.35	125.96	0.42	0	0.02	0	30.49	564.73	54.18
91.78	57.59	103.18	14.68	134.78	0.95	0	0.02	0	34.34	543.35	53.83
91.51	80.89	92.22	14.38	146.83	0.83	0	0.05	0	42.95	627.15	62.87
86.58	71.56	96.97	12.99	154.99	0.86	0	0	0	41.86	666.31	67.95
91.65	74.07	95.94	15.85	153.92	1.08	0	0	0	41.1	683.08	69.02
91.32	70.15	93.76	16.8	149.85	1.42	0	0	0	41.25	670.7	72.25
91.6	70.22	93.17	18.36	149.28	1.2	0	0	0	41.68	658.26	72.46
87.62	51.69	89.37	18.84	158.01	1.67	0	0	0	40.94	655.86	74.03
80.34	54.86	90.98	18.67	156.76	1.2	0	0	0	42.68	654.7	87.34
82	54.33	90.45	17.53	163.14	1.54	0	0	0	42.47	653.05	96.65
80.15	55.52	90.22	17.39	165.93	1.25	0	0	0	43.51	649.48	97.42
82.93	56.77	94.7	17.24	165.31	1.19	0	0	0	42.63	619.2	104.39
77.05	69.72	98.74	22.88	156.32	1.97	0	0.61	0.14	39.14	617.05	103.34
90	84.12	99.34	22.81	148.47	2.11	0	0.61	0.24	50.97	614.02	104.03
88.99	81.45	111.2	28.94	136.56	1.83	0	1.26	0.16	52.76	621.37	119.04
81.73	78.6	98.44	29.1	137.9	2.15	0	0.71	0.34	54.32	627.94	127.74
82.39	84.58	102.11	31.14	126.1	1.71	0	0.86	0.68	54.65	653.61	123.91
78.08	98.66	107.74	33.5	118.48	1.8	0	1.42	0.23	55.46	624.15	126.53
81.69	66.98	105.21	32.72	121.89	1.31	0	0.39	0.27	49.75	642.2	123.2
88.6	69.66	110.15	32.19	112.88	1.31	0	0.48	0.45	51.38	632.01	140.31
80.9863	47.12329	7.369863	30.76712	114.4384	1.315068	0	0.191781	0.958904	57.72603	628.0274	114.3288
78.52055	42.71233	7.041096	30.84932	109.726	1.287671	0	0.164384	0.958904	48.16438	624.3014	120.5753
77.42466	45.91781	7.068493	30.87671	105.5068	1.315068	0	0.191781	0.958904	48.73973	619.2329	104.7671
73.12329	45.61644	7.09589	31.94521	108.8493	1.315068	0	0.136986	0.958904	49.06849	591.1233	118.6027
68.06	322.33	21.15	14.38	12.68	0.43	0	0.4	0	98.67	69.44	96.24
67.92	309.23	29.44	14.85	14.75	0.4	0	0.35	0	94.51	62.49	99.44
67.78	308.39	26.46	15.89	16.87	0.37	0	0.35	0	89.15	63.22	105.76
69.37	314.67	28.67	18.59	20.8	0.42	0	0.36	0	103.74	70.37	119.51



67.88	285.39	33.35	18.49	21.36	0.37	0	0.42	0	106.51	70.24	115.32
69.87	267.56	28.16	19.26	23.67	0.31	0	0.39	0	102.71	68.53	117.03
70.36	254.39	30.26	20.97	24.96	0.41	0	0.51	0	102.38	66.53	116.88
69.39	263.92	30.25	21.7	25.67	0.41	0	0.51	0	102.58	69.15	114.27
75.5	279.82	27.62	22.33	26.14	0.31	0	0.43	0	108.02	63.13	123.31
71.76	281.13	26.71	23.87	26.6	0.38	0	0.49	0	108.3	66.71	131.86
72.28	284.97	23.15	24.81	25.76	0.36	0	0.54	0	114.06	63.82	128.22
72.04	281.31	21.11	27.62	26.14	0.41	0	0.58	0	110.23	63.58	125.01
80.96	306.54	21.04	30.42	26.46	0.3	0	0.34	0	118.17	60.4	120.26
81.51	285.3	25.03	32.92	27.85	0.22	0	0.32	0	118.78	63.8	117.49
84.9	335.1	26.97	35.22	27.34	0.31	0	0.59	0	118.85	62.33	142.76
86.29	343.68	21.58	37.85	29.1	0.32	0	0.72	0	123.18	69.25	143.06
85.97	449.15	30.15	39.25	32.48	0.45	0	0.73	0	124.99	72.65	138.91
93.5	427.91	26.05	44.78	32.34	0.36	0	0.87	0	128.57	75.23	136.36
91.03	415.36	29.44	43.74	35.13	0.43	0	0.71	0	136.5	78.82	141.2
89.73	400.97	33.09	47.66	57.17	0.34	0	0.59	0	125.82	78.27	138.19
88.69	429.23	30.75	55.17	35.69	0.55	0	0.69	0	125.83	71.91	155.5
86.71	417.1	31.97	58.94	40.34	0.35	0	0.67	0	109.87	68.53	125.82
84.18	354.97	31.89	53.3	46.15	0.22	0	0.22	0	115.17	65.28	142.65
74.28	389.55	30.38	58.88	54.23	0.66	0	0.25	0	113.46	62.86	157.76
78.27	350.26	24.79	55.65	50.58	0.32	0	0.34	0	109.52	57.62	167.34
76.06	297.32	24.86	52.06	17.68	0.24	0	0.1	0	115.04	57.48	148.13
70.96	336.45	27.28	53.67	34.81	0.17	0	0.11	0	114.81	62.39	157.3
74.3	402.85	27.43	57.67	41.04	0.27	0	0.19	0	122.01	66.45	170.8
75.46	296.26	27.35	38.87	30.25	0.15	0	0.14	0	99.39	64.19	115.12
74.95	235.61	16.64	34.27	34.76	0.18	0	0.19	0.14	104.76	65.3	139.86
68.05	286.89	39.97	42.62	36.79	0.21	0	0.42	0	95.78	76.36	149.71
73.87	282.26	38.89	47.16	36.37	0.21	0	0.41	0	108.47	82.58	155.21
76.24	276.57	38.23	49.87	30.26	0.18	0	0.43	0	106.46	88.28	141.35
66.6	239.99	37.95	49.14	42.83	0.12	0	0.31	0	109.69	106.27	135.97
62.44	245.5	49.14	54.34	45.43	0.25	0	0.21	0	111.26	115.12	128.2
64.82	236.89	39.9	56.63	52.63	0.17	0	0.25	0	111.58	119.71	108.21
73.1	235.23	39.26	56.01	35.83	0.18	0	0.43	0.01	107.13	128.21	115.38
68.71	251.3	48.44	60.77	35.76	0.24	0	0.44	0.02	104.39	156.92	135.95
66.1	234.34	49.23	72.67	41.35	0.24	0	0.55	0.01	103.25	151.01	130.19
69.56	231.93	46.56	77.85	31.67	0.27	0	0.65	0.01	105.37	133.38	133.11
66.04	222.04	41.23	96.62	43.44	0.26	0	0.82	0.02	104.24	136.52	145.04
65.9	207.74	40.24	96.55	42.82	0.2	0	0.45	0.01	93.92	150.63	109.01
65.34	222.24	35	74.67	48.16	0.16	0	0.3	0.01	96.11	148.51	149.01
65.06	230.59	36.27	81.36	45.9	0.24	0	0.37	0	106.36	156.9	127.94
65.59	188.17	45.25	86.51	58.59	0.23	0	0.46	0.01	107.5	167.56	139.66
78.87	218.45	47.42	86.58	64.32	0.23	0	0.61	0.01	110	143.2	114.89
93.11	283.11	47.4	93.09	56.64	0.29	0	1.03	0.02	109.45	156.72	138.91
107.52	366.2	42.7	112.89	65.01	0.32	0	1.52	0.01	105.88	157.71	143.41
98.64	348.46	47.83	110.69	87.85	0.23	0	0.91	0.01	107.61	161.04	142.66
82.44	424.69	47.13	120.61	87.8	0.42	0	0.61	0.01	109.45	179.4	145.13
87.24	417.46	51.13	123.76	73.28	0.38	0	0.93	0.02	111.69	192.29	149.62
86.38	404.07	51.42	105.52	63.68	0.35	0	0.79	0.01	108.3	141.71	137.51
99.84	323.46	52.61	107.61	64.09	0.2	0	0.76	0.01	107.66	162.27	134.71

96.90411	326.411	43.09589	106.5753	101.2329	0.164384	0	0.438356	0	104.1918	157.7534	132.3562
77.42466	290.6849	43.20548	83.36986	96.63014	0.027397	0	0.356164	0	104.9589	155.5342	124.0548
66.19178	244.9041	33.26027	57.47945	90.30137	0.027397	0	0.082192	0	102.1644	134.3836	117.1507
62.68493	275.3425	32.57534	55.56164	91.53425	0.027397	0	0.054795	0	99.80822	135.2329	127.3973
29.51	5.28	2.95	4.5	395.98	0.12	0	0.21	1.03	20.86	132.61	9.24
29.36	5.23	3.15	4.7	410.51	0.12	0	0.21	0.9	21.42	131.69	9.07
28.81	6.3	3.4	5.56	404.19	0.1	0	0.2	0.71	22.7	130.39	12.18
28.63	7.91	3.24	4.78	406.22	0.1	0	0.2	0.91	23.27	129.24	8.05
28.83	7.53	3.44	5.12	400.91	0.11	0	0.12	0.93	28.84	128.3	12.11
29.29	16.63	3.65	4.81	395.88	0.1	0	0.21	0.95	25.44	127.24	12.78
29.38	8.35	4.28	4.75	395.21	0.09	0	0.21	0.92	28.09	125.99	11.83
28.43	10.36	4.91	4.72	387.26	0.08	0	0.2	0.87	26.49	125.05	32.39
27.11	12.75	5.02	4.42	383.43	0.09	0	0.2	0.79	29.56	124.08	34.07
26.16	15.92	5.42	4.38	393.9	0.06	0	0.19	0.75	30.33	122.98	52.18
25.97	11.83	6.45	4.44	389.13	0.08	0	0.31	0.68	30.37	121.41	39.11
25.84	10.15	7.29	5.19	388.81	0.08	0	0.27	0.71	30.35	117.71	29.92
25.05	8.44	7.43	5.14	393.74	0.06	0	0.26	0.83	32.35	114.3	32.93
23.65	8.22	8.65	5.04	396.48	0.07	0	0.26	0.84	27.94	111.88	46.23
22.06	7	9.11	3.96	392.21	0.05	0	0.25	0.59	28.09	112.16	29.89
21.52	6.44	11.15	4.19	385.41	0.06	0	0.32	0.9	32.49	112.49	30.87
21.73	7.52	15	3.99	344.51	0.05	0	0.31	0.92	27.97	112.93	57.44
22.16	11.45	25.74	4.01	293.83	0.04	0	0.31	0.92	25.97	113.67	76.91
22.65	10.85	28.31	4.3	325.64	0.05	0	0.3	0.8	32.22	114.07	85.11
23.38	4.4	37.76	4.79	351.82	0.06	0	0.33	1.25	33.57	112.95	45.89
28.43	3.13	24.49	5.59	362.12	0.06	0	0.36	2.12	33.19	116.86	52.41
31.01	3.67	17.42	5.91	378.94	0.05	0	0.53	2.63	32.77	115.78	14.74
33.66	2.89	10.07	7.02	391.52	0.07	0	0.99	1.65	39.85	121.43	10.13
34.36	3.17	11.43	7.12	405.43	0.08	0	0.97	2.1	43.86	125.35	6.69
35.41	3.12	6.49	6.5	401.44	0.04	0	0.95	1.71	40.89	111.39	2.55
37.43	3.89	10.87	5.77	411.42	0.06	0	1.6	0.55	34.84	121.39	3.25
38.86	3.55	18.49	7.05	382.49	0.05	0	1.18	1.33	37.05	119.48	8.36
38.23	4.81	12.31	6.69	379.85	0.07	0	1.46	0.81	34.53	116.01	16.33
39.85	2.7	11.66	6.76	383.2	0.07	0	1.25	1.14	35.93	120.7	6.73
39.66	3.68	12.76	6.74	365.59	0.05	0	1.09	1.61	30.99	122.96	8.5
38.11	5.61	9.54	6.41	350.46	0.05	0	1.24	0.89	34.99	120.81	12.16
42.62	6.11	8.35	6.69	359.22	0.07	0	1.33	2.19	34.71	121.2	10.69
43.96	9.35	7.94	6.28	374.52	0.06	0	1.61	3.18	34.82	125.4	13.82
46.72	19.11	10.18	6.23	372.98	0.08	0	2.27	3.66	43.48	133.72	12.99
48.41	10.74	9.18	6.31	372.82	0.05	0	3.11	2.61	54.54	143.33	15.8
49.38	11.6	9.79	6.98	381.62	0.07	0	3.31	2.47	55.65	142.36	15.8
50.03	7.22	10.69	9.98	375.33	0.08	0	3.58	2.47	58.39	175.08	15.35
51.91	12.2	11.59	10.38	396.09	0.08	0	3.64	3.11	63.65	178.37	18.41
55.19	15.95	10.27	11.14	404.27	0.12	0	3.91	2.87	78.93	192.93	18.19
58.19	22.63	9.45	12.37	409.29	0.09	0	2.14	1.06	76.47	199.76	19.06
62.51	30.63	9.01	12.92	416.07	0.27	0	4.29	1.83	73.75	220.6	17.39
68.63	19.93	11.35	14.28	425.32	0.37	0	4.93	1.99	78.9	222.82	15.81
73.57	26.01	11.13	15	425.76	0.45	0	8.94	2.43	79.26	229.14	17.84
81.52	25.58	11.25	13.81	424.01	0.43	0	11.91	1.9	68.43	230.81	19.42
91.74	30.93	11.82	12.88	407.83	0.6	0	14.6	3.25	60.92	232.7	25.04

99.2	30.28	11.96	14.59	392.57	1.09	0	15.05	3.95	67.91	224.8	27.04
107.08	31.85	11.71	18.63	394.82	1.08	0	16.71	5.07	64.73	231.89	27.77
112.72	23.28	12.19	24	399.23	1.42	0	16.62	5.23	61.91	223.94	29.64
121.97	30.85	12.24	27.25	396.59	1.03	0	13.66	5.24	55.89	231.1	25.15
120.47	39.62	12.25	31.94	398.36	1.38	0	13.73	9.4	58.55	242.39	29.08
126.44	41.65	10.7	42.7	398.12	1.74	0	14.31	12.23	59.23	211.69	30.02
128.18	47.03	13.23	33.99	388.19	2.51	0	11.38	14.73	63.64	388.34	30.64
128.9	45.47	10.55	33.85	396.04	3.2	0	9.72	15.74	57.44	406.66	28.73
147.0959	15.58904	9.890411	36.38356	595.0411	3.09589	0	13.0411	16.19178	71.9726	424.6301	27.61644
153.1233	19.91781	9.863014	41.53425	599.2603	2.876712	0	11.94521	16	72.57534	430.0548	32.49315
153.1781	27.0137	10.08219	37.0411	597.9452	4.054795	0	11.9726	16.32877	71.83562	446.274	32.35616
155.9452	24.32877	10.71233	33.78082	598.5479	4.082192	0	12	14.84932	82.05479	471.2055	30.35616
24.84	35.4	1.25	2.23	28.74	0.18	0	8.21	0.86	12.15	260.15	10.6
24.13	36.19	1.26	2.32	31.8	0.18	0	8.03	1.1	13.98	271.86	10.02
24.62	36.9	1.39	2.4	32.53	0.17	0	8.39	0.72	11.58	258.21	9.73
25.83	38.07	1.37	2.5	36.67	0.17	0	8.28	1.04	11.09	258.97	9.48
26.28	40.58	1.35	2.55	39.22	0.18	0	8.02	0.73	13.58	243.94	9.96
26.34	41.15	1.28	2.61	38.11	0.17	0	7.91	0.9	13.3	239.71	14.53
27.16	40.94	1.28	2.66	41.44	0.18	0	8.26	1.05	13.56	239.33	12.15
27.57	41.98	1.37	2.71	41.28	0.18	0	8.47	0.93	12.86	241.31	11.97
28.64	44.83	1.34	2.94	39.21	0.19	0	8.78	1.03	13.68	236.73	14.25
28.23	47.74	1.26	3.04	39.76	0.18	0	6.53	0.82	14.82	246.78	17.69
27.6	48.12	1.24	3.11	41.71	0.2	0	6.76	1.03	15.77	236.33	20.13
25.75	42.36	1.34	3.16	42.33	0.19	0	5.89	1.09	15.47	227.06	19.29
25.11	39.72	1.33	3.19	44.91	0.22	0	5.89	1.11	15.54	224.76	22.8
24.68	39.86	1.19	3.24	44.11	0.22	0	5.63	1.1	12.62	233.61	19.01
24.33	44.53	1.16	3.56	40.02	0.2	0	5.61	1.07	12.99	221.4	20.03
26.44	46.76	1.02	3.67	41.62	0.22	0	5.45	1.09	16.4	211.31	27.18
26.86	55.43	1.07	4.26	53.24	0.21	0	5.19	1.09	19.99	198.51	30.49
28.02	59.66	1.3	4.53	58.44	0.23	0	5.16	1.1	22.43	182.21	41.83
28.27	52.89	1.35	4.55	65.22	0.24	0	5.57	1.07	24.09	187.49	32.85
30.7	58.31	1.38	4.64	67.32	0.23	0	5.24	1.13	27.38	194.35	37.49
29.93	59.96	1.34	4.85	73.35	0.23	0	5.36	1.1	27.58	185.82	39.36
30.92	57.99	1.07	4.74	70.79	0.23	0	5.42	1.19	25.97	189.5	39.56
31.04	53.86	1.27	4.96	70.74	0.25	0	5.18	0.61	26.38	185.06	32.13
30.46	47.63	1.35	4.6	68.78	0.32	0	5.26	0.61	21.94	199.5	34.67
30.1	43.99	1.26	4.62	70.36	0.36	0	5.13	0.85	20.78	206.81	40.9
27.65	40.96	1.37	4.74	69.23	0.48	0	5.18	0.93	22.81	213.67	33.79
27.41	41.78	1.48	4.94	70.96	0.61	0	5.03	1.45	26.11	214.24	21.12
27.15	39.7	1.47	5.12	72.47	0.72	0	4.29	1.63	21.2	212.56	21.7
26.78	36.55	1.49	5.1	81.38	0.85	0	3.98	3.38	21.11	216.22	20.19
26.9	40.56	1.83	5.02	79.88	1.01	0	4.06	2.66	20.72	202.89	22.45
26.73	42.64	2.05	4.83	84.35	1.09	0	4.73	1.52	23.24	220.2	26.79
26.16	43.59	1.99	4.77	84.28	1.17	0	4.44	1.64	23.19	224.56	28.65
26.71	44.53	2.49	4.8	82.19	1.29	0	4.8	1.75	23.58	226.16	34.49
27.1	35.17	2.14	4.69	74.56	1.3	0	4.04	1.68	21.36	243.98	27.94
26.93	48.04	1.5	4.71	77.55	1.49	0	4.24	2.83	26.41	238.7	25.43
27.38	34.61	1.6	4.61	81.03	1.54	0	3.83	3.09	23.54	260.35	28.12
28.32	34.3	1.98	4.71	83.07	1.46	0	4.62	3.44	24.1	259.35	31.69

27.87	36.97	1.86	4.68	80.8	1.51	0	4.99	3.67	26.01	261.91	38.1
28.21	36.89	5.15	5.01	84.7	1.53	0	7.57	3.84	26.17	260.87	38.85
27.88	38.38	5.66	5.06	85.15	1.58	0	8.5	3.77	25.84	263.74	44.59
28.8	38.62	5.57	5.04	90.18	1.67	0	8.8	3.68	29.67	253.5	44.06
29.98	40.13	5.97	5.81	87.96	1.64	0	8.83	3.82	29.95	257.09	45.83
30.06	44.34	6.28	6.31	87.13	1.69	0	8.63	4	29.43	261.02	43.39
29.98	46.92	6.26	6.19	88.52	1.73	0	9.04	4.12	29.46	269.33	47.19
30.31	47.48	7.01	6.04	86.57	1.53	0	9.42	4.54	29.32	268.93	58.67
29.35	50.35	7.64	5.95	90.31	1.6	0	9.52	4.71	28.9	266.03	52.8
30.12	57.33	6.2	6.54	95.57	1.87	0	9.83	4.22	29.6	259.11	50.34
30.37	50.55	10.12	7.09	99.78	1.97	0	10.57	4.44	29.53	260.08	48.78
30.04	53.15	8.96	7.26	101.65	1.87	0	11.62	3.04	30.55	248.76	56.27
29.9	53.7	9.41	7.79	106.22	1.74	0	12.04	1.97	30.76	251.74	56.92
30.51	53.34	9.3	8.86	108.53	1.67	0	11.55	3.82	29.36	245.44	56.9
30	52.47	10.14	9.06	105.41	1.6	0	11.19	3.92	30.54	251.35	47.88
29.88	52.31	10.07	9.27	106.8	1.58	0	9.98	3.95	32.21	245.1	53.3
26.63014	37.91781	9.589041	8.246575	165.5616	1.589041	0	5.39726	2.794521	29.91781	274.8493	61.94521
26.68493	36.38356	9.69863	7.671233	151.8082	2.438356	0	5.013699	2.821918	29.78082	279.0411	60.32877
25.86301	36.57534	9.808219	7.506849	166.3288	2.931507	0	4.931507	2.821918	30.68493	280.1096	60.21918
26.13699	38.52055	9.890411	7.69863	165.8904	2.876712	0	4.849315	2.684932	29.09589	271.4521	55.9726
42.39	344.83	68.48	6.86	22.91	3.93	0	9.54	0	34.43	375.59	346.44
42.17	347.81	68.2	7.37	23.77	3.9	0	9.61	0	40.52	382.78	338.58
41.58	339.15	70.93	7.36	22.29	6.7	0	8.95	0	48.77	392.61	335.52
40.6	340.6	73.26	7.69	21.03	3.21	0	9.16	0	50.19	409.42	350.62
40.53	333.07	70.25	7.97	22.82	2.3	0	8.95	0	54.67	408.67	359.63
41.49	342.47	72.86	8.43	25.08	2.02	0	8.95	0	57.51	397.64	358.95
39	344.31	69.9	8.89	24.1	1.72	0	9.73	0.02	58.73	407.36	352.41
40.03	344.53	71.89	9.59	23.94	2.02	0	10.56	0.04	58.4	395.26	366.17
41.25	338.21	73.91	10.37	26.31	1.56	0	8.85	0.03	61.59	408.38	375.94
40.69	327.16	70.89	10.94	26.99	1.93	0	10.8	0.03	63.22	415.13	390.27
40.1	329.47	76.71	11.86	26.2	1.24	0	10.86	0.02	64.11	461.37	390.5
37.97	329.03	77.88	13.37	24.13	0.96	0	10.94	0.04	67.16	423.98	395.86
38.26	334.04	76.39	13.71	28.48	1.07	0	11.15	0.05	69.46	370.57	404.98
39.11	333.21	79.12	15.41	26.57	1.41	0	10.79	0.09	68.91	383.21	400.12
40.78	331.09	82.44	17.25	29.49	1.14	0	10.72	0.04	69.72	401.58	402.19
38.83	340.66	92.38	19.64	30.25	1.3	0	10.1	0.03	73.28	418.06	400.59
41.62	351.76	90.46	21.18	31.09	1.54	0	11.38	0.04	76.78	413.43	410.39
39.58	357.65	89.33	23.7	33.65	1.34	0	9.37	0.09	79.04	434.85	410.36
38.69	378.26	92.69	26.32	39.82	1.58	0	10.69	0.15	82.15	439.24	425.64
37.63	377.12	94.51	29.87	36.18	1.41	0	9.85	0.11	80.74	438.36	440.36
41.22	376.35	93.59	31.96	40.52	1.44	0	10.67	0.11	81.42	424.98	446.02
41.3	353.43	91.09	35.42	41.99	1.73	0	9.77	0.1	85.22	443.94	448.52
42.51	340.51	90.46	34.78	40.12	2.06	0	9.81	0.06	83.1	443.09	471.45
48.78	363.56	90.03	35.09	43.42	2.32	0	8.06	0.06	85.98	463.38	442.28
47.46	354.6	113.38	35.1	43.62	1.6	0	8.34	0.15	82.09	499.23	480.82
49.33	347.49	107.59	37.5	43.33	1.77	0	8.69	0.1	86.39	470.63	468.69
45.3	337.5	109.91	38.6	44.34	1.71	0	9.54	0.12	91.43	481.77	470.68
44.44	340.47	109.7	40.32	43.65	2.26	0	11.19	0.07	86.83	477.13	479.97
43.17	315.97	103.75	38.84	45.41	1.68	0	11.21	0.09	86.99	477.59	468.73

42.01	312.29	105.62	37.25	42.11	1.8	0	11.4	0.12	83.49	494.77	470.45
38.79	304.2	104.78	33.83	36.62	1.68	0	10.4	0.11	80.73	447.92	458.09
39.78	276.9	104.34	30.77	39.45	1.65	0	12.03	0.12	76.81	439.91	439.83
39.11	274.26	109.05	31.27	39.36	1.5	0	10.42	0.11	76.17	437.69	423.38
38.51	276.16	101	31.58	34.73	1.48	0	10.37	0.13	74.59	444.99	437.76
39.73	277.77	109.81	34.45	37.96	1.77	0	9.68	0.46	73.67	481.21	417.48
37.46	285.98	110.51	33.48	39.72	1.5	0	11.05	0.13	76.83	465.31	413.24
39.32	272.88	109.48	35.27	43.06	1.41	0	10.41	0.33	81.65	442.02	408.22
38.31	270.36	115.69	37.44	44.77	1.67	0	9.69	0.48	81.41	472.38	418.16
37.19	283.37	129.76	41.07	46.69	1.17	0	8.72	0.94	77.18	482.81	422.43
38.5	276.57	114.48	43.39	52.06	1.54	0	9.89	0.99	79.36	469.44	411.54
36.04	267.23	110.55	44.33	47.72	1.59	0	10.34	0.81	78.63	463.69	424.13
37.43	252.28	116.71	45.45	49.08	2.44	0	10.64	1.54	77	474.78	421.11
37.01	280.88	116.32	49.04	48.99	2.12	0	10.8	1.4	75.29	452.64	410.53
37.5	277.84	108.54	48.95	48.42	1.96	0	9.48	0.85	80.04	464.49	410.67
36.85	279.74	103.72	52.77	51.4	2.41	0	11.37	1.27	80.54	471.91	401.24
37.65	284.46	106.06	50.08	53.39	2.45	0	12.48	1.88	84.55	462.52	410.34
40.29	283.39	97.37	55.68	53.03	2.85	0	11.83	1.68	79.44	453.56	405.53
39.14	290.46	93.05	56.69	56.44	2.56	0	12.53	1.67	80.36	447.31	397.97
37.28	291.56	90.92	62.54	57.19	2.36	0	13.4	1.59	81.03	431.33	397.67
41.93	295.45	88.46	64.06	56.84	2.98	0	13.74	1.5	84.22	432.81	390.89
43.27	315.46	90.96	66.14	59.6	3.42	0	14.47	1.16	81.07	433.26	382.22
44.5	337.63	93.06	66.52	62.01	4.03	0	14.73	2.64	82.16	430.54	379
46.68	342.38	85.72	67.32	61.98	3.97	0	14.2	1.69	82.54	433.69	378.46
43.91781	284.0822	85.15068	65.78082	81.61644	3.890411	0	9.260274	0.164384	88.32877	403.0411	356.7397
44.05479	279.4247	82.65753	64.46575	82.32877	3.890411	0	12.30137	0.136986	89.53425	388.3014	353.6712
42.60274	273.4521	83.23288	64.24658	76.90411	3.69863	0	10.68493	0.136986	87.42466	387.2329	362.137
43.50685	269.8356	79.91781	65.80822	77.17808	3.808219	0	13.12329	0.136986	90.82192	382.5205	348.0274
176.14	582.42	336.31	18.22	4.98	0.37	0	6.15	0	96.01	234.7	236.1
180.61	582.88	329.08	19.51	5.25	0.44	0	6.57	0	98.39	232.49	232.47
179.87	591.76	323.55	19.45	4.74	0.42	0	6.42	0	99.59	243.38	226.5
181.1	590.6	311.84	20.9	4.85	0.44	0	6.65	0	102.84	236.18	234.31
184.72	596.54	296.61	21.3	5.32	0.46	0	6.78	0	99.59	227.19	234.69
187.36	590.32	295.89	19.31	6.01	0.44	0	7.03	0	103.83	238.45	227.85
192.75	606.2	296.34	20.08	5.23	0.47	0	6.58	0	106.38	242.91	220.2
200.29	618.43	291.05	20.42	5.12	0.52	0	6.98	0	104.49	229.88	217.93
200.51	606.5	283.25	22.78	5.25	0.54	0	6.89	0	106.73	235.72	214.93
206.51	612.9	278.96	24.39	5.43	0.5	0	6.81	0	111.45	240.49	209.39
212.67	607.88	276.91	25.22	5.74	0.56	0	6.9	0	113.85	232.81	204.53
214.36	617.7	268.36	26.55	6.02	0.6	0	7.31	0	112.18	228.11	205.42
213.81	622.92	263.99	28.54	6.02	0.68	0	7.71	0	119.87	235.72	204.41
221.69	625.46	262.25	27.68	5.89	0.7	0	6.92	0	118.2	232.45	203.15
224.04	613.51	253.85	28.27	6.37	0.7	0	7.69	0	111.35	224.94	201.22
227.13	630.8	225.73	29.03	6.81	0.74	0	8.65	0	115.15	215.92	208.2
228.93	648.07	241.87	29.58	6.46	0.7	0	8.78	0	111.96	238.93	208.67
236.29	665.35	246.32	31.11	6.31	0.74	0	9.27	0	113.48	242.63	210.61
241.73	683.07	239.55	31.61	6.77	0.81	0	9.14	0	110.93	239.64	212.77
246.01	691.62	230.24	32.16	7.18	0.77	0	9.02	0	110.37	230.84	215.97
243.54	695.35	225.79	32.76	7.4	0.82	0	8.3	0	112.19	242.46	216.33

238.92	703.01	227.24	35.02	7.54	0.78	0	9.26	0	111.79	246.77	210.68
241.28	734.01	222.28	32.93	7.64	0.82	0	9.27	0	113.01	230.81	210.96
242.19	748.01	229.62	34.01	7.76	0.81	0	8.84	0	108.06	241.25	211.71
244.23	753.29	234.97	34.55	7.87	0.79	0	9.24	0	111.06	252.69	210.85
241.23	745.76	229.39	36	8.34	0.91	0	9.44	0	112.49	245.41	210.55
243.65	752.62	230.92	38.01	8.33	0.89	0	9.07	0.03	112.69	246.54	213.59
242.87	748.64	229.48	38.82	8.85	0.98	0	10.05	0.05	115.45	260.07	214.15
235.1	742	227.91	39.62	8.78	1.03	0	10.17	0.12	113.38	258.44	216.14
235.82	715.57	214.98	41.8	8.35	0.96	0	11.31	0.46	106.33	253.44	208.31
230.39	749.95	216	42.91	8.58	0.98	0	11.5	0.42	117.72	259.57	208.63
225.38	741.03	218.24	44.29	8.37	0.92	0	12.45	0.65	121.08	258.73	205.23
222.19	720.21	216.45	42.41	8.16	0.95	0	12.28	0.72	115.68	252.09	210.39
212.89	728.94	206.71	46.06	8.39	0.98	0	12.5	0.76	112.46	236.07	214.46
212.09	750.52	210.29	46.06	7.98	1	0	12.59	0.97	117.26	246.28	217.2
213.87	721.71	210.93	50.54	9	1.06	0	12.47	1.12	113.71	259.23	220.87
206.58	737.04	205.94	49.79	9.45	1.14	0	12.86	0.97	116.54	253.2	201.94
214.37	727.92	198.24	51.08	9.35	1.03	0	12.42	0.67	115.89	256.59	224.74
211.88	741.7	205.06	47.42	9.71	1.06	0	12.07	0.75	117.31	273.52	223.67
210.03	735.68	210.34	48.46	9.83	1.14	0	12.9	0.71	117.89	269.55	223.88
205.49	754.75	200.85	52.08	9.98	0.98	0	13.5	1.22	123.13	272.2	234.82
201.78	776.58	198.64	49.31	10.06	1.26	0	13.3	0.94	123.16	270.31	241.67
199.59	764.76	191.89	47.86	9.78	1.21	0	13.47	0.34	126.9	265.14	234.66
191.96	744.71	197.12	51.93	10.36	1.25	0	14.16	0.29	128.82	276.69	235.81
191.44	748.93	173.4	48.77	10.75	1.27	0	14.25	0.33	131.29	259.54	242.89
190.65	761.24	170.94	45.6	10.67	1.33	0	14.93	0.93	124.17	257.85	244.74
191.93	763.33	183.62	48.36	11.75	1.42	0	15.22	1.08	120.68	260.9	242
191.87	737.67	183.59	54.32	11.66	1.27	0	15.67	1.04	124.36	265.53	249.35
192.7	760.26	179.02	52.73	11.89	1.25	0	15.84	1.06	126.47	271.28	248.58
193.13	738.18	174.28	52.13	11.31	1.55	0	14.99	1.06	127.1	264.02	260.15
189.82	740.48	180.93	52.29	12.04	1.54	0	15.64	1.05	123.9	270.21	257.33
190.07	733.2	174.51	55.09	11.75	1.36	0	15.37	1.22	123.67	270.14	251.98
187.28	746.24	170.62	53.95	11.25	1.58	0	16.68	1.43	125.03	267.62	253.39
185.589	756.5479	170.6575	54.54795	15.56164	1.506849	0	9.534247	1.561644	134.6575	256.274	261.0411
184.137	756.411	168.7945	55.12329	16.19178	1.506849	0	10.0274	1.479452	138.5205	252.4932	261.7808
181.6712	772.0822	165.6438	56.19178	16.32877	1.452055	0	9.863014	1.178082	136.9589	259.6712	262.5753
180.5479	769.3425	171.1781	54.9863	16.32877	1.452055	0	10.13699	1.315068	137.0959	261.2877	263.5616
59.59	212.71	97.25	7.88	106.3	0.62	0.33	2.85	3.78	61.99	197.86	150.41
61.32	211.31	93.84	8.07	112.17	0.63	0.34	2.89	3.78	62.06	197.08	151.48
63.39	214.18	93.95	8.31	116.03	0.67	0.38	2.96	4	61.71	193.31	151.79
63.2	212.3	94.16	8.5	120.71	0.63	0.44	2.97	4.13	63.85	191.96	154.55
64.64	207.98	94.5	9.02	119.79	0.56	0.46	2.86	3.66	66.73	189.16	158.09
66.05	210.95	93.18	9.36	121.26	0.54	0.53	2.9	4.48	66.52	193.33	156.6
67.34	212.95	90.25	9.72	121.64	0.54	0.52	3	4.6	65.38	196.21	154.38
68.1	215.61	90.78	9.91	123.42	0.54	0.52	2.99	4.4	65.22	196.4	154.61
67.38	215.67	90.5	10.41	123.43	0.57	0.59	3	4.21	69.03	193.86	155.32
67.51	213.86	89.29	11.12	130.45	0.63	0.53	3.1	4.48	70.87	187.41	156.23
68.82	212.52	87.17	11.4	129.84	0.62	0.62	3.02	4.55	70.64	190.66	154.85
69.17	211.64	84.45	11.96	128.71	0.58	0.75	3.02	4.07	68.74	183.6	160.11
68.23	209.1	85.42	12.21	129.28	0.62	0.66	3.19	4.51	71.27	190.6	161.74

69.41	213	84.3	12.46	130.07	0.64	0.84	3.03	4.2	72.86	192.35	159.68
70.03	211.62	82.24	12.54	133.45	0.63	0.82	3.03	4.06	70.99	192.55	159.93
70.59	215.18	79.71	13.07	132.07	0.63	0.82	3.04	3.95	72.54	189.73	157.4
70.11	214.97	81.53	13.67	135.52	0.78	1.1	3.05	3.81	74.96	194.08	161.53
71.17	215.83	81.72	14.41	136.68	0.81	1.15	3.06	3.84	75.87	198.99	170.71
72.17	218.16	80.91	15.28	135.62	0.77	1.08	3.04	3.81	75.91	201.26	173.48
72.96	217.2	76.35	15.79	136.2	0.78	1.14	2.97	4.07	74.18	195.29	176.67
72.3	215.9	75.67	16.37	136.58	0.75	1.09	3.13	4.11	75.54	200.92	178.16
71.28	215.35	76.64	16.7	143.38	0.76	1.02	3.17	3.91	74.74	206.77	180.14
72.25	216.9	74.62	16.86	146.6	0.85	1.09	3.07	3.77	75.48	206.98	184.86
73	218.8	77.19	16.84	145.91	0.82	1.17	3.16	3.72	78.81	216.71	184.98
74.07	222.88	76.22	17.35	146.87	0.87	1.16	3.17	3.6	77.42	219.06	187.98
73.97	222.14	74.32	18.22	144.87	0.91	1.16	3.08	3.88	76.58	226.15	189.1
74.67	221.51	74.74	19.32	146.56	0.96	0.97	3.24	4.02	76.9	229.12	191.24
75.79	219.13	74.31	19.94	147.52	1	1.11	3.31	4.01	76.59	229.07	191.23
75.65	219.42	74.52	20.02	148.38	1.03	1.2	3.3	3.81	76.89	229.88	190.35
75.9	217.31	74.93	20.95	148.55	1.04	1.1	3.56	3.89	77.41	231.04	185.16
75.39	212.56	70.82	21.75	142.57	1.04	1.47	3.64	3.33	76.27	226.36	194.09
75.31	207.62	77.13	22.42	141.51	1.11	1.98	3.6	3.69	76.61	235.71	191.84
75.02	207.68	78.4	23.35	143.98	1.24	2.37	3.59	4.19	73.14	244.97	191.5
75.69	210.22	75.09	24.33	143.51	1.17	2.55	3.66	4.7	74.9	251.86	192.94
75.92	214.11	76.32	25.74	144.75	1.14	2.48	3.7	4.28	77.08	262.04	193.66
75.26	215.76	78.19	25.95	146.32	1.26	2.55	4.01	4.32	76.58	275.02	190.69
75.19	214.81	85.55	27.29	145.93	1.26	2.54	4.31	4.92	81.28	275.36	191.58
77.2	216.74	85.46	27.97	146.52	1.36	3.01	4.21	4.2	87.66	285.1	191.9
77.72	219.83	86.83	29.01	148.29	1.37	3.35	4.22	3.66	85.95	305.56	190.9
78.22	218.82	89.11	30.12	147.09	1.39	3.47	4.44	3.9	80.26	327.94	190.18
76.84	220.15	87.44	30.79	145.79	1.46	3.56	4.57	3.84	79.44	333.7	188.35
77.94	223.98	89.22	31.74	145.52	1.4	3.84	4.79	3.64	79.17	340.16	186.07
78.85	226.09	89.29	32.24	144.63	1.6	4.14	4.98	3.68	80.06	346.06	182.93
78.49	228.84	93.36	32.96	145.53	1.6	4.51	5.21	3.69	78.92	345.35	182.13
79.01	233.38	92.18	33.55	145.78	1.7	4.51	5.39	3.94	78.58	349.64	181.23
80.24	237.15	85.2	34.37	145.24	1.74	4.54	5.69	3.91	78.95	358.7	181.96
81.71	241.86	87.39	35.89	145.69	1.85	4.63	6.02	3.94	80.45	364.72	180.84
82.15	242.74	91.15	37.25	147.91	1.83	4.72	6.59	3.92	79.83	371.63	179.71
82.01	245.1	90.24	37.66	147.77	1.79	4.83	6.59	3.91	77.6	376.25	178.53
82.84	248.16	92.33	38.73	147.97	1.97	5.04	6.89	4.01	77.7	382.84	180.06
82.13	251.88	94.1	39.84	148.51	2.28	5.22	7.1	4.01	78.86	388.96	178.81
83.08	253.98	95.26	40.36	147.78	2.22	5.63	7.17	4.19	80.21	397.98	177.59
83.48	251.56	93.61	41.06	147.72	2.18	5.6	7.2	4.17	80.31	401.07	179.26
81.42466	242.4658	90.71233	40.05479	221.3151	2.219178	0.465753	8.767123	3.616438	78.9589	396.274	179.2329
81.39726	241.6986	89.9726	40.63014	220.3836	2.246575	0.493151	6.273973	3.835616	79.53425	400.7397	179.2055
80.84932	242.6849	89.9726	41.31507	222.3836	2.547945	0.547945	8.931507	3.835616	79.58904	402	180.411
81.28767	244.5479	91.69863	41.58904	223.0959	2.630137	0.520548	6.410959	3.863014	76.90411	405.4247	179.7808
29.29	73.31	11.52	0.76	2.65	1.3	0	1.01	0	31.54	374.22	35.63
29.4	74.98	11.56	0.8	5.85	0.75	0	1.07	0	33.93	369.8	35.66
29.04	75.41	12.22	0.73	7.83	0.67	0	1.03	0	30.58	376.4	42.89
29.24	79.6	12.99	0.82	7.33	0.89	0	1.08	0	30.58	361.13	47.53
29.47	83.35	13.11	0.81	5.14	1.45	0	1.25	0	41.81	354.24	58.59

27.4	80.24	13.37	0.89	9.37	1.35	0	1.08	0	44.36	340.93	65.76
26.91	84.8	14.29	0.76	10.15	1.09	0	1.18	0	44.92	346.1	61.47
24.3	66.7	15.15	0.67	12.19	1.56	0	2.27	0	51.28	333.29	66.6
21.36	74.39	14.21	0.7	24.77	1.61	0	2.43	0	47.52	302.49	67.61
20.97	60.53	5.95	0.71	18.41	2.21	0	2.09	0	48.73	294.86	101.1
22.67	54.11	21.49	0.69	10.52	1.08	0	2.36	0	40.9	337.79	91.91
21.84	55.8	21.84	0.68	11.28	0.76	0	2.27	0	39.9	337.31	108.97
21.63	56.94	24.11	0.68	12.15	1.86	0	2.18	0	39.28	329.2	127.4
23.1	55.65	23.75	0.67	15.66	1.37	0	2.53	0	36.47	338.71	126.46
24.66	61.92	26.06	0.66	15.72	1.32	0	1.77	0	38.33	344.75	125.74
23.45	64.84	27.82	0.94	22.33	1.15	0	2.31	0	38.76	360.97	128.58
25.36	96.72	35.21	6.75	15.15	1.31	0	2.24	0	45.95	337.66	167.64
26.05	118.97	37.15	14.86	22.01	1.3	0	3.01	0	48.53	329.67	178.54
26.85	127.8	39.44	20.74	32.2	1.59	0	2.93	0	48.83	313.58	179.77
28.77	115.08	43.23	14.23	15.76	1.3	0	3.43	0	50.51	306.55	193.54
28.16	138.79	43.35	22.28	26.19	0.82	0	2.24	0.02	49.83	227.27	228.53
28.05	152.2	45.86	18.68	24.72	1.17	0	1.99	0	51.84	242.1	234.68
27.59	155.13	49.32	13.79	20.89	0.98	0	1.59	0	59.16	275.81	232.7
26.75	158.58	60.02	22.86	25.41	1.06	0	2.21	0.3	66.81	253.58	233.13
27.12	154.83	57.8	22.66	35.7	0.9	0	2.11	0.48	66.03	233.72	261.39
24.96	152.51	56.79	21.45	33.82	0.9	0	1.69	0	65.71	235.33	290.71
24.17	120.56	29.56	16.3	25.62	0.81	0	1.47	0	76.49	243.85	296.15
24.01	147.22	30.11	22.42	32.13	0.9	0	1.71	0	78.79	258.57	291.66
23.9	131.31	30.45	16.43	26.29	0.92	0	1.58	0	60.06	254.47	305.49
24.21	115.15	33.83	11.21	30.91	0.66	0	1.82	0	59.29	219.87	279.04
21.74	124.34	31.43	10.58	40.22	0.2	0	1.48	0	56.53	161.87	329.51
21.3	74.47	34.8	11.45	33.82	0.73	0	0.9	0	57.23	200.25	304.93
20.88	101.03	39.22	16.37	29.21	0.63	0	1.43	0	56.38	193.1	308.03
19.59	74.72	31.37	15.13	23.42	0.66	0	1.45	0	56.24	173.99	338.38
18.54	68.01	30.59	11.85	22.24	1.02	0	1.43	0	55.14	167.16	344.14
18.04	73.91	28.49	13.48	34	1.01	0	0.92	0	63.24	156.91	349.1
18.48	78.84	29.66	13.44	28.7	0.73	0	1.01	0	65.71	152.63	357.11
19.14	91.58	28.96	15.31	23.52	0.61	0	1.12	0	65.52	162.68	347.21
18.97	85.52	30.12	15.71	32.49	0.67	0	1.53	4.56	63.35	135.84	353.24
19.67	93.16	28.97	19.85	35.36	0.69	0	2.25	5.32	64.79	132.86	329.22
20.27	89.81	28	21.38	32.55	0.5	0	1.37	4.38	65.85	138.23	323.71
20.59	88.83	27.44	24.15	37.62	0.72	0	2.12	11.13	66.77	125.38	313.34
21.12	108.19	27.35	29.97	37.14	0.71	0	2.85	8.45	70.33	132.84	300.1
20.89	102.78	24.63	28.14	44.02	0.87	0	2.13	0.4	69.52	129.31	292.07
20.8	104.68	26.68	29.25	44.87	1.46	0	2	3.34	70	134.89	283.85
20.7	102.16	26.7	25.52	35.26	1.47	0	1.76	1.98	73.07	138.62	287.66
22.34	110.61	28.64	29.04	35.52	2.15	0	2	0.19	74.26	148.53	292.64
23.81	103.01	30.4	26.32	37.65	1.8	0	1.68	0.01	73.62	143.92	292.56
24.86	122.38	32.68	30.69	41.3	2.27	0	2.16	0.47	74.72	145.17	303.68
26.78	89.96	33.59	29.92	38.81	1.08	0	1.4	0.68	78.58	145.56	310.56
28.34	101.06	29.53	27.24	40.85	1.65	0	1.52	0	81.43	123.65	324
29.73	121.29	32.31	30.51	49.42	2.79	0	2.05	1.17	79.77	148.42	299.06
31.69	120.92	30.11	29.38	47.56	2.58	0	1.66	0.09	77.93	131.76	302.04
31.15068	43.0411	25.83562	29.91781	71.15068	1.479452	0	1.561644	0.027397	89.86301	115.0411	304.6849



30.16438	36.57534	21.20548	24.41096	80.54795	1.315068	0	1.068493	0	77.72603	92.32877	327.589
27.86301	32.79452	18.79452	24.54795	62.49315	0.821918	0	1.09589	0	69.39726	79.91781	317.863
27.50685	31.36986	17.86301	23.36986	62.41096	0.575342	0	0.739726	0	83.64384	80.35616	315.4795
88.71	336.4	186.1	9.52	3.19	0.16	0	4.99	0	54.42	161.9	556.93
86.67	332.94	180.76	9.23	2.98	0.11	0	6.22	0	52.06	170.17	574.82
80.73	316.91	184.36	9.31	3.3	0.18	0	6.23	0	57.47	203.07	577.23
86.27	322.17	178.49	10.22	4.17	0.12	0	6.29	0	62.53	203.97	588.66
98.27	320.93	177.12	11.2	5.65	0.17	0	5.92	0	74.74	183.74	571.92
90.23	340.53	182.34	12.57	3.7	0.41	0	5.94	0	77.04	206.06	587.7
104.26	354.03	187.16	13.25	4.96	0.32	0	5.73	0	78.02	214.27	587.61
111.28	353.8	185.02	14.84	4.65	0.21	0	4.23	0	76.66	212.15	576.21
100.91	355.99	179.9	16.75	5.83	0.2	0	6.79	0	79.48	220.14	568.9
108.42	351.97	176.96	19.78	6.02	0.18	0	6.69	0	84.33	242.32	551.21
117.74	344.67	185.3	20.5	6.55	0.37	0	6.35	0	85.7	240.86	546.19
107.19	377.75	168.01	19.86	6.62	0.23	0	5.26	0	86.97	243.4	552.92
112.45	399.08	187.78	22.73	4.25	0.37	0	8.62	0	87.97	282.03	536.02
131.11	399.25	189.09	24.39	6.27	0.3	0	5.48	0	98.42	263.91	557.88
136.42	420.7	176.72	24.55	5.78	0.23	0	5.43	0	98.7	262.33	543.71
137.08	461.86	183.05	26.74	4.11	0.27	0	5.84	0	100.23	289.16	549.9
144.69	456.3	183.35	29.55	6.75	0.43	0	4.04	0	99.76	318.14	536.81
154.94	464.07	168.3	32.48	4.25	0.14	0	3.68	0	98.21	252.67	536.94
155.05	478.84	162.72	33.67	3.86	0.24	0	4.58	0	94.42	286.02	533.86
149.91	490.11	166.78	33.67	5.28	0.24	0	5.19	0	107.14	298.1	539.68
153.31	468.03	162.27	34.29	4.95	0.3	0	5.25	0	106.49	304.19	535.91
151.26	478.55	167	31.06	4.66	0.28	0	6.6	0	104.9	281.47	522.51
152.97	482.63	167.1	30.28	5.27	0.23	0	6.29	0	101.97	252.8	540.61
164.27	452.66	153.12	33.41	3.45	0.16	0	5.02	0	98.53	273.32	528.98
156.01	471.39	142.24	31.6	3.69	0.3	0	4.31	0	109	244.68	527.4
154.68	465.23	154.29	37.35	5.18	0.35	0	4.99	0	110.11	262.23	517.37
158.74	460.56	134.16	38.94	4.64	0.18	0	4.86	0	109.59	240.5	516.82
162.29	463.18	122.59	37.51	3.86	0.26	0	4	0	108.51	224.82	510.1
160	463.85	128.45	32.56	3.48	0.23	0	6.39	0	120.42	240.42	507.35
172.56	495.73	126.16	34.3	3.52	0.32	0	6.52	0	119.8	220.05	521.05
141.52	474.83	144.03	27.36	3.45	0.18	0	5.7	0	97.23	227.02	527.62
43.44	37.62	3.56	3.44	1.73	0	0	0.21	0	17.36	115.75	20.35
41.95	36.53	4.15	3.42	0.84	0	0	0.27	0	16.72	115.4	15.41
40.61	34.04	3.48	3.48	1.63	0	0	0.17	0	16.84	114.34	19.29
38.55	36.35	3.85	3.85	1.18	0	0	0.1	0	17.2	114.08	17
39.71	38.64	2.97	4.13	1.68	0.01	0	0.27	0	17.84	117.01	23.36
42.37	42.24	3.65	5.07	2.39	0.12	0	0.35	0	19.43	116.68	33.51
41.58	48.66	4.04	5.39	2.61	0.11	0	0.28	0	26.97	115.43	31.85
44.84	47.29	4.18	5.1	2.59	0.11	0	0.34	0	32.56	113.41	37.02
43.41	49.85	4.13	6.29	3.15	0.1	0	0.34	0	34.47	112.94	39.86
41.15	59.05	3.76	6.5	3.27	0.1	0	0.35	0	38.6	109.96	63.34
40.8	61.36	2.62	5.51	4.64	0.13	0	0.42	0	43.16	110.2	58.08
44.24	47.28	1.91	8.26	3.69	0.12	0	0.36	0	41.72	109.25	59.34
38.36	44.17	1.54	7.68	1.82	0.1	0	2.06	0.07	43.73	103.2	53.82
35.21	66.79	1.81	9.22	1.98	0.16	0	2.66	0.19	40.12	99.62	55.94
33.7	61.97	1.87	11.48	2.79	0.08	0	2.13	0.34	44.31	102.49	61.39

32.11	62.84	2.15	13.13	4.89	0.13	0	2.51	0.46	41.92	104.21	63.56
31.86	50.82	2.42	11.93	5.07	0.04	0	1.12	0.77	39.82	98.67	56.67
31.32	46.65	1.92	11.1	4.9	0.04	0	0.63	1.3	36.75	98.85	54.01
30.28	36.44	1.91	10.79	4.2	0.06	0	0.57	1.26	43.07	96.46	60.18
29.9	36.79	1.93	11.24	2.78	0.05	0	3.95	0.75	50.65	93.14	67.45
30.91	34.73	1.82	8.53	1.79	0.06	0	0.65	0.56	50.74	92.1	57.76
31.97	40.02	1.9	8.23	4.3	0.06	0	3.27	1.24	51.6	91.68	56.63
29.01	28.91	1.78	7.23	6.27	0.09	0	2.35	0.91	48.95	90.63	47.33
27.17	25.11	1.78	5.77	6.79	0.09	0	2.52	1.11	48.28	90.66	57.36
28.33	28.5	2.01	6.41	4	0.13	0	2.2	1.02	47.35	90.65	39.94
28.17	27.31	2.04	6.22	4.9	0.16	0	1.29	0.89	43.17	95.21	35.56
28.2	26.45	2.17	6.12	3.42	0.24	0	0.29	0.53	48.43	94.07	29.14
28	26.32	2.27	6.47	2.14	0.26	0	0.58	0.74	46.01	92.76	22.49
28.63	25.26	2.36	6.52	2.57	0.29	0	0.5	0.74	46.02	92.38	24.01
36.65	27.52	2.66	6.61	3.64	0.37	0	0.44	0.6	46.53	91.37	22.54
36.86	27.7	1.12	7.09	3.38	0.39	0	0.5	0.7	45.69	88.59	28.56
35.01	29.46	2.23	7.62	3.62	0.51	0	0.33	0.23	45.12	77.23	29.15
33.64	29.17	2.61	8.19	3.48	0.56	0	0.35	0.26	44.5	86.7	29.04
32.58	34.64	3.29	7.74	3.05	0.48	0	0.33	0.46	40.57	83.85	34.71
29.49	25.61	2.68	7.74	3.4	0.73	0	0.26	0.53	41.04	83	31.83
28.48	23.72	3.29	8.31	6.49	0.46	0	0.33	0.14	35.07	81.32	31.44
30.92	25.48	2.58	8.81	4.06	0.69	0	0.5	0.27	40.4	75.03	41.31
31.47	18.18	3.17	9.24	2.86	0.28	0	0.14	0.25	31.39	69.77	34.52
32.43	19.74	3.22	9.33	4.49	1.07	0	0.43	0.17	31.02	70.75	33.15
30.38	22.67	2.82	9.49	4.07	1	0	3.98	0.36	44.24	71.09	34.01
30.73	22.31	4.08	9.67	5.41	0.45	0	0.94	0.23	31.17	69.37	39.53
31.26	22.1	4.63	9.79	6.37	0.51	0	0.48	0.2	34.83	65.3	33.88
31.22	21.33	4.15	9.8	8.87	0.76	0	0.46	0.84	32.81	71.19	41.46
29.43	21.62	2.96	9.44	8.01	0.95	0	0.67	0.18	31.88	69.3	39.91
30.77	21	5.87	9.35	6.52	0.84	0	0.35	12.08	29.98	67.16	36.68
28.87	20.45	5	8.49	7.98	0.94	0	1.91	0.94	31.21	79.15	39.06
29.53	21.65	3.67	8.26	4.13	1.1	0	0.44	1.66	27.03	79.39	37.04
29.24	21.53	2.86	8.47	6.58	0.97	0	0.99	10.42	26.39	77.76	34.32
31.33	20.66	4.99	8.55	7.53	0.91	0	3.5	9.59	28.47	68.13	33.54
32.82	23.26	5.25	8.93	8.9	0.88	0	3.03	14.31	28.01	73.05	22.01
31.05	22.77	5.54	8.85	7.31	0.77	0	3.31	14.55	28.44	77.79	30.14
30.74	25.13	6.56	8.92	8.39	0.78	0	2.58	17.57	30.06	77.39	34.09
29.57	26.66	6.64	9.02	8.35	0.57	0	0.55	19.99	28.13	72.53	33.16
32.73973	37.20548	5.753425	8.684932	12.43836	0.821918	0	1.424658	17.23288	56.08219	69.39726	25.89041
32.08219	34.52055	6.136986	8.90411	7.232877	0.821918	0	1.452055	17.20548	37.36986	70.68493	33.34247
31.83562	33.06849	5.123288	9.342466	5.424658	0.986301	0	1.424658	17.26027	39.15068	70.41096	31.64384
32.49315	34.52055	5.506849	9.369863	5.780822	0.794521	0	1.452055	17.31507	30.52055	69.0411	31.86301
47.58	163.14	11.36	2.48	1.13	0.14	0	0.14	0.29	27.56	80.95	57.45
45.87	159.41	11.8	2.48	1.34	0.14	0	0.32	0.36	32.65	80.84	40.42
45.8	155.47	12.45	2.48	3.25	0.13	0	0.51	0.03	35.3	74.44	51.73
37.15	153.32	11.2	2.42	3.1	0.13	0	0.57	0.03	33.94	73.32	45.93
33.81	145.8	10.33	2.47	3.19	0.12	0	0.38	0.04	40.39	71.19	47.39
37.09	138.99	7.13	2.52	2.97	0.12	0	0.3	0.04	42.32	91.36	55.91
28.96	134.77	10.49	2.51	3.07	0.12	0	0.53	0.03	47.32	92.42	58.09

31.63	139.93	9.76	2.49	3.15	0.11	0	0.41	0.01	45.69	94.94	58.03
33.36	144.59	10.47	2.48	3.49	0.11	0	0.45	0.01	46.86	83.21	49.77
38.11	135.03	10.11	2.46	3.62	0.11	0	0.31	1.38	47.58	93.97	55.35
44.13	156.54	10.2	2.43	2.95	0.1	0	0.23	0.95	50.44	92.94	62.47
54.61	159.07	10.27	2.41	2.52	0.1	0	0.23	1.29	45.31	91.41	65.21
59.21	163.65	10.37	2.66	2.15	0.12	0	0.13	0.67	52.86	67.5	60.17
40.69	155.71	10.18	2.78	2.06	0.11	0	0.71	1.04	53.05	104.66	64.79
37.04	159.59	7.22	2.71	2.08	0.11	0	2.1	1.45	56.73	87.48	66.46
39.7	163.77	8.13	2.79	1.17	0.11	0	4.91	0.87	56.8	89.77	60.48
39.83	166.22	7.48	2.78	3.2	0.12	0	4.2	1.43	50.67	63.27	63.23
38.11	154.06	7.14	2.97	1.18	0.12	0	4.94	1.84	43.24	67.72	68.24
32.72	152.76	6.81	2.89	1.5	0.27	0	1.48	2.32	48.55	58.87	63.44
37.06	148.4	6.59	2.84	2.33	0.27	0	1.16	1.9	48.22	65.43	65.83
37.32	142.37	6.25	2.87	1.8	0.32	0	0.71	2.16	55.29	73.57	62.78
39.49	139.48	7.14	3.11	0.84	0.3	0	1.34	1.82	63.55	56.27	59.44
35.29	133.12	6.82	3.21	6.51	0.32	0	1.09	1.27	65.11	52.39	63.83
31.92	124.42	7.21	2.91	4.97	0.33	0	1.79	1.4	62.53	53.44	58.71
30.97	118.38	7.28	2.86	1.84	0.37	0	3.68	0.99	62.54	53	65.18
33.9	111.46	7.24	2.82	1.75	0.35	0	2.88	0.89	62.93	54.92	63.24
31.83	111.19	7.07	3.37	4.59	0.38	0	3.92	1	60.24	53.92	75.35
31.02	102.39	7.14	3.81	1.73	0.42	0	11.52	1.36	60.54	52.7	76.7
31.87	103.33	7.08	4.22	4.08	0.4	0	10.79	1.3	59.76	53.96	76.63
34.1	98.7	6.93	4.39	3.12	0.44	0	11.02	1.25	57.46	54.25	73.05
33.5	80.75	8.79	4.41	2.19	0.44	0	11.56	1.51	55.86	47.02	71.68
32.45	92.26	4.8	4.19	3.36	0.37	0	4.89	1.46	57.04	43.09	71.45
23.83	73.44	6.26	4.13	2.67	0.39	0	6.01	1.48	56.43	45.46	70.13
24.4	64.66	6.03	3.89	6.01	0.29	0	5.12	1.3	56.64	44.38	71.3
25.65	53.26	5.84	4.26	6.68	0.28	0	4.62	1.07	61.65	40.31	67.69
26.15	68.2	5.97	4.77	3.86	0.31	0	4.5	1.34	64.7	48.74	65.9
27.39	77.95	5.95	4.97	5.91	0.34	0	3.59	1.56	73.46	43.39	62.96
27.17	104.13	5.64	5.08	6.58	0.39	0	3.56	2.04	73.56	46.15	57.48
31.69	81.61	6.03	4.98	4.59	0.35	0	2.71	1.89	74.61	40.93	51.63
35.11	84.28	6.16	5.34	3.1	0.35	0	1.33	2.36	76.52	41.18	48.38
42.66	96.45	6.41	8.28	3.53	0.37	0	1.41	2.46	81.49	44.94	49
38.76	78.66	5.21	7.06	3.02	0.18	0	1.31	1.94	83.42	43.23	48.2
39.87	84.12	6.46	8.74	2.6	0.42	0	1.08	1.85	75.04	45.43	49.77
42.3	81.12	8.44	9.94	4.64	0.24	0	0.97	1.81	72.37	54.78	53.58
42.53	77.62	7.47	11.08	5.19	0.42	0	0.88	1.79	67.54	55.61	56.64
43.04	77.96	6.93	11.58	5.32	0.54	0	0.8	1.89	73.09	65.53	70.79
43.46	77.23	9.18	12.31	9.13	0.76	0	1.03	2.01	64.85	61.28	78.28
43.22	73.85	9.83	13.23	7.78	0.57	0	0.6	1.75	61.08	51.93	79.53
44.35	82.69	10.7	16.57	9.04	0.62	0	0.82	1.6	61.07	60.2	87.41
42.72	88.36	12.83	16.65	17.36	0.71	0	1.14	1.55	65.84	65.58	79.61
42.92	94.51	10.89	18.32	23.55	0.56	0	1.1	1.64	68.87	64.82	80.94
41.82	86.68	10.39	18.41	27.62	0.51	0	1.07	1.57	79.05	58.68	86.37
40.59	88.08	10.63	13.61	27.64	0.47	0	0.93	1.48	80.59	57.15	85.78
40.27397	84.35616	10.79452	12.30137	7.863014	0.465753	0	1.150685	1.178082	97.12329	60.16438	85.23288
39.42466	75.64384	11.23288	12.79452	8.630137	0.438356	0	0.849315	1.178082	101.726	55.75342	81.94521
40.05479	77.91781	11.34247	12.87671	9.315068	0.438356	0	0.849315	1.671233	91.69863	56.60274	82.21918

39.42466 82.65753 11.64384 12.82192 11.50685 0.465753

0 1.424658 1.69863 86.08219 56.68493 80.46575

energy	BRi	BRd	GDP	population	pct65	smoking	education	act	BMI
2948	NA	NA	59.87815	9166764	2.807545	NA	0.242091	NA	NA
2874	NA	NA	58.49287	9345868	2.802715	NA	0.255581	NA	NA
2652	NA	NA	78.78276	9533954	2.783861	NA	0.269681	NA	NA
2900	NA	NA	82.20844	9731361	2.750838	NA	0.284406	NA	NA
2902	NA	NA	101.2905	9938414	2.704164	NA	0.299766	NA	NA
2680	NA	NA	137.8994	10152331	2.713121	NA	0.315774	NA	NA
2911	NA	NA	161.322	10372630	2.709968	NA	0.332442	NA	NA
2857	NA	NA	129.5067	10604346	2.693829	NA	0.349779	NA	NA
2888	NA	NA	129.7985	10854428	2.664203	NA	0.367797	NA	NA
2469	NA	NA	157.1874	11126123	2.62129	NA	0.386506	NA	NA
2456	NA	NA	160.3728	11417825	2.624256	NA	0.405915	NA	NA
2609	NA	NA	136.117	11721940	2.615582	NA	0.426035	NA	NA
2672	NA	NA	144.1103	12027822	2.596547	NA	0.446875	NA	NA
2663	NA	NA	174.942	12321541	2.568981	NA	0.468447	NA	NA
2704	NA	NA	187.9756	12590286	2.534843	NA	0.490761	NA	NA
2771	NA	NA	199.0262	12840299	2.541226	NA	0.513829	NA	NA
2430	NA	NA	226.0053	13067538	2.53151	NA	0.537663	NA	NA
2560	NA	NA	249.2874	13237734	2.506094	NA	0.562277	NA	NA
2555	NA	NA	277.9007	13306695	2.466458	NA	0.587687	NA	NA
2410	NA	NA	274.8809	13248370	2.414561	0.093616	0.61391	3270.987	24.64752
2426	NA	NA	266.493	13053954	2.432313	0.093621	0.640964	3272.927	24.63474
2409	NA	NA	NA	12749645	2.425856	0.093487	0.668871	3274.625	24.62137
2440	NA	NA	NA	12389269	2.391255	0.09334	0.697654	3276.134	24.60368
2371	NA	NA	NA	12047115	2.322548	0.093153	0.727342	3277.493	24.5857
2335	NA	NA	NA	11783050	2.211482	0.092935	0.757964	3278.727	24.56378
2327	NA	NA	NA	11601041	2.244859	0.092746	0.789555	3280.666	24.55196
2654	NA	NA	NA	11502761	2.268907	0.092593	0.822155	3282.605	24.5253
2447	NA	NA	NA	11540888	2.27732	0.092944	0.855807	3284.565	24.48967
2412	NA	NA	NA	11777609	2.261104	0.093744	0.890562	3286.566	24.44973
2282	22.11592	15.90382	NA	12249114	2.211833	0.094693	0.926475	3288.626	24.39292
2011	22.06095	15.89331	NA	12993657	2.22554	0.095783	0.963609	3289.981	24.33854
1854	22.0207	15.90379	NA	13981231	2.242936	0.096806	1.002033	3290.504	24.26653
1878	21.84111	16.05221	NA	15095099	2.263907	0.097757	1.041825	3290.118	24.18137
1794	22.02262	16.26946	NA	16172719	2.291192	0.098544	1.083071	3288.74	24.08667
1816	22.11077	16.35802	NA	17099541	2.329484	0.099332	1.125865	3286.276	23.99925
1817	22.11973	16.39214	NA	17822884	2.325561	0.100374	1.170311	3284.087	23.92047
1848	22.19482	16.45024	NA	18381605	2.312132	0.100972	1.216522	3283.045	23.84946
1873	22.26973	16.4921	NA	18863999	2.293559	0.101542	1.26462	3283.327	23.791
1820	22.56485	16.67115	NA	19403676	2.27225	0.101885	1.314736	3285.137	23.71155
1760	23.22766	16.95377	NA	20093756	2.2484	0.102323	1.36701	3288.705	23.6673
1711	23.72005	17.25953	NA	20966463	2.227796	0.10297	1.421591	3296.431	23.63449
1793	24.07773	17.33095	184.4947	21979923	2.211768	0.103402	1.478633	3307.2	23.64038
1852	24.04768	17.36389	195.7766	23064851	2.200084	0.103775	1.538299	3321.186	23.67558
1913	24.42895	17.45947	216.7081	24118979	2.192473	0.103943	1.600754	3338.559	23.73402
1884	24.59829	17.47655	247.6641	25070798	2.189611	0.104177	1.666166	3359.489	23.80801
1897	24.97508	17.60515	269.2297	25893450	2.21422	0.104235	1.734706	3381.136	23.89548
1974	25.48131	17.68717	366.2304	26616792	2.234101	0.104246	1.80654	3401.045	23.99239
1959	25.81467	17.75573	370.3823	27294031	2.252808	0.104279	1.881833	3418.781	24.08808



2306	NA	NA	NA	NA	NA	NA	NA	NA	
2320	NA	NA	NA	NA	NA	NA	NA	NA	
2328	NA	NA	NA	NA	NA	NA	NA	NA	
2343	NA	NA	NA	NA	NA	NA	NA	NA	
2379	NA	NA	NA	NA	NA	NA	NA	NA	
2399	NA	NA	NA	NA	NA	NA	NA	NA	
2406	NA	NA	NA	NA	NA	NA	NA	NA	
2420	NA	NA	NA	NA	NA	NA	NA	NA	
2427	NA	NA	NA	NA	NA	NA	NA	NA	
2440	NA	NA	NA	NA	NA	NA	NA	NA	
2462	NA	NA	NA	NA	NA	NA	NA	NA	
2463	NA	NA	NA	NA	NA	NA	NA	NA	
2464	NA	NA	NA	NA	NA	NA	NA	NA	
2467	NA	NA	NA	NA	NA	NA	NA	NA	
2457	NA	NA	NA	NA	NA	NA	NA	NA	
2463	NA	NA	NA	NA	NA	NA	NA	NA	
2448	NA	NA	NA	NA	NA	NA	NA	NA	
2116	NA	NA	1659800	5.390593	NA	5.602363	NA	NA	
2130	NA	NA	1711319	5.405192	NA	5.682647	NA	NA	
2035	NA	NA	1762621	5.434915	NA	5.764562	NA	NA	
2142	NA	NA	1814135	5.456085	NA	5.848087	NA	NA	
2123	NA	NA	1864791	5.457763	NA	5.933192	NA	NA	
2120	NA	NA	1914573	5.403676	NA	6.019835	NA	NA	
2130	NA	NA	1965598	5.337138	NA	6.107964	NA	NA	
2205	NA	NA	2022272	5.270817	NA	6.197512	NA	NA	
2262	NA	NA	2081695	5.220101	NA	6.288406	NA	NA	
2272	NA	NA	2135479	5.193207	NA	6.380556	NA	NA	
2215	NA	NA	2187853	5.181525	NA	6.473866	NA	NA	
2235	NA	NA	2243126	5.17822	NA	6.568227	NA	NA	
2282	NA	NA	2296752	5.18165	NA	6.663521	NA	NA	
2336	NA	NA	2350124	5.188379	NA	6.759622	NA	NA	
2334	NA	NA	2404831	5.196852	NA	6.856394	NA	NA	
2522	NA	NA	2458526	5.217998	NA	6.953697	NA	NA	
2631	NA	NA	2513546	5.239822	NA	7.051383	NA	NA	
2534	NA	NA	2566266	5.261465	NA	7.149302	NA	NA	
2444	NA	NA	2617832	5.282022	NA	7.247301	NA	NA	
2431	NA	NA	2671997	5.301243	0.128905	7.345224	7778.189	23.96201	
2514	NA	NA	2726056	5.329962	0.132958	7.442917	7778.629	23.99337	
2503	NA	NA	2784278	5.354777	0.138507	7.540228	7779.014	24.02383	
2640	NA	NA	2843960	5.375737	0.145867	7.637006	7779.356	24.05713	
2561	NA	639.4847	2904429	5.390937	0.155058	7.733107	7779.665	24.0882	
2404	NA	639.8659	2964762	5.399862	0.16526	7.828393	7779.945	24.11587	
2519	NA	693.8735	3022635	5.413536	0.174583	7.922733	7780.385	24.14522	
2325	NA	674.7934	3083605	5.417392	0.180729	8.016005	7780.824	24.17697	
2426	NA	652.7743	3142336	5.42344	0.182663	8.108097	7781.269	24.20767	
2398	NA	697.9956	3227943	5.448271	0.181735	8.198908	7781.723	24.2456	
2391	17.22834	7.735589	617.2304	3286542	5.502622	0.180289	8.288351	7782.19	24.27584
2392	17.99993	7.975958	336.587	3266790	5.657271	0.178012	8.376348	7782.071	24.31783
2515	18.242	7.960885	200.8522	3247039	5.83706	0.175218	8.462839	7781.297	24.34974

2634	18.41065	7.871974	367.2792	3227287	6.036463	0.172195	8.547774	7779.81	24.3881
2696	18.60067	7.766141	586.4163	3207536	6.24232	0.169371	8.631119	7777.543	24.42871
2523	19.76973	8.031486	750.6044	3187784	6.445318	0.167055	8.712855	7774.425	24.48342
2660	20.94572	8.39811	1009.977	3168033	6.577426	0.167312	8.792974	7767.81	24.54712
2515	22.13325	8.787001	717.38	3148281	6.696969	0.168137	8.871485	7758.037	24.60381
2538	23.21006	9.107344	813.7894	3128530	6.812513	0.169146	8.948407	7744.877	24.66658
2611	25.1041	9.651989	1033.243	3108778	6.936631	0.16952	9.023774	7728.088	24.73824
2552	25.7996	9.79923	1126.683	3089027	7.074572	0.169307	9.09763	7707.412	24.81534
2618	26.39488	9.852633	1281.66	3060173	7.331905	0.167722	9.170029	7687.451	24.89082
2680	27.4981	10.03653	1425.124	3051010	7.610477	0.165564	9.241035	7671.157	24.95943
2589	29.18032	10.38996	1846.12	3039616	7.90632	0.161039	9.310719	7659.149	25.04054
2605	30.63247	10.70145	2373.581	3026939	8.211323	0.158535	9.37916	7652.126	25.12082
2687	32.22831	11.0061	2673.787	3011487	8.521785	0.158262	9.446442	7650.872	25.19824
2663	33.51183	11.24521	2972.743	2992547	8.927716	0.160606	9.512653	7655.449	25.27267
2667	34.19291	11.30118	3595.038	2970017	9.345029	0.16422	9.577882	7661.446	25.34364
2757	35.80015	11.569	4370.54	2947314	9.775305	0.168469	9.642223	7668.656	25.42192
2803	35.72855	11.28893	4114.135	2927519	10.21823	0.170537	9.705767	7676.802	25.49985
2912	35.92631	11.15623	4094.36	2913021	10.67258	0.172107	9.768607	7685.513	25.57499
2958	35.98393	11.03746	4437.178	2905195	11.05383	0.172611	9.830833	7694.319	25.63608
3011	36.01262	10.89672	4247.614	2900401	11.41861	0.172342	9.892532	7703.508	25.69242
3015	36.10164	10.78068	4413.083	2895092	11.77179	0.171521	9.953789	7708.127	25.74806
3081	36.36496	10.73349	4578.668	2889104	12.13698	0.170553	10.01469	7712.332	25.79982
3067	36.60032	10.68758	3952.831	2880703	12.5367	0.169507	10.0753	7715.799	25.84267
3166	36.78331	10.63371	4131.872	2876101	12.83391	0.168657	10.13571	7718.026	25.88422
3196	36.71683	10.53639	4537.579	2873457	13.18752	0.168657	10.19597	7718.17	25.88422
1454	NA	NA	213.4859	11404859	3.306538	NA	1.219909	NA	NA
1398	NA	NA	171.2098	11690153	3.403189	NA	1.293601	NA	NA
1360	NA	NA	225.5306	11985136	3.493661	NA	1.370904	NA	NA
1371	NA	NA	236.6102	12295970	3.558337	NA	1.451873	NA	NA
1435	NA	NA	248.3781	12626952	3.589251	NA	1.536553	NA	NA
1410	NA	NA	234.1889	12980267	3.598339	NA	1.624977	NA	NA
1475	NA	NA	252.4183	13354197	3.581638	NA	1.717161	NA	NA
1532	NA	NA	280.2683	13744387	3.553254	NA	1.813108	NA	NA
1545	NA	NA	300.9818	14144438	3.528744	NA	1.912808	NA	NA
1531	NA	NA	334.2595	14550034	3.515545	NA	2.016233	NA	NA
1546	NA	NA	339.384	14960109	3.543657	NA	2.123341	NA	NA
1687	NA	NA	439.7311	15377093	3.574089	NA	2.234076	NA	NA
1690	NA	NA	551.4344	15804428	3.598447	NA	2.348366	NA	NA
1817	NA	NA	813.0499	16247113	3.606801	NA	2.466125	NA	NA
1845	NA	NA	931.1055	16709099	3.595975	NA	2.587253	NA	NA
1822	NA	NA	1031.303	17190239	3.581777	NA	2.711638	NA	NA
1966	NA	NA	1185.511	17690184	3.551682	NA	2.839154	NA	NA
2101	NA	NA	1447.618	18212326	3.513258	NA	2.969664	NA	NA
2161	NA	NA	1771.966	18760761	3.475595	NA	3.103022	NA	NA
2282	NA	NA	2189.777	19337715	3.443478	0.146254	3.239071	3296.313	23.23782
2318	NA	NA	2223.697	19943664	3.435161	0.147018	3.377645	3292.393	23.31956
2314	NA	NA	2197.111	20575701	3.431548	0.147281	3.51857	3288.962	23.40441
2274	NA	NA	2298.884	21228289	3.426687	0.147251	3.661668	3285.913	23.4903
2221	NA	NA	2452.665	21893853	3.413278	0.146943	3.806753	3283.168	23.57928





2385	NA	NA	NA	NA	NA	NA	NA	NA
2400	NA	NA	NA	NA	NA	NA	NA	NA
2445	NA	NA	NA	NA	NA	NA	NA	NA
2468	NA	NA	NA	NA	NA	NA	NA	NA
2502	NA	NA	NA	NA	NA	NA	NA	NA
2499	NA	NA	NA	NA	NA	NA	NA	NA
2508	NA	NA	NA	NA	NA	NA	NA	NA
2514	NA	NA	NA	NA	NA	NA	NA	NA
2584	NA	NA	NA	NA	NA	NA	NA	NA
2564	NA	NA	NA	NA	NA	NA	NA	NA
2596	NA	NA	NA	NA	NA	NA	NA	NA
2604	NA	NA	NA	NA	NA	NA	NA	NA
2583	NA	NA	NA	NA	NA	NA	NA	NA
2585	NA	NA	NA	NA	NA	NA	NA	NA
2619	NA	NA	NA	NA	NA	NA	NA	NA
2631	NA	NA	NA	NA	NA	NA	NA	NA
2651	NA	NA	NA	NA	NA	NA	NA	NA
2690	NA	NA	NA	NA	NA	NA	NA	NA
2648	NA	NA	NA	NA	NA	NA	NA	NA
2669	NA	NA	NA	NA	NA	NA	NA	NA
2690	NA	NA	NA	NA	NA	NA	NA	NA
2704	NA	NA	NA	NA	NA	NA	NA	NA
2736	NA	NA	NA	NA	NA	NA	NA	NA
2789	NA	NA	NA	NA	NA	NA	NA	NA
2790	NA	NA	NA	NA	NA	NA	NA	NA
2800	NA	NA	NA	NA	NA	NA	NA	NA
2823	NA	NA	NA	NA	NA	NA	NA	NA
2836	NA	NA	NA	NA	NA	NA	NA	NA
2842	NA	NA	NA	NA	NA	NA	NA	NA
2843	NA	NA	NA	NA	NA	NA	NA	NA
2857	NA	NA	NA	NA	NA	NA	NA	NA
2858	NA	NA	NA	NA	NA	NA	NA	NA
2830	NA	NA	NA	NA	NA	NA	NA	NA
2862	NA	NA	NA	NA	NA	NA	NA	NA
2871	NA	NA	NA	NA	NA	NA	NA	NA
2884	NA	NA	NA	NA	NA	NA	NA	NA
2889	NA	NA	NA	NA	NA	NA	NA	NA
2931	NA	NA	NA	NA	NA	NA	NA	NA
2929	NA	NA	NA	NA	NA	NA	NA	NA
2943	NA	NA	NA	NA	NA	NA	NA	NA
2961	NA	NA	NA	NA	NA	NA	NA	NA
1743	NA	NA	5753024	2.574385	NA	0.553797	NA	NA
1743	NA	NA	5866061	2.585261	NA	0.581349	NA	NA
1766	NA	NA	5980417	2.579703	NA	0.610358	NA	NA
1791	NA	NA	6093321	2.565235	NA	0.640894	NA	NA
1804	NA	NA	6203299	2.54492	NA	0.673029	NA	NA
1822	NA	NA	6309770	2.564198	NA	0.706834	NA	NA
1845	NA	NA	6414995	2.577399	NA	0.742384	NA	NA
1758	NA	NA	6523791	2.583437	NA	0.779748	NA	NA

1866	NA	NA	NA	6642632	2.578948	NA	0.818999	NA	NA
1864	NA	NA	NA	6776381	2.562149	NA	0.860206	NA	NA
1889	NA	NA	NA	6927269	2.583471	NA	0.903437	NA	NA
1851	NA	NA	NA	7094834	2.595395	NA	0.948758	NA	NA
1810	NA	NA	NA	7277960	2.598613	NA	0.99623	NA	NA
1775	NA	NA	NA	7474338	2.594584	NA	1.045913	NA	NA
1773	NA	NA	NA	7682479	2.584374	NA	1.097862	NA	NA
1760	NA	NA	NA	7900997	2.59928	NA	1.152126	NA	NA
1819	NA	NA	NA	8130988	2.608428	NA	1.208753	NA	NA
1860	NA	NA	NA	8376147	2.612024	NA	1.267783	NA	NA
1837	NA	NA	NA	8641521	2.610027	NA	1.32925	NA	NA
1838	NA	NA	664.1176	8929900	2.602616	0.060183	1.393187	5158.033	22.82495
1786	NA	NA	600.4088	9244507	2.609128	0.060129	1.459617	5157.952	22.80434
1666	NA	NA	579.252	9582156	2.612251	0.060098	1.528559	5157.881	22.77849
1647	NA	NA	582.4201	9931562	2.611654	0.060079	1.600029	5157.818	22.74864
1592	NA	NA	596.6025	10277321	2.606983	0.060129	1.674035	5157.761	22.71893
1601	NA	NA	711.9927	10609042	2.599179	0.060254	1.750582	5157.709	22.69338
1556	NA	NA	647.5634	10921037	2.604505	0.060431	1.82967	5157.628	22.66611
1549	NA	NA	720.5989	11218268	2.600072	0.060708	1.911296	5157.547	22.63978
1527	NA	NA	761.6185	11513968	2.588343	0.061098	1.99545	5157.465	22.62237
1494	NA	NA	862.5091	11827237	2.571547	0.061617	2.082124	5157.382	22.61381
1546	18.02749	13.91131	922.5502	12171441	2.550142	0.06221	2.171302	5157.296	22.6111
1520	18.16265	13.97399	844.6911	12553446	2.544839	0.062854	2.26297	5156.093	22.61516
1544	18.3533	14.07724	640.6223	12968345	2.536631	0.063447	2.357109	5153.675	22.62693
1493	18.72986	14.32517	430.3816	13403734	2.524767	0.063962	2.4537	5149.931	22.64639
1587	19.06183	14.53108	320.6578	13841301	2.508586	0.064351	2.552722	5144.741	22.67442
1621	19.02133	14.47261	388.1668	14268994	2.488648	0.064526	2.654154	5137.974	22.71433
1657	18.42394	14.02014	512.621	14682284	2.488128	0.064297	2.757974	5129.055	22.76782
1645	18.38048	13.95808	506.885	15088981	2.481539	0.06396	2.864159	5119.004	22.82607
1673	19.71308	14.81789	419.6398	15504318	2.469596	0.06354	2.972688	5107.828	22.89805
1707	19.53163	14.66253	385.7689	15949766	2.452444	0.065285	3.083539	5095.546	22.97129
1713	19.65815	14.71156	555.2969	16440924	2.429699	0.066952	3.196692	5082.188	23.03847
1756	19.54695	14.56183	526.1687	16983266	2.428078	0.06834	3.312128	5071.785	23.11417
1821	19.95337	14.76966	869.8515	17572649	2.422185	0.069493	3.429829	5065.232	23.19459
1860	20.40996	15.02638	978.5389	18203369	2.412081	0.070348	3.54978	5062.983	23.27787
1917	20.75541	15.18651	1248.405	18865716	2.397863	0.073144	3.67197	5065.53	23.36389
1963	20.5983	15.00436	1890.85	19552542	2.38011	0.075749	3.796391	5073.41	23.45363
2001	20.55953	14.89984	2585.134	20262399	2.374151	0.07806	3.923038	5084.479	23.56087
2063	20.40265	14.70686	3108.269	20997687	2.367308	0.080169	4.051913	5094.774	23.66836
2117	20.76975	14.85908	4068.978	21759420	2.35788	0.081983	4.183023	5103.873	23.77881
2182	20.94735	14.88306	3117.897	22549547	2.343231	0.083698	4.31638	5111.278	23.89086
2220	21.22539	14.92845	3585.906	23369131	2.323458	0.085194	4.452005	5116.397	24.00504
2285	21.55439	14.97996	4615.867	24218565	2.310327	0.086492	4.589924	5118.54	24.13767
2251	21.86724	15.0262	5102.49	25096150	2.293196	0.087439	4.73017	5119.87	24.2757
2337	22.26711	15.13788	5258.407	25998340	2.280596	0.087662	4.872785	5120.662	24.40471
2145	22.28641	14.99804	5412.692	26920466	2.283382	0.087371	5.017814	5121.067	24.52894
2102	22.91202	15.22222	4170.73	27859305	2.306314	0.087055	5.165311	5121.103	24.64763
2105	23.53182	15.42039	3509.604	28813463	2.349443	0.086659	5.315333	5120.885	24.74872
2159	23.92704	15.48315	4100.29	29784193	2.404554	0.086659	5.467938	5120.741	24.74872

1655	NA	NA	NA	56144	4.068111	NA	5.163944	NA	NA
1725	NA	NA	NA	57144	4.035419	NA	5.255637	NA	NA
1667	NA	NA	NA	58294	4.000412	NA	5.347562	NA	NA
1741	NA	NA	NA	59524	3.971507	NA	5.439659	NA	NA
1777	NA	NA	NA	60781	3.942021	NA	5.53187	NA	NA
1705	NA	NA	NA	62059	3.960747	NA	5.624134	NA	NA
1484	NA	NA	NA	63360	3.983586	NA	5.716393	NA	NA
1526	NA	NA	NA	64655	3.995051	NA	5.808588	NA	NA
1575	NA	NA	NA	65910	4.003945	NA	5.900661	NA	NA
1757	NA	NA	NA	67098	4.0031	NA	5.992555	NA	NA
1732	NA	NA	NA	68188	4.074031	NA	6.084214	NA	NA
1631	NA	NA	NA	69176	4.135827	NA	6.175583	NA	NA
1547	NA	NA	NA	70066	4.193189	NA	6.266611	NA	NA
1488	NA	NA	NA	70878	4.269308	NA	6.357246	NA	NA
1565	NA	NA	NA	71609	4.375148	NA	6.44744	NA	NA
1473	NA	NA	NA	72285	4.541744	NA	6.537145	NA	NA
1398	NA	1063.42	72875	4.721784	NA	6.626319	NA	NA	NA
1360	NA	1198.507	73324	4.916535	NA	6.714921	NA	NA	NA
1445	NA	1483.516	73528	5.079698	NA	6.802914	NA	NA	NA
1637	NA	1789.589	73442	5.19866	0.02336	6.890263	3110.516	24.21716	
1681	NA	2023.4	73066	5.418389	0.023381	6.976939	3107.531	24.28126	
1654	NA	2268.79	72448	5.595738	0.023392	7.062916	3104.919	24.36015	
1755	NA	2542.527	71639	5.741286	0.023388	7.148175	3102.598	24.45099	
2003	NA	2946.24	70725	5.867798	0.023383	7.232699	3100.509	24.55229	
1926	NA	3452.522	69782	5.975753	0.02338	7.316479	3098.61	24.66997	
1942	NA	4220.962	68809	6.228836	0.023399	7.39951	3095.628	24.79742	
2032	NA	4969.782	67845	6.489793	0.023405	7.481795	3092.646	24.93074	
2074	NA	5944.671	67058	6.77175	0.023414	7.563342	3089.631	25.06948	
2198	NA	6585.84	66627	7.090219	0.02343	7.644168	3086.553	25.20561	
2172	44.13716	18.80044	6889.005	66696	7.468214	0.023438	7.724294	3083.385	25.33873
2229	45.02468	18.89088	7156.854	67307	7.550478	0.023432	7.803752	3079.997	25.47544
2246	46.19196	19.23631	7296.552	68427	7.66218	0.023427	7.882578	3076.466	25.59392
2100	47.15572	19.51188	7652.103	69938	7.75687	0.023419	7.960818	3072.781	25.69508
1967	48.87509	20.08551	8218.598	71719	7.806857	0.023354	8.038524	3068.929	25.77293
1897	49.53335	20.30161	7841.464	73619	7.791467	0.023265	8.115755	3064.903	25.81668
1897	50.09933	20.44668	8379.577	75628	7.595071	0.023132	8.192576	3061.161	25.83837
1875	50.04181	20.39377	8755.157	77739	7.34895	0.022872	8.269059	3057.853	25.85998
1858	50.34689	20.3619	9115.234	79851	7.080688	0.022629	8.345281	3055.034	25.88623
1866	50.84023	20.43828	9363.186	81831	6.820154	0.022251	8.421326	3052.761	25.91909
1862	51.94679	20.77102	9932.03	83584	6.57901	0.02197	8.49728	3051.098	25.94954
1795	52.17076	20.7309	9414.161	85057	6.521509	0.021697	8.573232	3052.176	25.95534
1780	52.81298	20.8913	9443.064	86266	6.496186	0.021485	8.649276	3055.75	25.96808
1792	52.86091	20.70678	9801.967	87293	6.524005	0.021339	8.725504	3062.008	25.99622
1798	52.99267	20.56817	10419.31	88257	6.600043	0.021219	8.802013	3071.15	26.0433
2062	53.15288	20.41344	11452.74	89253	6.723584	0.020902	8.878895	3083.387	26.11565
2051	53.9363	20.47378	12812.76	90301	6.729715	0.02111	8.956245	3096.685	26.22387
2137	55.13765	20.63762	14350.92	91381	6.743196	0.021356	9.034152	3108.831	26.35376
2101	56.18915	20.76261	14797.37	92478	6.744307	0.021681	9.112706	3119.496	26.49254
2041	57.2378	20.99845	13082.28	93581	6.722518	0.022112	9.191988	3128.299	26.61667

2045	58.68142	21.37462	12174.7	94661	6.666948	0.022118	9.272078	3134.81	26.72471
2117	60.22772	21.79908	11931.2	95719	6.639225	0.022142	9.353049	3138.539	26.8245
2022	62.22458	22.36842	12517.56	96777	6.586276	0.02211	9.434968	3141.397	26.91487
2135	63.03862	22.5204	12194.55	97824	6.532139	0.022077	9.517893	3142.937	26.99438
2170	64.76948	22.87	12900.9	98875	6.526422	0.022032	9.601878	3143.997	27.07281
2207	65.68065	22.95496	13602.42	99923	6.583069	0.021988	9.686964	3144.572	27.14574
2147	66.46392	22.97486	14506.6	100963	6.728207	0.021939	9.773188	3144.71	27.21412
2177	66.91822	22.91	14803.01	102012	6.932518	0.021939	9.860577	3144.585	27.21412
2742	NA	NA	NA	20953077	5.720902	NA	5.60672	NA	NA
2735	NA	NA	1148.58	21287682	5.858205	NA	5.68217	NA	NA
2777	NA	NA	845.0772	21621840	5.99362	NA	5.758161	NA	NA
2698	NA	NA	1166.317	21953929	6.130228	NA	5.834738	NA	NA
2833	NA	NA	1272.01	22283390	6.269948	NA	5.911947	NA	NA
2774	NA	NA	1266.345	22608748	6.427658	NA	5.989835	NA	NA
2841	NA	NA	1057.756	22932203	6.581941	NA	6.068445	NA	NA
2898	NA	NA	1136.518	23261278	6.732566	NA	6.147818	NA	NA
2938	NA	NA	1324.083	23605987	6.878602	NA	6.227992	NA	NA
2928	NA	NA	1317.488	23973058	7.019759	NA	6.309001	NA	NA
2773	NA	NA	1366.355	24366439	7.168795	NA	6.390874	NA	NA
2646	NA	NA	1401.488	24782949	7.306862	NA	6.473635	NA	NA
2673	NA	NA	2083.972	25213388	7.434312	NA	6.557303	NA	NA
2790	NA	NA	2824.651	25644506	7.550736	NA	6.641888	NA	NA
2872	NA	NA	2011.689	26066975	7.655986	NA	6.727395	NA	NA
2827	NA	NA	1932.591	26477152	7.793599	NA	6.813822	NA	NA
2833	NA	NA	2112.501	26878565	7.913845	NA	6.901159	NA	NA
2853	NA	NA	2129.314	27277741	8.020133	NA	6.989389	NA	NA
2839	NA	NA	2501.481	27684534	8.117742	NA	7.078488	NA	NA
2851	NA	NA	2738.285	28105888	8.211141	0.296196	7.168423	5865.778	25.4463
2863	NA	NA	2756.397	28543364	8.290242	0.28882	7.259155	5868.847	25.48194
2731	NA	NA	2907.758	28993987	8.373178	0.281644	7.350639	5871.532	25.48413
2658	NA	NA	3530.132	29454738	8.45738	0.274873	7.442822	5873.919	25.50866
2694	NA	NA	2643.369	29920904	8.537306	0.268654	7.535645	5876.067	25.53258
2768	NA	NA	2909.517	30388783	8.61147	0.262995	7.629044	5878.021	25.53016
2677	NA	NA	3595.086	30857244	8.725238	0.257933	7.722951	5881.086	25.55753
2780	NA	NA	3546.719	31326473	8.81511	0.2535	7.817292	5884.152	25.57472
2717	NA	NA	3969.327	31795517	8.891826	0.249732	7.911991	5887.252	25.58671
2658	NA	NA	2375.339	32263561	8.969453	0.247024	8.006968	5890.417	25.58526
2567	44.40676	24.14811	4318.775	32729739	9.053482	0.244991	8.102144	5893.675	25.58315
2674	45.05946	24.13274	5715.504	33193918	9.160937	0.24348	8.197434	5893.313	25.61715
2731	46.81232	24.61422	6798.027	33655151	9.270646	0.243189	8.292758	5888.9	25.66543
2765	47.77061	24.67437	6940.35	34110917	9.377086	0.243055	8.388033	5880.069	25.72235
2786	48.26187	24.36454	7449.48	34558115	9.470363	0.242865	8.483181	5866.415	25.7945
2786	49.67154	24.62741	7373.428	34994814	9.547149	0.242502	8.578122	5847.493	25.85553
2782	51.81983	25.20404	7683.574	35419682	9.649299	0.24184	8.672784	5825.327	25.9033
2763	53.40834	25.55406	8172.664	35833969	9.735771	0.240436	8.767096	5803.689	25.94437
2798	54.38248	25.74733	8248.762	36241590	9.807379	0.238581	8.860993	5782.996	25.99001
2875	56.09824	26.17316	7736.37	36648068	9.865412	0.233671	8.954416	5763.735	26.05283
2867	54.74022	25.23893	7669.274	37057452	9.911588	0.229147	9.047311	5746.474	26.11315
2817	54.96317	25.22146	7170.695	37471509	9.975048	0.225222	9.139632	5735.872	26.16326



1918	NA	NA	NA	NA	NA	NA	NA	NA
1922	NA	NA	NA	NA	NA	NA	NA	NA
1984	NA	NA	NA	NA	NA	NA	NA	NA
1948	NA	NA	NA	NA	NA	NA	NA	NA
1943	NA	NA	NA	NA	NA	NA	NA	NA
1995	NA	NA	NA	NA	NA	NA	NA	NA
1977	NA	NA	NA	NA	NA	NA	NA	NA
2009	NA	NA	NA	NA	NA	NA	NA	NA
1966	NA	NA	NA	NA	NA	NA	NA	NA
2017	NA	NA	NA	NA	NA	NA	NA	NA
2100	NA	NA	NA	NA	NA	NA	NA	NA
2069	NA	NA	NA	NA	NA	NA	NA	NA
2095	NA	NA	NA	NA	NA	NA	NA	NA
2127	NA	NA	NA	NA	NA	NA	NA	NA
2172	NA	NA	NA	NA	NA	NA	NA	NA
2260	NA	NA	NA	NA	NA	NA	NA	NA
2271	NA	NA	NA	NA	NA	NA	NA	NA
2247	NA	NA	NA	NA	NA	NA	NA	NA
2249	NA	NA	NA	NA	NA	NA	NA	NA
2263	NA	NA	NA	NA	NA	NA	NA	NA
2291	NA	NA	NA	NA	NA	NA	NA	NA
2317	NA	NA	NA	NA	NA	NA	NA	NA
2295	NA	NA	NA	NA	NA	NA	NA	NA
2282	NA	NA	NA	NA	NA	NA	NA	NA
2310	NA	NA	NA	NA	NA	NA	NA	NA
2324	NA	NA	NA	NA	NA	NA	NA	NA
2362	NA	NA	NA	NA	NA	NA	NA	NA
2403	NA	NA	NA	NA	NA	NA	NA	NA
2404	NA	NA	NA	NA	NA	NA	NA	NA
2408	NA	NA	NA	NA	NA	NA	NA	NA
2427	NA	NA	NA	NA	NA	NA	NA	NA
2452	NA	NA	NA	NA	NA	NA	NA	NA
2452	NA	NA	NA	NA	NA	NA	NA	NA
2438	NA	NA	NA	NA	NA	NA	NA	NA
2430	NA	NA	NA	NA	NA	NA	NA	NA
2434	NA	NA	NA	NA	NA	NA	NA	NA
2446	NA	NA	NA	NA	NA	NA	NA	NA
2462	NA	NA	NA	NA	NA	NA	NA	NA
2482	NA	NA	NA	NA	NA	NA	NA	NA
2528	NA	NA	NA	NA	NA	NA	NA	NA
2544	NA	NA	NA	NA	NA	NA	NA	NA
2559	NA	NA	NA	NA	NA	NA	NA	NA
2593	NA	NA	NA	NA	NA	NA	NA	NA
2608	NA	NA	NA	NA	NA	NA	NA	NA
2612	NA	NA	NA	NA	NA	NA	NA	NA
2624	NA	NA	NA	NA	NA	NA	NA	NA
2638	NA	NA	NA	NA	NA	NA	NA	NA
2655	NA	NA	NA	NA	NA	NA	NA	NA
2656	NA	NA	NA	NA	NA	NA	NA	NA

2688	NA	NA	NA	NA	NA	NA	NA	NA	
2544	NA	NA	1874.305	10483000	8.597077	NA	9.534285	NA	NA
2576	NA	NA	1851.425	10742000	8.607508	NA	9.605106	NA	NA
2637	NA	NA	1963.639	10950000	8.610288	NA	9.67589	NA	NA
2604	NA	NA	2127.567	11167000	8.603417	NA	9.746658	NA	NA
2555	NA	NA	2277.067	11388000	8.587548	NA	9.817435	NA	NA
2635	NA	NA	2339.862	11651000	8.513936	NA	9.888246	NA	NA
2591	NA	NA	2575.62	11799000	8.433123	NA	9.95912	NA	NA
2609	NA	NA	2719.43	12009000	8.351869	NA	10.03009	NA	NA
2605	NA	NA	2986.219	12263000	8.278677	NA	10.10118	NA	NA
2631	NA	NA	3299.037	12507000	8.220413	NA	10.17242	NA	NA
2659	NA	NA	3489.087	12937000	8.323089	NA	10.24386	NA	NA
2693	NA	NA	3942.812	13177000	8.420266	NA	10.31553	NA	NA
2573	NA	NA	4762.479	13380000	8.519929	NA	10.38745	NA	NA
2496	NA	NA	6471.554	13723000	8.633691	NA	10.45967	NA	NA
2591	NA	NA	6992.539	13893000	8.768375	NA	10.53222	NA	NA
2569	NA	NA	7474.862	14033000	8.921634	NA	10.60513	NA	NA
2541	NA	NA	7763.131	14192000	9.10335	NA	10.67843	NA	NA
2493	NA	NA	8239.955	14358000	9.29576	NA	10.75215	NA	NA
2497	NA	NA	9279.254	14514000	9.470815	NA	10.8263	NA	NA
2534	NA	NA	10191.82	14692000	9.614698	0.302701	10.90092	4427.931	25.30154
2561	NA	NA	11830.87	14927000	9.774361	0.292728	10.97601	4427.707	25.2971
2603	NA	NA	12763.32	15178000	9.88783	0.283581	11.05158	4427.511	25.30449
2564	NA	NA	11515.81	15369000	9.981027	0.275	11.12764	4427.337	25.32418
2605	NA	NA	12428.86	15544000	10.09154	0.266375	11.20417	4427.181	25.34194
2635	NA	NA	11434.89	15758000	10.23827	0.258054	11.28118	4427.038	25.36059
2610	NA	NA	11360.53	16018400	10.37712	0.249711	11.35863	4426.815	25.39521
2662	NA	NA	11623.36	16263900	10.5448	0.241524	11.4365	4426.592	25.43346
2656	NA	NA	14257.02	16532200	10.72648	0.234104	11.51476	4426.365	25.46863
2676	NA	NA	17801.27	16814400	10.90147	0.229539	11.59336	4426.135	25.49498
2713	76.13672	22.97521	18214.84	17065100	11.06252	0.227111	11.67225	4425.897	25.56122
2674	79.00292	23.05247	18824.25	17284000	11.26248	0.224228	11.75137	4425.244	25.63285
2646	82.08319	23.15713	18569.77	17495000	11.44355	0.220883	11.83066	4424.145	25.71464
2628	82.68598	22.55329	17633.38	17667000	11.60451	0.216908	11.91003	4422.558	25.80102
2652	87.32205	23.01419	18045.44	17855000	11.74628	0.212044	11.98942	4420.441	25.89316
2657	87.57224	22.41458	20319.63	18072000	11.87148	0.206989	12.06875	4417.745	25.9806
2647	89.70242	22.17125	21861.33	18311000	11.9822	0.200434	12.14791	4413.754	26.12041
2646	91.54334	21.79054	23468.6	18517000	12.07736	0.193574	12.22683	4408.797	26.26238
2573	91.25005	20.96347	21318.96	18711000	12.16291	0.186881	12.30542	4402.826	26.40741
2618	89.91687	20.04426	20521.78	18926000	12.24842	0.180931	12.38358	4395.793	26.5355
2595	91.60016	19.9783	21669.41	19153000	12.34462	0.176386	12.46123	4387.65	26.63574
2656	90.54012	19.43142	19482.57	19413000	12.43707	0.172701	12.53827	4382.887	26.72149
2682	92.4739	19.46163	20074.23	19651400	12.53805	0.170348	12.61463	4382.595	26.81376
2700	90.50627	18.67766	23437.31	19895400	12.64912	0.168141	12.69023	4387.265	26.90049
2647	89.65544	18.23738	30401.55	20127400	12.76805	0.166003	12.76498	4397.443	26.98923
2695	86.66349	17.47451	33961.68	20394800	12.89426	0.164169	12.83884	4413.725	27.06482
2757	86.1723	17.27841	36019.2	20697900	12.95921	0.161873	12.91173	4433.835	27.12734
2804	87.43499	17.42306	40905.47	20827600	13.02377	0.159064	12.98361	4453.273	27.18365
2807	86.9077	17.22911	49535.26	21249200	13.10972	0.155789	13.05443	4471.574	27.25786





2637	NA	NA	NA	NA	NA	NA	NA	NA	
2672	NA	NA	NA	NA	NA	NA	NA	NA	
2679	NA	NA	NA	NA	NA	NA	NA	NA	
2645	NA	NA	NA	NA	NA	NA	NA	NA	
2688	NA	NA	NA	NA	NA	NA	NA	NA	
2738	NA	NA	NA	NA	NA	NA	NA	NA	
2774	NA	NA	NA	NA	NA	NA	NA	NA	
2784	NA	NA	NA	NA	NA	NA	NA	NA	
2787	NA	NA	NA	NA	NA	NA	NA	NA	
2801	NA	NA	NA	NA	NA	NA	NA	NA	
2822	NA	NA	NA	NA	NA	NA	NA	NA	
2842	NA	NA	NA	NA	NA	NA	NA	NA	
2857	NA	NA	NA	NA	NA	NA	NA	NA	
2905	NA	NA	NA	NA	NA	NA	NA	NA	
2891	NA	NA	NA	NA	NA	NA	NA	NA	
2906	NA	NA	NA	NA	NA	NA	NA	NA	
2897	NA	NA	NA	NA	NA	NA	NA	NA	
2807	NA	1031.815	7086299	12.33807	NA	10.63303	NA	NA	
2792	NA	1087.834	7129864	12.5298	NA	10.66756	NA	NA	
2875	NA	1167.001	7175811	12.72162	NA	10.70001	NA	NA	
2893	NA	1269.413	7223801	12.90754	NA	10.73058	NA	NA	
2830	NA	1374.532	7270889	13.08719	NA	10.75947	NA	NA	
2842	NA	1486.969	7322066	13.30245	NA	10.78689	NA	NA	
2820	NA	1569.667	7376998	13.49723	NA	10.81303	NA	NA	
2825	NA	1677.674	7415403	13.672	NA	10.83812	NA	NA	
2812	NA	1825.386	7441055	13.82895	NA	10.86234	NA	NA	
2827	NA	2058.769	7467086	13.97068	NA	10.88591	NA	NA	
2833	NA	2380.978	7500482	14.17441	NA	10.90902	NA	NA	
2826	NA	2924.049	7544201	14.34853	NA	10.93187	NA	NA	
2861	NA	3890.722	7586115	14.49788	NA	10.95464	NA	NA	
2759	NA	4630.757	7599038	14.6247	NA	10.97751	NA	NA	
2778	NA	5285.621	7578903	14.72879	NA	11.00066	NA	NA	
2849	NA	5678.387	7565525	14.93732	NA	11.02426	NA	NA	
2799	NA	6810.628	7568430	15.12129	NA	11.04845	NA	NA	
2833	NA	8205.469	7562305	15.25339	NA	11.07339	NA	NA	
2898	NA	9793.765	7549425	15.28634	NA	11.09922	NA	NA	
2934	NA	10869.55	7549433	15.19541	0.262367	11.12605	4624.57	24.32917	
2948	NA	9385.249	7568710	15.06867	0.258629	11.15402	4618.685	24.345	
3001	NA	9410.347	7574140	14.81266	0.258123	11.18322	4613.536	24.38145	
2977	NA	9537.407	7561910	14.50495	0.257666	11.21376	4608.958	24.42434	
2973	NA	8991.065	7561434	14.25798	0.257178	11.2457	4604.839	24.46448	
3005	NA	9172.097	7564985	14.13625	0.256593	11.27913	4601.093	24.49414	
3055	NA	13083.07	7569794	14.18638	0.255798	11.31411	4595.214	24.52885	
3043	NA	16392.77	7574586	14.35254	0.256171	11.35067	4589.335	24.59734	
3035	NA	17578.62	7585317	14.58005	0.256477	11.38885	4583.39	24.67067	
3092	NA	17468.95	7619567	14.78569	0.256382	11.42867	4577.32	24.75335	
3113	78.15757	24.52007	21680.99	7677850	14.92147	0.256617	11.47012	4571.074	24.84399
3165	79.03337	24.44342	22410.91	7754891	15.08034	0.257022	11.51321	4564.878	24.93947
3152	80.30273	24.42555	24880.16	7840709	15.17326	0.258404	11.55791	4558.933	25.03644

3139	83.56186	24.82225	24081.53	7905633	15.211	0.26012	11.60418	4553.26	25.13745
3115	83.71306	24.32889	25646.7	7936118	15.21311	0.261881	11.65197	4547.891	25.23013
3082	83.19714	23.84026	30325.85	7948278	15.18986	0.263299	11.70123	4542.864	25.3233
3117	83.54909	23.72024	29809.08	7959017	15.24527	0.264183	11.75186	4537.243	25.40906
3058	78.69308	22.19697	26705.48	7968041	15.2779	0.264912	11.8038	4530.69	25.46671
3179	79.20367	21.94502	27361.88	7976789	15.30337	0.267834	11.85695	4523.097	25.5266
3254	80.82883	21.96188	27174.3	7992324	15.33687	0.269518	11.9112	4514.346	25.56761
3302	80.47404	21.56063	24564.46	8011566	15.38991	0.267794	11.96646	4504.304	25.597
3312	77.03463	20.53031	24537.51	8042293	15.52006	0.26594	12.02259	4497.33	25.62317
3242	76.56075	20.24945	26401.75	8081957	15.65034	0.264087	12.0795	4494.742	25.63209
3194	77.90556	20.42594	32222.9	8121423	15.79435	0.261349	12.13705	4497.022	25.64056
3189	73.33765	19.24286	36821.52	8171966	15.97298	0.25891	12.19513	4504.709	25.64949
3204	74.11097	19.23757	38403.13	8227829	16.19732	0.257088	12.25363	4518.399	25.64265
3301	71.32308	18.43499	40635.28	8268641	16.49	0.254829	12.31242	4535.9	25.65262
3318	72.20727	18.52398	46855.77	8295487	16.82314	0.254977	12.3714	4552.773	25.65892
3299	71.7114	18.29804	51708.77	8321496	17.17392	0.255832	12.43047	4568.561	25.66397
3322	73.56889	18.4998	47963.18	8343323	17.50566	0.256941	12.48952	4582.722	25.70243
3319	73.04901	18.13303	46858.04	8363404	17.79838	0.257127	12.54848	4594.618	25.75347
3326	75.08954	18.49134	51374.96	8391643	18.05263	0.256818	12.60725	4603.497	25.80556
3336	73.41881	18.02633	48567.7	8429991	18.27278	0.255663	12.66578	4611.592	25.85412
3381	72.71289	17.60825	50716.71	8479823	18.46984	0.252865	12.72399	4615.772	25.90059
3346	74.8494	17.69759	51704.54	8546356	18.65646	0.249874	12.78184	4619.192	25.94107
3302	73.8646	17.35603	44206.78	8642699	18.84048	0.248311	12.8393	4621.679	25.98269
3260	72.95012	17.08779	44731.01	8736668	19.02746	0.246732	12.89632	4623.021	26.02003
3283	72.78011	17.00448	47290.91	8809212	19.20153	0.246732	12.95288	4622.959	26.02003
2183	25.09607	12.25807	673.3319	7382000	4.895855	0.189158	10.02606	8261.517	24.60812
2127	26.20696	12.72418	529.8137	7495000	5.051663	0.189025	10.09447	8263.389	24.62896
2043	27.04339	13.13689	436.2169	7597000	5.193911	0.188943	10.15973	8265.535	24.64713
1998	27.15891	13.25281	397.1981	7685000	5.313304	0.189008	10.22196	8267.975	24.65784
2087	27.79095	13.58853	409.2108	7763000	5.446377	0.189279	10.28132	8266.413	24.68246
1872	28.45119	13.8505	505.5638	7838250	5.550396	0.189599	10.33799	8260.258	24.70864
1969	28.94433	14.0079	561.907	7913000	5.640681	0.190156	10.39217	8249.075	24.73803
2069	29.12061	13.93192	573.8933	7982750	5.738215	0.187838	10.44407	8232.38	24.73053
2175	28.86926	13.71084	655.0974	8048600	5.849897	0.186508	10.4939	8209.651	24.75443
2246	28.74232	13.68237	703.6838	8111200	6.062134	0.186297	10.54189	8186.026	24.78599
2303	28.84477	13.76773	763.0806	8171950	6.278302	0.18695	10.5883	8166.11	24.83243
2390	29.25515	13.94065	883.644	8234100	6.464655	0.188711	10.63337	8150.658	24.90078
2481	29.20275	13.7697	1045.009	8306500	6.574314	0.19078	10.67736	8140.534	24.97965
2657	29.35011	13.67705	1578.402	8391850	6.585864	0.193088	10.7205	8136.722	25.09174
2817	29.36032	13.36041	2473.082	8484550	6.534592	0.195106	10.76307	8138.715	25.23507
2881	29.26977	12.89474	3851.438	8581300	6.411354	0.195307	10.80532	8141.406	25.3577
2867	30.0578	12.86169	5574.604	8763400	6.244023	0.195255	10.84748	8144.522	25.49666
2847	30.79722	12.81877	4950.295	8947243	6.066084	0.19498	10.8898	8147.696	25.62497
2817	31.50031	12.74897	5842.806	9054332	5.89824	0.194453	10.93251	8150.449	25.74299
2875	32.02322	12.60309	7189.691	9173082	5.819024	0.192483	10.97583	8152.168	25.92856
2880	32.53117	12.47545	7496.295	9295784	5.746527	0.190322	11.01997	8153.863	26.07726
2936	32.46822	12.16266	7875.757	9416801	5.696231	0.187611	11.06511	8154.773	26.21932
2894	32.97681	12.06679	7891.313	9535079	5.689036	0.18675	11.11144	8155.545	26.33194
2873	33.8074	12.11429	5500.31	9649341	5.738112	0.186058	11.15911	8156.101	26.41886

2914	34.39068	12.15946	3880.739	9757812	5.849717	0.184898	11.20828	8156.379	26.50055
2898	34.67406	12.16452	4131.618	9862429	6.017793	0.184898	11.25907	8156.366	26.50055
2079	NA	NA	1651.475	115108	3.687841	NA	5.256348	NA	NA
2038	NA	NA	1752.97	121083	3.605791	NA	5.354194	NA	NA
2034	NA	NA	1867.113	127333	3.540323	NA	5.453406	NA	NA
2063	NA	NA	1994.545	133698	3.492199	NA	5.553952	NA	NA
2066	NA	NA	2144.831	140054	3.450098	NA	5.65579	NA	NA
2184	NA	NA	2322.944	146366	3.410628	NA	5.758874	NA	NA
2125	NA	NA	2556.835	152609	3.381845	NA	5.86315	NA	NA
2179	NA	NA	2804.705	158627	3.36954	NA	5.968557	NA	NA
2234	NA	NA	3215.487	164248	3.371122	NA	6.075027	NA	NA
2262	NA	NA	3179.276	169354	3.384626	NA	6.182485	NA	NA
2245	NA	NA	3297.999	173863	3.467098	NA	6.290851	NA	NA
2165	NA	NA	3322.668	177839	3.523412	NA	6.400036	NA	NA
2105	NA	NA	3696.663	181488	3.571586	NA	6.509946	NA	NA
2080	NA	NA	3416.55	185099	3.624547	NA	6.620483	NA	NA
2024	NA	NA	3156.468	188882	3.682723	NA	6.73154	NA	NA
2090	NA	NA	3328.633	192902	3.766679	NA	6.84301	NA	NA
1921	NA	NA	3617.251	197111	3.867871	NA	6.954779	NA	NA
1865	NA	NA	4130.751	201513	3.980388	NA	7.06673	NA	NA
1936	NA	NA	5532.151	206032	4.078978	NA	7.178746	NA	NA
2240	NA	NA	6338.62	210661	4.151219	0.078647	7.290706	3132.792	24.37384
2102	NA	NA	6622.686	215396	4.203421	0.078379	7.40249	3131.192	24.43505
2354	NA	NA	7165.134	220275	4.217001	0.078039	7.513978	3129.792	24.50467
2346	NA	NA	7694.938	225187	4.20717	0.077672	7.625052	3128.547	24.60943
2306	NA	NA	8873.769	230015	4.198422	0.077347	7.735594	3127.427	24.72778
2345	NA	NA	9888.489	234687	4.200914	0.077073	7.845493	3126.409	24.85495
2385	NA	NA	10339.52	239131	4.202299	0.076816	7.954639	3124.811	24.97496
2380	NA	NA	11150.69	243393	4.221978	0.076545	8.062928	3123.213	25.08349
2402	NA	NA	11381.82	247579	4.25238	0.076323	8.170263	3121.596	25.17486
2363	NA	NA	12158.08	251849	4.283122	0.076176	8.276553	3119.946	25.25317
2278	67.83664	28.67809	12350.98	256336	4.31699	0.076028	8.381714	3118.248	25.31084
2206	66.62865	27.95991	11914.86	261116	4.381578	0.075932	8.48567	3116.042	25.35729
2115	66.87312	27.97169	11682.08	266134	4.442123	0.075743	8.588356	3113.335	25.38272
2048	67.98958	28.2185	11402.65	271165	4.50095	0.075521	8.689714	3110.082	25.4044
2074	69.11299	28.22991	11812.46	275895	4.56623	0.075177	8.789697	3106.234	25.42163
2124	70.9663	28.33693	12239.87	280150	4.647153	0.074817	8.888268	3101.74	25.44468
2104	75.46789	30.04931	12717.15	283790	4.767962	0.074441	8.985399	3097.392	25.48768
2272	74.97697	28.84332	22066.28	286970	4.898421	0.073774	9.081075	3093.695	25.55642
2236	76.36119	28.72212	23557.95	290060	5.04206	0.073156	9.17529	3090.754	25.64668
2337	79.27531	29.77137	26173.72	293572	5.192934	0.072072	9.268049	3088.687	25.7542
2457	81.52973	30.06729	27112.26	297890	5.351304	0.071068	9.359367	3087.627	25.8376
2466	83.14644	30.48883	27439.36	303135	5.529879	0.071002	9.44927	3090.03	25.86957
2434	82.43171	29.78433	28727.02	309157	5.704868	0.070708	9.537794	3095.354	25.88679
2328	82.34996	29.70274	28092.49	315746	5.869591	0.070272	9.624982	3103.803	25.89695
2307	83.27314	30.04362	28076.16	322526	6.033312	0.069694	9.710889	3115.593	25.90365
2285	83.62952	29.8835	29874.65	329249	6.218394	0.067424	9.795577	3130.949	25.91257
2302	88.90959	31.68378	30274.99	335830	6.363934	0.065113	9.879113	3147.594	25.89578
2284	87.9461	30.83808	31018.03	342328	6.511007	0.06279	9.961574	3163.025	25.87753

2273	89.57141	31.2411	30188.48	348676	6.653455	0.060588	10.04304	3176.865	25.90942
2318	92.56546	32.31723	28129.61	354856	6.798532	0.058603	10.1236	3188.686	25.93906
2302	96.26439	33.19999	27979.11	360832	6.951434	0.056854	10.20334	3198.001	25.97862
2281	98.79495	34.01982	27472.26	366568	7.171111	0.055311	10.28236	3204.257	26.00926
2401	98.87821	33.94973	28815.53	372039	7.425297	0.053785	10.36075	3209.569	26.03697
2357	100.6399	34.74403	28171.99	377240	7.701728	0.052429	10.43861	3212.347	26.05703
1857	98.89051	34.0798	28671.35	382169	7.995939	0.052373	10.51603	3214.481	26.0826
1732	98.25719	33.87847	30483.82	386838	8.306061	0.052335	10.59311	3215.9	26.10426
1771	97.50687	33.59884	30260.31	391232	8.645254	0.052293	10.66994	3216.554	26.12712
1749	96.81106	33.28006	30762.01	395361	8.995829	0.052293	10.74661	3216.444	26.12712
2143	NA	NA	97.14273	49592802	2.686335	NA	1.347193	NA	NA
2110	NA	NA	99.57671	51030137	2.685813	NA	1.381091	NA	NA
2156	NA	NA	101.2605	52532417	2.6797	NA	1.415529	NA	NA
2139	NA	NA	99.50386	54129100	2.667397	NA	1.450536	NA	NA
2104	NA	NA	105.7892	55834038	2.650607	NA	1.486143	NA	NA
2093	NA	NA	111.6586	57672990	2.68534	NA	1.522387	NA	NA
1944	NA	NA	121.6621	59620669	2.710045	NA	1.559304	NA	NA
2053	NA	NA	121.5289	61579473	2.725551	NA	1.596937	NA	NA
2103	NA	NA	133.5754	63417394	2.735193	NA	1.635328	NA	NA
2181	NA	NA	138.248	65047770	2.743298	NA	1.674523	NA	NA
2015	NA	NA	131.7558	66424744	2.805576	NA	1.714568	NA	NA
1866	NA	NA	93.02487	67597470	2.864584	NA	1.755514	NA	NA
1960	NA	NA	117.7258	68691185	2.920887	NA	1.797411	NA	NA
2035	NA	NA	179.0451	69884420	2.972698	NA	1.840309	NA	NA
1929	NA	NA	272.7452	71305923	3.018724	NA	1.884261	NA	NA
2065	NA	NA	138.5922	72999136	3.052287	NA	1.929318	NA	NA
1876	NA	NA	128.8093	74925896	3.069362	NA	1.975531	NA	NA
2009	NA	NA	172.4147	77033846	3.071798	NA	2.022951	NA	NA
2067	NA	NA	196.4426	79236776	3.064054	NA	2.071626	NA	NA
2008	NA	NA	222.6324	81470860	3.050025	0.222952	2.121604	7544.354	20.28806
1975	NA	NA	241.8704	83721268	3.058275	0.221006	2.172928	7544.411	20.29002
2003	NA	NA	215.3933	86007331	3.058001	0.219003	2.225641	7544.46	20.29241
2033	NA	NA	199.3366	88338242	3.048415	0.216966	2.279779	7544.505	20.29626
2008	NA	NA	208.5346	90732362	3.02893	0.214885	2.335376	7544.545	20.30159
2053	NA	NA	239.0392	93199865	3.001009	0.212816	2.392461	7544.581	20.30803
2042	NA	NA	227.423	95742431	3.033252	0.210579	2.451058	7544.638	20.31622
2101	NA	NA	247.0723	98343809	3.060555	0.208319	2.511184	7544.695	20.32495
2071	NA	NA	263.2228	1.01E+08	3.083597	0.206048	2.572855	7544.752	20.33453
2057	NA	NA	277.8178	1.04E+08	3.103743	0.203934	2.636076	7544.811	20.34508
2077	11.85388	8.847619	297.568	1.06E+08	3.122673	0.20198	2.700852	7544.872	20.35571
2085	11.52246	8.532331	284.7256	1.09E+08	3.176993	0.200158	2.767182	7544.219	20.36696
2085	11.89468	8.725869	285.0955	1.11E+08	3.228193	0.198242	2.835058	7542.784	20.37811
1979	12.04366	8.737143	291.7145	1.14E+08	3.276977	0.196239	2.904474	7540.498	20.38912
1963	12.22505	8.773157	290.6525	1.16E+08	3.323567	0.194183	2.975419	7537.283	20.39966
1996	12.92344	9.146697	319.6087	1.19E+08	3.368933	0.192056	3.04788	7533.054	20.41041
2012	13.1504	9.179143	382.9358	1.21E+08	3.465455	0.187673	3.121849	7525.481	20.4227
2066	13.28884	9.163922	389.5236	1.24E+08	3.558003	0.18315	3.197316	7515.042	20.44703
2123	13.22936	9.017822	395.2975	1.26E+08	3.648415	0.17888	3.274276	7501.545	20.47263
2235	13.50618	9.044508	397.3548	1.29E+08	3.738786	0.176512	3.352729	7484.792	20.52373

2230	14.1027	9.336661	405.6033	1.32E+08	3.830665	0.175318	3.432682	7464.57	20.60676
2288	13.69952	9.004126	402.5981	1.34E+08	3.923055	0.175135	3.514149	7445.844	20.69505
2276	13.73958	8.948406	400.6136	1.37E+08	4.009381	0.176275	3.597153	7431.292	20.78786
2316	14.22884	9.098247	432.7389	1.39E+08	4.092297	0.180488	3.681726	7421.555	20.8931
2333	14.54135	9.138153	460.7579	1.41E+08	4.17531	0.185377	3.767909	7417.348	20.96894
2306	14.93376	9.231996	484.1554	1.43E+08	4.260476	0.192583	3.855756	7419.47	21.04973
2309	15.38417	9.281059	494.0501	1.45E+08	4.365524	0.199858	3.945327	7426.514	21.13346
2356	16.22152	9.563683	541.0651	1.47E+08	4.463982	0.207319	4.036694	7433.606	21.22887
2331	16.84817	9.847619	615.7775	1.49E+08	4.552951	0.21304	4.129936	7440.368	21.33792
2369	16.72646	9.779612	681.1205	1.5E+08	4.628717	0.217466	4.22514	7446.334	21.45764
2381	16.99904	9.888542	757.6718	1.52E+08	4.689533	0.218278	4.322399	7450.929	21.55866
2374	17.08366	9.859809	835.7893	1.54E+08	4.789704	0.217934	4.421811	7453.453	21.66889
2381	17.53995	10.07936	856.3429	1.56E+08	4.879536	0.216589	4.523474	7455.566	21.79266
2400	18.17216	10.2945	951.8895	1.58E+08	4.954786	0.214614	4.62749	7456.722	21.87996
2476	19.32374	10.71727	1084.565	1.59E+08	5.00836	0.212248	4.733958	7457.581	21.9482
2499	20.20511	10.9866	1210.159	1.61E+08	5.038169	0.209796	4.842973	7458.093	22.00001
2517	20.27379	10.80321	1358.779	1.63E+08	5.077478	0.207302	4.954629	7458.256	22.04186
2542	20.50215	10.71691	1516.513	1.65E+08	5.098227	0.207302	5.069008	7458.183	22.04186
2011	NA	NA	NA	231678	6.89362	NA	5.42526	NA	NA
2068	NA	NA	NA	232586	6.950547	NA	5.518797	NA	NA
2141	NA	NA	NA	233587	7.00253	NA	5.613882	NA	NA
2109	NA	NA	NA	234547	7.07662	NA	5.710555	NA	NA
2092	NA	NA	NA	235374	7.189409	NA	5.808854	NA	NA
2105	NA	NA	NA	236044	7.363458	NA	5.90881	NA	NA
2306	NA	NA	NA	236621	7.579209	NA	6.010454	NA	NA
2209	NA	NA	NA	237199	7.817908	NA	6.11381	NA	NA
2223	NA	NA	NA	237913	8.048741	NA	6.218896	NA	NA
2318	NA	NA	NA	238848	8.257134	NA	6.325723	NA	NA
2466	NA	NA	NA	240035	8.475431	NA	6.434293	NA	NA
2407	NA	NA	NA	241441	8.738367	NA	6.5446	NA	NA
2422	NA	NA	NA	242976	9.079498	NA	6.656628	NA	NA
2290	NA	NA	1275.09	244539	9.488057	NA	6.770349	NA	NA
2217	NA	NA	1634.646	246034	9.908793	NA	6.885724	NA	NA
2284	NA	NA	1761.656	247444	10.07218	NA	7.002702	NA	NA
2287	NA	NA	1990.07	248784	10.19921	NA	7.12122	NA	NA
2385	NA	NA	2211.252	250032	10.31468	NA	7.241201	NA	NA
2267	NA	NA	2668.885	251177	10.42611	NA	7.362556	NA	NA
2434	NA	NA	3411.615	252194	10.52642	0.059	7.485185	2937.177	25.46441
2399	NA	NA	3741.701	253080	10.5848	0.058854	7.608973	2934.646	25.51249
2341	NA	NA	3897.754	253841	10.57788	0.058755	7.733798	2932.431	25.56109
2345	NA	NA	4127.467	254518	10.52224	0.058671	7.859525	2930.462	25.62345
2374	NA	NA	4486.53	255193	10.44347	0.058599	7.98601	2928.69	25.69623
2388	NA	NA	4682.364	255924	10.34721	0.0585	8.113105	2927.08	25.77739
2543	NA	NA	5124.395	256736	10.30124	0.058396	8.240653	2924.551	25.86817
2587	NA	NA	5623.653	257611	10.24607	0.058283	8.368494	2922.022	25.96389
2524	NA	NA	5960.282	258527	10.18656	0.058185	8.496464	2919.465	26.06256
2623	NA	NA	6567.431	259458	10.13035	0.058217	8.624401	2916.855	26.15991
2626	62.21141	25.71682	7770.815	260374	10.08588	0.058278	8.752143	2914.168	26.25402
2585	64.48047	25.95743	7681.982	261275	10.18773	0.05831	8.879529	2910.945	26.33936

2518	65.10355	25.71416	7440.957	262184	10.30879	0.058321	9.006406	2907.22	26.40771
2481	67.84043	26.2587	7777.554	263089	10.43601	0.05832	9.132623	2902.948	26.45878
2445	69.25584	26.14775	8148.382	264015	10.56001	0.058348	9.258038	2898.082	26.51008
2396	69.99387	25.97196	8537.056	264959	10.67675	0.058409	9.382518	2892.572	26.55778
2367	71.05841	26.07071	9069.169	265942	10.82341	0.058507	9.505937	2887.491	26.61534
2420	73.66801	26.83408	9549.894	266945	10.97642	0.058585	9.628183	2883.367	26.69852
2298	75.49728	27.23633	10727.6	267950	11.13976	0.058682	9.749149	2880.332	26.77488
2424	76.91157	27.42735	11200.58	268922	11.32261	0.057344	9.868744	2878.533	26.84617
2294	77.98484	27.5225	11567.67	269847	11.5269	0.055759	9.986886	2878.139	26.89778
2312	78.30523	27.40944	11513.94	270685	11.57656	0.054697	10.1035	2881.042	26.93721
2293	80.39462	28.00113	11675.35	271478	11.61788	0.053935	10.21854	2886.377	26.97354
2321	81.06442	28.03287	12028.48	272258	11.65512	0.053196	10.33194	2894.279	27.00149
2260	80.92021	27.91673	12868.79	273091	11.68841	0.0526	10.44367	2904.883	27.02028
2369	79.61688	27.39996	14223.26	274009	11.72042	0.052069	10.5537	2918.321	27.03518
2317	78.48918	26.69399	15185.12	275039	11.8176	0.051534	10.66202	2932.635	27.07463
2380	79.1322	26.50742	16919.25	276150	11.92432	0.049852	10.76861	2945.897	27.14947
2337	80.67053	26.60042	17243.68	277319	12.05759	0.048866	10.87348	2957.791	27.15762
2359	83.77727	27.44272	16087.73	278470	12.23435	0.047905	10.97663	2967.96	27.18325
2363	86.3109	28.0005	16203.16	279569	12.46562	0.046992	11.07807	2976	27.2088
2349	88.86771	28.83685	16610.42	280601	12.72661	0.046147	11.17783	2981.461	27.23026
2370	87.93532	28.55953	16536.21	281585	13.03052	0.045334	11.27593	2986.117	27.2469
2389	86.1794	28.01579	16326.91	282509	13.37975	0.044802	11.37241	2988.547	27.25942
2399	87.82229	28.7741	16261.8	283385	13.75937	0.044492	11.4673	2990.422	27.26868
2437	87.44518	28.6763	16129.05	284217	14.16383	0.04419	11.56064	2991.678	27.27397
2481	87.11415	28.52527	15891.63	284996	14.54968	0.043927	11.65248	2992.268	27.27108
2458	87.00524	28.39045	16356.98	285719	14.9521	0.043927	11.74285	2992.176	27.27108
2760	42.08725	16.16229	1667.682	10216000	11.41797	0.259659	9.732523	7756.36	25.73044
2872	44.7848	17.31416	1590.096	10239000	11.81375	0.259469	9.843327	7755.976	25.77293
2860	44.06216	17.20887	1460.059	10227000	12.16594	0.259436	9.954014	7755.526	25.79424
2845	43.92779	17.26046	1370.677	10194000	12.44544	0.259922	10.06456	7755.002	25.78485
2930	43.75202	17.22222	1452.445	10160000	12.75552	0.261118	10.17494	7751.182	25.78255
2906	44.54604	17.56832	1396.502	10117000	12.96684	0.262324	10.28513	7743.822	25.77407
2816	45.12193	17.79814	1511.77	10069000	13.12227	0.263297	10.3951	7732.606	25.77296
2791	46.47024	18.32077	1210.612	10026738	13.28704	0.261687	10.50483	7717.187	25.7602
2652	42.70473	16.8069	1276.288	9979610	13.49557	0.260313	10.61426	7697.191	25.75462
2699	43.93806	17.24427	1244.373	9928549	13.81488	0.257981	10.72337	7677.748	25.76018
2645	45.33985	17.63203	1479.315	9865548	14.16596	0.25576	10.8321	7662.424	25.76808
2536	44.18857	16.94705	1819.766	9796749	14.49037	0.253803	10.9404	7651.917	25.79576
2618	44.39258	16.81921	2378.623	9730146	14.6965	0.251267	11.04822	7647.013	25.83127
2683	45.14651	16.9225	3125.811	9663915	14.73545	0.249249	11.1555	7648.605	25.8855
2822	44.19319	16.28956	3847.434	9604924	14.73166	0.247767	11.26217	7656.312	25.95922
2899	43.13384	15.63807	4735.658	9560953	14.58592	0.246959	11.36817	7665.098	26.0471
2882	42.7223	15.16371	6377.37	9527985	14.35854	0.246916	11.47342	7674.688	26.14352
2773	44.2829	15.41617	5351.355	9506765	14.14018	0.247919	11.57787	7684.716	26.24007
2912	45.42421	15.50259	6181.4	9490583	13.98559	0.250049	11.68143	7694.713	26.32909
3095	47.04335	15.57228	6519.23	9473172	13.97864	0.255277	11.78405	7704.086	26.42044
3119	42.22838	13.67547	6940.159	9464495	14.02641	0.260412	11.88566	7713.611	26.51753
2957	43.09016	13.55842	7978.873	9465997	14.11489	0.262475	11.9862	7718.425	26.60612
3141	42.46616	12.99008	8318.513	9474511	14.22143	0.262943	12.08562	7722.722	26.6994





3068	NA	NA	NA	NA	NA	NA	NA	NA	
3109	NA	NA	NA	NA	NA	NA	NA	NA	
3156	NA	NA	NA	NA	NA	NA	NA	NA	
3249	NA	NA	NA	NA	NA	NA	NA	NA	
3200	NA	NA	NA	NA	NA	NA	NA	NA	
3150	NA	NA	NA	NA	NA	NA	NA	NA	
3130	NA	NA	NA	NA	NA	NA	NA	NA	
3139	NA	NA	NA	NA	NA	NA	NA	NA	
3209	NA	NA	NA	NA	NA	NA	NA	NA	
3178	NA	NA	NA	NA	NA	NA	NA	NA	
3194	NA	NA	NA	NA	NA	NA	NA	NA	
1876	NA	316.4036	94703	4.179382	NA	3.400505	NA	NA	
1970	NA	327.1269	97384	4.207057	NA	3.45642	NA	NA	
1997	NA	336.9415	100164	4.234056	NA	3.513823	NA	NA	
1973	NA	351.1611	103069	4.245699	NA	3.572812	NA	NA	
1957	NA	377.5943	106119	4.249003	NA	3.63348	NA	NA	
1933	NA	406.098	109347	4.272637	NA	3.695918	NA	NA	
1946	NA	420.4319	112692	4.280694	NA	3.760213	NA	NA	
1894	NA	386.9532	116061	4.283093	NA	3.826446	NA	NA	
1876	NA	396.6543	119261	4.282205	NA	3.894689	NA	NA	
1902	NA	435.6905	122182	4.292776	NA	3.965009	NA	NA	
1937	NA	474.4442	124793	4.352808	NA	4.037458	NA	NA	
1946	NA	519.5635	127150	4.401101	NA	4.112079	NA	NA	
1948	NA	605.9334	129294	4.453416	NA	4.188898	NA	NA	
2005	NA	786.0691	131307	4.505472	NA	4.267928	NA	NA	
2046	NA	885.9845	133260	4.562509	NA	4.349164	NA	NA	
2031	NA	717.0402	135147	4.578718	NA	4.432583	NA	NA	
2073	NA	858.8281	136989	4.59088	NA	4.518142	NA	NA	
2145	NA	980.8225	138965	4.587486	NA	4.605781	NA	NA	
2180	NA	1074.272	141305	4.55681	NA	4.695417	NA	NA	
2277	NA	1373.093	144155	4.490999	0.091397	4.78695	3204.484	24.74225	
2287	NA	1328.828	147566	4.461055	0.09107	4.880259	3199.394	24.77623	
2263	NA	1202.682	151500	4.408581	0.090668	4.975204	3194.941	24.80622	
2131	NA	1232.837	155822	4.335075	0.090197	5.071631	3190.982	24.84813	
2131	NA	1336.988	160347	4.259512	0.089662	5.169368	3187.419	24.89982	
2108	NA	1289.367	164921	4.182609	0.089028	5.268234	3184.18	24.95341	
2087	NA	1366.05	169568	4.147009	0.088369	5.368034	3179.096	25.01883	
2172	NA	1612.452	174320	4.119436	0.087615	5.468569	3174.012	25.09624	
2128	NA	1787.951	179028	4.11053	0.086741	5.569637	3168.87	25.18455	
2061	NA	2011.969	183469	4.111866	0.085706	5.671032	3163.621	25.2888	
2103	16.44413	8.782596	2197.185	187552	4.130055	0.084595	5.772555	3158.219	25.40684
2131	16.54717	8.636243	2326.846	191126	4.192522	0.083418	5.874011	3152.334	25.54585
2308	16.75811	8.663216	2666.978	194317	4.270856	0.082191	5.975217	3146.091	25.70352
2285	17.36806	8.972838	2833.061	197616	4.364019	0.081014	6.076001	3139.457	25.86023
2228	18.27662	9.414499	2880.211	201674	4.454714	0.079788	6.176207	3132.401	26.00764
2265	19.29577	9.809619	2996.383	206963	4.526413	0.078644	6.275698	3124.895	26.14472
2219	20.45161	10.29073	3001.665	213676	4.394504	0.077536	6.374356	3117.509	26.23814
2231	20.8861	10.4715	2952.602	221606	4.253495	0.076203	6.472087	3110.585	26.32135
2221	21.50367	10.79841	2991.925	230284	4.121867	0.074979	6.568819	3104.196	26.40863

2210	21.39735	10.79481	3065.492	239026	4.006677	0.073206	6.664504	3098.426	26.51337
2263	21.7533	10.99016	3364.424	247315	3.907567	0.07173	6.759119	3093.371	26.61887
2345	22.30969	11.09535	3419.276	254984	3.802984	0.070408	6.852665	3091.659	26.72463
2366	22.74542	11.2506	3556.562	262206	3.700526	0.069172	6.945167	3092.986	26.83234
2390	22.80852	11.15157	3679.91	269130	3.591201	0.067792	7.036673	3097.586	26.94439
2363	22.94916	11.13994	3831.538	276089	3.476053	0.066608	7.127253	3105.709	27.04673
2404	23.13801	11.08518	3933.262	283277	3.34796	0.065695	7.216998	3117.618	27.14241
2390	23.73309	11.22697	4187.29	290747	3.415684	0.065606	7.306015	3131.276	27.2282
2373	23.91249	11.14538	4324.773	298407	3.489529	0.065611	7.394428	3144.015	27.29545
2321	24.18289	11.16725	4470.221	306165	3.576176	0.065727	7.482376	3155.474	27.33031
2363	24.55462	11.28545	4253.247	313929	3.683954	0.066048	7.570009	3165.241	27.34736
2416	25.05901	11.39999	4342.963	321608	3.8208	0.066484	7.657484	3172.841	27.36563
2338	25.2743	11.38364	4515.893	329192	3.795353	0.06693	7.744966	3177.733	27.3785
2311	25.48237	11.40471	4644.56	336701	3.773081	0.067253	7.832623	3181.827	27.39491
2340	25.20158	11.2584	4673.245	344181	3.758197	0.067566	7.920623	3183.986	27.41022
2244	24.94042	11.11319	4813.718	351694	3.753547	0.067412	8.009133	3185.616	27.43171
2252	24.6426	10.86941	4905.537	359288	3.762441	0.06726	8.098317	3186.667	27.4516
2274	24.56151	10.77584	4923.359	366954	3.803201	0.067085	8.18833	3187.117	27.46706
2295	24.51695	10.71967	4971.202	374681	3.852611	0.067085	8.279323	3187.015	27.46706
1713	NA	NA	95.57215	2465867	4.984413	NA	0.426448	NA	NA
1727	NA	NA	94.46453	2502896	4.922857	NA	0.449898	NA	NA
1668	NA	NA	99.85911	2542859	4.837586	NA	0.474481	NA	NA
1650	NA	NA	104.3398	2585965	4.730961	NA	0.500227	NA	NA
1790	NA	NA	110.1328	2632356	4.605038	NA	0.527159	NA	NA
1780	NA	NA	112.9408	2682159	4.646816	NA	0.555302	NA	NA
1801	NA	NA	111.9516	2735307	4.671395	NA	0.584677	NA	NA
1899	NA	NA	116.8951	2791590	4.680093	NA	0.615301	NA	NA
1836	NA	NA	116.0251	2850661	4.673513	NA	0.64719	NA	NA
1777	NA	NA	114.5566	2912340	4.652719	NA	0.680357	NA	NA
1858	NA	NA	112.5701	2976572	4.6696	NA	0.71481	NA	NA
1767	NA	NA	134.8194	3043567	4.672347	NA	0.750558	NA	NA
1846	NA	NA	161.9874	3113675	4.660602	NA	0.787606	NA	NA
1728	NA	NA	174.0141	3187412	4.63332	NA	0.825958	NA	NA
1587	NA	NA	207.3004	3265165	4.590273	NA	0.865613	NA	NA
1889	NA	NA	208.6562	3347173	4.570633	NA	0.906574	NA	NA
1836	NA	NA	218.4544	3433439	4.53522	NA	0.948838	NA	NA
1878	NA	NA	263.5811	3523938	4.487026	NA	0.992404	NA	NA
1964	NA	NA	327.8217	3618526	4.428295	NA	1.037271	NA	NA
1872	NA	NA	378.0439	3717165	4.36085	0.060255	1.083438	5722.918	21.84866
1828	NA	NA	337.9782	3820128	4.313232	0.059725	1.130903	5722.86	21.86313
1852	NA	NA	322.7777	3927714	4.257082	0.059233	1.179668	5722.809	21.88273
1735	NA	NA	271.1292	4039949	4.192553	0.058776	1.229736	5722.764	21.90453
1960	NA	NA	252.8698	4156819	4.119857	0.058369	1.281111	5722.723	21.93369
1945	NA	NA	244.411	4278501	4.039733	0.057997	1.333799	5722.686	21.96937
1967	NA	NA	303.3489	4404506	3.993024	0.057642	1.387812	5722.628	22.00935
1800	NA	NA	344.5031	4535263	3.939992	0.057303	1.443162	5722.57	22.05135
1898	NA	NA	346.736	4672852	3.881463	0.057003	1.499865	5722.511	22.11044
2083	NA	NA	311.6783	4820016	3.817892	0.056773	1.557942	5722.451	22.17968
2104	16.25456	12.54886	393.6862	4978496	3.750209	0.056574	1.617416	5722.39	22.2511

2152	16.47749	12.65996	385.7536	5149499	3.697	0.05637	1.678316	5720.939	22.33333
2097	16.76966	12.82198	317.9629	5331803	3.641226	0.056273	1.740673	5717.975	22.41861
2099	17.01377	12.94182	411.926	5521763	3.584888	0.056253	1.804523	5713.359	22.50654
2095	17.4383	13.19155	279.6665	5714220	3.530071	0.056296	1.869905	5706.942	22.59537
2133	17.86678	13.44188	367.3873	5905558	3.478384	0.056334	1.936862	5698.56	22.68468
2198	18.20663	13.62887	387.4329	6094259	3.432854	0.056204	2.005443	5689.052	22.77826
2195	18.38206	13.69794	361.1003	6281639	3.387141	0.056088	2.075697	5679.829	22.90438
2191	18.55977	13.76888	379.4424	6470265	3.342089	0.056015	2.147679	5671.054	23.03153
2176	18.68929	13.80436	403.6237	6664098	3.298571	0.055435	2.221445	5662.919	23.17422
2200	18.88136	13.86155	374.1924	6865951	3.257306	0.055112	2.297058	5655.645	23.30989
2273	19.03834	13.87553	378.7361	7076733	3.233215	0.054937	2.374579	5652.372	23.4335
2349	19.22363	13.89055	418.6986	7295394	3.207709	0.05501	2.454074	5652.548	23.56161
2305	19.35576	13.85639	519.2923	7520555	3.184074	0.054909	2.535613	5656.462	23.69508
2425	19.55163	13.8642	583.4094	7750004	3.166256	0.054752	2.619266	5664.412	23.83222
2402	19.67858	13.84075	601.8	7982225	3.15605	0.05446	2.705106	5676.707	23.97221
2418	19.81497	13.88577	625.8301	8216896	3.173984	0.053988	2.793207	5691.118	24.11732
2530	19.90737	13.92944	706.0535	8454791	3.194307	0.053543	2.883646	5704.591	24.28324
2470	20.01999	13.9934	820.1513	8696916	3.213288	0.052979	2.976501	5716.728	24.38925
2513	20.30241	14.16774	793.4524	8944706	3.22574	0.051654	3.071851	5727.067	24.47493
2502	20.66614	14.3674	757.6959	9199259	3.229891	0.050116	3.169776	5735.078	24.54548
2544	21.18147	14.62885	825.9428	9460802	3.236787	0.048772	3.270359	5740.154	24.60858
2550	21.64661	14.88547	837.9505	9729160	3.236261	0.048328	3.373681	5744.381	24.64959
2544	21.96333	15.05151	915.3282	10004451	3.232021	0.048155	3.479827	5746.616	24.67296
2669	22.15463	15.13792	943.6866	10286712	3.228291	0.048149	3.588879	5748.295	24.70892
2644	22.27733	15.16522	783.9631	10575952	3.227719	0.048266	3.700922	5749.363	24.75296
2663	22.40688	15.17499	788.5324	10872298	3.235719	0.048432	3.81604	5749.806	24.78448
2677	22.56713	15.18153	827.3937	11175692	3.244417	0.048432	3.934315	5749.694	24.78448
2247	NA	NA	1961.538	45500	NA	NA	5.290828	NA	NA
2280	NA	NA	2020.386	46600	NA	NA	5.413226	NA	NA
2238	NA	NA	2020.265	47700	NA	NA	5.536631	NA	NA
2307	NA	NA	2199.727	48900	NA	NA	5.660866	NA	NA
2261	NA	NA	2282.217	50100	NA	NA	5.785745	NA	NA
2280	NA	NA	2630.85	51000	NA	NA	5.911069	NA	NA
2296	NA	NA	2982.75	52000	NA	NA	6.03663	NA	NA
2383	NA	NA	2830.189	53000	NA	NA	6.162209	NA	NA
2441	NA	NA	3053.704	54000	NA	NA	6.287581	NA	NA
2520	NA	NA	3387.273	55000	NA	NA	6.412512	NA	NA
2508	NA	NA	3866.3	54600	NA	NA	6.536761	NA	NA
2578	NA	NA	4343.173	54200	NA	NA	6.660085	NA	NA
2522	NA	NA	5009.294	53800	NA	NA	6.782237	NA	NA
2491	NA	NA	5853.933	53400	NA	NA	6.902968	NA	NA
2460	NA	NA	6509.434	53000	NA	NA	7.022029	NA	NA
2505	NA	NA	7261.278	53200	NA	NA	7.139176	NA	NA
2428	NA	NA	8370.787	53400	NA	NA	7.254166	NA	NA
2574	NA	NA	8876.866	53600	NA	NA	7.366763	NA	NA
2612	NA	NA	9613.383	53800	NA	NA	7.47674	NA	NA
2632	NA	NA	11218.22	54670	NA	0.107849	7.58388	3035.839	26.01449
2653	NA	NA	13425.98	55050	NA	0.107147	7.687979	3035.769	26.09901
2701	NA	NA	14166.17	55449	NA	0.106438	7.788847	3035.708	26.17387

2772	NA	NA	15902.02	55930	NA	0.105725	7.886311	3035.653	26.25715
2809	NA	NA	17469.83	56423	NA	0.10505	7.980219	3035.604	26.3302
2837	NA	NA	18269.54	56898	NA	0.104377	8.070439	3035.559	26.41048
2822	NA	NA	20450.66	57382	NA	0.103726	8.156863	3035.489	26.48819
2784	NA	NA	22411.8	57849	NA	0.103087	8.239408	3035.419	26.57877
2650	NA	NA	24253.18	58347	NA	0.102533	8.31802	3035.348	26.65687
2673	NA	NA	25517.92	58841	NA	0.101558	8.392673	3035.276	26.72164
2526	73.3257	29.17507	26841.52	59326	NA	0.100733	8.463373	3035.202	26.77754
2539	75.38425	29.32974	27700.31	59021	NA	0.100073	8.530156	3034.456	26.8273
2780	77.64981	29.53103	28669.68	58595	NA	0.099509	8.593093	3032.98	26.87103
2741	79.01155	29.37535	30900.69	58910	NA	0.09901	8.652286	3030.709	26.91928
2592	78.51695	28.69123	31476.06	59320	NA	0.098445	8.707873	3027.569	26.95098
2664	76.89079	27.68348	33989.72	59746	NA	0.097926	8.760022	3023.481	26.99068
2630	76.75851	27.26363	44826.79	60129	NA	0.097441	8.808933	3019.054	27.03421
2542	78.21468	27.13434	48478.88	60497	NA	0.096589	8.85484	3014.985	27.08352
2501	79.63948	26.86965	51371.74	60943	NA	0.095847	8.898	3011.374	27.13041
2352	79.26595	26.10445	54245.46	61285	NA	0.094779	8.9387	3008.334	27.26031
2375	78.46484	25.55189	56284.17	61833	NA	0.09379	8.977247	3005.996	27.36734
2333	77.20254	24.95065	58883.96	62504	NA	0.092882	9.013969	3006.399	27.44209
2314	77.30128	24.91535	62583.1	62912	NA	0.091957	9.04921	3009.129	27.49
2221	76.10216	24.20922	66111.73	63325	NA	0.091101	9.083324	3014.366	27.54531
2176	73.48966	23.1587	70359.32	63740	NA	0.09028	9.116674	3022.295	27.61046
2269	70.39312	21.84609	75882.03	64154	NA	0.089529	9.149625	3033.109	27.67995
2317	67.61564	20.71419	83912.7	64523	NA	0.088953	9.182542	3045.344	27.75025
2368	66.00417	19.83804	90849.59	64888	NA	0.088336	9.215784	3056.991	27.87489
2446	65.09668	19.22312	93605.75	65273	NA	0.087857	9.249701	3067.785	27.98293
2460	64.79646	18.80712	88463.31	65636	NA	0.087516	9.284632	3077.422	28.07614
2400	63.42542	18.19998	88207.33	65124	NA	0.087237	9.320896	3085.55	28.10999
2393	61.33226	17.41966	85973.16	64564	NA	0.087096	9.358797	3091.771	28.11654
2400	60.51032	16.94354	85458.46	64798	NA	0.087016	9.398613	3097.446	28.11993
2424	60.22864	16.61774	85748.07	65001	NA	0.086942	9.440602	3100.362	28.12025
1543	NA	NA	108.0225	3764813	4.528857	NA	2.580677	NA	NA
1562	NA	NA	115.8556	3838097	4.442332	NA	2.64182	NA	NA
1610	NA	NA	122.3505	3913395	4.343441	NA	2.705112	NA	NA
1542	NA	NA	135.1819	3990857	4.241846	NA	2.770648	NA	NA
1606	NA	NA	148.4741	4070590	4.141169	NA	2.838522	NA	NA
1605	NA	NA	161.1475	4152668	4.086289	NA	2.908825	NA	NA
1645	NA	NA	178.3776	4237125	4.027943	NA	2.981645	NA	NA
1685	NA	NA	198.4042	4324064	3.967587	NA	3.057067	NA	NA
1652	NA	NA	210.6289	4413590	3.905279	NA	3.135168	NA	NA
1730	NA	NA	225.7109	4505778	3.841268	NA	3.216021	NA	NA
1758	NA	NA	238.1483	4600591	3.822161	NA	3.299689	NA	NA
1722	NA	NA	267.687	4698083	3.797421	NA	3.38623	NA	NA
1668	NA	NA	263.2002	4798509	3.76865	NA	3.475689	NA	NA
1813	NA	NA	428.4329	4902168	3.737612	NA	3.568103	NA	NA
1876	NA	NA	480.0508	5009257	3.70504	NA	3.663496	NA	NA
1847	NA	NA	533.608	5119833	3.735376	NA	3.761881	NA	NA
1753	NA	NA	616.6671	5233677	3.762059	NA	3.863257	NA	NA
1782	NA	NA	702.4289	5350322	3.783342	NA	3.967612	NA	NA

1776	NA	NA	808.4191	5469123	3.796349	NA	4.074918	NA	NA
1780	NA	NA	809.8857	5589575	3.800199	0.117778	4.185135	4914.965	24.4609
1774	NA	NA	1028.216	5711599	3.846909	0.11583	4.298206	4913.573	24.50054
1684	NA	NA	957.552	5835182	3.889013	0.113724	4.414065	4912.354	24.53535
1622	NA	NA	909.8116	5959960	3.930043	0.111584	4.532628	4911.271	24.56472
1707	NA	NA	1013.804	6085496	3.973168	0.109473	4.6538	4910.296	24.59263
1830	NA	NA	865.6901	6211550	4.020027	0.107491	4.777473	4909.41	24.6179
1702	NA	NA	624.5512	6337893	4.087226	0.105633	4.903529	4908.019	24.64038
1721	NA	NA	668.8017	6464732	4.156692	0.103864	5.031836	4906.628	24.66167
1681	NA	NA	697.3706	6592787	4.231397	0.102255	5.162256	4905.221	24.68315
1747	NA	NA	701.4646	6723046	4.314309	0.100974	5.29464	4903.785	24.7085
1645	19.86754	13.67033	709.9489	6856244	4.406115	0.099909	5.428833	4902.307	24.7239
1753	20.45266	13.93361	764.1413	6992521	4.483104	0.099053	5.564672	4900.198	24.74708
1747	21.2628	14.31458	791.3804	7131707	4.563494	0.098366	5.701993	4897.445	24.78004
1726	22.1779	14.72573	788.399	7273825	4.644406	0.097846	5.840625	4893.992	24.82259
1681	22.82213	14.94145	806.2215	7418861	4.721628	0.09738	5.980398	4889.775	24.89315
1829	23.45518	15.13946	887.4685	7566714	4.792979	0.097013	6.121139	4884.728	24.98474
1769	23.87249	15.13839	958.4738	7717443	4.854885	0.096723	6.262676	4879.238	25.09606
1775	24.71184	15.43964	1006.965	7870855	4.911982	0.09641	6.404841	4873.897	25.22313
1682	25.19947	15.49907	1058.719	8026254	4.965417	0.096175	6.547465	4868.78	25.37315
1766	25.84014	15.64556	1012.51	8182712	5.015745	0.094755	6.690386	4863.969	25.50512
1797	26.56719	15.83332	1007.003	8339512	5.064085	0.093507	6.833445	4859.563	25.6284
1796	27.03921	15.89421	958.2367	8496375	5.120784	0.092439	6.976489	4858.792	25.73732
1824	27.82094	16.12051	913.5756	8653345	5.175744	0.091539	7.119373	4861.571	25.83165
1839	28.26598	16.16852	917.3643	8810420	5.234722	0.090782	7.261955	4868.208	25.9115
1776	28.57506	16.13873	978.3346	8967741	5.305126	0.090448	7.404104	4879.034	25.9767
1836	28.91806	16.11901	1046.427	9125409	5.390739	0.090061	7.545695	4894.402	26.05805
1896	28.84719	15.90469	1233.592	9283334	5.491357	0.089974	7.68661	4911.659	26.13554
1905	29.14982	15.89618	1389.629	9441444	5.603687	0.089829	7.826743	4927.526	26.2122
1883	29.05878	15.69532	1736.93	9599855	5.722264	0.089637	7.965992	4941.555	26.28638
1871	29.041	15.53501	1776.866	9758748	5.83914	0.089236	8.104267	4953.229	26.3379
1919	29.12767	15.40194	1981.17	9918242	5.951256	0.088697	8.241484	4961.951	26.39837
1962	29.19781	15.24101	2377.689	10078343	6.049179	0.088062	8.37757	4967.04	26.46331
1976	29.20099	15.0757	2645.228	10239004	6.140099	0.087329	8.512457	4971.024	26.53279
1985	29.18655	14.92332	2947.939	10400264	6.232861	0.086975	8.64609	4973.161	26.60237
2012	29.29704	14.85074	3124	10562159	6.339121	0.086638	8.778417	4974.667	26.67354
2072	29.62975	14.87575	3077.026	10724705	6.465465	0.086308	8.909398	4975.519	26.73614
2074	30.03311	14.92009	3117.33	10887882	6.578864	0.085974	9.038997	4975.765	26.80734
2097	30.28632	14.89421	3393.956	11051600	6.703808	0.085974	9.167187	4975.607	26.80734
2251	26.26199	12.74857	NA	4239154	7.550634	0.27885	8.211733	8280.781	24.60155
2369	26.7632	12.97636	NA	4087999	8.092761	0.280177	8.320464	8276.047	24.63987
2553	26.94769	13.05103	318.02	3948816	8.649504	0.281725	8.428309	8269.598	24.68742
2551	27.24176	13.03327	485.6173	3843712	9.198192	0.283615	8.535149	8261.276	24.7729
2784	27.72018	12.86502	736.9753	3780378	9.576132	0.28588	8.640872	8248.6	24.92325
2992	28.21101	12.64757	978.5167	3752431	9.911974	0.288438	8.74538	8232.615	25.10317
2913	28.10788	12.24192	1097.645	3750485	10.22937	0.291182	8.848586	8213.151	25.2871
2816	29.85226	12.6468	1246.497	3759118	10.56977	0.293107	8.950415	8190.034	25.44107
2688	31.41406	13.03395	1461.751	3766706	10.95533	0.295068	9.050803	8163.09	25.57705
2782	33.31146	13.56895	1524.412	3771284	11.4837	0.296705	9.149701	8138.097	25.69878

2787	35.19763	14.23673	1761.538	3775807	12.07744	0.296704	9.247067	8117.94	25.79552
2712	36.7694	14.77438	2214.732	3779247	12.67128	0.295777	9.342871	8103.361	25.83804
2968	38.33047	15.31709	2802.275	3781287	13.15988	0.295831	9.437096	8095.183	25.90266
2917	39.4561	15.64457	2967.834	3781530	13.48666	0.298566	9.52973	8094.32	25.95841
2882	41.17808	16.15312	3403.815	3779468	13.72868	0.302406	9.620772	8100.396	26.00035
2925	43.72716	16.85532	4180.914	3774000	13.80331	0.306807	9.710228	8107.908	26.03936
2965	43.03328	16.43856	5078.315	3763599	13.7901	0.311352	9.79811	8116.547	26.07311
2950	43.91579	16.69853	4701.334	3746561	13.80853	0.316954	9.884437	8125.908	26.11875
2960	45.07092	16.96288	4614.829	3722084	13.92685	0.321677	9.969232	8135.474	26.15749
2986	45.30905	16.94181	5054.325	3688865	14.15948	0.325079	10.05252	8144.601	26.18452
2899	46.27081	17.20537	4722.013	3648200	14.47802	0.325466	10.13434	8154.004	26.20717
3005	47.6775	17.59681	5042.582	3604999	14.8645	0.324447	10.21471	8158.756	26.24222
3031	49.33877	18.1178	5204.244	3566002	15.28356	0.322299	10.29368	8163.034	26.27503
3086	50.6487	18.39628	4584.243	3535961	15.71706	0.319343	10.37128	8166.513	26.30694
3128	50.24398	18.10311	4808.636	3516816	16.13371	0.315772	10.44755	8168.705	26.34084
3094	49.83816	17.83365	5148.209	3507017	16.56904	0.315772	10.52253	8168.827	26.34084
1814	NA	NA	61.24225	537249	3.90266	NA	2.359769	NA	NA
1753	NA	NA	64.70701	550840	3.795113	NA	2.43374	NA	NA
1813	NA	NA	67.37587	565353	3.670981	NA	2.509097	NA	NA
1842	NA	NA	71.64952	580799	3.555447	NA	2.585826	NA	NA
1851	NA	NA	76.67722	597190	3.456856	NA	2.663919	NA	NA
1792	NA	NA	83.7347	614613	3.408486	NA	2.743367	NA	NA
1860	NA	NA	92.62588	633154	3.368059	NA	2.824166	NA	NA
1902	NA	NA	101.4766	652843	3.326527	NA	2.906314	NA	NA
1860	NA	NA	114.8342	673640	3.267769	NA	2.989814	NA	NA
1881	NA	NA	138.3633	695597	3.189203	NA	3.07467	NA	NA
1965	NA	NA	176.6638	718639	3.130501	NA	3.160892	NA	NA
1979	NA	NA	222.4695	742835	3.058418	NA	3.24849	NA	NA
1841	NA	NA	317.6646	768512	2.976401	NA	3.33748	NA	NA
1723	NA	NA	384.4188	796095	2.887469	NA	3.427878	NA	NA
1807	NA	NA	430.0741	825840	2.792914	NA	3.519702	NA	NA
1781	NA	NA	433.6515	857855	2.722488	NA	3.612973	NA	NA
1872	NA	NA	506.3238	891926	2.647978	NA	3.70771	NA	NA
1721	NA	NA	636.4664	927585	2.576152	NA	3.803934	NA	NA
1859	NA	NA	850.3487	964166	2.511704	NA	3.901663	NA	NA
1793	NA	NA	1059.697	1001158	2.458653	0.128324	4.000913	4024.5	22.0266
1802	NA	NA	1034.153	1038397	2.434907	0.129138	4.101698	4014.981	22.071
1824	NA	NA	943.3197	1075889	2.41484	0.129954	4.204028	4006.652	22.12258
1895	NA	NA	1052.732	1113539	2.401981	0.130808	4.307905	3999.249	22.18472
2015	NA	NA	1077.743	1151292	2.401736	0.131686	4.413331	3992.585	22.25987
1976	NA	NA	937.4745	1189114	2.415664	0.132531	4.520296	3986.528	22.34478
1984	NA	NA	1135.167	1226810	2.453925	0.133311	4.628786	3977.018	22.43633
1995	NA	NA	1554.42	1264314	2.504283	0.134015	4.738779	3967.51	22.52698
2014	NA	NA	2031.418	1301818	2.556886	0.134649	4.850246	3957.894	22.6451
1926	NA	NA	2301.99	1339624	2.599013	0.135147	4.963149	3948.077	22.765
2025	19.38383	13.32096	2750.95	1377912	2.626075	0.13545	5.077444	3937.973	22.86553
2029	19.84338	13.48031	2783.022	1416731	2.657103	0.135547	5.19308	3927.541	22.97235
2016	20.28731	13.67069	2848.207	1455833	2.67201	0.135613	5.309998	3917.065	23.06386
1867	20.68498	13.8566	2783.238	1494693	2.680818	0.135653	5.428135	3906.54	23.15596

1984	20.86354	13.90596	2779.114	1532622	2.696099	0.135718	5.547423	3895.973	23.23952
1989	20.51214	13.58922	3014.868	1569094	2.722973	0.135701	5.66779	3885.378	23.31426
2009	19.08451	12.61846	3022.177	1604060	2.763301	0.134809	5.789163	3875.814	23.39373
1958	18.08259	11.9525	3065.527	1637635	2.808379	0.13391	5.911466	3867.366	23.46903
1871	17.5874	11.63395	2869.183	1669625	2.856869	0.133047	6.034626	3860.14	23.53497
1906	17.74721	11.70315	3226.296	1699862	2.906295	0.132063	6.158568	3854.251	23.60509
1887	18.62251	12.19803	3349.069	1728340	2.955958	0.131547	6.283222	3849.824	23.67496
1944	20.08522	13.04774	3128.098	1754935	3.022847	0.131203	6.40852	3849.829	23.72912
1919	22.21341	14.322	3055.618	1779953	3.087722	0.131058	6.534399	3853.54	23.78461
1861	24.47162	15.67275	4163.066	1804339	3.149464	0.130594	6.660798	3861.19	23.84907
1939	26.1765	16.67451	4896.584	1829330	3.206365	0.130389	6.787665	3873.028	23.92034
1937	27.12499	17.16245	5351.254	1855852	3.256402	0.130292	6.91495	3889.312	24.00227
1885	27.8057	17.3417	5374.555	1884238	3.318424	0.130544	7.042609	3907.17	24.10921
1905	29.05963	17.76176	5714.048	1914414	3.376333	0.130636	7.170603	3923.509	24.20624
1931	31.69475	18.80749	5623.38	1946351	3.428672	0.131226	7.298897	3937.851	24.31741
1937	33.03766	19.16578	5185.73	1979882	3.472884	0.130707	7.427458	3949.659	24.44715
1981	33.40548	18.9863	6346.156	2014866	3.50862	0.130032	7.55626	3958.321	24.60241
2015	34.19046	19.06807	7483.879	2051339	3.545879	0.129255	7.685275	3963.147	24.77604
2093	34.48208	19.00616	6901.972	2089315	3.573946	0.128197	7.81448	3966.787	24.93353
2078	35.01347	19.11899	7001.034	2128507	3.604216	0.127188	7.943852	3968.761	25.11194
2138	35.42223	19.17819	7493.753	2168573	3.652217	0.126	8.073366	3970.093	25.29574
2123	35.1809	18.91484	6521.146	2209197	3.725969	0.124943	8.202999	3970.781	25.46765
2113	34.22492	18.28209	6954.144	2250260	3.823558	0.123832	8.332724	3970.906	25.6391
2091	33.64906	17.84258	7595.611	2291661	3.94129	0.123832	8.462515	3970.731	25.6391
1836	NA	NA	204.9293	74351763	3.198165	NA	2.361759	NA	NA
1895	NA	NA	260.2253	76573248	3.244346	NA	2.42516	NA	NA
1882	NA	NA	291.9506	78854019	3.286071	NA	2.489833	NA	NA
1968	NA	NA	261.3311	81168654	3.319689	NA	2.555813	NA	NA
1970	NA	NA	260.9647	83498020	3.344416	NA	2.623137	NA	NA
1998	NA	NA	315.2774	85837799	3.368517	NA	2.691846	NA	NA
2031	NA	NA	346.8801	88191378	3.387134	NA	2.761984	NA	NA
2077	NA	NA	374.0833	90557064	3.403623	NA	2.833597	NA	NA
2056	NA	NA	403.0653	92935072	3.421746	NA	2.906735	NA	NA
2024	NA	NA	444.0263	95326793	3.444	NA	2.981451	NA	NA
2049	NA	NA	503.4788	97728961	3.483137	NA	3.057798	NA	NA
1998	NA	NA	584.5507	1E+08	3.520539	NA	3.135834	NA	NA
1980	NA	NA	772.8188	1.03E+08	3.55686	NA	3.215619	NA	NA
2061	NA	NA	1000.634	1.05E+08	3.59259	NA	3.297213	NA	NA
2039	NA	NA	1149.586	1.08E+08	3.627727	NA	3.38068	NA	NA
2070	NA	NA	1385.299	1.1E+08	3.666297	NA	3.466083	NA	NA
2120	NA	NA	1560.863	1.13E+08	3.699838	NA	3.553486	NA	NA
2149	NA	NA	1737.368	1.16E+08	3.727961	NA	3.642955	NA	NA
2213	NA	NA	1901.001	1.18E+08	3.749415	NA	3.734553	NA	NA
2192	NA	NA	1939.791	1.21E+08	3.76438	0.289888	3.828343	2705.939	24.01581
2140	NA	NA	2124.963	1.24E+08	3.782824	0.287549	3.924386	2706.076	24.05025
2176	NA	NA	2218.891	1.27E+08	3.794839	0.284777	4.022737	2706.196	24.07638
2158	NA	NA	1565.298	1.3E+08	3.803529	0.281725	4.123448	2706.302	24.10548
2143	NA	NA	1573.967	1.33E+08	3.812882	0.278472	4.226566	2706.398	24.12523
2197	NA	NA	1643.197	1.36E+08	3.826101	0.275068	4.332128	2706.485	24.14598

2223	NA	NA	1936.016	1.38E+08	3.86476	0.271541	4.440162	2706.621	24.16731
2238	NA	NA	2081.665	1.41E+08	3.903472	0.267115	4.550686	2706.758	24.19607
2243	NA	NA	2294.402	1.44E+08	3.944411	0.262747	4.663705	2706.896	24.22035
2277	NA	NA	2901.285	1.47E+08	3.990249	0.256996	4.779208	2707.037	24.24946
2264	29.75225	15.27831	3093.037	1.49E+08	4.042532	0.24885	4.897171	2707.182	24.27793
2331	30.12339	15.19169	3966.795	1.52E+08	4.139467	0.241173	5.017553	2706.031	24.30779
2300	31.39025	15.55298	2591.797	1.55E+08	4.237029	0.232894	5.140293	2703.461	24.3486
2298	33.03989	16.11776	2786.171	1.57E+08	4.331649	0.224869	5.265314	2699.343	24.38518
2328	34.19338	16.38392	3494.641	1.6E+08	4.417849	0.217169	5.392522	2693.537	24.42806
2311	35.18052	16.51144	4740.12	1.62E+08	4.493426	0.209977	5.521803	2685.888	24.48615
2356	36.03588	16.59075	5156.809	1.65E+08	4.611813	0.203447	5.65303	2677.568	24.54727
2372	36.68257	16.61053	5271.412	1.68E+08	4.719659	0.196419	5.786058	2669.933	24.60929
2384	37.60846	16.81165	5075.631	1.7E+08	4.82494	0.189993	5.920731	2663.176	24.68709
2493	38.4702	16.90897	3469.502	1.73E+08	4.938169	0.18199	6.056881	2657.518	24.77315
2514	39.01682	16.79141	3739.116	1.75E+08	5.065245	0.175173	6.194332	2653.21	24.86347
2526	39.65097	16.72331	3146.949	1.78E+08	5.220856	0.169076	6.332903	2653.786	24.93179
2557	40.16863	16.69702	2819.648	1.8E+08	5.391161	0.163324	6.47241	2658.411	25.00357
2682	40.46904	16.66754	3059.587	1.82E+08	5.568541	0.157144	6.612669	2667.392	25.09577
2696	40.69658	16.55986	3623.05	1.85E+08	5.741907	0.150983	6.753498	2681.046	25.18111
2685	40.26776	16.13685	4770.184	1.87E+08	5.906694	0.144411	6.89472	2699.695	25.25251
2707	40.7597	16.06281	5860.146	1.89E+08	6.069761	0.139601	7.036165	2720.362	25.31099
2716	40.90053	15.90339	7313.558	1.91E+08	6.224719	0.135309	7.177674	2739.544	25.37374
2789	40.98664	15.77882	8787.611	1.93E+08	6.380334	0.130711	7.319095	2756.738	25.43149
2783	41.0645	15.66737	8553.381	1.95E+08	6.548051	0.124163	7.460289	2771.367	25.48453
2840	41.2558	15.55273	11224.15	1.97E+08	6.73438	0.116588	7.60113	2782.774	25.55135
2897	41.50891	15.38478	13167.47	1.99E+08	6.951561	0.108307	7.741503	2790.211	25.621
2861	41.11036	15.06234	12291.47	2.01E+08	7.180183	0.099904	7.881307	2796.445	25.67778
2876	40.76077	14.82239	12216.9	2.02E+08	7.422776	0.092076	8.020452	2799.722	25.75499
2913	40.13775	14.52492	12026.62	2.04E+08	7.682078	0.084993	8.158861	2802.205	25.82655
2858	40.31333	14.47632	8750.223	2.06E+08	7.960423	0.079638	8.29647	2803.816	25.89456
2854	41.25574	14.63032	8639.366	2.08E+08	8.247332	0.07624	8.433222	2804.519	25.96152
2867	41.65102	14.5985	9821.408	2.09E+08	8.55238	0.07624	8.569073	2804.37	25.96152
1590	NA	NA	NA	85596	3.906725	NA	5.042407	NA	NA
1611	NA	NA	NA	89516	3.857411	NA	5.147382	NA	NA
1669	NA	NA	NA	93576	3.8076	NA	5.253199	NA	NA
1577	NA	NA	NA	97848	3.762979	NA	5.359826	NA	NA
1664	NA	NA	1113.402	102425	3.726629	NA	5.467235	NA	NA
1836	NA	NA	1237.079	107316	3.670469	NA	5.575398	NA	NA
1890	NA	NA	1235.892	112494	3.625082	NA	5.684295	NA	NA
1746	NA	NA	1363.453	117950	3.597287	NA	5.793906	NA	NA
1874	NA	NA	1303.739	123653	3.580989	NA	5.904214	NA	NA
1757	NA	NA	1381.972	129583	3.570684	NA	6.015206	NA	NA
1862	NA	NA	1455.308	135726	3.557167	NA	6.126872	NA	NA
1755	NA	NA	1906.193	142073	3.536914	NA	6.239202	NA	NA
1684	NA	NA	2915.267	148560	3.517771	NA	6.352191	NA	NA
1686	NA	NA	6921.436	155109	3.514303	NA	6.465832	NA	NA
1724	NA	NA	7226.431	161671	3.522586	NA	6.580121	NA	NA
1765	NA	NA	8459.324	168224	3.430545	NA	6.695051	NA	NA
1754	NA	NA	9914.124	174773	3.324312	NA	6.810619	NA	NA



1952	NA	NA	10711.87	181257	3.19767	NA	6.926815	NA	NA
2016	NA	NA	14941.06	187656	3.0444	NA	7.043631	NA	NA
2187	NA	NA	25412.99	193949	2.860546	0.193114	7.161055	4931.93	22.32068
2124	NA	NA	21821.79	200085	2.858785	0.194367	7.279072	4928.781	22.37229
2161	NA	NA	20687.4	206128	2.852596	0.195263	7.397661	4926.024	22.42769
2234	NA	NA	18123.86	212136	2.838745	0.196042	7.516801	4923.575	22.48811
2358	NA	NA	17332.97	218227	2.826873	0.197042	7.636462	4921.37	22.55121
2554	NA	NA	15694.54	224512	2.823012	0.198505	7.756614	4919.365	22.61581
2454	NA	NA	10211.6	230972	2.802504	0.200476	7.877218	4916.219	22.66569
2399	NA	NA	11591.79	237622	2.778362	0.202972	7.998233	4913.072	22.71663
2558	NA	NA	11006.87	244458	2.746893	0.205686	8.119613	4909.89	22.76677
2604	NA	NA	11869.99	251514	2.702434	0.2009	8.241309	4906.642	22.81906
2544	41.25099	15.52489	13604.16	258785	2.642734	0.196147	8.363267	4903.298	22.8732
2438	40.56201	15.06592	13901.72	266274	2.635255	0.191736	8.485431	4899.726	22.91809
2525	40.22452	14.73564	15270.49	273963	2.627362	0.187347	8.607743	4896.007	22.95675
2502	39.97932	14.42264	14572.11	281751	2.624303	0.182886	8.730144	4892.127	22.98894
2588	39.82646	14.05418	14117.39	289525	2.632588	0.178399	8.852574	4888.077	23.00764
2550	39.65216	13.7593	15929.16	297192	2.655859	0.173671	8.974972	4883.846	23.03872
2680	39.96157	13.57676	16789.04	304699	2.59863	0.168443	9.09728	4878.777	23.08011
2583	40.91122	13.54458	16656.09	312038	2.544882	0.162974	9.219441	4872.923	23.12145
2664	41.92337	13.61874	12690.69	319222	2.496069	0.157482	9.3414	4866.224	23.16555
2602	43.67945	13.88648	14097.93	326289	2.448749	0.152574	9.463105	4858.619	23.2061
2568	45.52902	14.29223	18008.45	333241	2.398564	0.148119	9.584507	4850.042	23.25121
2611	47.14832	14.48592	16468.13	340117	2.518545	0.14457	9.705563	4844.863	23.30489
2662	49.39755	14.83335	16846.02	346867	2.631844	0.142118	9.826231	4844.117	23.36161
2636	51.54302	15.14297	18555.57	353389	2.739474	0.140141	9.946474	4848.279	23.42111
2673	54.16592	15.58059	21896.61	359523	2.850722	0.138343	10.06626	4857.872	23.48338
2665	56.55716	15.97601	26102.13	365158	2.973234	0.136889	10.18556	4873.471	23.53823
2642	58.87809	16.37668	30980.97	370250	3.098447	0.135447	10.30434	4892.63	23.59609
2613	60.8088	16.66705	32672.37	374864	3.20783	0.13421	10.42259	4910.92	23.65622
2612	62.60737	16.9348	37951.28	379252	3.294379	0.133288	10.54029	4927.86	23.6891
2585	64.8496	17.34046	27965.48	383772	3.358765	0.13241	10.65741	4942.88	23.71482
2587	67.39827	17.82695	35268.1	388662	3.402185	0.131569	10.77394	4955.312	23.73904
2634	69.29902	18.27234	47017.03	394013	3.494301	0.13085	10.88987	4964.376	23.7774
2671	70.34949	18.46658	47651.26	399748	3.600268	0.130139	11.00519	4972.521	23.82361
2694	72.04926	18.77104	44597.28	405716	3.728963	0.129486	11.11987	4976.738	23.86726
2972	NA	NA	NA	7943118	7.703381	NA	8.979074	NA	NA
3012	NA	NA	NA	8012946	7.853145	NA	9.05633	NA	NA
3068	NA	NA	NA	8078145	8.023929	NA	9.133931	NA	NA
3085	NA	NA	NA	8144340	8.211864	NA	9.211848	NA	NA
3172	NA	NA	NA	8204168	8.416741	NA	9.290056	NA	NA
3214	NA	NA	NA	8258057	8.64114	NA	9.368531	NA	NA
3181	NA	NA	NA	8310226	8.870906	NA	9.447252	NA	NA
3131	NA	NA	NA	8369603	9.10785	NA	9.526203	NA	NA
3131	NA	NA	NA	8434172	9.355892	NA	9.605371	NA	NA
3098	NA	NA	NA	8489574	9.617729	NA	9.684751	NA	NA
3171	NA	NA	NA	8536395	9.880689	NA	9.76434	NA	NA
3131	NA	NA	NA	8576200	10.13499	NA	9.844143	NA	NA
3119	NA	NA	NA	8620967	10.38125	NA	9.924172	NA	NA

3095	NA	NA	NA	8678745	10.62324	NA	10.00444	NA	NA
3150	NA	NA	NA	8720742	10.86411	NA	10.08498	NA	NA
3222	NA	NA	NA	8758599	11.13183	NA	10.16581	NA	NA
3136	NA	NA	NA	8804183	11.40401	NA	10.24696	NA	NA
3195	NA	NA	NA	8814032	11.6459	NA	10.32847	NA	NA
3222	NA	NA	NA	8825940	11.80226	NA	10.41039	NA	NA
3220	NA	NA	2238.803	8861535	11.84743	0.388073	10.49275	7672.514	26.08568
3285	NA	NA	2234.815	8891117	11.79434	0.382135	10.5756	7679.156	26.15382
3267	NA	NA	2169.004	8917457	11.63101	0.37624	10.65896	7684.967	26.21142
3237	NA	NA	1852.813	8939738	11.43366	0.370397	10.74289	7690.132	26.26555
3224	NA	NA	1963.573	8960679	11.31105	0.364726	10.82741	7694.781	26.31785
3224	NA	NA	1914.551	8960547	11.32596	0.359334	10.91255	7699.007	26.3628
3278	NA	NA	2260.427	8958171	11.5813	0.354332	10.99832	7705.642	26.40534
3306	NA	NA	3132.301	8971359	11.93715	0.349737	11.08473	7712.276	26.44915
3330	NA	NA	2511.393	8981446	12.35184	0.345646	11.17177	7718.985	26.48263
3269	NA	NA	2477.021	8876972	12.76483	0.344139	11.25941	7725.835	26.50798
2853	47.33493	16.66893	2366.53	8718289	13.14353	0.342732	11.34763	7732.884	26.52808
2788	47.83646	16.68876	1267.734	8632367	13.57698	0.341408	11.43636	7739.486	26.54319
2711	48.83852	17.13605	1211.981	8540164	13.98125	0.34027	11.52554	7745.379	26.52359
2654	46.79493	16.58541	1278.247	8472313	14.36526	0.339454	11.61508	7750.502	26.4678
2586	49.20176	17.34268	1148.494	8443591	14.73856	0.339015	11.70488	7754.775	26.40589
2609	50.56359	17.68997	1554.047	8406067	15.10474	0.338781	11.79481	7758.11	26.34457
2470	52.02431	17.96807	1208.875	8362826	15.48418	0.338677	11.88475	7756.935	26.27364
2399	55.75382	18.9384	1346.911	8312068	15.83761	0.338561	11.97454	7751.585	26.20167
2555	51.72659	17.66312	1809.684	8256786	16.15171	0.337641	12.06405	7741.745	26.14215
2592	52.22849	17.76338	1648.105	8210624	16.40737	0.337972	12.1531	7727.077	26.07602
2539	53.84551	18.02211	1609.882	8170172	16.59264	0.338603	12.24152	7707.22	26.02986
2520	53.75943	17.70372	1757.444	8009142	16.8529	0.338704	12.32916	7687.823	25.99701
2488	54.678	17.81878	2076.831	7837161	17.04063	0.338314	12.41585	7672.806	25.97993
2471	54.72252	17.73927	2698.624	7775327	17.17253	0.337302	12.50142	7662.947	25.98221
2471	55.72113	17.98122	3363.8	7716860	17.27139	0.33649	12.58574	7659.124	25.99043
2408	57.27008	18.4526	3869.529	7658972	17.35404	0.335588	12.66865	7662.323	26.01173
2434	58.32219	18.79184	4490.202	7601022	17.48863	0.33495	12.75003	7671.693	26.0408
2429	57.70688	18.5932	5885.949	7545338	17.60724	0.334746	12.82976	7681.717	26.08374
2478	57.15976	18.30783	7261.754	7492561	17.73196	0.335336	12.90776	7692.055	26.1527
2493	57.62405	18.17067	6969.559	7444443	17.89633	0.337404	12.98393	7702.268	26.22565
2524	59.93072	18.50313	6843.267	7395599	18.12307	0.337754	13.05822	7711.794	26.30564
2512	60.86227	18.57325	7813.807	7348328	18.46871	0.337026	13.13057	7719.934	26.37982
2518	60.18927	18.23406	7378.025	7305888	18.87433	0.333454	13.20097	7727.963	26.44939
2570	60.43549	18.02517	7646.84	7265115	19.30754	0.327859	13.2694	7732.056	26.51615
2639	66.11108	19.2375	7864.761	7223938	19.71834	0.322091	13.33586	7735.623	26.57364
2501	65.55285	18.72983	6993.783	7177991	20.07647	0.317311	13.40037	7738.417	26.61535
2593	65.87561	18.50103	7469.456	7127822	20.47435	0.313038	13.46297	7740.093	26.6653
2578	65.75329	18.26137	8227.96	7075991	20.80092	0.313038	13.52369	7740.136	26.6653
1306	NA	NA	71.55818	4894580	2.393116	NA	0.144854	NA	NA
1284	NA	NA	76.52061	4960326	2.444114	NA	0.153342	NA	NA
1432	NA	NA	78.37207	5027821	2.484834	NA	0.16234	NA	NA
1537	NA	NA	80.47277	5098890	2.515685	NA	0.171875	NA	NA
1557	NA	NA	81.72512	5174870	2.53732	NA	0.181974	NA	NA

1542	NA	NA	82.54564	5256363	2.605357	NA	0.192666	NA	NA
1570	NA	NA	84.36316	5343019	2.662427	NA	0.203978	NA	NA
1576	NA	NA	84.73305	5434041	2.708279	NA	0.215941	NA	NA
1580	NA	NA	86.52021	5528174	2.74322	NA	0.228582	NA	NA
1520	NA	NA	81.4999	5624600	2.768144	NA	0.241931	NA	NA
1498	NA	NA	84.28782	5723381	2.831893	NA	0.256015	NA	NA
1428	NA	NA	99.32676	5825173	2.885339	NA	0.270864	NA	NA
1415	NA	NA	113.7806	5930483	2.928564	NA	0.286503	NA	NA
1445	NA	NA	124.359	6040041	2.961371	NA	0.30296	NA	NA
1487	NA	NA	152.7282	6154545	2.983681	NA	0.320262	NA	NA
1540	NA	NA	155.649	6274037	3.04646	NA	0.338433	NA	NA
1364	NA	NA	176.7834	6398935	3.096468	NA	0.357497	NA	NA
1534	NA	NA	225.9417	6530819	3.134354	NA	0.377477	NA	NA
1634	NA	NA	262.076	6671656	3.160939	NA	0.398396	NA	NA
1525	NA	NA	282.6857	6822843	3.176901	0.108684	0.420275	7504.431	21.07593
1462	NA	NA	254.2308	6985160	3.224722	0.109145	0.443133	7501.862	21.09199
1623	NA	NA	245.0947	7158255	3.264483	0.109584	0.466991	7499.615	21.11157
1550	NA	NA	217.9948	7340905	3.295466	0.109983	0.491867	7497.617	21.13317
1505	NA	NA	193.8432	7531242	3.316757	0.110331	0.517781	7495.819	21.15911
1685	NA	NA	200.8944	7727907	3.328314	0.110662	0.54475	7494.185	21.19032
2002	NA	NA	256.7623	7930694	3.339065	0.111098	0.572794	7491.618	21.22867
1988	NA	NA	291.132	8140073	3.339933	0.111552	0.601933	7489.053	21.27117
1993	NA	NA	313.0619	8356305	3.331042	0.112071	0.632187	7486.458	21.32339
2049	NA	NA	304.8534	8579823	3.311956	0.112498	0.663578	7483.809	21.38179
2160	26.99937	20.33794	351.9793	8811034	3.282906	0.113194	0.69613	7481.082	21.44316
2188	26.87903	20.17914	346.4107	9050084	3.255881	0.114002	0.729869	7478.22	21.51494
2251	26.98063	20.17603	240.9635	9297113	3.217719	0.115157	0.764823	7475.294	21.59314
2271	26.99679	20.11701	244.1271	9552476	3.170298	0.116646	0.801025	7472.298	21.66276
2306	27.10326	20.12801	193.0702	9816588	3.114667	0.118476	0.838508	7469.229	21.72679
2303	27.27894	20.1917	235.8322	10089878	3.052098	0.120691	0.877311	7466.084	21.78202
2287	27.3447	20.12445	249.3603	10372745	3.006022	0.123361	0.917476	7461.73	21.83175
2256	27.58314	20.15374	229.4931	10665546	2.952113	0.12648	0.959049	7456.102	21.87624
2237	27.95856	20.25557	255.7182	10968724	2.892588	0.129906	1.00208	7449.094	21.91491
2288	27.72088	19.89733	265.3401	11282701	2.829624	0.129529	1.046622	7440.584	21.98617
2285	27.43787	19.53859	226.476	11607942	2.764874	0.128792	1.092734	7430.443	22.05237
2282	27.32837	19.27259	235.4912	11944587	2.730484	0.127545	1.140479	7422.337	22.11671
2349	27.27939	19.01337	260.7635	12293100	2.692299	0.125657	1.189923	7417.697	22.17972
2449	27.45387	18.93266	332.3443	12654621	2.651379	0.116099	1.241134	7416.952	22.21761
2471	27.68945	18.89424	371.3231	13030569	2.609027	0.111064	1.294188	7420.584	22.2656
2406	27.72439	18.73588	406.9988	13421930	2.565831	0.106657	1.349161	7429.126	22.32359
2499	27.83422	18.68103	420.5825	13829177	2.552466	0.103135	1.406133	7441.406	22.39428
2491	27.73423	18.53229	475.11	14252021	2.536398	0.100521	1.465187	7453.772	22.4708
2539	27.68955	18.43164	569.7613	14689726	2.517297	0.098631	1.526406	7465.917	22.55838
2591	27.63766	18.32208	552.7456	15141099	2.494396	0.097131	1.589878	7477.467	22.64285
2628	28.09181	18.53171	575.4465	15605217	2.467912	0.095556	1.655689	7487.969	22.73728
2592	28.30863	18.61667	666.8404	16081904	2.461207	0.094272	1.723928	7496.883	22.83569
2636	28.74321	18.84046	673.8228	16571216	2.450925	0.092832	1.794683	7505.49	22.93562
2647	29.14338	19.09784	699.7815	17072723	2.437971	0.091311	1.868041	7509.871	23.02527
2633	29.59545	19.38034	703.8217	17585977	2.423277	0.090752	1.944089	7513.637	23.1045

2639	29.96268	19.5728	575.3145	18110624	2.407874	0.089024	2.022912	7516.556	23.16277
2638	30.35407	19.72723	583.8309	18646433	2.409753	0.087206	2.10459	7518.291	23.20888
2632	30.52803	19.70339	642.0371	19193382	2.408627	0.087206	2.189204	7518.319	23.20888
1503	NA	NA	NA	205956	4.930179	NA	NA	NA	NA
1397	NA	NA	NA	210867	4.812038	NA	NA	NA	NA
1330	NA	NA	NA	216908	4.681708	NA	NA	NA	NA
1455	NA	NA	NA	223846	4.541515	NA	NA	NA	NA
1502	NA	NA	NA	231428	4.391431	NA	NA	NA	NA
1440	NA	NA	NA	239770	4.293281	NA	NA	NA	NA
1475	NA	NA	NA	248747	4.185779	NA	NA	NA	NA
1394	NA	NA	NA	257509	4.089177	NA	NA	NA	NA
1466	NA	NA	NA	264909	4.023646	NA	NA	NA	NA
1463	NA	NA	NA	270198	4.007432	NA	NA	NA	NA
1466	NA	NA	NA	272992	4.1895	NA	NA	NA	NA
1554	NA	NA	NA	273651	4.397938	NA	NA	NA	NA
1590	NA	NA	NA	273005	4.606875	NA	NA	NA	NA
1540	NA	NA	NA	272292	4.786406	NA	NA	NA	NA
1632	NA	NA	NA	272423	4.913315	NA	NA	NA	NA
1591	NA	NA	NA	273652	5.011474	NA	NA	NA	NA
1596	NA	NA	NA	275767	5.06297	NA	NA	NA	NA
1989	NA	NA	NA	278739	5.076434	NA	NA	NA	NA
2044	NA	NA	NA	282415	5.056743	NA	NA	NA	NA
1987	NA	NA	496.2268	286657	5.009122	NA	NA	NA	NA
2144	NA	NA	478.2824	291602	4.963958	NA	NA	NA	NA
1983	NA	NA	473.0503	297285	4.911449	NA	NA	NA	NA
2197	NA	NA	456.4629	303368	4.848237	NA	NA	NA	NA
2248	NA	NA	426.6979	309397	4.766045	NA	NA	NA	NA
2088	NA	NA	437.1365	315069	4.665962	NA	NA	NA	NA
2237	NA	NA	595.4445	320183	4.575821	NA	NA	NA	NA
2444	NA	NA	724.0943	324893	4.468548	NA	NA	NA	NA
2504	NA	NA	801.7331	329671	4.371024	NA	NA	NA	NA
2305	NA	NA	797.9155	335184	4.316733	NA	NA	NA	NA
2211	NA	NA	897.6495	341883	4.321069	NA	NA	NA	NA
2100	NA	NA	913.9639	349934	4.3191	NA	NA	NA	NA
2336	NA	NA	994.628	359090	4.364922	NA	NA	NA	NA
2270	NA	NA	1328.994	369014	4.437772	NA	NA	NA	NA
2251	NA	NA	1072.331	379156	4.512127	NA	NA	NA	NA
2126	NA	NA	1251.902	389127	4.578197	NA	NA	NA	NA
2130	NA	NA	1258.809	398773	4.673837	NA	NA	NA	NA
2146	NA	NA	1201.957	408175	4.761438	NA	NA	NA	NA
2149	NA	NA	1250.615	417323	4.849721	NA	NA	NA	NA
2134	NA	NA	1389.72	426285	4.952555	NA	NA	NA	NA
2156	NA	NA	1239.378	435079	5.073332	NA	NA	NA	NA
2141	NA	NA	1268.885	443716	5.212343	NA	NA	NA	NA
2116	NA	NA	1373.516	452106	5.361574	NA	NA	NA	NA
2196	NA	NA	1768.921	460147	5.508457	NA	NA	NA	NA
2292	NA	NA	1976.459	467664	5.629897	NA	NA	NA	NA
2304	NA	NA	2048.135	474567	5.714894	NA	NA	NA	NA
2301	NA	NA	2304.29	480795	5.704302	NA	NA	NA	NA

2370	NA	NA	3112.286	486438	5.662798	NA	NA	NA	NA
2331	NA	NA	3638.906	491723	5.599087	NA	NA	NA	NA
2347	NA	NA	3444.557	496963	5.517916	NA	NA	NA	NA
2329	NA	NA	3312.826	502384	5.421749	NA	NA	NA	NA
2368	NA	NA	3670.429	508067	5.214273	NA	NA	NA	NA
2400	NA	NA	3408.483	513979	4.990671	NA	NA	NA	NA
2426	NA	NA	3557.871	520106	4.772873	NA	NA	NA	NA
2312	NA	NA	3532.994	526437	4.593712	NA	NA	NA	NA
2330	NA	NA	2996.362	532913	4.471274	NA	NA	NA	NA
2342	NA	NA	3082.157	539560	4.441026	NA	NA	NA	NA
2347	NA	NA	3244.41	546388	4.459651	NA	NA	NA	NA
1863	NA	NA	109.4595	5873015	2.545439	NA	1.265475	NA	NA
1833	NA	NA	109.479	6028551	2.55053	NA	1.31168	NA	NA
1902	NA	NA	117.8204	6183747	2.5437	NA	1.359054	NA	NA
1875	NA	NA	123.6432	6331583	2.531152	NA	1.407574	NA	NA
1885	NA	NA	134.3042	6467197	2.516438	NA	1.457215	NA	NA
1900	NA	NA	138.8486	6584766	2.54085	NA	1.50795	NA	NA
1931	NA	NA	144.0256	6685321	2.559339	NA	1.559748	NA	NA
1966	NA	NA	157.2146	6778723	2.570735	NA	1.612578	NA	NA
1966	NA	NA	142.295	6879184	2.571788	NA	1.666409	NA	NA
2040	NA	NA	102.7043	6994848	2.560699	NA	1.721206	NA	NA
2013	NA	NA	135.8848	7137749	2.590523	NA	1.776938	NA	NA
1974	NA	NA	69.25191	7300152	2.605316	NA	1.833573	NA	NA
1904	NA	NA	94.38328	7447285	2.608373	NA	1.891082	NA	NA
1875	NA	NA	78.13182	7531424	2.608179	NA	1.949438	NA	NA
1572	NA	NA	NA	7522593	2.611839	NA	2.008616	NA	NA
1497	NA	NA	NA	7402873	2.658819	NA	2.068595	NA	NA
1513	NA	NA	NA	7194279	2.705525	NA	2.129359	NA	NA
1561	NA	NA	NA	6955566	2.743314	NA	2.190897	NA	NA
1595	NA	NA	NA	6768724	2.750976	NA	2.253201	NA	NA
1655	NA	NA	NA	6692107	2.709924	0.261614	2.316272	5621.465	20.77809
1752	NA	NA	NA	6748193	2.786553	0.25652	2.380112	5624.733	20.77919
1793	NA	NA	NA	6918101	2.816683	0.252376	2.444734	5627.593	20.78186
1863	NA	NA	NA	7168236	2.815909	0.249303	2.510153	5630.135	20.78616
1833	NA	NA	NA	7446019	2.811073	0.246842	2.576392	5632.424	20.79348
1772	NA	NA	NA	7712978	2.815385	0.244807	2.643479	5634.504	20.80151
1755	NA	NA	NA	7958976	2.81648	0.24279	2.711447	5637.769	20.81024
1884	NA	NA	NA	8196037	2.841007	0.241382	2.780335	5641.034	20.82148
1920	NA	NA	NA	8433798	2.874482	0.240539	2.850186	5644.336	20.83611
1867	NA	NA	NA	8689152	2.896704	0.240759	2.921046	5647.707	20.85116
1912	19.36807	13.67064	NA	8973342	2.900714	0.241149	2.992965	5651.177	20.86463
1980	19.48273	13.72068	NA	9286976	2.940968	0.241954	3.065996	5652.923	20.87922
1999	19.65919	13.81984	NA	9621504	2.964931	0.242678	3.140194	5652.681	20.89485
2010	19.96476	14.02312	254.1791	9968275	2.980696	0.243395	3.215614	5650.27	20.90978
2017	20.32174	14.24201	270.6092	10315376	3.001132	0.243969	3.292312	5645.491	20.92529
2018	20.69677	14.4416	323.01	10653558	3.032161	0.244454	3.370345	5638.121	20.94195
1862	21.16818	14.69156	319.3633	10980273	3.03681	0.244272	3.449766	5629.644	20.95912
1844	21.51797	14.871	304.838	11295880	3.045783	0.24376	3.53063	5621.965	20.97929
1917	21.82535	15.03044	269.0546	11597739	3.059243	0.242909	3.612988	5615.338	21.00279

1986	22.14868	15.17113	295.9736	11883636	3.071871	0.240531	3.696889	5610.057	21.02923
2033	22.49264	15.28634	302.649	12152354	3.080037	0.236669	3.78238	5606.457	21.05457
2056	22.90656	15.37436	321.2263	12402473	3.153774	0.232867	3.869506	5607.812	21.08127
2079	23.32295	15.43284	339.0677	12634729	3.218146	0.228444	3.958306	5612.945	21.10961
2092	23.68156	15.43505	362.4214	12853124	3.276161	0.223213	4.04882	5622.126	21.13787
2051	24.04224	15.4323	408.6105	13063377	3.331627	0.217032	4.141085	5635.628	21.16683
2160	24.34375	15.38555	474.2239	13270201	3.386851	0.210633	4.235134	5653.722	21.19809
2210	24.59517	15.35138	539.8792	13474489	3.458654	0.204337	4.331001	5673.572	21.22516
2218	24.7657	15.30324	631.6758	13676693	3.528243	0.200415	4.428717	5692.005	21.25949
2223	24.87849	15.25104	745.7878	13880509	3.596741	0.197503	4.528314	5708.549	21.30174
2235	25.06501	15.2598	738.2327	14090208	3.664694	0.195178	4.629822	5722.662	21.34613
2236	25.37251	15.32564	785.6929	14308740	3.733404	0.193059	4.733273	5733.732	21.39283
2249	25.76126	15.36134	882.4901	14537886	3.796769	0.191224	4.838698	5741.065	21.44344
2256	26.14954	15.37176	951.1112	14776866	3.861184	0.189264	4.946132	5747.259	21.48676
2295	26.57426	15.37904	1013.666	15022692	3.931566	0.187251	5.055608	5750.507	21.53448
2287	27.05426	15.4004	1093.762	15270790	4.015955	0.185651	5.167161	5752.987	21.5793
2279	27.58381	15.43708	1163.19	15517635	4.119313	0.185291	5.280828	5754.619	21.6263
2277	28.08299	15.46264	1269.907	15762370	4.2587	0.185713	5.396646	5755.355	21.67715
2277	28.28666	15.37146	1384.423	16005373	4.412306	0.185713	5.514651	5755.218	21.67715
1991	NA	NA	124.4217	5285231	3.634108	NA	1.066516	NA	NA
1998	NA	NA	129.5155	5399922	3.653645	NA	1.126154	NA	NA
2042	NA	NA	131.0835	5520332	3.663095	NA	1.188406	NA	NA
2046	NA	NA	138.5655	5646316	3.664478	NA	1.253276	NA	NA
1937	NA	NA	140.9075	5777834	3.659261	NA	1.320762	NA	NA
2009	NA	NA	144.2521	5915123	3.68153	NA	1.390845	NA	NA
2011	NA	NA	154.1756	6058539	3.696419	NA	1.463498	NA	NA
2077	NA	NA	169.6246	6208282	3.703972	NA	1.538681	NA	NA
2119	NA	NA	181.0678	6364569	3.703927	NA	1.616345	NA	NA
2126	NA	NA	177.7064	6527635	3.69653	NA	1.696427	NA	NA
2178	NA	NA	184.2398	6697745	3.714579	NA	1.778855	NA	NA
2218	NA	NA	208.1315	6875228	3.724196	NA	1.863547	NA	NA
2198	NA	NA	249.0903	7060603	3.726509	NA	1.950412	NA	NA
2299	NA	NA	310.9114	7254468	3.72234	NA	2.03935	NA	NA
2284	NA	NA	369.1347	7457362	3.712761	NA	2.130253	NA	NA
2237	NA	NA	401.1493	7669445	3.722121	NA	2.223009	NA	NA
2211	NA	NA	426.6103	7890969	3.724333	NA	2.317498	NA	NA
2179	NA	NA	542.9246	8122529	3.720122	NA	2.413597	NA	NA
2206	NA	NA	694.7471	8364835	3.709888	NA	2.511184	NA	NA
2180	NA	NA	782.1397	8618354	3.694395	0.073927	2.610133	5679.783	24.00004
2112	NA	NA	859.6569	8883016	3.694139	0.073496	2.710324	5680.797	24.04307
2107	NA	NA	799.57	9158566	3.685992	0.073137	2.811637	5681.684	24.08223
2061	NA	NA	781.5619	9445003	3.67174	0.07281	2.913963	5682.473	24.11754
2008	NA	NA	800.8261	9742263	3.653309	0.072488	3.017198	5683.183	24.15635
2043	NA	NA	810.7667	10050023	3.632101	0.07217	3.12125	5683.828	24.19631
2107	NA	NA	1024.388	10368300	3.622928	0.071872	3.226042	5684.841	24.23453
1968	NA	NA	1150.164	10696274	3.609799	0.07159	3.331508	5685.854	24.26613
1928	NA	NA	1132.478	11031817	3.593243	0.071356	3.437601	5686.878	24.30333
1975	NA	NA	979.5901	11372160	3.573666	0.071292	3.544291	5687.924	24.34044
1971	20.96837	15.53956	951.8882	11715218	3.552106	0.071258	3.651567	5689	24.36788

1952	21.25769	15.71642	1030.98	12060729	3.542149	0.071052	3.759434	5688.993	24.40352
2043	21.66149	15.98301	918.3959	12408931	3.526944	0.070892	3.867918	5687.773	24.44295
1953	22.01915	16.24601	1214.697	12758881	3.507737	0.070791	3.977064	5685.227	24.47825
1971	22.37538	16.51121	808.5761	13109660	3.485865	0.070766	4.086932	5681.235	24.51776
1985	22.70693	16.72961	716.4369	13460994	3.462218	0.070814	4.197598	5675.663	24.55952
1965	23.01879	16.88445	761.1518	13812472	3.453524	0.070815	4.309155	5668.979	24.60845
2011	23.39353	17.08589	764.7846	14165423	3.43929	0.070854	4.421704	5662.301	24.66309
2029	23.56517	17.14599	730.7327	14523570	3.420516	0.070934	4.535357	5655.742	24.71564
2055	23.58918	17.09693	751.9783	14891891	3.397372	0.069336	4.650233	5649.431	24.79111
2031	23.5654	17.00854	660.1927	15274234	3.369878	0.06845	4.766454	5643.523	24.8569
2073	23.41112	16.76326	661.7774	15671927	3.369369	0.067941	4.884145	5641.452	24.88091
2103	23.37003	16.56316	719.8897	16084886	3.361852	0.067701	5.003427	5643.053	24.89339
2136	23.4153	16.41798	881.0102	16513822	3.347953	0.067503	5.124417	5648.659	24.89741
2154	23.60901	16.38835	1027.823	16959081	3.328299	0.067514	5.247227	5658.625	24.8865
2216	23.91429	16.44567	1030.038	17420795	3.303494	0.067552	5.371957	5673.324	24.88011
2274	24.15686	16.5754	1081.37	17899562	3.294935	0.067638	5.498698	5690.432	24.88202
2280	24.23951	16.65294	1215.808	18395389	3.281806	0.067748	5.627528	5706.568	24.88488
2353	24.33688	16.76077	1396.825	18907008	3.264768	0.067798	5.758508	5721.309	24.89768
2418	24.5998	16.95835	1338.884	19432541	3.244383	0.067663	5.891689	5734.165	24.91324
2420	24.87876	17.11378	1309.122	19970495	3.221508	0.067146	6.027103	5744.567	24.94309
2475	25.11595	17.17875	1429.648	20520447	3.213936	0.066313	6.164766	5751.863	24.98802
2531	25.26456	17.20277	1380.51	21082383	3.20303	0.064436	6.30468	5758.266	25.0515
2576	25.39803	17.22827	1493.747	21655715	3.189915	0.062674	6.446832	5761.596	25.12012
2558	25.58692	17.28318	1571.183	22239904	3.175873	0.061883	6.591193	5764.233	25.19553
2594	25.88229	17.36457	1353.924	22834522	3.161892	0.06127	6.737723	5766.063	25.27551
2610	26.25333	17.45413	1391.752	23439189	3.164137	0.060795	6.886367	5766.977	25.34927
2573	26.32655	17.3282	1451.866	24053727	3.165002	0.060795	7.03706	5766.883	25.34927
2343	NA	NA	2231.294	18271000	7.682246	NA	9.872562	NA	NA
2356	NA	NA	2255.23	18614000	7.684132	NA	9.924206	NA	NA
2431	NA	NA	2354.839	18964000	7.689507	NA	9.978574	NA	NA
2336	NA	NA	2529.518	19325000	7.702682	NA	10.03569	NA	NA
2448	NA	NA	2739.586	19678000	7.727634	NA	10.09556	NA	NA
2417	NA	NA	3010.706	20048000	7.751212	NA	10.15817	NA	NA
2454	NA	NA	3173.076	20412000	7.792704	NA	10.22351	NA	NA
2440	NA	NA	3411.06	20744000	7.851134	NA	10.29153	NA	NA
2472	NA	NA	3703.99	21028000	7.920992	NA	10.36217	NA	NA
2451	NA	NA	4121.933	21324000	7.998625	NA	10.43536	NA	NA
2421	NA	NA	4586.256	21645535	8.091947	NA	10.51101	NA	NA
2437	NA	NA	5141.617	21993631	8.174066	NA	10.589	NA	NA
2471	NA	NA	5870.601	22369408	8.257894	NA	10.66923	NA	NA
2505	NA	NA	7043.474	22774087	8.35938	NA	10.75154	NA	NA
2430	NA	NA	7489.941	23209000	8.485379	NA	10.8358	NA	NA
2547	NA	NA	8783.722	23518000	8.657069	NA	10.92184	NA	NA
2528	NA	NA	8892.762	23796000	8.846923	NA	11.00949	NA	NA
2471	NA	NA	9096.059	24036000	9.045059	NA	11.09856	NA	NA
2485	NA	NA	10012.44	24277000	9.235586	NA	11.18887	NA	NA
2534	NA	NA	11135.44	24593000	9.412472	0.360155	11.28023	5394.496	25.15161
2485	NA	NA	12297.79	24900000	9.582617	0.342583	11.37243	5389.241	25.19148
2552	NA	NA	12439.75	25202000	9.736792	0.325629	11.46527	5384.642	25.22099





2002	NA	NA	NA	NA	NA	NA	NA	NA
2043	NA	NA	NA	NA	NA	NA	NA	NA
2032	NA	NA	NA	NA	NA	NA	NA	NA
2058	NA	NA	NA	NA	NA	NA	NA	NA
2034	NA	NA	NA	NA	NA	NA	NA	NA
2126	NA	NA	NA	NA	NA	NA	NA	NA
2137	NA	NA	NA	NA	NA	NA	NA	NA
2115	NA	NA	NA	NA	NA	NA	NA	NA
2124	NA	NA	NA	NA	NA	NA	NA	NA
2138	NA	NA	NA	NA	NA	NA	NA	NA
2155	NA	NA	NA	NA	NA	NA	NA	NA
2141	NA	NA	NA	NA	NA	NA	NA	NA
2099	NA	NA	NA	NA	NA	NA	NA	NA
2069	NA	NA	NA	NA	NA	NA	NA	NA
2057	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA
1949	NA	NA	NA	NA	NA	NA	NA	NA
1851	NA	NA	NA	NA	NA	NA	NA	NA
1800	NA	NA	NA	NA	NA	NA	NA	NA
1839	NA	NA	NA	NA	NA	NA	NA	NA
1825	NA	NA	NA	NA	NA	NA	NA	NA
1844	NA	NA	NA	NA	NA	NA	NA	NA
1872	NA	NA	NA	NA	NA	NA	NA	NA
1923	NA	NA	NA	NA	NA	NA	NA	NA
2005	NA	NA	NA	NA	NA	NA	NA	NA
2075	NA	NA	NA	NA	NA	NA	NA	NA
2085	NA	NA	NA	NA	NA	NA	NA	NA
2128	NA	NA	NA	NA	NA	NA	NA	NA
2126	NA	NA	NA	NA	NA	NA	NA	NA
2163	NA	NA	NA	NA	NA	NA	NA	NA
2179	NA	NA	NA	NA	NA	NA	NA	NA
2223	NA	NA	NA	NA	NA	NA	NA	NA
2242	NA	NA	NA	NA	NA	NA	NA	NA
2204	NA	NA	NA	NA	NA	NA	NA	NA
2233	NA	NA	NA	NA	NA	NA	NA	NA
2286	NA	NA	NA	NA	NA	NA	NA	NA
2315	NA	NA	NA	NA	NA	NA	NA	NA
2343	NA	NA	NA	NA	NA	NA	NA	NA
2382	NA	NA	NA	NA	NA	NA	NA	NA
2421	NA	NA	NA	NA	NA	NA	NA	NA
2404	NA	NA	NA	NA	NA	NA	NA	NA
2459	NA	NA	NA	NA	NA	NA	NA	NA
2466	NA	NA	NA	NA	NA	NA	NA	NA
2240	NA	80.5208	1529227	4.294196	NA	0.543913	NA	NA
2197	NA	79.9678	1556661	4.286868	NA	0.573121	NA	NA
2127	NA	81.58792	1585763	4.268545	NA	0.60388	NA	NA
2094	NA	87.85875	1616516	4.234972	NA	0.636245	NA	NA
2276	NA	91.32205	1648833	4.183565	NA	0.670268	NA	NA
2058	NA	93.84482	1682885	4.1928	NA	0.705999	NA	NA

2191	NA	NA	95.32192	1718603	4.1859	NA	0.743482	NA	NA
2187	NA	NA	109.2478	1755344	4.166363	NA	0.782757	NA	NA
2230	NA	NA	104.9197	1792220	4.136713	NA	0.823861	NA	NA
2300	NA	NA	103.4099	1828709	4.09934	NA	0.866822	NA	NA
2308	NA	NA	108.0398	1864598	4.125018	NA	0.911666	NA	NA
2325	NA	NA	121.1997	1900317	4.140678	NA	0.958408	NA	NA
2390	NA	NA	140.0131	1936841	4.146494	NA	1.007061	NA	NA
2496	NA	NA	142.4428	1975521	4.142502	NA	1.057631	NA	NA
2337	NA	NA	187.6996	2017372	4.127846	NA	1.110117	NA	NA
2356	NA	NA	218.7507	2062405	4.146373	NA	1.164513	NA	NA
2358	NA	NA	240.3736	2110457	4.155972	NA	1.220811	NA	NA
2313	NA	NA	282.3812	2162249	4.156922	NA	1.278995	NA	NA
2327	NA	NA	315.8626	2218575	4.147392	NA	1.339049	NA	NA
2279	NA	NA	349.6099	2279821	4.127605	0.053073	1.400956	5209.024	22.14794
2287	NA	NA	296.0646	2346797	4.117953	0.053526	1.464697	5211.219	22.13261
2203	NA	NA	309.3677	2418844	4.09828	0.053999	1.530253	5213.139	22.10843
2078	NA	NA	264.1972	2493135	4.072102	0.054499	1.597609	5214.846	22.07443
1894	NA	NA	248.5852	2565803	4.044543	0.054997	1.666752	5216.382	22.04071
1800	NA	NA	328.3119	2634232	4.018742	0.055483	1.737674	5217.779	22.00478
1864	NA	NA	416.1188	2696982	4.025907	0.055924	1.810372	5219.971	21.96934
1827	NA	NA	435.8931	2755244	4.028754	0.056326	1.884849	5222.163	21.93348
1805	NA	NA	449.7829	2812244	4.027069	0.056689	1.961115	5224.38	21.90252
1832	NA	NA	429.5416	2872668	4.020966	0.056866	2.039184	5226.643	21.8774
1837	23.48954	18.49988	490.0746	2939780	4.010062	0.057056	2.119081	5228.972	21.85374
1858	23.98848	18.80932	456.8978	3014624	4.0071	0.057298	2.200835	5230.558	21.83621
1844	23.95724	18.75863	456.0742	3095807	3.998699	0.057493	2.28448	5231.26	21.82185
1820	24.97241	19.48337	401.978	3181222	3.985104	0.057645	2.370057	5230.998	21.81078
1812	25.36116	19.74875	260.4836	3267670	3.966006	0.057688	2.457611	5229.683	21.80834
1809	25.40955	19.76092	332.6774	3352767	3.941908	0.05754	2.547187	5227.213	21.81249
1858	26.00837	20.1404	293.3189	3435821	3.942755	0.057048	2.638836	5222.551	21.82054
1851	25.9403	20.07498	266.6076	3517309	3.932125	0.056518	2.732607	5216.392	21.83384
1923	26.34176	20.31059	268.9004	3597385	3.912814	0.055976	2.828549	5208.681	21.85261
1875	26.75574	20.556	271.8551	3676508	3.886623	0.057395	2.92671	5199.364	21.85912
1906	26.70032	20.49957	243.5429	3754986	3.854821	0.058733	3.027134	5188.39	21.8631
1936	26.92525	20.61385	243.1586	3832203	3.852353	0.059821	3.129864	5180.358	21.85449
1946	27.28747	20.81735	253.7068	3907612	3.84076	0.060704	3.234938	5176.661	21.84813
1903	27.40162	20.88292	286.2508	3981665	3.820387	0.061314	3.34239	5177.83	21.84079
1917	27.47732	20.92163	313.2106	4055036	3.791409	0.063652	3.452253	5184.448	21.83434
1948	27.68034	21.04792	323.9805	4127910	3.754515	0.065839	3.564553	5197.157	21.83273
1971	28.01481	21.26873	347.6072	4201758	3.757594	0.067718	3.679315	5213.805	21.83929
2022	27.96416	21.24016	397.0172	4275800	3.751883	0.06941	3.796562	5229.842	21.83885
2068	27.78798	21.12556	456.8618	4345386	3.736377	0.070834	3.916312	5244.817	21.83984
2078	28.03091	21.29299	449.9612	4404230	3.70957	0.07216	4.038585	5258.191	21.83868
2110	28.71388	21.73032	446.4437	4448525	3.671464	0.07331	4.163399	5269.324	21.83823
2098	29.18435	22.01406	490.5104	4476153	3.691898	0.074282	4.29077	5277.458	21.86368
2054	29.29968	22.08619	483.1861	4490416	3.698544	0.07496	4.420717	5284.818	21.88613
1832	29.57095	22.39144	337.485	4499653	3.694085	0.075064	4.553256	5288.629	21.88591
1770	29.51441	22.4853	377.1321	4515392	3.680965	0.074824	4.688406	5291.727	21.88015
1726	29.58359	22.63137	348.3814	4546100	3.659884	0.074657	4.826185	5293.953	21.87159



2508	NA	NA	NA	NA	NA	NA	NA	NA
2480	NA	NA	NA	NA	NA	NA	NA	NA
2525	NA	NA	NA	NA	NA	NA	NA	NA
2534	NA	NA	NA	NA	NA	NA	NA	NA
2543	NA	NA	NA	NA	NA	NA	NA	NA
2563	NA	NA	NA	NA	NA	NA	NA	NA
2634	NA	NA	NA	NA	NA	NA	NA	NA
2672	NA	NA	NA	NA	NA	NA	NA	NA
2711	NA	NA	NA	NA	NA	NA	NA	NA
2711	NA	NA	NA	NA	NA	NA	NA	NA
2529	NA	NA	NA	NA	NA	NA	NA	NA
2528	NA	NA	NA	NA	NA	NA	NA	NA
2520	NA	NA	NA	NA	NA	NA	NA	NA
2473	NA	NA	NA	NA	NA	NA	NA	NA
2423	NA	NA	NA	NA	NA	NA	NA	NA
2408	NA	NA	NA	NA	NA	NA	NA	NA
2316	NA	NA	NA	NA	NA	NA	NA	NA
2308	NA	NA	NA	NA	NA	NA	NA	NA
2304	NA	NA	NA	NA	NA	NA	NA	NA
2309	NA	NA	NA	NA	NA	NA	NA	NA
2321	NA	NA	NA	NA	NA	NA	NA	NA
2392	NA	NA	NA	NA	NA	NA	NA	NA
2408	NA	NA	NA	NA	NA	NA	NA	NA
2452	NA	NA	NA	NA	NA	NA	NA	NA
2480	NA	NA	NA	NA	NA	NA	NA	NA
2485	NA	NA	NA	NA	NA	NA	NA	NA
2535	NA	NA	NA	NA	NA	NA	NA	NA
2547	NA	NA	NA	NA	NA	NA	NA	NA
2577	NA	NA	NA	NA	NA	NA	NA	NA
2592	NA	NA	NA	NA	NA	NA	NA	NA
2620	NA	NA	NA	NA	NA	NA	NA	NA
2662	NA	NA	NA	NA	NA	NA	NA	NA
2722	NA	NA	NA	NA	NA	NA	NA	NA
2767	NA	NA	NA	NA	NA	NA	NA	NA
2734	NA	NA	NA	NA	NA	NA	NA	NA
2761	NA	NA	NA	NA	NA	NA	NA	NA
2210	NA	109.1296	3060355	3.83547	NA	0.302067	NA	NA
2316	NA	114.5822	3121216	3.839689	NA	0.320097	NA	NA
2294	NA	116.7775	3183551	3.83267	NA	0.339137	NA	NA
2260	NA	120.8215	3246505	3.813239	NA	0.359225	NA	NA
2233	NA	125.9759	3309573	3.78076	NA	0.380396	NA	NA
2201	NA	128.3432	3372170	3.793195	NA	0.402685	NA	NA
2185	NA	130.961	3434811	3.791097	NA	0.426121	NA	NA
2161	NA	129.7326	3499352	3.775842	NA	0.450733	NA	NA
2130	NA	132.1709	3568376	3.747615	NA	0.476544	NA	NA
2044	NA	128.7939	3643549	3.706386	NA	0.503573	NA	NA
1966	NA	134.6899	3726091	3.714509	NA	0.531835	NA	NA
1805	NA	153.45	3815103	3.70779	NA	0.561339	NA	NA
1700	NA	165.6245	3907632	3.687886	NA	0.592087	NA	NA

1726	NA	NA	163.1531	3999512	3.657771	NA	0.624076	NA	NA
1661	NA	NA	211.5003	4087948	3.619787	NA	0.657294	NA	NA
1614	NA	NA	207.5736	4172230	3.617706	NA	0.691726	NA	NA
1622	NA	NA	219.8784	4253989	3.604264	NA	0.727345	NA	NA
1598	NA	NA	256.9214	4335645	3.579836	NA	0.764121	NA	NA
1604	NA	NA	227.1841	4420716	3.544019	NA	0.802015	NA	NA
1590	NA	NA	228.9434	4512042	3.496887	0.071283	0.840981	5728.892	20.95939
1573	NA	NA	190.2182	4610167	3.491826	0.071362	0.880967	5733.854	20.94686
1561	NA	NA	176.9533	4715197	3.476164	0.071428	0.921918	5738.196	20.93539
1529	NA	NA	172.3752	4829094	3.450709	0.071498	0.96377	5742.055	20.92831
1513	NA	NA	185.5259	4954046	3.415693	0.071559	1.00646	5745.528	20.92538
1680	NA	NA	202.8995	5091535	3.371321	0.07161	1.049919	5748.685	20.92597
1558	NA	NA	203.6672	5243006	3.357463	0.071681	1.094081	5753.642	20.9309
1527	NA	NA	215.1272	5408087	3.33593	0.071772	1.138876	5758.599	20.94023
1702	NA	NA	265.492	5584339	3.307177	0.071898	1.184241	5763.611	20.95629
1601	NA	NA	248.5549	5768086	3.271345	0.072095	1.230115	5768.728	20.97932
1560	14.90688	11.67426	291.8662	5956859	3.229487	0.072345	1.276441	5773.995	21.00232
1743	14.65768	11.46754	305.2217	6150081	3.205194	0.072363	1.323173	5778.017	21.03099
1766	14.88185	11.60178	296.3965	6349089	3.173101	0.072395	1.370272	5780.517	21.06491
1593	15.16031	11.78079	223.2062	6555603	3.134693	0.072447	1.417711	5781.357	21.09763
1923	15.10842	11.72126	174.2195	6772133	3.091345	0.072491	1.465476	5780.381	21.13421
1732	15.21266	11.77403	206.5387	7000722	3.044072	0.072473	1.513564	5777.414	21.17029
1729	15.5878	12.03011	221.9743	7241134	3.015025	0.072338	1.561992	5773.284	21.20641
1835	15.80975	12.19724	206.1441	7493251	2.981523	0.07222	1.610788	5769.433	21.24175
1956	16.0041	12.34578	224.8661	7759258	2.944599	0.072133	1.659998	5766.025	21.27696
1930	16.22603	12.50391	190.836	8041846	2.905005	0.071884	1.709688	5763.252	21.31055
1877	16.3441	12.57622	166.0232	8342559	2.863318	0.071687	1.759937	5761.336	21.34105
1948	16.60383	12.72932	197.3156	8663012	2.835215	0.071522	1.810842	5763.388	21.37228
1894	16.73889	12.80717	220.8055	9001689	2.804252	0.071447	1.862519	5768.854	21.3971
1955	17.03243	12.97421	292.5914	9353201	2.771447	0.071181	1.915095	5778.018	21.41878
1943	17.05804	12.94049	454.6766	9710043	2.737691	0.071048	1.968716	5791.176	21.43995
1943	17.13468	12.92147	660.2421	10067009	2.704398	0.070934	2.02354	5808.634	21.45474
1931	17.20931	12.92108	712.1848	10421597	2.682228	0.070815	2.079736	5827.445	21.46748
1940	17.46258	13.05226	801.6839	10775708	2.658313	0.070735	2.137486	5844.52	21.47625
1944	17.64506	13.14461	929.7702	11133861	2.632232	0.070656	2.196978	5859.391	21.48638
1946	17.78631	13.22006	804.4559	11502786	2.602387	0.070558	2.25841	5871.522	21.49314
1969	18.18811	13.44168	896.5697	11887202	2.568678	0.070276	2.321984	5880.3	21.50578
1963	18.44826	13.56439	989.2364	12288651	2.546472	0.069946	2.387906	5885.03	21.52315
2017	18.72392	13.70623	973.4703	12705135	2.519446	0.069658	2.456383	5888.479	21.54043
2007	18.93324	13.80484	986.0103	13133589	2.492754	0.06943	2.527623	5890.363	21.56033
2021	19.19151	13.9438	1025.999	13569438	2.472814	0.069223	2.601832	5891.586	21.58161
2049	19.44798	14.06461	781.3311	14009413	2.462637	0.069034	2.67921	5892.16	21.61242
2048	19.74412	14.21209	698.2109	14452543	2.472222	0.06889	2.759954	5892.194	21.64648
2007	19.89361	14.2573	662.5001	14899994	2.485833	0.06889	2.844252	5892.003	21.64648
2234	NA	NA	584.2378	7890156	4.85832	NA	5.217968	NA	NA
2196	NA	NA	671.3997	8067136	4.909227	NA	5.291236	NA	NA
2283	NA	NA	687.2684	8247415	4.947017	NA	5.366775	NA	NA
2271	NA	NA	709.5793	8430838	4.975994	NA	5.444699	NA	NA
2274	NA	NA	699.378	8617077	4.99854	NA	5.525114	NA	NA

2372	NA	NA	803.1491	8806137	5.028243	NA	5.608115	NA	NA
2329	NA	NA	779.4757	8997325	5.047111	NA	5.693784	NA	NA
2362	NA	NA	779.9789	9188822	5.06017	NA	5.78219	NA	NA
2282	NA	NA	893.2476	9378243	5.0732	NA	5.873385	NA	NA
2285	NA	NA	954.2491	9563865	5.089971	NA	5.967403	NA	NA
2332	NA	NA	1116.871	9745189	5.147022	NA	6.064258	NA	NA
2331	NA	NA	1194.633	9922558	5.206057	NA	6.163946	NA	NA
2261	NA	NA	1667.568	10096295	5.262485	NA	6.266437	NA	NA
2406	NA	NA	1578.876	10267056	5.309672	NA	6.371683	NA	NA
2193	NA	NA	730.4099	10435534	5.345064	NA	6.47961	NA	NA
2268	NA	NA	975.4844	10601836	5.416043	NA	6.590121	NA	NA
2209	NA	NA	1296.893	10766419	5.47246	NA	6.703095	NA	NA
2247	NA	NA	1462.835	10930783	5.519202	NA	6.818391	NA	NA
2284	NA	NA	1964.851	11096868	5.561966	NA	6.935841	NA	NA
2310	NA	NA	2577.324	11266226	5.603607	0.330179	7.055259	6036.284	25.83845
2336	NA	NA	3016.823	11439144	5.673012	0.327668	7.176438	6028.866	25.84979
2263	NA	NA	2180.29	11615836	5.737805	0.325061	7.299153	6022.376	25.88568
2212	NA	NA	1725.442	11797534	5.798568	0.322424	7.423162	6016.607	25.91597
2221	NA	NA	1637.167	11985658	5.854848	0.319867	7.548209	6011.415	25.92725
2156	NA	NA	1453.316	12181028	5.907211	0.317604	7.674027	6006.695	25.93426
2136	NA	NA	1525.427	12384108	5.973874	0.315733	7.80034	5999.285	25.93542
2118	NA	NA	1767.123	12594145	6.035273	0.314356	7.926864	5991.875	25.9262
2104	NA	NA	2032.96	12809025	6.095928	0.313463	8.053316	5984.382	25.92947
2126	NA	NA	2294.346	13025797	6.162694	0.313091	8.17941	5976.733	25.95704
2193	30.12874	15.53239	2500.646	13242132	6.240022	0.312999	8.304865	5968.859	26.00602
2222	29.33513	14.80921	2811.482	13457244	6.33788	0.313059	8.429408	5961.143	26.06896
2288	29.00239	14.38921	3362.169	13671033	6.445021	0.313221	8.552772	5953.842	26.15046
2291	30.15343	14.68955	3551.03	13882668	6.55843	0.313337	8.674708	5946.994	26.24597
2320	31.72224	15.0839	4045.621	14091389	6.673267	0.313329	8.794982	5940.648	26.34891
2326	32.23996	15.02273	5137.375	14296613	6.787978	0.3132	8.913377	5934.864	26.46746
2343	31.98353	14.67783	5382.847	14497826	6.927763	0.312964	9.0297	5928.104	26.58831
2349	31.79462	14.35801	5781.103	14694835	7.064754	0.312851	9.143782	5919.823	26.7048
2342	32.81775	14.51396	5479.498	14887756	7.200373	0.312652	9.255479	5909.844	26.82039
2350	33.24721	14.4129	4986.007	15076952	7.335541	0.310653	9.364676	5897.972	26.91848
2399	32.56504	13.80547	5101.368	15262754	7.471574	0.30869	9.471285	5883.99	26.99581
2444	34.33995	14.14101	4595.666	15444969	7.606289	0.305062	9.575248	5872.8	27.07003
2469	33.87038	13.6626	4463.546	15623635	7.736977	0.301834	9.676539	5866.356	27.13621
2485	35.24779	13.84989	4787.7	15799542	7.872665	0.299739	9.775158	5865.225	27.20575
2508	35.39182	13.6575	6210.828	15973778	8.024583	0.296879	9.871137	5870.046	27.28652
2496	35.22465	13.40631	7615.305	16147064	8.19972	0.294201	9.964532	5881.531	27.35016
2551	35.67929	13.32247	9484.681	16319792	8.382705	0.29132	10.05543	5897.429	27.39321
2490	35.89508	13.19649	10526.88	16491687	8.583064	0.289278	10.14394	5912.738	27.43486
2491	34.86299	12.5969	10781.37	16661942	8.796268	0.286599	10.23019	5926.975	27.45768
2442	37.08561	13.12017	10243.33	16829442	9.015052	0.283134	10.31432	5939.558	27.4811
2470	38.47519	13.31168	12860.18	16993354	9.236999	0.277635	10.39652	5949.796	27.5176
2520	38.32679	13.08013	14705.69	17153357	9.447748	0.272046	10.47695	5956.87	27.55872
2519	38.59354	12.92026	15431.9	17309746	9.659864	0.268186	10.55581	5963.142	27.61864
2546	39.48361	12.9262	15941.4	17462982	9.883753	0.265022	10.6333	5966.417	27.67987
2570	38.68884	12.45936	14794.32	17613798	10.13388	0.262392	10.70961	5969.026	27.73913

2539	40.37928	12.72749	13736.64	17762681	10.41924	0.2602	10.78495	5970.841	27.78803
2561	41.10632	12.78051	13960.89	17909754	10.74068	0.258367	10.85952	5971.744	27.84409
2574	41.48024	12.9258	15346.45	18054726	11.08653	0.258367	10.93352	5971.653	27.84409
1418	NA	NA	75.80584	6.6E+08	3.726173	NA	2.196758	NA	NA
1527	NA	NA	70.90941	6.66E+08	3.687356	NA	2.290601	NA	NA
1590	NA	NA	74.31364	6.82E+08	3.609751	NA	2.388026	NA	NA
1656	NA	NA	85.49856	6.98E+08	3.52104	NA	2.48905	NA	NA
1785	NA	NA	98.48678	7.15E+08	3.431685	NA	2.593672	NA	NA
1850	NA	NA	104.3246	7.35E+08	3.497539	NA	2.701877	NA	NA
1807	NA	NA	96.58953	7.55E+08	3.572752	NA	2.813629	NA	NA
1743	NA	NA	91.47272	7.75E+08	3.64818	NA	2.928877	NA	NA
1726	NA	NA	100.1299	7.96E+08	3.711719	NA	3.047551	NA	NA
1830	NA	NA	113.163	8.18E+08	3.760915	NA	3.169562	NA	NA
1836	NA	NA	118.6546	8.41E+08	3.832924	NA	3.294802	NA	NA
1814	NA	NA	131.8836	8.62E+08	3.899776	NA	3.423146	NA	NA
1885	NA	NA	157.0904	8.82E+08	3.964225	NA	3.554448	NA	NA
1884	NA	NA	160.1401	9E+08	4.032292	NA	3.688549	NA	NA
1901	NA	NA	178.3418	9.16E+08	4.108141	NA	3.825274	NA	NA
1865	NA	NA	165.4055	9.31E+08	4.222147	NA	3.964433	NA	NA
1898	NA	NA	185.4228	9.43E+08	4.338487	NA	4.105826	NA	NA
2041	NA	NA	156.3964	9.56E+08	4.45827	NA	4.249241	NA	NA
2051	NA	NA	183.9832	9.69E+08	4.58059	NA	4.394464	NA	NA
2114	NA	NA	194.8047	9.81E+08	4.703826	0.265777	4.541274	6201.89	22.26474
2130	NA	NA	197.0715	9.94E+08	4.854086	0.268873	4.689449	6198.039	22.28693
2274	NA	NA	203.3349	1.01E+09	4.993795	0.272083	4.838771	6194.668	22.30976
2354	NA	NA	225.4319	1.02E+09	5.122465	0.275361	4.989029	6191.672	22.33122
2381	NA	NA	250.714	1.04E+09	5.236667	0.278567	5.140016	6188.976	22.35505
2369	NA	NA	294.4588	1.05E+09	5.333768	0.281414	5.291542	6186.525	22.38269
2370	NA	NA	281.9281	1.07E+09	5.413582	0.284055	5.443428	6182.677	22.40437
2379	NA	NA	251.812	1.08E+09	5.474289	0.286352	5.595515	6178.829	22.406
2347	NA	NA	283.5377	1.1E+09	5.525191	0.288093	5.747661	6174.938	22.42077
2348	NA	NA	310.8819	1.12E+09	5.580872	0.287011	5.899747	6170.965	22.44017
2443	18.86624	8.566108	317.8847	1.14E+09	5.652049	0.286458	6.051677	6166.877	22.45373
2368	19.29187	8.614461	333.1421	1.15E+09	5.720444	0.285194	6.203378	6162.177	22.47583
2399	19.55821	8.557569	366.4607	1.16E+09	5.815144	0.282971	6.354805	6156.938	22.48914
2501	19.8473	8.52611	377.3898	1.18E+09	5.927619	0.280311	6.505934	6151.109	22.50053
2559	20.25215	8.535173	473.4923	1.19E+09	6.044714	0.27712	6.656768	6144.642	22.50852
2634	20.60818	8.486814	609.6567	1.2E+09	6.161094	0.2736	6.807334	6137.486	22.51259
2630	21.05871	8.463237	709.4138	1.22E+09	6.331474	0.26954	6.957682	6131.179	22.51322
2651	21.36325	8.403865	781.7442	1.23E+09	6.480808	0.264268	7.107881	6126.314	22.52876
2695	21.82798	8.399922	828.5805	1.24E+09	6.61913	0.259014	7.258021	6123.072	22.5359
2707	22.0523	8.34647	873.2871	1.25E+09	6.76015	0.253287	7.40821	6121.656	22.54693
2759	22.23585	8.340206	959.3725	1.26E+09	6.908387	0.247931	7.558566	6122.287	22.57974
2762	22.73572	8.331948	1053.108	1.27E+09	7.068802	0.242921	7.709221	6127.05	22.61055
2781	23.10464	8.275443	1148.508	1.28E+09	7.233553	0.238164	7.860313	6134.653	22.66985
2771	23.21794	8.167772	1288.643	1.29E+09	7.399071	0.234799	8.011984	6145.223	22.73304
2803	23.70958	8.098831	1508.668	1.3E+09	7.554075	0.232022	8.164376	6158.882	22.79746
2824	24.05484	7.996219	1753.418	1.3E+09	7.694778	0.22951	8.317628	6175.745	22.86348
2829	24.49367	7.872599	2099.229	1.31E+09	7.830041	0.227177	8.471871	6193.994	22.9219





2732	NA	NA	NA	NA	NA	NA	NA	NA
2753	NA	NA	NA	NA	NA	NA	NA	NA
2784	NA	NA	NA	NA	NA	NA	NA	NA
2827	NA	NA	NA	NA	NA	NA	NA	NA
2890	NA	NA	NA	NA	NA	NA	NA	NA
2931	NA	NA	NA	NA	NA	NA	NA	NA
2950	NA	NA	NA	NA	NA	NA	NA	NA
2964	NA	NA	NA	NA	NA	NA	NA	NA
2960	NA	NA	NA	NA	NA	NA	NA	NA
2950	NA	NA	NA	NA	NA	NA	NA	NA
2978	NA	NA	NA	NA	NA	NA	NA	NA
2978	NA	NA	NA	NA	NA	NA	NA	NA
2982	NA	NA	NA	NA	NA	NA	NA	NA
3001	NA	NA	NA	NA	NA	NA	NA	NA
3014	NA	NA	NA	NA	NA	NA	NA	NA
3095	NA	NA	NA	NA	NA	NA	NA	NA
3050	NA	NA	NA	NA	NA	NA	NA	NA
3050	NA	NA	NA	NA	NA	NA	NA	NA
3099	NA	NA	NA	NA	NA	NA	NA	NA
2488	NA	NA	NA	NA	NA	NA	NA	NA
2436	NA	NA	NA	NA	NA	NA	NA	NA
2425	NA	NA	NA	NA	NA	NA	NA	NA
2479	NA	NA	NA	NA	NA	NA	NA	NA
2180	NA	NA	NA	NA	NA	NA	NA	NA
2027	NA	NA	NA	NA	NA	NA	NA	NA
1885	NA	NA	NA	NA	NA	NA	NA	NA
1806	NA	NA	NA	NA	NA	NA	NA	NA
1763	NA	NA	NA	NA	NA	NA	NA	NA
1767	NA	NA	NA	NA	NA	NA	NA	NA
1814	NA	NA	NA	NA	NA	NA	NA	NA
1954	NA	NA	NA	NA	NA	NA	NA	NA
1950	NA	NA	NA	NA	NA	NA	NA	NA
1991	NA	NA	NA	NA	NA	NA	NA	NA
2023	NA	NA	NA	NA	NA	NA	NA	NA
2092	NA	NA	NA	NA	NA	NA	NA	NA
2196	NA	NA	NA	NA	NA	NA	NA	NA
2303	NA	NA	NA	NA	NA	NA	NA	NA
2449	NA	NA	NA	NA	NA	NA	NA	NA
2596	NA	NA	NA	NA	NA	NA	NA	NA
2666	NA	NA	NA	NA	NA	NA	NA	NA
2760	NA	NA	NA	NA	NA	NA	NA	NA
2785	NA	NA	NA	NA	NA	NA	NA	NA
2598	NA	NA	NA	NA	NA	NA	NA	NA
2552	NA	NA	NA	NA	NA	NA	NA	NA
2494	NA	NA	NA	NA	NA	NA	NA	NA
2430	NA	NA	NA	NA	NA	NA	NA	NA
2416	NA	NA	NA	NA	NA	NA	NA	NA
2545	NA	NA	NA	NA	NA	NA	NA	NA
2573	NA	NA	NA	NA	NA	NA	NA	NA

2551	NA	NA	NA	NA	NA	NA	NA	NA
2512	NA	NA	NA	NA	NA	NA	NA	NA
2539	NA	NA	NA	NA	NA	NA	NA	NA
2423	NA	NA	NA	NA	NA	NA	NA	NA
2500	NA	NA	NA	NA	NA	NA	NA	NA
2462	NA	NA	NA	NA	NA	NA	NA	NA
2401	NA	NA	NA	NA	NA	NA	NA	NA
2333	NA	NA	NA	NA	NA	NA	NA	NA
2316	NA	NA	NA	NA	NA	NA	NA	NA
2311	NA	NA	NA	NA	NA	NA	NA	NA
2372	NA	NA	NA	NA	NA	NA	NA	NA
2422	NA	NA	NA	NA	NA	NA	NA	NA
2495	NA	NA	NA	NA	NA	NA	NA	NA
2611	NA	NA	NA	NA	NA	NA	NA	NA
2669	NA	NA	NA	NA	NA	NA	NA	NA
2650	NA	NA	NA	NA	NA	NA	NA	NA
2677	NA	NA	NA	NA	NA	NA	NA	NA
2660	NA	NA	NA	NA	NA	NA	NA	NA
2669	NA	NA	NA	NA	NA	NA	NA	NA
2680	NA	NA	NA	NA	NA	NA	NA	NA
2687	NA	NA	NA	NA	NA	NA	NA	NA
2729	NA	NA	NA	NA	NA	NA	NA	NA
2740	NA	NA	NA	NA	NA	NA	NA	NA
2900	NA	NA	NA	NA	NA	NA	NA	NA
2863	NA	NA	NA	NA	NA	NA	NA	NA
2821	NA	NA	NA	NA	NA	NA	NA	NA
2851	NA	NA	NA	NA	NA	NA	NA	NA
1397	NA	NA	NA	NA	NA	NA	NA	NA
1508	NA	NA	NA	NA	NA	NA	NA	NA
1577	NA	NA	NA	NA	NA	NA	NA	NA
1644	NA	NA	NA	NA	NA	NA	NA	NA
1773	NA	NA	NA	NA	NA	NA	NA	NA
1838	NA	NA	NA	NA	NA	NA	NA	NA
1791	NA	NA	NA	NA	NA	NA	NA	NA
1732	NA	NA	NA	NA	NA	NA	NA	NA
1706	NA	NA	NA	NA	NA	NA	NA	NA
1815	NA	NA	NA	NA	NA	NA	NA	NA
1821	NA	NA	NA	NA	NA	NA	NA	NA
1802	NA	NA	NA	NA	NA	NA	NA	NA
1866	NA	NA	NA	NA	NA	NA	NA	NA
1865	NA	NA	NA	NA	NA	NA	NA	NA
1884	NA	NA	NA	NA	NA	NA	NA	NA
1850	NA	NA	NA	NA	NA	NA	NA	NA
1877	NA	NA	NA	NA	NA	NA	NA	NA
2028	NA	NA	NA	NA	NA	NA	NA	NA
2040	NA	NA	NA	NA	NA	NA	NA	NA
2100	NA	NA	NA	NA	NA	NA	NA	NA
2122	NA	NA	NA	NA	NA	NA	NA	NA
2270	NA	NA	NA	NA	NA	NA	NA	NA

2349	NA	NA	NA	NA	NA	NA	NA	NA
2378	NA	NA	NA	NA	NA	NA	NA	NA
2366	NA	NA	NA	NA	NA	NA	NA	NA
2368	NA	NA	NA	NA	NA	NA	NA	NA
2375	NA	NA	NA	NA	NA	NA	NA	NA
2343	NA	NA	NA	NA	NA	NA	NA	NA
2342	NA	NA	NA	NA	NA	NA	NA	NA
2439	NA	NA	NA	NA	NA	NA	NA	NA
2359	NA	NA	NA	NA	NA	NA	NA	NA
2388	NA	NA	NA	NA	NA	NA	NA	NA
2490	NA	NA	NA	NA	NA	NA	NA	NA
2550	NA	NA	NA	NA	NA	NA	NA	NA
2625	NA	NA	NA	NA	NA	NA	NA	NA
2627	NA	NA	NA	NA	NA	NA	NA	NA
2642	NA	NA	NA	NA	NA	NA	NA	NA
2694	NA	NA	NA	NA	NA	NA	NA	NA
2706	NA	NA	NA	NA	NA	NA	NA	NA
2756	NA	NA	NA	NA	NA	NA	NA	NA
2762	NA	NA	NA	NA	NA	NA	NA	NA
2783	NA	NA	NA	NA	NA	NA	NA	NA
2773	NA	NA	NA	NA	NA	NA	NA	NA
2805	NA	NA	NA	NA	NA	NA	NA	NA
2828	NA	NA	NA	NA	NA	NA	NA	NA
2826	NA	NA	NA	NA	NA	NA	NA	NA
2863	NA	NA	NA	NA	NA	NA	NA	NA
2922	NA	NA	NA	NA	NA	NA	NA	NA
2936	NA	NA	NA	NA	NA	NA	NA	NA
2983	NA	NA	NA	NA	NA	NA	NA	NA
3019	NA	NA	NA	NA	NA	NA	NA	NA
3040	NA	NA	NA	NA	NA	NA	NA	NA
3051	NA	NA	NA	NA	NA	NA	NA	NA
3086	NA	NA	NA	NA	NA	NA	NA	NA
3120	NA	NA	NA	NA	NA	NA	NA	NA
3107	NA	NA	NA	NA	NA	NA	NA	NA
3133	NA	NA	NA	NA	NA	NA	NA	NA
2419	NA	NA	NA	NA	NA	NA	NA	NA
2358	NA	NA	NA	NA	NA	NA	NA	NA
2318	NA	NA	NA	NA	NA	NA	NA	NA
2387	NA	NA	NA	NA	NA	NA	NA	NA
2354	NA	NA	NA	NA	NA	NA	NA	NA
2342	NA	NA	NA	NA	NA	NA	NA	NA
2364	NA	NA	NA	NA	NA	NA	NA	NA
2363	NA	NA	NA	NA	NA	NA	NA	NA
2401	NA	NA	NA	NA	NA	NA	NA	NA
2474	NA	NA	NA	NA	NA	NA	NA	NA
2492	NA	NA	NA	NA	NA	NA	NA	NA
2548	NA	NA	NA	NA	NA	NA	NA	NA
2508	NA	NA	NA	NA	NA	NA	NA	NA
2558	NA	NA	NA	NA	NA	NA	NA	NA

2630	NA	NA	NA	NA	NA	NA	NA	NA
2582	NA	NA	NA	NA	NA	NA	NA	NA
2566	NA	NA	NA	NA	NA	NA	NA	NA
2546	NA	NA	NA	NA	NA	NA	NA	NA
2564	NA	NA	NA	NA	NA	NA	NA	NA
2496	NA	NA	NA	NA	NA	NA	NA	NA
2461	NA	NA	NA	NA	NA	NA	NA	NA
2457	NA	NA	NA	NA	NA	NA	NA	NA
2391	NA	NA	NA	NA	NA	NA	NA	NA
2401	NA	NA	NA	NA	NA	NA	NA	NA
2461	NA	NA	NA	NA	NA	NA	NA	NA
2482	NA	NA	NA	NA	NA	NA	NA	NA
2518	NA	NA	NA	NA	NA	NA	NA	NA
2560	NA	NA	NA	NA	NA	NA	NA	NA
2644	NA	NA	NA	NA	NA	NA	NA	NA
2674	NA	NA	NA	NA	NA	NA	NA	NA
2709	NA	NA	NA	NA	NA	NA	NA	NA
2735	NA	NA	NA	NA	NA	NA	NA	NA
2816	NA	NA	NA	NA	NA	NA	NA	NA
2830	NA	NA	NA	NA	NA	NA	NA	NA
2842	NA	NA	NA	NA	NA	NA	NA	NA
2865	NA	NA	NA	NA	NA	NA	NA	NA
2876	NA	NA	NA	NA	NA	NA	NA	NA
2835	NA	NA	NA	NA	NA	NA	NA	NA
2867	NA	NA	NA	NA	NA	NA	NA	NA
2889	NA	NA	NA	NA	NA	NA	NA	NA
2784	NA	NA	NA	NA	NA	NA	NA	NA
2762	NA	NA	NA	NA	NA	NA	NA	NA
2751	NA	NA	NA	NA	NA	NA	NA	NA
2747	NA	NA	NA	NA	NA	NA	NA	NA
2723	NA	NA	NA	NA	NA	NA	NA	NA
2688	NA	NA	NA	NA	NA	NA	NA	NA
2692	NA	NA	NA	NA	NA	NA	NA	NA
2662	NA	NA	NA	NA	NA	NA	NA	NA
2691	NA	NA	NA	NA	NA	NA	NA	NA
2708	NA	NA	NA	NA	NA	NA	NA	NA
2709	NA	NA	NA	NA	NA	NA	NA	NA
2710	NA	NA	NA	NA	NA	NA	NA	NA
2746	NA	NA	NA	NA	NA	NA	NA	NA
2701	NA	NA	NA	NA	NA	NA	NA	NA
2719	NA	NA	NA	NA	NA	NA	NA	NA
2696	NA	NA	NA	NA	NA	NA	NA	NA
2712	NA	NA	NA	NA	NA	NA	NA	NA
2001	NA	267.3633	16982315	3.195548	NA	2.908226	NA	NA
2010	NA	283.1712	17500171	3.212214	NA	2.974687	NA	NA
1914	NA	268.1761	18033550	3.224712	NA	3.042398	NA	NA
1929	NA	321.4603	18581974	3.235598	NA	3.111429	NA	NA
1899	NA	300.9139	19144223	3.246452	NA	3.18185	NA	NA
1816	NA	275.2594	19721462	3.271624	NA	3.253731	NA	NA

1810	NA	NA	286.7936	20311371	3.294283	NA	3.327137	NA	NA
1818	NA	NA	285.1086	20905059	3.315709	NA	3.402132	NA	NA
1758	NA	NA	300.1346	21490945	3.338038	NA	3.478773	NA	NA
1806	NA	NA	326.2903	22061215	3.363459	NA	3.55711	NA	NA
1855	NA	NA	345.8511	22611986	3.403447	NA	3.637188	NA	NA
1868	NA	NA	374.6245	23146803	3.446078	NA	3.719043	NA	NA
1882	NA	NA	435.7329	23674504	3.488977	NA	3.802701	NA	NA
1932	NA	NA	510.9889	24208021	3.528021	NA	3.88818	NA	NA
1976	NA	NA	529.0887	24756973	3.56109	NA	3.975487	NA	NA
2080	NA	NA	605.8191	25323406	3.61742	NA	4.064618	NA	NA
2059	NA	NA	751.6258	25905127	3.660183	NA	4.15556	NA	NA
2113	NA	NA	877.7966	26502166	3.692928	NA	4.24829	NA	NA
2139	NA	NA	1030.498	27113512	3.720274	NA	4.342772	NA	NA
2183	NA	NA	1204.155	27737900	3.744519	0.194352	4.438965	6354.719	23.59132
2154	NA	NA	1282.365	28375991	3.773137	0.189801	4.536814	6353.116	23.65857
2171	NA	NA	1342.468	29027162	3.800775	0.184883	4.636261	6351.714	23.72143
2205	NA	NA	1304.601	29687094	3.828997	0.179692	4.737237	6350.468	23.78905
2210	NA	NA	1260.396	30350086	3.859291	0.174332	4.839668	6349.346	23.8589
2179	NA	NA	1125.202	31011688	3.893551	0.168954	4.943478	6348.326	23.92404
2181	NA	NA	1103.339	31669776	3.943634	0.163682	5.048583	6346.725	23.98924
2213	NA	NA	1125.261	32324325	3.996127	0.158641	5.1549	6345.124	24.05286
2219	NA	NA	1189.141	32975535	4.048862	0.154086	5.262342	6343.505	24.12406
2242	NA	NA	1175.933	33624444	4.099315	0.150415	5.370825	6341.852	24.20186
2245	31.05562	14.42029	1396.029	34271565	4.146592	0.147439	5.480264	6340.151	24.28299
2223	31.77901	14.58853	1408.365	34916766	4.201621	0.145143	5.590577	6338.148	24.3709
2287	32.14463	14.51651	1642.89	35558682	4.250706	0.143404	5.701685	6335.871	24.46538
2365	32.75325	14.4064	1835.792	36195168	4.2973	0.142254	5.813515	6333.293	24.56627
2392	33.76044	14.47998	2218.785	36823537	4.345308	0.140741	5.925995	6330.389	24.67243
2449	34.04314	14.29462	2470.684	37441977	4.397225	0.139706	6.039062	6327.132	24.77968
2457	33.86768	13.9185	2553.55	38049038	4.461182	0.139084	6.152658	6323.919	24.86937
2459	32.82381	13.17122	2759.953	38645411	4.528835	0.138666	6.26673	6321.019	24.94848
2411	32.75769	12.88928	2509.14	39234062	4.599386	0.138833	6.381233	6318.487	25.01444
2425	33.02861	12.7751	2164.433	39819279	4.670474	0.135779	6.496126	6316.382	25.07809
2464	33.13184	12.63789	2472.198	40403958	4.741652	0.133714	6.611378	6314.773	25.13382
2513	33.33728	12.54578	2395.857	40988909	4.825486	0.131952	6.726961	6316.805	25.1871
2474	33.90713	12.62883	2355.726	41572491	4.907803	0.130154	6.842855	6322.38	25.22992
2494	34.21088	12.61676	2246.257	42152151	4.991714	0.128382	6.959044	6331.792	25.26819
2461	33.81491	12.28616	2740.249	42724163	5.081157	0.1265	7.075517	6345.356	25.3051
2415	32.98167	11.8513	3354.022	43285634	5.179314	0.123524	7.192269	6363.412	25.3413
2433	33.85037	11.93119	3677.134	43835722	5.289177	0.119924	7.309296	6382.957	25.38917
2463	33.60256	11.74036	4635.692	44374572	5.40807	0.116025	7.4266	6400.731	25.47285
2463	34.13595	11.73162	5383.133	44901544	5.540326	0.111386	7.544185	6416.25	25.58341
2364	35.05614	11.84037	5119.192	45416181	5.690778	0.107432	7.662054	6428.959	25.69312
2373	36.05528	11.93634	6230.738	45918097	5.863368	0.10389	7.780214	6438.227	25.80285
2397	35.41922	11.44097	7207.029	46406646	6.060102	0.102208	7.898673	6443.331	25.89563
2441	36.24894	11.45639	7904.496	46881475	6.273525	0.100819	8.017436	6447.123	25.97839
2477	36.57175	11.38919	8065.96	47342981	6.505974	0.099888	8.13651	6449.182	26.05444
2614	37.80981	11.60072	7974.406	47791911	6.760512	0.099573	8.255899	6450.55	26.12507
2677	38.49063	11.65535	6085.21	48228697	7.039004	0.09944	8.375606	6451.23	26.17507

2717	38.66303	11.52893	5813.695	48653419	7.3331	0.098963	8.495633	6451.322	26.22441
2762	38.56215	11.37182	6408.92	49065615	7.646422	0.098963	8.615979	6451.129	26.22441
2071	NA	NA	142.5375	1064111	3.635429	NA	1.111553	NA	NA
2080	NA	NA	152.4512	1092292	3.675849	NA	1.171592	NA	NA
2059	NA	NA	153.542	1121735	3.711304	NA	1.234954	NA	NA
2099	NA	NA	161.1348	1152412	3.739635	NA	1.301765	NA	NA
2052	NA	NA	167.4537	1184316	3.759807	NA	1.372141	NA	NA
1991	NA	NA	181.2183	1217391	3.789662	NA	1.446193	NA	NA
1986	NA	NA	189.6596	1251703	3.810648	NA	1.524019	NA	NA
1990	NA	NA	195.1412	1287516	3.824418	NA	1.605704	NA	NA
1907	NA	NA	200.008	1325147	3.831877	NA	1.691318	NA	NA
1868	NA	NA	201.4642	1364812	3.834154	NA	1.780914	NA	NA
1902	NA	NA	229.0048	1406643	3.843619	NA	1.874527	NA	NA
1952	NA	NA	283.119	1450518	3.845592	NA	1.972173	NA	NA
1885	NA	NA	362.2703	1496047	3.841992	NA	2.073845	NA	NA
1849	NA	NA	379.4441	1542690	3.834341	NA	2.179513	NA	NA
1928	NA	NA	482.4427	1590039	3.823931	NA	2.289125	NA	NA
1893	NA	NA	460.6696	1637941	3.825901	NA	2.402604	NA	NA
1915	NA	NA	453.7285	1686524	3.822715	NA	2.519848	NA	NA
1929	NA	NA	506.1761	1736099	3.815335	NA	2.640733	NA	NA
1917	NA	NA	670.7684	1787129	3.805153	NA	2.765108	NA	NA
1959	NA	NA	927.0963	1839935	3.793612	0.056668	2.892803	5205.082	22.72147
1933	NA	NA	1052.165	1894676	3.79173	0.056162	3.023622	5203.464	22.75163
2036	NA	NA	1107.342	1951195	3.787269	0.05566	3.157354	5202.047	22.78647
1997	NA	NA	1043.854	2009165	3.780775	0.055172	3.293766	5200.789	22.82081
2026	NA	NA	1060.658	2068132	3.77268	0.054699	3.432613	5199.656	22.85526
2017	NA	NA	1015.557	2127770	3.762907	0.054254	3.573633	5198.626	22.89167
2021	NA	NA	845.1688	2188046	3.766648	0.053829	3.716559	5197.009	22.92026
2060	NA	NA	1021.612	2249146	3.765296	0.053438	3.861112	5195.392	22.94298
2034	NA	NA	957.2493	2311348	3.760706	0.053043	4.007013	5193.757	22.96569
1994	NA	NA	1006.141	2375008	3.753672	0.052651	4.153979	5192.087	22.98754
1887	27.2153	20.76132	1146.812	2440457	3.745733	0.052247	4.301734	5190.369	23.00398
1894	27.37697	20.79841	1086.564	2507772	3.743123	0.051865	4.450003	5187.711	23.01447
1928	27.46062	20.85463	1138.216	2577035	3.735999	0.051482	4.598525	5184.082	23.02507
1914	28.05227	21.28512	724.5478	2648507	3.72508	0.051126	4.747049	5179.391	23.031
1892	29.83352	22.52376	649.9054	2722497	3.710454	0.050807	4.895338	5173.546	23.03789
1885	30.53381	23.05773	755.9168	2799255	3.693018	0.050472	5.043177	5166.444	23.05463
1881	31.6431	23.66938	882.4251	2879222	3.678598	0.050079	5.190369	5157.333	23.07732
1917	32.35901	24.04891	784.0481	2962470	3.657083	0.049723	5.33674	5146.993	23.10594
1945	31.43381	23.34499	639.4986	3048453	3.63053	0.049428	5.482141	5135.403	23.14039
1999	31.82906	23.53772	750.5266	3136344	3.600594	0.050268	5.626452	5122.542	23.18329
2061	31.62735	23.37027	998.1969	3225727	3.568653	0.05101	5.769579	5108.403	23.22211
2104	30.81204	22.58851	842.7091	3315806	3.549363	0.051777	5.911455	5097.788	23.2615
2116	30.67316	22.26854	886.3617	3407180	3.526054	0.052635	6.052047	5091.842	23.30503
2087	31.61882	22.62236	998.1013	3502519	3.498853	0.053661	6.191349	5091.101	23.35247
2098	32.36658	22.88387	1289.338	3605439	3.466846	0.055975	6.329384	5096.152	23.39075
1881	33.31977	23.31939	1637.064	3718243	3.430168	0.058789	6.466207	5107.637	23.44113
1974	33.6808	23.32318	2012.11	3842365	3.416099	0.06201	6.6019	5123.212	23.48882
1928	34.09845	23.48305	2111.209	3976246	3.398004	0.065644	6.736573	5138.122	23.526

1905	34.58245	23.69829	2881.594	4115435	3.377091	0.069445	6.87036	5151.881	23.55851
1985	34.8241	23.78339	2255.333	4253712	3.355281	0.073242	7.003422	5163.913	23.58741
1992	35.54375	24.15677	2737.342	4386693	3.334015	0.076825	7.135939	5173.534	23.61617
2033	35.97254	24.13342	3196.648	4512730	3.341348	0.079813	7.268112	5179.94	23.65683
1998	36.82681	24.48231	2952.052	4633363	3.347266	0.0804	7.400157	5185.512	23.70286
2021	37.70048	24.85677	2964.573	4751393	3.352764	0.080362	7.532304	5188.438	23.74769
2090	38.56606	25.29617	2910.52	4871101	3.358543	0.079879	7.664791	5190.726	23.79525
2172	39.28121	25.6585	1712.121	4995648	3.36591	0.079055	7.797864	5192.274	23.84378
2154	39.88792	25.79347	1762.81	5125821	3.382912	0.078028	7.931767	5193.002	23.88618
2144	40.44107	25.94562	1654.01	5260750	3.401777	0.078028	8.066747	5192.899	23.88618
1684	NA	NA	354.8152	1381917	3.029704	NA	3.696189	NA	NA
1720	NA	NA	334.4868	1432585	3.045055	NA	3.783854	NA	NA
1735	NA	NA	344.829	1484510	3.065793	NA	3.872255	NA	NA
1764	NA	NA	353.0019	1537041	3.089573	NA	3.961363	NA	NA
1841	NA	NA	373.033	1589621	3.116026	NA	4.051149	NA	NA
1790	NA	NA	394.1732	1642186	3.157559	NA	4.141582	NA	NA
1769	NA	NA	412.7294	1694710	3.202436	NA	4.232627	NA	NA
1785	NA	NA	442.9877	1746869	3.250616	NA	4.324249	NA	NA
1799	NA	NA	474.6844	1798311	3.303544	NA	4.416409	NA	NA
1837	NA	NA	532.6671	1848866	3.362818	NA	4.509064	NA	NA
1867	NA	NA	567.4123	1898360	3.432752	NA	4.602168	NA	NA
1872	NA	NA	635.9636	1947048	3.504998	NA	4.695673	NA	NA
1873	NA	NA	766.0887	1995743	3.57997	NA	4.789525	NA	NA
1860	NA	NA	814.7052	2045580	3.656811	NA	4.883669	NA	NA
1877	NA	NA	934.8989	2097407	3.734182	NA	4.978045	NA	NA
1916	NA	NA	1121.338	2151497	3.813112	NA	5.072593	NA	NA
1931	NA	NA	1391.671	2207725	3.884089	NA	5.167248	NA	NA
1902	NA	NA	1554.708	2266154	3.948673	NA	5.261947	NA	NA
1956	NA	NA	1734.436	2326704	4.008245	NA	5.356624	NA	NA
2038	NA	NA	2022.11	2389310	4.064144	0.126235	5.451214	6369.96	24.78158
1924	NA	NA	1069.14	2454129	4.115635	0.124204	5.545653	6366.133	24.83183
1847	NA	NA	1033.894	2521168	4.166521	0.122307	5.63988	6362.784	24.88086
1981	NA	NA	1215.002	2589930	4.217566	0.120571	5.733835	6359.808	24.92995
2011	NA	NA	1376.232	2659781	4.269788	0.119056	5.827463	6357.128	24.98283
2074	NA	NA	1435.483	2730233	4.325272	0.117736	5.920712	6354.693	25.04121
2053	NA	NA	1577.653	2800986	4.392453	0.116631	6.013539	6350.869	25.11311
2102	NA	NA	1578.21	2872211	4.460884	0.11577	6.105903	6347.046	25.19082
2135	NA	NA	1567.173	2944557	4.532634	0.115225	6.197771	6343.18	25.2723
2191	NA	NA	1739.352	3018955	4.611298	0.115094	6.28912	6339.233	25.35785
2222	38.71822	14.11105	1844.863	3095995	4.698974	0.115315	6.379931	6335.171	25.4437
2206	38.9217	14.05633	2257.491	3175649	4.779936	0.115828	6.470195	6330.788	25.52698
2186	38.05227	13.71175	2618.168	3257466	4.867649	0.116647	6.559911	6326.183	25.61655
2221	38.29962	13.78456	2854.62	3341004	4.961353	0.117717	6.649087	6321.335	25.70093
2224	41.00599	14.65961	3045.407	3425690	5.059214	0.118706	6.737739	6316.226	25.77874
2260	43.11623	15.21744	3279.327	3510926	5.160889	0.119927	6.825892	6310.838	25.84794
2215	41.89927	14.59503	3230.234	3596732	5.258079	0.121197	6.913579	6305.484	25.90886
2218	40.80176	14.08972	3408.365	3682725	5.357147	0.122415	7.000841	6300.366	25.96483
2260	42.15713	14.53357	3614.563	3767373	5.461233	0.123592	7.087725	6295.527	26.02538
2300	41.85257	14.37348	3688.398	3848723	5.573823	0.119928	7.174289	6291.013	26.1011

2310	41.14146	13.92212	3808.364	3925443	5.697854	0.116715	7.260595	6286.88	26.16856
2317	43.93756	14.50466	3981.528	3996798	5.83362	0.10937	7.346712	6286.523	26.22763
2274	44.13673	14.36188	4062.015	4063204	5.980527	0.102964	7.432714	6289.959	26.28409
2249	45.39076	14.74758	4167.714	4125971	6.137852	0.097619	7.518682	6297.51	26.34457
2269	45.90258	14.81163	4425.507	4187038	6.303143	0.093072	7.604701	6309.526	26.44058
2301	45.75719	14.51679	4697.011	4247841	6.47569	0.08852	7.690859	6326.383	26.49963
2353	48.0601	15.11054	5245.187	4308794	6.650446	0.084583	7.777247	6344.744	26.55193
2334	41.96294	13.19618	6120.623	4369469	6.824307	0.08015	7.863961	6361.065	26.61001
2341	44.44308	13.8529	6911.136	4429508	7.007889	0.075842	7.951097	6374.816	26.67133
2349	48.12231	14.65581	6809.396	4488263	7.216244	0.076793	8.038752	6385.388	26.72736
2357	53.06752	15.83571	8199.415	4545280	7.457802	0.077601	8.127026	6392.088	26.79229
2397	51.35285	15.14306	9186.596	4600474	7.707206	0.076565	8.216017	6394.122	26.86087
2365	52.09369	15.13694	9985.37	4654122	7.989885	0.075581	8.305821	6394.672	26.931
2379	53.47999	15.32435	10569.67	4706401	8.293875	0.074673	8.396535	6395.129	26.99721
2431	52.30671	14.86731	10631	4757575	8.600432	0.073915	8.488252	6395.013	27.06678
2447	52.82452	14.81308	11393.03	4807852	8.901064	0.073218	8.58106	6394.435	27.12079
2527	56.01787	15.53344	11767.5	4857274	9.188323	0.072582	8.675047	6393.684	27.16669
2549	56.86914	15.62897	11677.27	4905769	9.467649	0.072582	8.770293	6393.421	27.16669
2246	NA	NA	167.3555	3694205	2.438793	NA	0.483851	NA	NA
2340	NA	NA	167.9959	3841071	2.445568	NA	0.513041	NA	NA
2424	NA	NA	190.4074	3996941	2.448447	NA	0.54393	NA	NA
2496	NA	NA	221.5178	4157965	2.449203	NA	0.576585	NA	NA
2524	NA	NA	212.8218	4321791	2.449332	NA	0.611069	NA	NA
2491	NA	NA	228.2274	4487204	2.455672	NA	0.647444	NA	NA
2492	NA	NA	232.5689	4656353	2.458684	NA	0.685766	NA	NA
2590	NA	NA	265.0408	4834279	2.458629	NA	0.726083	NA	NA
2548	NA	NA	270.7574	5027971	2.455623	NA	0.76844	NA	NA
2574	NA	NA	277.637	5242395	2.449949	NA	0.812873	NA	NA
2515	NA	NA	289.1094	5479338	2.454402	NA	0.859408	NA	NA
2486	NA	NA	322.3479	5737281	2.45693	NA	0.908063	NA	NA
2455	NA	NA	417.1066	6013862	2.458636	NA	0.958845	NA	NA
2447	NA	NA	486.9171	6305287	2.460522	NA	1.01175	NA	NA
2626	NA	NA	589.2071	6608609	2.463408	NA	1.066763	NA	NA
2633	NA	NA	673.417	6922982	2.467029	NA	1.123854	NA	NA
2646	NA	NA	864.287	7248828	2.469296	NA	1.182985	NA	NA
2687	NA	NA	1041.473	7585914	2.471924	NA	1.2441	NA	NA
2832	NA	NA	1152.334	7934279	2.476797	NA	1.307135	NA	NA
2822	NA	NA	1226.913	8293675	2.485304	0.093316	1.37201	5527.861	21.94367
2882	NA	NA	973.284	8664057	2.49322	0.091928	1.438635	5520.553	21.97082
2822	NA	NA	836.6557	9044473	2.503363	0.090626	1.506908	5514.159	21.99567
2720	NA	NA	724.9423	9432731	2.515825	0.089385	1.576717	5508.475	22.00745
2769	NA	NA	696.2752	9826055	2.530232	0.088158	1.64794	5503.36	22.01478
2690	NA	NA	682.5738	10222558	2.547229	0.087008	1.720448	5498.709	22.02294
2654	NA	NA	862.342	10620267	2.568579	0.085875	1.794105	5491.409	22.03341
2551	NA	NA	915.424	11019651	2.588204	0.084762	1.86877	5484.109	22.03072
2549	NA	NA	897.6661	11424260	2.607924	0.083697	1.944301	5476.727	22.04062
2496	NA	NA	824.1583	11839243	2.629661	0.082999	2.020556	5469.19	22.05508
2464	22.43811	17.21649	880.0185	12267754	2.654585	0.082395	2.097393	5461.433	22.07238
2477	22.51773	17.24998	825.5407	12710008	2.673311	0.08149	2.174677	5453.344	22.09603



2481	22.50912	17.25899	847.2958	13163019	2.690523	0.080602	2.25228	5445.132	22.12821
2413	22.9395	17.5923	810.833	13622731	2.707533	0.07974	2.330082	5436.787	22.17011
2438	23.20703	17.80519	590.3001	14083611	2.725515	0.078878	2.407978	5428.303	22.22606
2478	23.60445	18.09678	756.5011	14540820	2.745423	0.078023	2.485875	5419.683	22.31635
2524	24.01542	18.34869	809.5387	14995249	2.753839	0.077043	2.563702	5411.855	22.44581
2588	24.37396	18.56268	758.9119	15445986	2.755661	0.076078	2.641402	5404.973	22.61438
2549	24.94274	18.9156	793.9811	15884552	2.752662	0.075185	2.718943	5399.134	22.81187
2559	25.42485	19.2217	759.2922	16300233	2.746948	0.074943	2.796316	5394.444	22.97138
2533	25.75149	19.41166	642.2547	16686561	2.740121	0.074865	2.873536	5391.02	23.11413
2545	25.92853	19.4623	656.8346	17040152	2.760773	0.074924	2.950643	5391.951	23.24462
2562	25.96717	19.38588	710.9612	17366517	2.773199	0.075258	3.027702	5396.638	23.36118
2582	26.16198	19.42125	865.7896	17679355	2.777432	0.075768	3.104807	5405.338	23.46471
2640	26.26888	19.3977	919.8068	17997738	2.773015	0.077798	3.182075	5418.321	23.53765
2691	26.6507	19.57699	931.7543	18336303	2.760098	0.08045	3.259649	5435.87	23.59964
2690	26.99135	19.71767	951.9479	18699435	2.79755	0.083483	3.337694	5455.907	23.62283
2688	27.09501	19.69154	1065.896	19085941	2.825818	0.086774	3.416398	5475.302	23.62821
2636	27.15701	19.61526	1242.431	19497986	2.844837	0.09008	3.49597	5493.655	23.63104
2638	27.28744	19.5765	1217.749	19936366	2.854001	0.093153	3.576636	5510.507	23.62179
2640	27.55202	19.63196	1219.749	20401331	2.853461	0.095887	3.658636	5525.333	23.61196
2681	27.80858	19.73182	1214.704	20895311	2.874808	0.097905	3.742223	5537.531	23.61302
2687	28.24456	19.97188	1250.809	21418603	2.885081	0.09772	3.827662	5549.016	23.63583
2697	28.71806	20.25742	1423.682	21966312	2.887877	0.097015	3.915222	5554.872	23.66558
2474	29.1305	20.50293	1568.628	22531350	2.887106	0.095875	4.005176	5559.812	23.70705
2512	29.40963	20.62879	1715.106	23108472	2.885102	0.0945	4.097798	5563.566	23.75787
2560	29.45843	20.56255	1493.506	23695919	2.911117	0.092983	4.193359	5565.747	23.81234
2642	29.49581	20.44713	1537.504	24294750	2.932794	0.092983	4.292123	5565.742	23.81234
1927	58.02986	20.57153	NA	4470000	12.40721	0.309995	11.48455	7698.858	25.67951
1884	58.42458	20.65122	NA	4640000	12.82845	0.296196	11.55938	7698.896	25.66829
2005	59.22762	20.82084	NA	4650000	13.25518	0.28374	11.63382	7698.176	25.66321
2179	59.32225	20.88753	4794.937	4669000	13.68532	0.272914	11.70788	7696.625	25.68415
2166	62.99872	21.96747	5268.806	4494000	14.1174	0.268182	11.78154	7691.721	25.72518
2193	65.29116	22.59388	5210.43	4572000	14.51278	0.265443	11.85477	7683.806	25.81307
2177	65.4731	22.54066	5650.332	4501000	14.87853	0.264177	11.92757	7672.665	25.91525
2268	65.63379	22.59574	5135.473	4554000	15.22707	0.266524	11.99991	7658.066	25.98658
2292	64.45903	21.98304	4919.628	4426000	15.56567	0.268508	12.07177	7639.764	26.07062
2453	64.09195	21.54913	5245.421	4440000	15.97394	0.269935	12.14313	7622.602	26.17333
2544	64.88804	21.59464	6051.453	4440000	16.3979	0.271067	12.21396	7609.428	26.27667
2542	67.04075	21.89313	7807.944	4440000	16.7936	0.272288	12.28425	7600.879	26.38575
2562	66.68488	21.29601	9354.228	4439000	17.08886	0.276001	12.35395	7597.668	26.45227
2595	66.35341	21.06985	10208.73	4442000	17.24747	0.28037	12.42305	7600.596	26.51159
2698	66.7323	20.98527	11345.74	4440000	17.41223	0.285074	12.49153	7608.944	26.55123
2743	71.24368	21.97354	13546.87	4436000	17.43988	0.289226	12.55936	7618.001	26.59312
2763	72.65181	22.10893	15892.32	4434508	17.40709	0.293385	12.62652	7627.466	26.62834
2710	68.81113	20.8338	14168.67	4429078	17.42641	0.297413	12.69301	7636.958	26.6378
2603	72.31285	21.65488	13546.21	4417781	17.56005	0.300489	12.75879	7645.992	26.63777
2633	72.03864	21.48932	14578.29	4280622	17.71199	0.302562	12.82386	7653.97	26.62524
2668	71.04216	21.13645	13250.76	4267558	17.94978	0.300815	12.88822	7661.914	26.65126
2725	70.99638	20.83611	13663.52	4255689	18.2512	0.297829	12.95185	7665.951	26.6844
2587	71.85805	21.01289	13606.89	4238389	18.57064	0.294657	13.01476	7669.497	26.71344

2685	74.71944	21.84649	11773.26	4203604	18.88317	0.291263	13.07694	7672.304	26.73824
2774	67.62652	19.88894	12371	4174349	19.30678	0.287913	13.13839	7674.014	26.76717
2725	65.1712	19.09288	13382.72	4125700	19.72417	0.287913	13.19912	7674.074	26.76717
1647	NA	NA	NA	7289826	4.72335	NA	5.06984	NA	NA
1704	NA	NA	NA	7450402	4.76636	NA	5.168084	NA	NA
1893	NA	NA	NA	7618354	4.803597	NA	5.268783	NA	NA
1833	NA	NA	NA	7787146	4.868767	NA	5.371932	NA	NA
1841	NA	NA	NA	7951933	4.977972	NA	5.477515	NA	NA
1728	NA	NA	NA	8110430	5.096203	NA	5.585498	NA	NA
1798	NA	NA	NA	8263546	5.269009	NA	5.695838	NA	NA
1905	NA	NA	NA	8413327	5.472936	NA	5.808472	NA	NA
1955	NA	NA	NA	8563193	5.671459	NA	5.923327	NA	NA
2073	NA	NA	653.2329	8715123	5.847812	NA	6.040316	NA	NA
2243	NA	NA	779.5591	8869961	6.056949	NA	6.159337	NA	NA
2144	NA	NA	901.3718	9025300	6.230951	NA	6.280277	NA	NA
2122	NA	NA	1088.454	9176052	6.38511	NA	6.403011	NA	NA
2276	NA	NA	1224.423	9315373	6.547467	NA	6.527407	NA	NA
2154	NA	NA	1380.251	9438442	6.73234	NA	6.653319	NA	NA
2220	NA	NA	1444.802	9544271	6.919942	NA	6.780598	NA	NA
2199	NA	NA	1474.482	9634680	7.131539	NA	6.909087	NA	NA
2251	NA	NA	1837.502	9711392	7.355979	NA	7.038625	NA	NA
2195	NA	NA	2003.054	9777290	7.568171	NA	7.169046	NA	NA
2367	NA	NA	2024.66	9835177	7.755061	0.313923	7.300186	3131.954	23.87726
2389	NA	NA	2038.63	9884213	7.962465	0.308267	7.431878	3132.424	23.91521
2371	NA	NA	2111.052	9925623	8.126976	0.302542	7.563957	3132.835	23.94803
2408	NA	NA	2227.906	9966733	8.26348	0.296812	7.696259	3133.2	24.03065
2449	NA	NA	2399.844	10017059	8.396367	0.291168	7.828625	3133.529	24.09481
2490	NA	NA	2273.184	10082989	8.536804	0.285709	7.960899	3133.827	24.17705
2430	NA	NA	2382.609	10168087	8.590406	0.28047	8.092933	3134.297	24.26134
2409	NA	NA	2455.209	10269567	8.651582	0.275374	8.224582	3134.766	24.29416
2395	NA	NA	2645.491	10379548	8.717152	0.270563	8.35571	3135.24	24.34241
2409	NA	NA	2576.975	10486509	8.781817	0.266475	8.486188	3135.724	24.37833
2342	46.0944	17.76022	2706.976	10582081	8.847258	0.262462	8.615894	3136.223	24.42118
2160	47.04539	17.75705	2280.336	10663585	8.910427	0.258712	8.744717	3136.41	24.47081
1932	48.29774	18.11365	2057.683	10733363	8.985832	0.255288	8.872551	3136.241	24.47639
1751	48.40119	18.18416	2072.167	10794135	9.066563	0.252349	8.999301	3135.685	24.43808
1826	47.60699	17.87213	2621.824	10850585	9.145157	0.2499	9.124881	3134.705	24.39662
1754	47.52875	17.80318	2790.178	10906043	9.219714	0.248173	9.249213	3133.262	24.37014
1849	47.39978	17.76565	2282.396	10961012	9.347495	0.247036	9.372227	3131.289	24.36611
1908	45.64637	17.00754	2303.064	11013983	9.455163	0.245582	9.493863	3129.096	24.35683
2021	46.11683	16.98017	2326.112	11064097	9.559298	0.244537	9.614069	3126.695	24.39147
2230	46.25073	16.83222	2553.07	11110004	9.682598	0.241164	9.7328	3124.101	24.45933
2393	45.8449	16.46713	2741.111	11150736	9.8371	0.237867	9.850019	3121.337	24.54745
2465	47.33831	16.8199	2832.189	11186542	10.02227	0.234474	9.965696	3120.684	24.64441
2594	45.61739	16.02622	2994.34	11217998	10.23476	0.228442	10.07981	3122.407	24.75583
2715	47.74136	16.53162	3192.669	11244885	10.46835	0.221585	10.19234	3126.74	24.89146
2745	48.97191	16.8184	3390.716	11266941	10.70937	0.214002	10.30328	3133.942	25.03263
2727	50.96738	17.21743	3779.057	11284253	10.95162	0.207178	10.41263	3144.288	25.16212
2763	49.74187	16.56427	4669.061	11296233	11.26132	0.20025	10.52038	3156.135	25.27825

2766	50.99053	16.92419	5184.494	11303687	11.56952	0.193118	10.62654	3167.171	25.3865
2684	52.79372	17.54265	5376.448	11309754	11.87589	0.186334	10.73112	3177.106	25.43994
2656	52.50725	17.42117	5484.776	11318602	12.18119	0.180068	10.83414	3185.603	25.51361
2569	52.87188	17.4567	5676.141	11333051	12.48719	0.17434	10.93561	3192.27	25.58655
2724	50.72654	16.56148	6075.924	11354651	12.75545	0.1693	11.03555	3196.656	25.66009
2811	52.58267	16.90038	6425.941	11382146	13.00823	0.164356	11.13398	3200.363	25.74088
2885	53.39019	16.95888	6760.153	11412167	13.26639	0.159809	11.23094	3202.31	25.79915
2832	53.77823	16.98877	7050.493	11439767	13.55934	0.155568	11.32646	3203.797	25.86177
2803	56.13028	17.48862	7602.279	11461432	13.90534	0.153296	11.42056	3204.773	25.92182
2900	57.74175	17.64672	7961.846	11475982	14.29107	0.151154	11.51327	3205.21	25.97647
2894	57.78637	17.42484	8433.093	11484636	14.73771	0.151154	11.60465	3205.127	25.97647
2267	NA	NA	NA	576395	6.105709	NA	8.142852	NA	NA
2207	NA	NA	NA	577691	6.310121	NA	8.205458	NA	NA
2154	NA	NA	NA	577913	6.439378	NA	8.268975	NA	NA
2369	NA	NA	NA	578627	6.476366	NA	8.333463	NA	NA
2443	NA	NA	NA	580966	6.479381	NA	8.398976	NA	NA
2499	NA	NA	NA	585308	7.105661	NA	8.465571	NA	NA
2645	NA	NA	NA	591308	7.815893	NA	8.533297	NA	NA
2720	NA	NA	NA	598493	8.564177	NA	8.602207	NA	NA
2879	NA	NA	NA	606113	9.318724	NA	8.672346	NA	NA
2767	NA	NA	NA	613621	10.07511	NA	8.743758	NA	NA
2781	NA	NA	NA	620859	10.04093	NA	8.816484	NA	NA
2526	NA	NA	NA	628002	9.98707	NA	8.890558	NA	NA
2560	NA	NA	NA	635111	9.911338	NA	8.966013	NA	NA
2201	NA	NA	NA	642339	9.819893	NA	9.042875	NA	NA
2233	NA	NA	976.3342	649755	9.724281	NA	9.121167	NA	NA
2112	NA	NA	1157.412	657534	9.676762	NA	9.200904	NA	NA
2110	NA	NA	1476.272	665528	9.610865	NA	9.282099	NA	NA
2185	NA	NA	1929.404	673251	9.531363	NA	9.364758	NA	NA
2272	NA	NA	2559.26	680011	9.442935	NA	9.44888	NA	NA
2227	NA	NA	4232.023	685406	9.350516	0.225601	9.534459	4178.821	24.21332
2261	NA	NA	4033.24	689173	9.462065	0.228133	9.621485	4174.907	24.25718
2420	NA	NA	4122.784	691702	9.573342	0.230889	9.709939	4171.482	24.30479
2407	NA	NA	4091.048	694077	9.678753	0.233863	9.799798	4168.438	24.37609
2490	NA	NA	4258.744	697717	9.769434	0.236959	9.891032	4165.698	24.47073
2574	NA	NA	4488.287	703687	9.843155	0.240173	9.983606	4163.207	24.56594
2453	NA	NA	5642.631	712341	9.837704	0.243584	10.07748	4159.297	24.65941
2439	NA	NA	6690.578	723380	9.83978	0.24747	10.1726	4155.387	24.74603
2406	NA	NA	7645.63	736479	9.853777	0.251935	10.26892	4151.434	24.82575
2425	NA	NA	8038.914	751044	9.876785	0.253948	10.36638	4147.397	24.92264
2374	59.27283	22.69776	9641.575	766614	9.90655	0.255669	10.46491	4143.243	25.02896
2408	59.2406	22.15408	9696.1	783129	9.926717	0.257098	10.56445	4138.525	25.10903
2457	62.55881	22.44075	11310.07	800609	9.947927	0.258221	10.66491	4133.322	25.21699
2446	66.50639	22.52	10526.14	818751	9.983133	0.259029	10.76622	4127.589	25.34938
2448	70.07925	22.80697	11617.69	837110	10.03942	0.259528	10.86829	4121.282	25.45695
2428	69.48604	22.76585	15098.01	855384	10.11628	0.259783	10.97103	4114.357	25.56415
2391	67.81796	22.72691	14969.42	873423	10.11285	0.26117	11.07434	4106.464	25.65217
2398	69.04673	23.16128	14303.54	891192	10.12341	0.262305	11.17812	4097.979	25.7401
2408	72.97049	23.06974	15247.29	908704	10.14797	0.263135	11.28226	4088.891	25.81975



2989	NA	NA	NA	NA	NA	NA	NA	NA
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3005	NA	NA	NA	NA	NA	NA	NA	NA
2953	NA	NA	NA	NA	NA	NA	NA	NA
2922	NA	NA	NA	NA	NA	NA	NA	NA
2924	NA	NA	NA	NA	NA	NA	NA	NA
2913	NA	NA	NA	NA	NA	NA	NA	NA
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2930	NA	NA	NA	NA	NA	NA	NA	NA
2923	NA	NA	NA	NA	NA	NA	NA	NA
2895	NA	NA	NA	NA	NA	NA	NA	NA
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2890	NA	NA	NA	NA	NA	NA	NA	NA
2901	NA	NA	NA	NA	NA	NA	NA	NA
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3072	NA	NA	NA	NA	NA	NA	NA	NA
3091	NA	NA	NA	NA	NA	NA	NA	NA
3153	NA	NA	NA	NA	NA	NA	NA	NA
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3158	NA	NA	NA	NA	NA	NA	NA	NA
2841	NA	NA	NA	NA	NA	NA	NA	NA
2717	NA	NA	NA	NA	NA	NA	NA	NA
1866	NA	NA	NA	NA	NA	NA	NA	NA
1894	NA	NA	NA	NA	NA	NA	NA	NA
2003	NA	NA	NA	NA	NA	NA	NA	NA
2083	NA	NA	NA	NA	NA	NA	NA	NA
1942	NA	NA	NA	NA	NA	NA	NA	NA
2002	NA	NA	NA	NA	NA	NA	NA	NA
1844	NA	NA	NA	NA	NA	NA	NA	NA
1830	NA	NA	NA	NA	NA	NA	NA	NA
1980	NA	NA	NA	NA	NA	NA	NA	NA
1949	NA	NA	NA	NA	NA	NA	NA	NA
1974	NA	NA	NA	NA	NA	NA	NA	NA
1972	NA	NA	NA	NA	NA	NA	NA	NA
2049	NA	NA	NA	NA	NA	NA	NA	NA
1974	NA	NA	NA	NA	NA	NA	NA	NA
2053	NA	NA	NA	NA	NA	NA	NA	NA
2163	NA	NA	NA	NA	NA	NA	NA	NA
2116	NA	NA	NA	NA	NA	NA	NA	NA
2110	NA	NA	NA	NA	NA	NA	NA	NA
2279	NA	NA	NA	NA	NA	NA	NA	NA
2125	NA	NA	NA	NA	NA	NA	NA	NA
2235	NA	NA	NA	NA	NA	NA	NA	NA
1944	NA	NA	NA	NA	NA	NA	NA	NA

1969	NA	NA	NA	NA	NA	NA	NA	NA
2010	NA	NA	NA	NA	NA	NA	NA	NA
2016	NA	NA	NA	NA	NA	NA	NA	NA
2129	NA	NA	NA	NA	NA	NA	NA	NA
2125	NA	NA	NA	NA	NA	NA	NA	NA
2081	NA	NA	NA	NA	NA	NA	NA	NA
2186	NA	NA	NA	NA	NA	NA	NA	NA
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2185	NA	NA	NA	NA	NA	NA	NA	NA
2226	NA	NA	NA	NA	NA	NA	NA	NA
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2100	NA	NA	NA	NA	NA	NA	NA	NA
2085	NA	NA	NA	NA	NA	NA	NA	NA
2119	NA	NA	NA	NA	NA	NA	NA	NA
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2171	NA	NA	NA	NA	NA	NA	NA	NA
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2111	NA	NA	NA	NA	NA	NA	NA	NA
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2038	NA	NA	NA	NA	NA	NA	NA	NA
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2041	NA	NA	NA	NA	NA	NA	NA	NA
2060	NA	NA	NA	NA	NA	NA	NA	NA
2064	NA	NA	NA	NA	NA	NA	NA	NA
2055	NA	NA	NA	NA	NA	NA	NA	NA
2040	NA	NA	NA	NA	NA	NA	NA	NA
2056	NA	NA	NA	NA	NA	NA	NA	NA
2017	NA	NA	NA	NA	NA	NA	NA	NA
2000	NA	NA	NA	NA	NA	NA	NA	NA
2688	NA	1503.537	4611687	10.76309	NA	12.39104	NA	NA
2583	NA	1681.03	4647727	10.92668	NA	12.44867	NA	NA
2593	NA	1775.37	4684483	11.08999	NA	12.50526	NA	NA
2618	NA	2013.243	4722072	11.24745	NA	12.5608	NA	NA
2594	NA	2243.932	4759012	11.39938	NA	12.61528	NA	NA
2605	NA	2443.26	4797381	11.58621	NA	12.66869	NA	NA
2572	NA	2644.787	4835354	11.76563	NA	12.72103	NA	NA
2590	NA	2712.612	4864883	11.94077	NA	12.77229	NA	NA
2578	NA	3068.237	4891860	12.11632	NA	12.8225	NA	NA
2635	NA	3464.457	4928757	12.29603	NA	12.87166	NA	NA
2671	NA	3845.496	4963126	12.5373	NA	12.91978	NA	NA
2605	NA	4654.305	4991596	12.76776	NA	12.9669	NA	NA
2510	NA	6119.373	5021861	12.98973	NA	13.01303	NA	NA
2518	NA	6770.734	5045297	13.20527	NA	13.05821	NA	NA

2500	NA	NA	7999.112	5059862	13.41591	NA	13.10249	NA	NA
2479	NA	NA	8787.581	5072596	13.64923	NA	13.1459	NA	NA
2580	NA	NA	9783.841	5088419	13.87002	NA	13.18851	NA	NA
2579	NA	NA	11826	5104248	14.07631	NA	13.23035	NA	NA
2622	NA	NA	13752.01	5116801	14.26204	NA	13.27151	NA	NA
2691	NA	NA	13883.9	5123027	14.42527	0.446865	13.31205	4957.266	24.3374
2695	NA	NA	12081.79	5121572	14.60493	0.432605	13.35204	4952.878	24.35596
2643	NA	NA	11804.43	5117810	14.75094	0.419243	13.39156	4949.039	24.37628
2585	NA	NA	11857.9	5114297	14.87487	0.406963	13.43069	4945.626	24.3994
2599	NA	NA	11562.91	5111619	14.99086	0.395763	13.46952	4942.554	24.427
2748	NA	NA	12253.1	5113691	15.1056	0.385401	13.50813	4939.762	24.45863
2730	NA	NA	17201.08	5120534	15.26143	0.375609	13.54663	4935.378	24.49129
2805	NA	NA	21340.71	5127024	15.39469	0.365599	13.5851	4930.994	24.52369
2848	NA	NA	22527.05	5129516	15.50036	0.355507	13.62363	4926.562	24.54678
2799	NA	NA	21901.06	5132594	15.5706	0.349548	13.66232	4922.036	24.5769
2760	86.5989	34.56068	26891.44	5140939	15.60128	0.344743	13.70125	4917.379	24.6358
2811	85.33943	33.75459	27011.39	5154298	15.58759	0.341009	13.74051	4912.442	24.69265
2910	88.21565	34.32785	29569.65	5171370	15.53932	0.338798	13.78019	4907.346	24.7477
2895	90.50716	34.67365	27597.97	5188628	15.46076	0.336542	13.82036	4902.075	24.8048
2868	91.74957	34.50858	29995.57	5206180	15.35735	0.333964	13.8611	4896.619	24.85843
2966	94.70706	34.9082	35351.38	5233373	15.23635	0.328768	13.90246	4890.969	24.92706
2881	93.94707	33.81087	35650.72	5263074	15.17563	0.323309	13.9445	4884.233	25.0069
2916	95.6554	33.48307	32835.93	5284991	15.1023	0.316858	13.98727	4876.447	25.10133
3003	92.73454	31.74224	33368.15	5304219	15.02055	0.309776	14.03081	4867.53	25.20105
2970	100.1739	33.33255	33440.8	5321799	14.93523	0.301248	14.07513	4857.395	25.28839
2918	95.33075	31.10352	30743.56	5339616	14.85376	0.29228	14.12026	4845.949	25.38187
2958	97.48748	30.9031	30751.65	5358783	14.88221	0.281071	14.16618	4837.868	25.47671
2940	100.215	30.8065	33228.69	5375931	14.90493	0.269728	14.21291	4834.444	25.5532
2908	98.54385	29.42137	40458.77	5390574	14.94288	0.258147	14.26041	4836.196	25.61465
2942	97.97993	28.40531	46511.6	5404523	15.02108	0.247216	14.30864	4843.696	25.67031
3043	96.73572	27.43209	48799.82	5419432	15.1527	0.236682	14.35758	4857.579	25.71365
2999	99.24198	27.41308	52026.99	5437272	15.38904	0.225345	14.40716	4875.575	25.75263
2962	103.9975	27.72914	58487.05	5461438	15.65797	0.214151	14.45731	4892.975	25.78259
2915	105.6755	27.14621	64322.07	5493621	15.96042	0.204565	14.50798	4909.301	25.80872
2934	107.1048	26.8764	58163.29	5523095	16.29727	0.195919	14.55908	4923.984	25.81766
2998	105.8649	26.167	58041.41	5547683	16.6677	0.188673	14.61053	4936.352	25.83736
2943	101.0901	24.75768	61753.66	5570572	17.03231	0.182874	14.66223	4945.616	25.85322
2920	98.79422	23.89227	58507.5	5591572	17.48958	0.178417	14.71409	4954.086	25.85121
2954	94.4023	22.70174	61191.19	5614932	18.02629	0.175178	14.76602	4958.457	25.83897
2931	90.7736	21.65069	62548.99	5643475	18.57023	0.173878	14.81792	4962.043	25.81896
2904	89.84479	21.40587	53013	5683483	19.04744	0.173386	14.86969	4964.657	25.79687
2927	91.14783	21.57516	53578.76	5728010	19.43085	0.173345	14.92124	4966.073	25.78162
2971	91.1689	21.60027	56307.51	5769603	19.67726	0.173345	14.97247	4966.012	25.78162
1263	NA	NA	NA	88498	2.310787	NA	0.637783	NA	NA
1341	NA	NA	NA	94204	2.31625	NA	0.666818	NA	NA
1248	NA	NA	NA	100628	2.328378	NA	0.697145	NA	NA
1311	NA	NA	NA	107583	2.347025	NA	0.728813	NA	NA
1255	NA	NA	NA	114963	2.369458	NA	0.761875	NA	NA
1330	NA	NA	NA	122866	2.365992	NA	0.796381	NA	NA

1320	NA	NA	NA	131397	2.365351	NA	0.832387	NA	NA
1379	NA	NA	NA	140462	2.37502	NA	0.869944	NA	NA
1336	NA	NA	NA	149887	2.387799	NA	0.909108	NA	NA
1384	NA	NA	NA	159659	2.408258	NA	0.949932	NA	NA
1404	NA	NA	NA	169372	2.404175	NA	0.99247	NA	NA
1343	NA	NA	NA	179224	2.406486	NA	1.036778	NA	NA
1386	NA	NA	NA	190568	2.420658	NA	1.082909	NA	NA
1310	NA	NA	NA	205181	2.433949	NA	1.130916	NA	NA
1303	NA	NA	NA	224183	2.448446	NA	1.180852	NA	NA
1288	NA	NA	NA	248556	2.391815	NA	1.232769	NA	NA
1219	NA	NA	NA	277479	2.350809	NA	1.286718	NA	NA
1120	NA	NA	NA	308008	2.326238	NA	1.342746	NA	NA
1079	NA	NA	NA	336085	2.326197	NA	1.400902	NA	NA
1133	NA	NA	NA	358960	2.353187	0.158648	1.46123	8470.387	21.53868
1157	NA	NA	NA	374937	2.377466	0.158811	1.523774	8469.822	21.54792
1184	NA	NA	NA	385271	2.41129	0.158935	1.588573	8469.328	21.55406
1238	NA	NA	NA	393802	2.453517	0.158962	1.655666	8468.889	21.56235
1228	NA	NA	NA	406017	2.490536	0.158907	1.725085	8468.494	21.58207
1262	NA	NA	801.1727	425613	2.514726	0.158791	1.796864	8468.134	21.59935
1286	NA	NA	NA	454361	2.522224	0.158612	1.871028	8467.57	21.62007
1264	NA	NA	761.4703	490330	2.522179	0.158353	1.947603	8467.006	21.64265
1295	NA	NA	748.1952	528999	2.524958	0.158048	2.026606	8466.436	21.66584
1226	NA	NA	725.7425	563864	2.543521	0.157703	2.108055	8465.854	21.69574
1326	23.30326	17.37316	766.141	590398	2.587068	0.157334	2.191961	8465.254	21.723
1220	23.36568	17.52236	762.0113	606844	2.62242	0.156951	2.278329	8464.387	21.75602
1224	23.97126	17.71116	777.2623	615054	2.667733	0.156512	2.367163	8463.248	21.78995
1300	24.02998	17.77147	753.5202	618495	2.718858	0.156052	2.45846	8461.812	21.82524
1317	24.35689	17.97189	790.0323	622366	2.766539	0.155586	2.552213	8460.05	21.86311
1421	24.52249	18.10919	789.5518	630388	2.802718	0.154938	2.648409	8457.937	21.90866
1423	24.91247	18.28614	767.4669	643682	2.852651	0.154021	2.747033	8452.472	21.9629
1492	25.09864	18.39548	760.5314	660953	2.89249	0.153292	2.848064	8443.621	22.02556
1587	25.06797	18.33813	755.5962	680612	2.927512	0.152875	2.951475	8431.1	22.08505
1635	24.98296	18.22564	765.7205	700099	2.964152	0.154008	3.057238	8414.603	22.15224
1731	24.69316	17.93879	768.1761	717584	3.007731	0.155906	3.165317	8393.798	22.22218
1726	24.82119	17.93286	781.2322	732711	3.061371	0.158658	3.275675	8372.974	22.30223
1792	25.3834	18.22485	792.1541	746221	3.118379	0.162727	3.38827	8355.402	22.39234
1824	26.12406	18.62674	819.9741	758615	3.178292	0.171415	3.503057	8341.687	22.49372
1871	26.84272	18.98413	864.1847	770752	3.239304	0.180311	3.619987	8332.511	22.60791
2002	27.37348	19.16471	904.7297	783254	3.3011	0.188542	3.739011	8328.65	22.72678
2040	27.52899	19.10246	965.6694	796208	3.368341	0.194859	3.860073	8330.294	22.84658
2123	27.57951	18.9954	1047.587	809402	3.435129	0.19575	3.983117	8333.295	22.96262
2154	27.67362	18.91005	1214.077	822934	3.504412	0.194394	4.108087	8337.482	23.09056
2179	27.92378	18.94331	1253.657	836840	3.578581	0.191422	4.234923	8342.611	23.20921
2173	28.25226	18.99717	1325.991	851146	3.659184	0.187134	4.363563	8348.356	23.33858
2206	28.61587	19.07802	1430.987	865937	3.752236	0.182829	4.493946	8354.29	23.46935
2225	29.07204	19.21587	1536.151	881185	3.848454	0.178335	4.626009	8360.612	23.5947
2278	29.5668	19.37961	1477.363	896688	3.943178	0.173691	4.75969	8363.792	23.71456
2317	30.17016	19.62883	1595.146	912164	4.027675	0.169243	4.894923	8366.723	23.82773
2400	30.7028	19.77398	1761.61	927414	4.100326	0.165188	5.031646	8369.162	23.93515



2338	31.19802	19.90461	1872.235	942333	4.161586	0.161495	5.169795	8370.741	24.02484
2359	31.56141	19.92162	1927.59	956985	4.212814	0.161495	5.309305	8370.855	24.02484
1392	NA	NA	NA	61032	NA	NA	4.955211	NA	NA
1482	NA	NA	NA	61982	NA	NA	5.035146	NA	NA
1520	NA	NA	NA	62918	NA	NA	5.115953	NA	NA
1509	NA	NA	NA	63926	NA	NA	5.19764	NA	NA
1547	NA	NA	NA	65038	NA	NA	5.280215	NA	NA
1489	NA	NA	NA	66311	NA	NA	5.363685	NA	NA
1469	NA	NA	NA	67686	NA	NA	5.448056	NA	NA
1565	NA	NA	NA	69040	NA	NA	5.533337	NA	NA
1554	NA	NA	NA	70213	NA	NA	5.619534	NA	NA
1563	NA	NA	NA	71073	NA	NA	5.706653	NA	NA
1536	NA	NA	NA	71569	NA	NA	5.794701	NA	NA
1573	NA	NA	NA	71734	NA	NA	5.883681	NA	NA
1584	NA	NA	NA	71744	NA	NA	5.973598	NA	NA
1587	NA	NA	NA	71807	NA	NA	6.064456	NA	NA
1605	NA	NA	NA	72094	NA	NA	6.156256	NA	NA
1647	NA	NA	NA	72642	NA	NA	6.248998	NA	NA
1797	NA	NA	624.8784	73411	NA	NA	6.342683	NA	NA
1842	NA	NA	769.5134	74242	NA	NA	6.437306	NA	NA
1923	NA	NA	734.3044	74925	NA	NA	6.532864	NA	NA
1968	NA	NA	966.6815	75314	NA	0.056584	6.629351	3194.448	23.65801
1963	NA	NA	1089.319	75375	NA	0.056482	6.726758	3189.066	23.71454
1939	NA	NA	1191.001	75170	NA	0.056355	6.825075	3184.357	23.78609
1896	NA	NA	1319.989	74747	NA	0.056226	6.924288	3180.171	23.87123
2054	NA	NA	1470.862	74213	NA	0.056102	7.024382	3176.403	23.96916
2104	NA	NA	1622.584	73643	NA	0.055992	7.12534	3172.978	24.07264
2306	NA	NA	1850.9	73025	NA	0.055878	7.227141	3167.602	24.18613
2424	NA	NA	2098.504	72370	NA	0.055774	7.329761	3162.225	24.30576
2500	NA	NA	2385.021	71742	NA	0.055674	7.433175	3156.789	24.43353
2559	NA	NA	2598.709	71242	NA	0.055585	7.537354	3151.238	24.55835
2522	42.1593	19.9359	2839.984	70926	NA	0.055485	7.642267	3145.525	24.67661
2477	43.20283	20.16383	3102.16	70842	NA	0.055407	7.747879	3139.518	24.78113
2450	43.60217	20.25145	3297.989	70970	NA	0.055285	7.854153	3133.368	24.88153
2414	43.72032	20.20406	3447.937	71210	NA	0.0552	7.961051	3127.062	24.98407
2411	44.46818	20.40252	3704.141	71373	NA	0.055067	8.06853	3120.59	25.0863
2535	44.83359	20.31368	3846.572	71368	NA	0.054969	8.176545	3113.949	25.18081
2504	46.00395	20.54147	4108.314	71145	NA	0.054906	8.28505	3107.859	25.26797
2539	46.48822	20.42627	4282.351	70753	NA	0.05466	8.393997	3102.483	25.347
2502	47.22081	20.36519	4586.852	70290	NA	0.054464	8.503332	3097.899	25.42747
2547	48.63921	20.61611	4745.991	69903	NA	0.052783	8.613005	3094.193	25.50603
2692	49.31748	20.60256	4785.994	69676	NA	0.051665	8.72296	3091.46	25.57054
2650	49.89674	20.52631	4883.093	69670	NA	0.050069	8.83314	3091.895	25.62048
2594	50.78449	20.70903	4771.929	69824	NA	0.048936	8.943489	3095.015	25.66503
2608	51.82325	21.00811	4897.931	70093	NA	0.048113	9.053948	3100.998	25.71253
2554	52.49237	21.17964	5217.453	70379	NA	0.047473	9.164458	3110.033	25.76303
2537	52.86823	21.17008	5157.448	70627	NA	0.046705	9.274958	3122.318	25.81051
2541	53.60696	21.41229	5511.463	70807	NA	0.04612	9.385387	3135.933	25.85563
2651	53.61462	21.46042	5939.054	70950	NA	0.045573	9.495685	3148.622	25.90613

2638	53.56258	21.53641	6446.664	71074	NA	0.04534	9.605792	3160.054	25.96234
2648	54.28992	21.92835	6866.225	71229	NA	0.045138	9.715646	3169.856	26.01263
2598	55.6383	22.44501	6912.436	71440	NA	0.044899	9.825188	3177.603	26.06048
2570	57.32627	22.9728	6986.047	71718	NA	0.044686	9.934358	3182.811	26.10521
2561	58.56886	23.35587	6745.85	72044	NA	0.044352	10.0431	3187.255	26.14183
2545	59.26315	23.57695	6933.414	72400	NA	0.044043	10.15135	3189.58	26.17423
2570	59.92246	23.75838	7193.668	72778	NA	0.043723	10.25906	3191.372	26.20821
2626	60.71036	24.05866	7392.235	73162	NA	0.04343	10.36618	3192.57	26.23726
2581	61.11541	24.09257	7824.922	73543	NA	0.043154	10.47264	3193.126	26.27171
2561	61.62216	24.05109	6719.337	73925	NA	0.043154	10.57841	3193.036	26.27171
1488	NA	NA	192.0267	3406299	2.583361	NA	2.442698	NA	NA
1533	NA	NA	234.0343	3521278	2.586958	NA	2.507782	NA	NA
1540	NA	NA	258.559	3638628	2.588998	NA	2.57573	NA	NA
1572	NA	NA	272.9143	3757956	2.59077	NA	2.646645	NA	NA
1535	NA	NA	228.9538	3878948	2.593719	NA	2.720617	NA	NA
1633	NA	NA	245.8905	4001375	2.611627	NA	2.797724	NA	NA
1612	NA	NA	250.854	4125109	2.628779	NA	2.878031	NA	NA
1620	NA	NA	253.9044	4250025	2.645726	NA	2.961585	NA	NA
1682	NA	NA	281.1894	4376054	2.663084	NA	3.048414	NA	NA
1688	NA	NA	329.8828	4503114	2.681544	NA	3.138522	NA	NA
1703	NA	NA	359.8486	4631114	2.713364	NA	3.231893	NA	NA
1719	NA	NA	417.5268	4759934	2.743946	NA	3.328482	NA	NA
1741	NA	NA	479.5645	4889436	2.774676	NA	3.428221	NA	NA
1785	NA	NA	582.87	5019473	2.806589	NA	3.531011	NA	NA
1767	NA	NA	698.8826	5149935	2.840735	NA	3.636726	NA	NA
1784	NA	NA	748.2877	5280723	2.886461	NA	3.74521	NA	NA
1851	NA	NA	847.6006	5411865	2.932335	NA	3.85628	NA	NA
1819	NA	NA	854.0427	5543517	2.978723	NA	3.969726	NA	NA
1844	NA	NA	968.7926	5675931	3.025935	NA	4.085313	NA	NA
1911	NA	NA	1163.881	5809269	3.074018	0.15773	4.202782	3189.334	23.54725
1889	NA	NA	1272.177	5943591	3.143033	0.158593	4.321856	3187.708	23.62859
1848	NA	NA	1360.034	6078820	3.209702	0.159784	4.442241	3186.285	23.71548
1845	NA	NA	1483.638	6214857	3.276037	0.161344	4.563631	3185.02	23.80543
1877	NA	NA	1825.375	6351572	3.344558	0.163312	4.685712	3183.881	23.89203
1911	NA	NA	777.4241	6488856	3.416858	0.165708	4.808166	3182.846	23.96049
1937	NA	NA	923.8903	6626542	3.515348	0.168554	4.93068	3181.221	24.01532
1904	NA	NA	861.3911	6764624	3.615766	0.171843	5.052945	3179.597	24.06584
1909	NA	NA	778.5121	6903316	3.717793	0.17561	5.174664	3177.954	24.11007
1937	NA	NA	949.4041	7042937	3.820324	0.179099	5.295556	3176.276	24.14966
1794	16.40415	9.455333	984.6914	7183647	3.923147	0.182499	5.415364	3174.55	24.18135
1805	16.89989	9.523849	1328.805	7325622	4.043793	0.185774	5.533851	3172.671	24.21259
1777	17.76247	9.709402	1520.545	7468551	4.160539	0.188901	5.650811	3170.678	24.27086
1833	17.95591	9.504866	1718.597	7611465	4.275852	0.191638	5.766071	3168.561	24.34476
1865	19.82307	10.11927	1891.415	7753052	4.39347	0.193775	5.879487	3166.311	24.41067
1875	21.03403	10.45612	2103.116	7892423	4.51585	0.194807	5.990954	3163.919	24.48508
1797	21.79023	10.64376	2271.944	8029113	4.638445	0.194231	6.100403	3161.82	24.56069
1786	22.85592	10.9323	2452.132	8163472	4.762606	0.184303	6.207798	3160.147	24.59977
1801	23.36974	10.9719	2612.289	8296375	4.88758	0.172727	6.313141	3158.946	24.63297
1796	23.81489	10.93668	2626.326	8429112	5.011228	0.157913	6.41647	3158.274	24.63219



1789	NA	NA	NA	NA	NA	NA	NA	NA
1780	NA	NA	NA	NA	NA	NA	NA	NA
1802	NA	NA	NA	NA	NA	NA	NA	NA
1815	NA	NA	NA	NA	NA	NA	NA	NA
1843	NA	NA	NA	NA	NA	NA	NA	NA
1841	NA	NA	NA	NA	NA	NA	NA	NA
1868	NA	NA	NA	NA	NA	NA	NA	NA
1883	NA	NA	NA	NA	NA	NA	NA	NA
1879	NA	NA	NA	NA	NA	NA	NA	NA
1908	NA	NA	NA	NA	NA	NA	NA	NA
1933	NA	NA	NA	NA	NA	NA	NA	NA
1924	NA	NA	NA	NA	NA	NA	NA	NA
1933	NA	NA	NA	NA	NA	NA	NA	NA
1994	NA	NA	NA	NA	NA	NA	NA	NA
1999	NA	NA	NA	NA	NA	NA	NA	NA
1992	NA	NA	NA	NA	NA	NA	NA	NA
2000	NA	NA	NA	NA	NA	NA	NA	NA
2025	NA	NA	NA	NA	NA	NA	NA	NA
2038	NA	NA	NA	NA	NA	NA	NA	NA
2067	NA	NA	NA	NA	NA	NA	NA	NA
2071	NA	NA	NA	NA	NA	NA	NA	NA
2068	NA	NA	NA	NA	NA	NA	NA	NA
2122	NA	NA	NA	NA	NA	NA	NA	NA
2129	NA	NA	NA	NA	NA	NA	NA	NA
2144	NA	NA	NA	NA	NA	NA	NA	NA
2138	NA	NA	NA	NA	NA	NA	NA	NA
1555	NA	NA	NA	NA	NA	NA	NA	NA
1655	NA	NA	NA	NA	NA	NA	NA	NA
1717	NA	NA	NA	NA	NA	NA	NA	NA
1777	NA	NA	NA	NA	NA	NA	NA	NA
1877	NA	NA	NA	NA	NA	NA	NA	NA
1940	NA	NA	NA	NA	NA	NA	NA	NA
1899	NA	NA	NA	NA	NA	NA	NA	NA
1852	NA	NA	NA	NA	NA	NA	NA	NA
1833	NA	NA	NA	NA	NA	NA	NA	NA
1927	NA	NA	NA	NA	NA	NA	NA	NA
1932	NA	NA	NA	NA	NA	NA	NA	NA
1926	NA	NA	NA	NA	NA	NA	NA	NA
1986	NA	NA	NA	NA	NA	NA	NA	NA
1973	NA	NA	NA	NA	NA	NA	NA	NA
1994	NA	NA	NA	NA	NA	NA	NA	NA
1972	NA	NA	NA	NA	NA	NA	NA	NA
1988	NA	NA	NA	NA	NA	NA	NA	NA
2120	NA	NA	NA	NA	NA	NA	NA	NA
2129	NA	NA	NA	NA	NA	NA	NA	NA
2177	NA	NA	NA	NA	NA	NA	NA	NA
2197	NA	NA	NA	NA	NA	NA	NA	NA
2316	NA	NA	NA	NA	NA	NA	NA	NA
2382	NA	NA	NA	NA	NA	NA	NA	NA

2415	NA	NA	NA	NA	NA	NA	NA	NA
2403	NA	NA	NA	NA	NA	NA	NA	NA
2407	NA	NA	NA	NA	NA	NA	NA	NA
2413	NA	NA	NA	NA	NA	NA	NA	NA
2391	NA	NA	NA	NA	NA	NA	NA	NA
2397	NA	NA	NA	NA	NA	NA	NA	NA
2481	NA	NA	NA	NA	NA	NA	NA	NA
2411	NA	NA	NA	NA	NA	NA	NA	NA
2433	NA	NA	NA	NA	NA	NA	NA	NA
2516	NA	NA	NA	NA	NA	NA	NA	NA
2572	NA	NA	NA	NA	NA	NA	NA	NA
2635	NA	NA	NA	NA	NA	NA	NA	NA
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2656	NA	NA	NA	NA	NA	NA	NA	NA
2689	NA	NA	NA	NA	NA	NA	NA	NA
2701	NA	NA	NA	NA	NA	NA	NA	NA
2750	NA	NA	NA	NA	NA	NA	NA	NA
2749	NA	NA	NA	NA	NA	NA	NA	NA
2760	NA	NA	NA	NA	NA	NA	NA	NA
2758	NA	NA	NA	NA	NA	NA	NA	NA
2779	NA	NA	NA	NA	NA	NA	NA	NA
2802	NA	NA	NA	NA	NA	NA	NA	NA
2797	NA	NA	NA	NA	NA	NA	NA	NA
2830	NA	NA	NA	NA	NA	NA	NA	NA
2871	NA	NA	NA	NA	NA	NA	NA	NA
2886	NA	NA	NA	NA	NA	NA	NA	NA
2933	NA	NA	NA	NA	NA	NA	NA	NA
2970	NA	NA	NA	NA	NA	NA	NA	NA
2983	NA	NA	NA	NA	NA	NA	NA	NA
2991	NA	NA	NA	NA	NA	NA	NA	NA
3018	NA	NA	NA	NA	NA	NA	NA	NA
3054	NA	NA	NA	NA	NA	NA	NA	NA
3039	NA	NA	NA	NA	NA	NA	NA	NA
3066	NA	NA	NA	NA	NA	NA	NA	NA
2804	NA	NA	NA	NA	NA	NA	NA	NA
2848	NA	NA	NA	NA	NA	NA	NA	NA
2881	NA	NA	NA	NA	NA	NA	NA	NA
2873	NA	NA	NA	NA	NA	NA	NA	NA
2874	NA	NA	NA	NA	NA	NA	NA	NA
2873	NA	NA	NA	NA	NA	NA	NA	NA
2875	NA	NA	NA	NA	NA	NA	NA	NA
2912	NA	NA	NA	NA	NA	NA	NA	NA
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2933	NA	NA	NA	NA	NA	NA	NA	NA
2916	NA	NA	NA	NA	NA	NA	NA	NA
2888	NA	NA	NA	NA	NA	NA	NA	NA
2911	NA	NA	NA	NA	NA	NA	NA	NA
2944	NA	NA	NA	NA	NA	NA	NA	NA
2928	NA	NA	NA	NA	NA	NA	NA	NA

2984	NA	NA	NA	NA	NA	NA	NA	NA
2946	NA	NA	NA	NA	NA	NA	NA	NA
2958	NA	NA	NA	NA	NA	NA	NA	NA
2959	NA	NA	NA	NA	NA	NA	NA	NA
2933	NA	NA	NA	NA	NA	NA	NA	NA
2913	NA	NA	NA	NA	NA	NA	NA	NA
2900	NA	NA	NA	NA	NA	NA	NA	NA
2915	NA	NA	NA	NA	NA	NA	NA	NA
2915	NA	NA	NA	NA	NA	NA	NA	NA
2937	NA	NA	NA	NA	NA	NA	NA	NA
2917	NA	NA	NA	NA	NA	NA	NA	NA
2916	NA	NA	NA	NA	NA	NA	NA	NA
2920	NA	NA	NA	NA	NA	NA	NA	NA
2918	NA	NA	NA	NA	NA	NA	NA	NA
2903	NA	NA	NA	NA	NA	NA	NA	NA
2715	NA	NA	NA	NA	NA	NA	NA	NA
2708	NA	NA	NA	NA	NA	NA	NA	NA
2723	NA	NA	NA	NA	NA	NA	NA	NA
2641	NA	NA	NA	NA	NA	NA	NA	NA
2624	NA	NA	NA	NA	NA	NA	NA	NA
2556	NA	NA	NA	NA	NA	NA	NA	NA
2600	NA	NA	NA	NA	NA	NA	NA	NA
2604	NA	NA	NA	NA	NA	NA	NA	NA
2598	NA	NA	NA	NA	NA	NA	NA	NA
2603	NA	NA	NA	NA	NA	NA	NA	NA
2664	NA	NA	NA	NA	NA	NA	NA	NA
2711	NA	NA	NA	NA	NA	NA	NA	NA
2726	NA	NA	NA	NA	NA	NA	NA	NA
2769	NA	NA	NA	NA	NA	NA	NA	NA
2824	NA	NA	NA	NA	NA	NA	NA	NA
2858	NA	NA	NA	NA	NA	NA	NA	NA
2885	NA	NA	NA	NA	NA	NA	NA	NA
2897	NA	NA	NA	NA	NA	NA	NA	NA
2879	NA	NA	NA	NA	NA	NA	NA	NA
2890	NA	NA	NA	NA	NA	NA	NA	NA
2911	NA	NA	NA	NA	NA	NA	NA	NA
2924	NA	NA	NA	NA	NA	NA	NA	NA
2920	NA	NA	NA	NA	NA	NA	NA	NA
2925	NA	NA	NA	NA	NA	NA	NA	NA
2916	NA	NA	NA	NA	NA	NA	NA	NA
2938	NA	NA	NA	NA	NA	NA	NA	NA
2941	NA	NA	NA	NA	NA	NA	NA	NA
1803	NA	375.006	4676859	4.677306	NA	3.335203	NA	NA
1829	NA	315.4463	4812890	4.640393	NA	3.409009	NA	NA
1864	NA	368.2767	4953733	4.593304	NA	3.484908	NA	NA
1845	NA	440.0747	5099468	4.544552	NA	3.562991	NA	NA
1983	NA	454.6656	5250119	4.497498	NA	3.643343	NA	NA
1970	NA	449.399	5405685	4.458325	NA	3.726042	NA	NA
1936	NA	458.7801	5566057	4.41758	NA	3.811155	NA	NA

1913	NA	NA	450.5711	5730906	4.375294	NA	3.898736	NA	NA
1912	NA	NA	527.4998	5899845	4.330148	NA	3.988827	NA	NA
1932	NA	NA	471.386	6072527	4.282402	NA	4.081455	NA	NA
1854	NA	NA	440.7574	6248835	4.246968	NA	4.176629	NA	NA
1882	NA	NA	495.5873	6428711	4.207764	NA	4.274342	NA	NA
1803	NA	NA	588.5972	6611916	4.168308	NA	4.374566	NA	NA
1811	NA	NA	970.7354	6798206	4.133193	NA	4.477257	NA	NA
1881	NA	NA	1106.518	6987391	4.104823	NA	4.582348	NA	NA
1941	NA	NA	1266.391	7179399	4.109968	NA	4.689755	NA	NA
1922	NA	NA	1495.253	7374234	4.118109	NA	4.799372	NA	NA
1904	NA	NA	1574.56	7571959	4.125696	NA	4.911077	NA	NA
1895	NA	NA	1823.723	7772653	4.127458	NA	5.024731	NA	NA
1986	NA	NA	2241.79	7976445	4.121523	0.084043	5.140176	4818.487	25.68604
1940	NA	NA	2665.312	8183194	4.13082	0.083642	5.257244	4819.957	25.78355
1963	NA	NA	2374.597	8392940	4.132116	0.083163	5.375751	4821.243	25.87894
1840	NA	NA	1993.035	8606213	4.129226	0.082658	5.495507	4822.386	25.97473
1906	NA	NA	1916.704	8823751	4.126556	0.082171	5.616312	4823.415	26.07283
1872	NA	NA	1895.77	9045979	4.126507	0.081726	5.737964	4824.351	26.1673
1931	NA	NA	1651.494	9272906	4.145809	0.081324	5.860255	4825.819	26.26134
1976	NA	NA	1467.302	9504129	4.1652	0.081001	5.982982	4827.287	26.3416
2041	NA	NA	1340.143	9739176	4.186494	0.080829	6.105942	4828.772	26.42218
2000	NA	NA	1392.233	9977377	4.211227	0.080961	6.22894	4830.288	26.49812
1989	15.00978	8.925361	1491.402	10218091	4.240704	0.081312	6.351786	4831.848	26.56906
1934	16.01124	9.367671	1623.989	10460990	4.293074	0.081867	6.474304	4832.256	26.64675
2059	16.71388	9.530748	1690.155	10705667	4.348501	0.082615	6.596328	4831.358	26.72816
2058	16.87243	9.36779	1729.373	10951202	4.40737	0.0835	6.717706	4829.034	26.80902
2150	16.94065	9.22892	2028.198	11196479	4.469155	0.084408	6.838301	4825.156	26.89423
2064	16.94825	9.131621	2135.633	11440583	4.53379	0.085224	6.957994	4819.577	26.97797
2094	17.89937	9.475416	2159.151	11683479	4.624342	0.08581	7.076682	4812.918	27.06144
2134	17.63901	9.146032	2361.599	11924993	4.714032	0.085972	7.194282	4806.393	27.14292
2053	19.03996	9.529596	2300.408	12163885	4.804501	0.085529	7.310727	4800.134	27.22132
2146	19.43705	9.549855	1584.463	12398691	4.897573	0.080089	7.425971	4794.295	27.25328
2103	19.93244	9.618449	1451.291	12628596	4.994839	0.074383	7.539984	4789.055	27.27293
2043	18.69583	8.873736	1903.742	12852755	5.096083	0.068964	7.652754	4788.745	27.28342
2074	21.53658	9.97687	2183.967	13072060	5.198959	0.064172	7.764289	4793.133	27.29771
2037	23.39275	10.62868	2440.469	13289601	5.306111	0.060113	7.874609	4802.633	27.31357
2064	23.56243	10.55253	2708.558	13509647	5.420171	0.057788	7.983753	4817.688	27.28993
2081	24.86435	10.98109	3021.943	13735233	5.542716	0.055387	8.091771	4838.763	27.3033
2039	25.84474	11.27453	3350.787	13967480	5.645378	0.053895	8.198727	4862.393	27.32465
2048	26.09531	11.26153	3590.718	14205453	5.755529	0.052508	8.304695	4884.241	27.35977
2118	26.68845	11.36288	4274.952	14447562	5.870984	0.051222	8.40976	4903.718	27.40358
2117	26.99682	11.36791	4255.566	14691275	5.987486	0.050007	8.514014	4920.143	27.45206
2188	27.354	11.34364	4657.302	14934690	6.103575	0.048885	8.617554	4932.735	27.51974
2192	27.98665	11.43242	5223.352	15177355	6.200408	0.047892	8.720485	4940.597	27.59622
2153	28.99972	11.69386	5702.104	15419666	6.297413	0.047057	8.82291	4947.026	27.67581
2131	29.05071	11.5513	6074.091	15661547	6.405325	0.046917	8.924939	4950.431	27.78099
2407	28.82702	11.34547	6396.63	15903112	6.538343	0.046894	9.026677	4952.945	27.87946
2414	28.53135	11.13131	6150.156	16144368	6.704208	0.046956	9.128231	4954.505	27.96501
2390	29.46597	11.34573	6099.315	16385068	6.890646	0.047052	9.229703	4955.114	28.04448

2409	29.45397	11.203	6273.489	16624858	7.104205	0.047052	9.331193	4954.924	28.04448
1971	NA	NA	NA	27744712	3.914331	NA	1.293126	NA	NA
2034	NA	NA	NA	28506176	3.961457	NA	1.366725	NA	NA
2050	NA	NA	NA	29281250	4.01153	NA	1.443679	NA	NA
2083	NA	NA	NA	30071102	4.05776	NA	1.524036	NA	NA
2102	NA	NA	160.2757	30875964	4.097822	NA	1.60783	NA	NA
2151	NA	NA	166.5111	31697616	4.136879	NA	1.695087	NA	NA
2099	NA	NA	172.2961	32534021	4.167391	NA	1.785818	NA	NA
2144	NA	NA	177.7331	33377259	4.192408	NA	1.880022	NA	NA
2142	NA	NA	190.6797	34216826	4.217308	NA	1.977684	NA	NA
2141	NA	NA	229.4738	35046273	4.245088	NA	2.078775	NA	NA
2129	NA	NA	240.0578	35863382	4.276412	NA	2.183249	NA	NA
2164	NA	NA	253.5783	36673642	4.308735	NA	2.291044	NA	NA
2198	NA	NA	269.38	37488067	4.340475	NA	2.402081	NA	NA
2241	NA	NA	240.8266	38322022	4.367854	NA	2.516262	NA	NA
2268	NA	NA	296.8324	39187702	4.388969	NA	2.633472	NA	NA
2348	NA	NA	332.1604	40089032	4.415978	NA	2.753575	NA	NA
2374	NA	NA	351.0125	41026477	4.433235	NA	2.876419	NA	NA
2458	NA	NA	352.6205	42004655	4.44321	NA	3.001829	NA	NA
2555	NA	NA	418.8121	43027816	4.449027	NA	3.129616	NA	NA
2619	NA	NA	519.5679	44099142	4.452291	0.173878	3.259573	3187.69	25.41494
2753	NA	NA	489.5575	45216506	4.461703	0.174978	3.391478	3182.323	25.55488
2789	NA	NA	596.2785	46379620	4.468784	0.175963	3.525098	3177.626	25.69892
2764	NA	NA	650.6257	47594556	4.474155	0.176839	3.660192	3173.451	25.84563
2748	NA	NA	695.1487	48868951	4.477645	0.177623	3.796512	3169.694	25.98501
2758	NA	NA	777.881	50204985	4.479983	0.178223	3.933812	3166.278	26.11974
2757	NA	NA	799.3673	51607703	4.484447	0.178776	4.071847	3160.915	26.24798
2844	NA	NA	762.3609	53066229	4.483773	0.179071	4.210381	3155.554	26.36711
2831	NA	NA	641.2806	54547296	4.482867	0.179191	4.349192	3150.131	26.47404
2809	NA	NA	709.8506	56006573	4.489196	0.17795	4.488072	3144.595	26.58375
2875	14.43973	8.667414	748.6023	57412215	4.507097	0.176454	4.626834	3138.898	26.68775
2867	14.96907	8.829066	636.3628	58752390	4.546892	0.174869	4.765315	3132.48	26.78185
2876	15.50343	8.976186	697.1869	60035536	4.596486	0.173201	4.903377	3125.454	26.86906
2912	16.48351	9.37264	760.1497	61275601	4.650313	0.171456	5.04091	3117.764	26.95083
2981	17.21045	9.628841	830.4243	62495745	4.70012	0.169645	5.177833	3109.354	27.04247
3031	17.56061	9.680552	944.2019	63714386	4.742271	0.167804	5.314094	3100.171	27.15018
3047	18.9398	10.22537	1041.523	64933456	4.800319	0.166002	5.449671	3091.747	27.30616
3060	20.43189	10.7626	1185.718	66151117	4.84223	0.164092	5.584573	3084.73	27.48364
3059	21.62232	11.09996	1258.998	67378056	4.871677	0.16225	5.718837	3079.303	27.65541
3073	22.60306	11.33349	1321.8	68626664	4.892556	0.162344	5.852527	3075.671	27.80728
3076	22.9949	11.2892	1428.183	69905988	4.906181	0.162182	5.985734	3074.063	27.94907
3095	25.01252	12.03624	1370.717	71226940	4.921688	0.161974	6.118575	3077.202	28.0094
3142	26.3752	12.43229	1210.229	72590118	4.927824	0.162382	6.251187	3083.862	28.06633
3111	27.62511	12.75682	1120.875	73981942	4.923684	0.162718	6.383731	3094.236	28.11968
3034	28.49562	12.90236	1045.943	75381899	4.906337	0.163131	6.516384	3108.516	28.17648
3106	29.36236	13.05852	1168.115	76778149	4.876558	0.163879	6.649341	3126.894	28.21969
3138	29.76382	13.02734	1375.196	78159048	4.852082	0.16567	6.782809	3146.032	28.27317
3194	29.20084	12.57644	1640.476	79537253	4.816998	0.168174	6.917006	3163.096	28.31682
3228	29.37178	12.47441	2011.246	80953881	4.783279	0.170912	7.052159	3177.58	28.3544



3200	29.62977	12.41833	2291.667	82465022	4.766038	0.174155	7.188498	3188.909	28.40128
3223	29.59094	12.22011	2602.48	84107606	4.772725	0.176787	7.326257	3196.443	28.45279
3259	28.35968	11.56722	2747.48	85897561	4.830389	0.178987	7.465665	3199.463	28.5345
3302	28.33884	11.39369	3181.442	87813257	4.894723	0.179276	7.606948	3201.019	28.62225
3250	26.92246	10.68005	3213.389	89807433	4.958863	0.178924	7.750322	3201.971	28.73039
3128	27.13772	10.5995	3327.754	91812566	5.015724	0.17803	7.895989	3202.304	28.85282
3106	28.14234	10.76705	3547.713	93778172	5.063222	0.176569	8.044138	3202.102	28.97802
3082	28.48533	10.68073	3479.281	95688681	5.110202	0.174847	8.194936	3201.602	29.06903
3059	28.44102	10.50296	2412.727	97553151	5.159006	0.174847	8.348526	3201.358	29.06903
1429	NA	NA	NA	2843240	3.336721	NA	2.086879	NA	NA
1468	NA	NA	NA	2927857	3.320108	NA	2.144482	NA	NA
1501	NA	NA	NA	3015887	3.299659	NA	2.203657	NA	NA
1477	NA	NA	NA	3106186	3.277621	NA	2.264443	NA	NA
1511	NA	NA	274.4708	3197863	3.255549	NA	2.326879	NA	NA
1527	NA	NA	282.4936	3290411	3.254001	NA	2.391	NA	NA
1549	NA	NA	288.5007	3383701	3.250671	NA	2.456843	NA	NA
1570	NA	NA	290.3493	3477742	3.245267	NA	2.524439	NA	NA
1552	NA	NA	293.7269	3572707	3.236733	NA	2.593822	NA	NA
1551	NA	NA	308.8158	3668595	3.224995	NA	2.66502	NA	NA
1590	NA	NA	315.0246	3765166	3.244957	NA	2.738058	NA	NA
1569	NA	NA	327.2249	3861931	3.260649	NA	2.812959	NA	NA
1616	NA	NA	364.3765	3958323	3.272623	NA	2.889744	NA	NA
1658	NA	NA	410.9516	4053713	3.282102	NA	2.968428	NA	NA
1774	NA	NA	454.2758	4147525	3.289914	NA	3.049023	NA	NA
1773	NA	NA	549.1648	4239675	3.333723	NA	3.131537	NA	NA
1829	NA	NA	679.3683	4329964	3.374786	NA	3.215973	NA	NA
1842	NA	NA	708.0812	4417516	3.414634	NA	3.302329	NA	NA
1906	NA	NA	769.4727	4501316	3.455212	NA	3.390599	NA	NA
1919	NA	NA	780.2207	4580704	3.498523	0.105803	3.480772	6326.343	24.34667
1982	NA	NA	738.3311	4655364	3.56724	0.103367	3.572832	6327.409	24.44598
1929	NA	NA	719.2955	4725720	3.637668	0.100943	3.666757	6328.343	24.53632
1920	NA	NA	731.5708	4792903	3.710695	0.098588	3.762521	6329.172	24.64196
1963	NA	NA	753.6604	4858532	3.786494	0.096303	3.860094	6329.919	24.74003
1943	NA	NA	771.8271	4923860	3.865585	0.094154	3.959438	6330.598	24.82434
1887	NA	NA	756.0045	4988943	3.962302	0.092252	4.060514	6331.664	24.89831
1865	NA	NA	783.1954	5053714	4.061013	0.090527	4.163277	6332.729	24.9682
1900	NA	NA	818.4902	5119035	4.160433	0.08908	4.267677	6333.807	25.04215
1931	NA	NA	843.0897	5185943	4.258435	0.088129	4.373661	6334.907	25.12097
1988	15.23111	8.183945	916.7568	5254984	4.353753	0.087325	4.481174	6336.039	25.20172
2068	15.99881	8.440679	986.0485	5326657	4.442599	0.086679	4.590156	6336.063	25.2874
2083	17.21854	8.893113	1076.489	5400331	4.526148	0.086145	4.700545	6334.841	25.38082
2046	17.19495	8.694906	1220.363	5474000	4.609664	0.085726	4.812277	6332.261	25.47976
2075	19.03855	9.368561	1384.934	5544945	4.700786	0.084875	4.925286	6328.198	25.58474
2065	17.89458	8.627983	1590.049	5611115	4.804108	0.084187	5.039505	6322.516	25.69839
2052	19.90407	9.360511	1690.137	5671925	4.928397	0.083661	5.154866	6315.13	25.8156
2039	20.85095	9.520518	1784.592	5727755	5.061163	0.08314	5.2713	6307.137	25.92644
2035	21.24122	9.412689	1892.581	5778706	5.200818	0.082936	5.388738	6298.594	26.04491
2024	23.25441	10.01213	1937.139	5825187	5.345511	0.081299	5.507113	6289.576	26.17777
2150	23.03342	9.66584	2008.466	5867626	5.495187	0.080047	5.626357	6280.172	26.30892

2247	23.33477	9.562242	2079.684	5905962	5.666173	0.079014	5.746405	6274.154	26.44104
2291	24.89955	10.02568	2131.91	5940303	5.839113	0.078077	5.867191	6271.915	26.56822
2256	25.46376	10.10785	2217.837	5971535	6.011804	0.07737	5.988654	6273.856	26.69153
2219	26.50441	10.3713	2287.173	6000775	6.180118	0.07642	6.110732	6280.406	26.79558
2206	27.46925	10.5766	2437.9	6028961	6.341391	0.075431	6.233367	6292.028	26.88966
2188	27.62549	10.5013	2641.781	6056478	6.528398	0.074362	6.356503	6306.491	26.97251
2181	29.60746	11.12018	2796.387	6083475	6.701795	0.073313	6.480088	6320.091	27.04864
2191	29.39882	10.95822	2943.699	6110301	6.864965	0.072328	6.604072	6332.403	27.10711
2185	30.24734	11.22532	2867.985	6137276	7.022594	0.071719	6.728407	6342.932	27.14836
2133	30.83296	11.33051	2992.545	6164626	7.177094	0.071495	6.853049	6351.097	27.18503
2149	31.61066	11.43072	3275.509	6192560	7.32353	0.071316	6.977959	6356.221	27.22475
2169	31.32226	11.14406	3437.6	6221246	7.469838	0.070956	7.103097	6360.497	27.25573
2185	32.05497	11.21157	3515.947	6250777	7.618061	0.070556	7.22843	6362.762	27.28593
2214	32.90079	11.36305	3595.791	6281189	7.770933	0.070298	7.353927	6364.465	27.31722
2217	33.46833	11.42288	3669.879	6312478	7.931148	0.070031	7.479558	6365.547	27.35096
2248	33.82329	11.39655	3768.838	6344722	8.098905	0.06981	7.605298	6365.99	27.37951
2297	34.11738	11.35281	3889.309	6377853	8.273129	0.06981	7.731123	6365.876	27.37951
2333	49.03583	18.50574	NA	1533091	12.43252	0.268742	12.97243	8459.775	25.6809
2375	53.63714	20.13554	NA	1494128	12.85628	0.268591	13.02458	8459.76	25.66163
2423	58.76374	22.0888	NA	1462514	13.2555	0.268762	13.07571	8458.704	25.60504
2692	55.13459	20.85899	3044.384	1436634	13.60117	0.267474	13.12593	8456.508	25.58764
2745	51.10075	19.37067	3352.734	1415594	13.96374	0.266207	13.17535	8449.603	25.58724
2671	51.62329	19.34727	3619.945	1399535	14.25393	0.264736	13.22407	8438.446	25.59445
2628	55.63916	20.3776	4052.292	1386156	14.49838	0.26438	13.27222	8422.732	25.63648
2654	55.54707	19.93968	4119.347	1390244	14.7441	0.264552	13.3199	8402.133	25.68282
2530	58.85315	20.55952	4070.033	1396985	15.01774	0.265717	13.36722	8376.299	25.75327
2561	59.80361	20.50548	4498.957	1388115	15.41428	0.26734	13.41426	8350.794	25.82381
2651	55.45294	18.79584	5308.348	1379350	15.82035	0.269688	13.46112	8329.535	25.91214
2682	57.00112	19.02269	7174.237	1370720	16.20792	0.272324	13.50788	8313.295	26.0243
2599	56.00803	18.44955	8850.465	1362550	16.52859	0.273205	13.55462	8302.945	26.13262
2690	57.78808	18.76435	10338.31	1354775	16.75509	0.270406	13.60141	8299.463	26.23157
2775	58.78487	18.71944	12595.41	1346810	16.99485	0.264429	13.64831	8302.377	26.32641
2792	59.65469	18.39551	16586.41	1340680	17.15764	0.256716	13.69537	8306.304	26.41856
2918	58.88544	17.78777	18094.55	1337090	17.27095	0.248711	13.74263	8310.946	26.51728
2934	57.02262	17.00822	14726.32	1334515	17.38185	0.241981	13.79013	8315.915	26.58001
2933	54.33939	15.99372	14638.6	1331475	17.52411	0.235609	13.83789	8320.705	26.65888
2925	56.80259	16.23082	17454.84	1327439	17.73685	0.229537	13.88594	8324.673	26.75003
3013	57.29944	16.14888	17421.89	1322696	17.98633	0.223422	13.93429	8328.737	26.84189
3035	57.63316	15.99601	19072.24	1317997	18.26273	0.218248	13.98294	8330.829	26.92026
3084	56.98782	15.54107	19949.58	1314545	18.54487	0.214087	14.03189	8332.687	26.97422
3083	55.86222	15.02188	17155.87	1315407	18.82179	0.212437	14.08114	8334.153	26.99354
3080	55.42981	14.76603	17736.8	1315790	19.15079	0.212026	14.13067	8335.03	27.04366
3080	54.65345	14.5012	19704.66	1315480	19.45211	0.212026	14.18047	8335.061	27.04366
2153	NA	NA	3379.896	1295097	3.102161	NA	NA	NA	NA
2048	NA	NA	3047.947	1319011	3.109451	NA	NA	NA	NA
2157	NA	NA	2842.257	1343098	3.139235	NA	NA	NA	NA
2182	NA	NA	3242.751	1367254	3.163421	NA	NA	NA	NA
1475	24.64898	19.44359	164.9584	53532956	3.104674	0.044417	1.075533	8535.767	21.77571
1516	24.78618	19.50165	124.983	55431123	3.088016	0.043889	1.126433	8535.834	21.78452



1541	NA	NA	NA	NA	NA	NA	NA	NA
1619	NA	NA	NA	NA	NA	NA	NA	NA
1540	NA	NA	NA	NA	NA	NA	NA	NA
1524	NA	NA	NA	NA	NA	NA	NA	NA
1561	NA	NA	NA	NA	NA	NA	NA	NA
1527	NA	NA	NA	NA	NA	NA	NA	NA
2726	NA	NA	NA	NA	NA	NA	NA	NA
2776	NA	NA	NA	NA	NA	NA	NA	NA
2789	NA	NA	NA	NA	NA	NA	NA	NA
2788	NA	NA	NA	NA	NA	NA	NA	NA
2801	NA	NA	NA	NA	NA	NA	NA	NA
2807	NA	NA	NA	NA	NA	NA	NA	NA
2811	NA	NA	NA	NA	NA	NA	NA	NA
2846	NA	NA	NA	NA	NA	NA	NA	NA
2837	NA	NA	NA	NA	NA	NA	NA	NA
2873	NA	NA	NA	NA	NA	NA	NA	NA
2869	NA	NA	NA	NA	NA	NA	NA	NA
2855	NA	NA	NA	NA	NA	NA	NA	NA
2881	NA	NA	NA	NA	NA	NA	NA	NA
2890	NA	NA	NA	NA	NA	NA	NA	NA
2882	NA	NA	NA	NA	NA	NA	NA	NA
2919	NA	NA	NA	NA	NA	NA	NA	NA
2899	NA	NA	NA	NA	NA	NA	NA	NA
2926	NA	NA	NA	NA	NA	NA	NA	NA
2938	NA	NA	NA	NA	NA	NA	NA	NA
2933	NA	NA	NA	NA	NA	NA	NA	NA
2909	NA	NA	NA	NA	NA	NA	NA	NA
2913	NA	NA	NA	NA	NA	NA	NA	NA
2924	NA	NA	NA	NA	NA	NA	NA	NA
2939	NA	NA	NA	NA	NA	NA	NA	NA
2960	NA	NA	NA	NA	NA	NA	NA	NA
2957	NA	NA	NA	NA	NA	NA	NA	NA
2974	NA	NA	NA	NA	NA	NA	NA	NA
2983	NA	NA	NA	NA	NA	NA	NA	NA
2980	NA	NA	NA	NA	NA	NA	NA	NA
2968	NA	NA	NA	NA	NA	NA	NA	NA
2889	NA	NA	NA	NA	NA	NA	NA	NA
2887	NA	NA	NA	NA	NA	NA	NA	NA
2862	NA	NA	NA	NA	NA	NA	NA	NA
2824	NA	NA	NA	NA	NA	NA	NA	NA
2822	NA	NA	NA	NA	NA	NA	NA	NA
2824	NA	NA	NA	NA	NA	NA	NA	NA
2828	NA	NA	NA	NA	NA	NA	NA	NA
2867	NA	NA	NA	NA	NA	NA	NA	NA
2874	NA	NA	NA	NA	NA	NA	NA	NA
2874	NA	NA	NA	NA	NA	NA	NA	NA
2907	NA	NA	NA	NA	NA	NA	NA	NA
2940	NA	NA	NA	NA	NA	NA	NA	NA
2923	NA	NA	NA	NA	NA	NA	NA	NA

2942	NA	NA	NA	NA	NA	NA	NA	NA
2965	NA	NA	NA	NA	NA	NA	NA	NA
2994	NA	NA	NA	NA	NA	NA	NA	NA
3008	NA	NA	NA	NA	NA	NA	NA	NA
3018	NA	NA	NA	NA	NA	NA	NA	NA
3008	NA	NA	NA	NA	NA	NA	NA	NA
3011	NA	NA	NA	NA	NA	NA	NA	NA
3021	NA	NA	NA	NA	NA	NA	NA	NA
3015	NA	NA	NA	NA	NA	NA	NA	NA
3014	NA	NA	NA	NA	NA	NA	NA	NA
3018	NA	NA	NA	NA	NA	NA	NA	NA
3029	NA	NA	NA	NA	NA	NA	NA	NA
3040	NA	NA	NA	NA	NA	NA	NA	NA
3042	NA	NA	NA	NA	NA	NA	NA	NA
2690	NA	946.442	4.13E+08	9.950449	NA	NA	NA	NA
2727	NA	1024.826	4.17E+08	10.09796	NA	NA	NA	NA
2726	NA	1118.987	4.2E+08	10.24917	NA	NA	NA	NA
2730	NA	1229.327	4.24E+08	10.40389	NA	NA	NA	NA
2757	NA	1327.741	4.28E+08	10.5665	NA	NA	NA	NA
2772	NA	1428.366	4.31E+08	10.77263	NA	NA	NA	NA
2779	NA	1523.801	4.34E+08	10.97321	NA	NA	NA	NA
2803	NA	1573.267	4.37E+08	11.17142	NA	NA	NA	NA
2804	NA	1716.926	4.4E+08	11.37053	NA	NA	NA	NA
2825	NA	1933.68	4.42E+08	11.56779	NA	NA	NA	NA
2829	NA	2175.726	4.44E+08	11.79046	NA	NA	NA	NA
2837	NA	2588.279	4.47E+08	11.99585	NA	NA	NA	NA
2853	NA	3266.707	4.5E+08	12.18713	NA	NA	NA	NA
2852	NA	3651.172	4.52E+08	12.36785	NA	NA	NA	NA
2851	NA	4234.136	4.55E+08	12.53807	NA	NA	NA	NA
2868	NA	4365.005	4.57E+08	12.76261	NA	NA	NA	NA
2859	NA	4922.901	4.59E+08	12.98189	NA	NA	NA	NA
2902	NA	6009.252	4.61E+08	13.16788	NA	NA	NA	NA
2922	NA	7310.455	4.62E+08	13.27745	NA	NA	NA	NA
2931	NA	8309.848	4.64E+08	13.28919	NA	NA	NA	NA
2901	NA	7325.734	4.66E+08	13.25493	NA	NA	NA	NA
2893	NA	7031.033	4.67E+08	13.12175	NA	NA	NA	NA
2906	NA	6799.298	4.68E+08	12.94969	NA	NA	NA	NA
2937	NA	6513.873	4.7E+08	12.824	NA	NA	NA	NA
2967	NA	6715.839	4.71E+08	12.79344	NA	NA	NA	NA
2979	NA	9183.309	4.72E+08	12.90597	NA	NA	NA	NA
2996	NA	11329.69	4.73E+08	13.09513	NA	NA	NA	NA
3025	NA	12597.65	4.75E+08	13.32994	NA	NA	NA	NA
3023	NA	12819.43	4.76E+08	13.56321	NA	NA	NA	NA
3001	NA	15842.94	4.78E+08	13.76741	NA	NA	NA	NA
3014	NA	16408.81	4.79E+08	14.00138	NA	NA	NA	NA
3003	NA	17825.11	4.8E+08	14.20839	NA	NA	NA	NA
2949	NA	16196.26	4.82E+08	14.39274	NA	NA	NA	NA
2936	NA	17157.35	4.83E+08	14.56534	NA	NA	NA	NA
2945	NA	19860.22	4.84E+08	14.73229	NA	NA	NA	NA

2984	NA	NA	20274	4.85E+08	14.94695	NA	NA	NA	NA
2970	NA	NA	19102.28	4.86E+08	15.14219	NA	NA	NA	NA
3033	NA	NA	19726.26	4.87E+08	15.32665	NA	NA	NA	NA
3041	NA	NA	19656.14	4.88E+08	15.50979	NA	NA	NA	NA
3051	NA	NA	18243.44	4.88E+08	15.70037	NA	NA	NA	NA
3063	NA	NA	18406.98	4.89E+08	15.91617	NA	NA	NA	NA
3082	NA	NA	20017.45	4.9E+08	16.13281	NA	NA	NA	NA
3051	NA	NA	24277.69	4.92E+08	16.342	NA	NA	NA	NA
3054	NA	NA	27922.09	4.94E+08	16.52953	NA	NA	NA	NA
3059	NA	NA	29092.31	4.96E+08	16.68861	NA	NA	NA	NA
3084	NA	NA	30921.99	4.98E+08	16.86686	NA	NA	NA	NA
3085	NA	NA	35593.29	5E+08	17.01227	NA	NA	NA	NA
3088	NA	NA	38136.08	5.02E+08	17.14872	NA	NA	NA	NA
3082	NA	NA	33979.6	5.03E+08	17.31165	NA	NA	NA	NA
3072	NA	NA	33676.05	5.04E+08	17.5273	NA	NA	NA	NA
3081	NA	NA	36406.73	5.04E+08	17.78316	NA	NA	NA	NA
3069	NA	NA	34234.03	5.05E+08	18.0952	NA	NA	NA	NA
3070	NA	NA	35586.57	5.07E+08	18.44387	NA	NA	NA	NA
3072	NA	NA	36670.82	5.08E+08	18.79719	NA	NA	NA	NA
3097	NA	NA	32206.7	5.1E+08	19.13507	NA	NA	NA	NA
3106	NA	NA	32263.54	5.11E+08	19.46345	NA	NA	NA	NA
3110	NA	NA	33723.27	5.12E+08	19.77002	NA	NA	NA	NA
2300	NA	NA	287.3291	407156	2.1213	NA	4.123253	NA	NA
2352	NA	NA	291.5397	421577	2.124404	NA	4.211594	NA	NA
2432	NA	NA	296.7729	436208	2.134761	NA	4.301924	NA	NA
2381	NA	NA	310.873	450450	2.140748	NA	4.394242	NA	NA
2511	NA	NA	317.0729	463883	2.138901	NA	4.488538	NA	NA
2318	NA	NA	316.1796	476324	2.156935	NA	4.584791	NA	NA
2244	NA	NA	333.3092	487913	2.172723	NA	4.682971	NA	NA
2233	NA	NA	334.6475	498892	2.189251	NA	4.783035	NA	NA
2257	NA	NA	357.4594	509658	2.21011	NA	4.884931	NA	NA
1989	NA	NA	422.4135	520529	2.240605	NA	4.988594	NA	NA
2267	NA	NA	466.0438	531601	2.286113	NA	5.093949	NA	NA
2206	NA	NA	583.3499	542814	2.330264	NA	5.200908	NA	NA
2118	NA	NA	768.7385	554107	2.372646	NA	5.309374	NA	NA
2005	NA	NA	987.9762	565388	2.415686	NA	5.419238	NA	NA
2029	NA	NA	1186.74	576595	2.461867	NA	5.53038	NA	NA
1970	NA	NA	1182.177	587520	2.504766	NA	5.642673	NA	NA
2079	NA	NA	1202.712	598259	2.534521	NA	5.755982	NA	NA
2087	NA	NA	1360.87	609345	2.550444	NA	5.870163	NA	NA
2168	NA	NA	1640.678	621538	2.555113	NA	5.985069	NA	NA
2232	NA	NA	1893.047	635255	2.551889	0.189217	6.100546	5191.233	25.28326
1945	NA	NA	1898.595	650955	2.613852	0.184969	6.216441	5186.704	25.33699
2220	NA	NA	1786.919	668198	2.673908	0.180847	6.332597	5182.741	25.39991
2231	NA	NA	1638.637	685391	2.721366	0.176874	6.448861	5179.219	25.46574
2289	NA	NA	1681.974	700366	2.749991	0.173075	6.56508	5176.049	25.54053
2299	NA	NA	1603.587	711661	2.755806	0.169458	6.681106	5173.167	25.6242
2258	NA	NA	1795.605	718548	2.819575	0.165977	6.796799	5168.642	25.71906
2268	NA	NA	1632.073	721725	2.866743	0.162727	6.912023	5164.119	25.81646

2327	NA	NA	1535.414	722917	2.899918	0.159725	7.026655	5159.544	25.91708
2334	NA	NA	1632.138	724624	2.921239	0.157296	7.140581	5154.873	26.02968
2429	46.69139	27.38625	1834.99	728628	2.932772	0.1552	7.253697	5150.066	26.1478
2467	46.57281	27.19372	1881.57	735473	2.963671	0.153225	7.365915	5144.884	26.27006
2489	46.31667	26.96643	2057.407	744531	2.986175	0.150939	7.477158	5139.443	26.39572
2610	46.0178	26.67517	2166.053	755026	3.00281	0.148761	7.587365	5133.719	26.51889
2560	45.87946	26.47349	2383.915	765667	3.014888	0.146633	7.696488	5127.69	26.6332
2505	46.38924	26.57733	2540.752	775498	3.022574	0.144586	7.804495	5121.339	26.7372
2594	46.74908	26.58049	2714.254	784476	3.10309	0.142591	7.911369	5116.074	26.83906
2611	47.22104	26.66962	2641.065	792860	3.187322	0.140671	8.017108	5112.229	26.92919
2590	46.66718	26.25014	2070.166	800315	3.272087	0.138879	8.121721	5109.956	27.00534
2585	47.2155	26.49964	2408.165	806494	3.354272	0.136543	8.225235	5109.423	27.05493
2584	47.13602	26.29439	2076.013	811223	3.434937	0.135003	8.327685	5110.818	27.08292
2606	45.94073	25.61452	2038.892	814218	3.556419	0.133872	8.42912	5115.728	27.10637
2629	45.99078	25.62171	2259.056	815691	3.678108	0.132963	8.529598	5122.947	27.13412
2605	47.14336	26.25655	2835.974	816628	3.807854	0.131833	8.629187	5132.556	27.11869
2606	47.00107	26.07722	3332.919	818354	3.952202	0.130838	8.72796	5144.63	27.09147
2632	48.26281	26.43473	3658.631	821817	4.113933	0.12994	8.825998	5159.235	26.94499
2627	50.09981	27.06912	3749.94	827411	4.254717	0.129692	8.923384	5174.251	26.79967
2593	52.5046	28.29663	4078.823	834812	4.398835	0.129405	9.020204	5188.013	26.76413
2638	54.54	29.25785	4177.658	843340	4.544549	0.128992	9.116547	5200.197	26.78538
2587	55.61023	29.75998	3369.408	851967	4.689031	0.128622	9.212499	5210.442	26.84275
2599	56.09901	29.99228	3651.967	859950	4.831676	0.129012	9.308145	5218.347	26.92412
2604	56.32422	29.95969	4353.121	867086	5.034218	0.129272	9.403567	5223.47	27.0251
2600	56.84963	30.21022	4546.739	873596	5.238692	0.129561	9.498841	5227.694	27.12597
2617	57.52389	30.41848	4763.069	879715	5.441876	0.129948	9.594039	5229.914	27.22255
2683	58.03849	30.43749	5061.398	885806	5.639384	0.130341	9.689226	5231.571	27.31306
2681	58.88386	30.63315	4889.461	892149	5.831201	0.130709	9.78446	5232.627	27.40164
2695	59.83071	30.89859	5197.509	898760	6.033646	0.131008	9.879791	5233.071	27.49604
2725	60.51202	30.93818	5589.389	905502	6.224393	0.131008	9.975261	5232.96	27.49604
2823	NA	NA	1327.427	4461005	7.454385	NA	10.60755	NA	NA
2743	NA	NA	1411.702	4491443	7.593596	NA	10.67658	NA	NA
2760	NA	NA	1522.319	4523309	7.743951	NA	10.74542	NA	NA
2676	NA	NA	1707.504	4548543	7.896816	NA	10.81408	NA	NA
2699	NA	NA	1882.087	4563732	8.050303	NA	10.88255	NA	NA
2688	NA	NA	2010.213	4580869	8.266896	NA	10.95084	NA	NA
2623	NA	NA	2034.189	4605744	8.482157	NA	11.01895	NA	NA
2631	NA	NA	1907.077	4626469	8.700847	NA	11.08689	NA	NA
2712	NA	NA	2178.035	4623785	8.932233	NA	11.15465	NA	NA
2648	NA	NA	2467.476	4606307	9.18134	NA	11.22226	NA	NA
2663	NA	NA	2718.208	4612124	9.486151	NA	11.28972	NA	NA
2682	NA	NA	3180.006	4639657	9.795789	NA	11.35704	NA	NA
2713	NA	NA	4176.273	4666081	10.10135	NA	11.42425	NA	NA
2691	NA	NA	5301.543	4690574	10.38987	NA	11.49137	NA	NA
2782	NA	NA	6260.191	4711440	10.65384	NA	11.55841	NA	NA
2726	NA	NA	6744.697	4725664	10.99803	NA	11.6254	NA	NA
2660	NA	NA	7074.357	4738902	11.30975	NA	11.69239	NA	NA
2687	NA	NA	7634.482	4752528	11.58673	NA	11.75938	NA	NA
2695	NA	NA	9339.177	4764690	11.82417	NA	11.82644	NA	NA

2731	NA	NA	11232.27	4779535	12.0194	0.240472	11.89358	4988.259	25.18356
2682	NA	NA	10934.57	4799964	12.15056	0.234862	11.96085	4984.237	25.17948
2755	NA	NA	10945.28	4826933	12.24694	0.230317	12.02829	4980.719	25.17188
2630	NA	NA	10505.83	4855787	12.3259	0.227495	12.09595	4977.591	25.17651
2656	NA	NA	10841.57	4881803	12.41174	0.225935	12.16386	4974.776	25.19612
2608	NA	NA	11405.93	4902206	12.52229	0.225537	12.23207	4972.217	25.23036
2637	NA	NA	14962.26	4918154	12.69296	0.225857	12.30062	4968.199	25.2465
2600	NA	NA	18580.66	4932123	12.87604	0.226421	12.36955	4964.182	25.25783
2744	NA	NA	22056.7	4946481	13.06639	0.226529	12.43889	4960.12	25.25832
2848	NA	NA	23983.85	4964371	13.25519	0.226864	12.50868	4955.973	25.27264
2752	67.88892	19.36029	28380.55	4986431	13.43541	0.226561	12.57895	4951.704	25.31144
2738	68.60489	19.1963	25503.22	5013740	13.64124	0.225841	12.64971	4946.469	25.34554
2793	72.13428	19.71005	22337.49	5041992	13.82883	0.224194	12.72097	4940.312	25.37991
2630	74.25648	19.76478	17617.03	5066447	13.99818	0.222291	12.79276	4933.15	25.41543
2618	74.06257	19.12917	20305.58	5088333	14.14854	0.220148	12.86506	4924.895	25.45935
2665	78.33898	19.69281	26273.47	5107790	14.28119	0.21814	12.93786	4915.455	25.54918
2666	77.42235	19.05553	25777.64	5124573	14.43551	0.217119	13.01115	4904.399	25.65333
2794	81.9148	19.54194	24676.5	5139835	14.58108	0.216721	13.08488	4892.479	25.76944
2836	83.02745	19.22803	25989.41	5153498	14.72096	0.215891	13.15902	4879.699	25.895
2831	84.19581	19.03791	26178.79	5165474	14.85717	0.213701	13.23351	4866.074	26.01297
2793	87.20936	19.22701	24253.25	5176209	14.99393	0.210922	13.30828	4851.624	26.13254
2843	85.99823	18.61815	24913.24	5188008	15.2072	0.208109	13.38327	4840.677	26.2368
2839	86.23964	18.34147	26834.03	5200598	15.41616	0.204556	13.45838	4834.033	26.3239
2839	85.06409	17.69073	32816.16	5213014	15.62227	0.200438	13.53353	4832.16	26.39472
2873	90.97542	18.2617	37636.11	5228172	15.8254	0.19623	13.6086	4835.572	26.45979
2901	92.24745	18.14638	38969.17	5246096	16.02705	0.191765	13.6835	4844.826	26.51876
2948	88.23059	17.21917	41120.68	5266268	16.19916	0.186963	13.75811	4858.361	26.57364
2983	89.44471	17.15159	48288.55	5288720	16.35696	0.182078	13.83231	4871.958	26.62916
2974	91.66127	17.2353	53401.31	5313399	16.54453	0.17743	13.90598	4885.231	26.66806
2932	93.39334	17.24369	47107.16	5338871	16.82359	0.173473	13.979	4897.715	26.69319
3010	92.95615	16.99629	46202.42	5363352	17.22957	0.170575	14.05125	4908.859	26.7363
3032	90.68372	16.49169	50790.72	5388272	17.73845	0.168352	14.12262	4918.011	26.77008
3048	92.54025	16.63414	47415.56	5413971	18.35785	0.166879	14.193	4926.764	26.82746
3088	91.21598	16.23454	49638.08	5438972	19.03421	0.165658	14.26227	4931.237	26.88561
3068	87.25853	15.46206	49914.62	5461512	19.68584	0.164891	14.33035	4935.047	26.93133
3061	84.57468	14.94449	42424.22	5479531	20.26446	0.165315	14.39714	4937.963	26.97274
3075	84.07547	14.79596	43433.03	5495303	20.78535	0.166088	14.46256	4939.665	26.99459
3077	84.00992	14.79421	45703.33	5511303	21.22848	0.166088	14.52653	4939.674	26.99459
2898	NA	NA	1440.554	47444751	11.65736	NA	7.15419	NA	NA
2938	NA	NA	1585.917	48119649	11.74086	NA	7.221389	NA	NA
2914	NA	NA	1752.964	48803680	11.8378	NA	7.292958	NA	NA
2884	NA	NA	1919.267	49449403	11.94285	NA	7.369014	NA	NA
2913	NA	NA	2042.24	50023774	12.05606	NA	7.449652	NA	NA
2884	NA	NA	2189.671	50508717	12.22888	NA	7.534944	NA	NA
2889	NA	NA	2346.363	50915456	12.40143	NA	7.624942	NA	NA
2953	NA	NA	2532.315	51276054	12.5653	NA	7.719672	NA	NA
2913	NA	NA	2725.218	51638260	12.7098	NA	7.819132	NA	NA
2921	NA	NA	2853.004	52035095	12.82958	NA	7.923297	NA	NA
2882	NA	NA	3162.448	52480421	12.99315	NA	8.032113	NA	NA



2869	NA	NA	3842.468	52959228	13.11427	NA	8.145496	NA	NA
2845	NA	NA	4948.047	53441264	13.20942	NA	8.263334	NA	NA
2859	NA	NA	5299.547	53882416	13.30375	NA	8.385486	NA	NA
2864	NA	NA	6650.969	54252574	13.40875	NA	8.511782	NA	NA
2896	NA	NA	6826.345	54541493	13.58478	NA	8.642022	NA	NA
2968	NA	NA	7491.71	54764462	13.78595	NA	8.775977	NA	NA
2999	NA	NA	9221.593	54947975	13.95791	NA	8.913393	NA	NA
3038	NA	NA	11136.34	55130594	14.01471	NA	9.053985	NA	NA
3057	NA	NA	12672.18	55340782	13.91544	0.334577	9.197446	4028.557	23.82267
3076	NA	NA	11073.91	55585824	13.75512	0.33046	9.343446	4026.166	23.87258
3095	NA	NA	10470.66	55858727	13.43171	0.326132	9.491631	4024.074	23.94016
3114	NA	NA	9969.84	56156284	13.05441	0.321939	9.641633	4022.214	24.00073
3114	NA	NA	9397.495	56470769	12.77923	0.317696	9.793065	4020.541	24.04164
3156	NA	NA	9739.092	56795686	12.68984	0.313275	9.94553	4019.019	24.07852
3143	NA	NA	13503.14	57132691	12.78724	0.308841	10.09862	4016.631	24.12107
3181	NA	NA	16251.41	57482591	13.05094	0.30468	10.25193	4014.242	24.16706
3219	NA	NA	17615.99	57836486	13.40862	0.300742	10.40505	4011.827	24.21266
3221	NA	NA	17620.56	58182702	13.75099	0.297183	10.55757	4009.361	24.25273
3164	72.00387	25.19983	21690.63	58512808	14.01802	0.294936	10.7091	4006.823	24.30017
3191	73.8215	25.24396	21675.06	58559311	14.31187	0.292701	10.85925	4003.486	24.34884
3190	76.46297	25.42851	23813.71	58851217	14.54179	0.290595	11.00765	3999.357	24.4021
3194	79.9733	25.78997	22380.1	59106768	14.7291	0.288555	11.15395	3994.362	24.44724
3166	79.68803	25.2015	23496.52	59327192	14.91031	0.287302	11.29783	3988.427	24.47988
3188	81.08959	25.18928	26890.22	59541899	15.10509	0.286247	11.439	3981.469	24.5114
3167	82.95362	25.01985	26871.83	59753100	15.31652	0.285826	11.57719	3973.561	24.57604
3187	84.26346	24.66973	24228.94	59964851	15.51748	0.28571	11.71216	3965.395	24.65033
3237	87.64406	25.15702	24974.27	60186288	15.70435	0.28656	11.84371	3957.02	24.7292
3242	89.79091	25.14925	24673.2	60496718	15.86859	0.285589	11.97167	3948.495	24.81831
3254	89.22877	24.56793	22364.03	60912500	16.00669	0.282991	12.09591	3939.893	24.91108
3283	91.76897	24.73223	22433.56	61357430	16.13874	0.280263	12.21635	3935.702	25.01232
3296	94.46509	24.86562	24177.34	61805267	16.25417	0.277769	12.3329	3936.253	25.10104
3230	96.22054	24.70115	29568.39	62244886	16.34943	0.273977	12.44554	3941.998	25.17295
3178	94.53065	23.6396	33741.27	62704895	16.41632	0.270176	12.55428	3953.429	25.24795
3159	94.50009	23.20597	34760.19	63179351	16.45573	0.266552	12.65914	3971.078	25.30385
3177	94.52097	22.86027	36443.62	63621381	16.49734	0.263122	12.76018	3992.202	25.36081
3141	92.62483	22.10907	41508.43	64016227	16.50281	0.259934	12.85748	4012.312	25.41857
3227	94.35694	22.11689	45334.11	64374989	16.51655	0.256801	12.95114	4030.886	25.47274
3165	94.6499	21.86925	41575.42	64707044	16.60705	0.253784	13.04129	4047.312	25.52516
3201	92.13782	21.12764	40638.33	65027507	16.81714	0.250533	13.12807	4060.877	25.57309
3171	90.53142	20.67708	43790.74	65342775	17.11604	0.247153	13.21161	4070.756	25.61123
3114	88.26258	20.08518	40874.72	65659789	17.52001	0.245113	13.29208	4079.613	25.64082
3123	86.62167	19.50708	42592.95	65998660	17.99804	0.24309	13.36964	4084.197	25.64632
3155	85.39067	19.00392	43008.65	66316092	18.48562	0.241573	13.44447	4087.897	25.64978
3163	83.13832	18.44932	36613.38	66593366	18.93845	0.239257	13.51673	4090.537	25.64882
3170	81.62094	18.06194	36870.22	66859768	19.3462	0.236846	13.58659	4091.921	25.65363
3178	81.25018	17.93547	38476.66	67118648	19.71816	0.236846	13.65422	4091.827	25.65363
2267	NA	NA	NA	80703	2.811544	NA	NA	NA	NA
2219	NA	NA	NA	83651	2.803314	NA	NA	NA	NA
2174	NA	NA	NA	86837	2.784527	NA	NA	NA	NA

2248	NA	NA	90132	2.761505	NA	NA	NA	NA
2393	NA	1889.323	93438	2.733363	NA	NA	NA	NA
2570	NA	2229.453	96732	2.718852	NA	NA	NA	NA
2560	NA	2209.203	100029	2.704216	NA	NA	NA	NA
2579	NA	2510.882	103386	2.703461	NA	NA	NA	NA
2512	NA	2273.541	106857	2.715779	NA	NA	NA	NA
2601	NA	2299.072	110495	2.73949	NA	NA	NA	NA
2561	NA	2594.749	114313	2.780961	NA	NA	NA	NA
2557	NA	2754.87	118279	2.82045	NA	NA	NA	NA
2558	NA	3524.585	122356	2.865409	NA	NA	NA	NA
2567	NA	4390.51	126486	2.910204	NA	NA	NA	NA
2542	NA	5284.987	130619	2.959753	NA	NA	NA	NA
2562	NA	5434.486	134748	3.049396	NA	NA	NA	NA
2478	NA	5712.015	138864	3.134002	NA	NA	NA	NA
2523	NA	7030.408	143032	3.215364	NA	NA	NA	NA
2593	NA	8248.912	147296	3.275717	NA	NA	NA	NA
2458	NA	8978.772	151708	3.311625	NA	NA	NA	NA
2472	NA	8192.193	156243	3.301908	NA	NA	NA	NA
2481	NA	7996.014	160888	3.245736	NA	NA	NA	NA
2491	NA	8066.367	165613	3.146492	NA	NA	NA	NA
2520	NA	8092.863	170396	3.03763	NA	NA	NA	NA
2502	NA	8602.719	175204	2.958266	NA	NA	NA	NA
2567	NA	12780.87	180075	3.027072	NA	NA	NA	NA
2514	NA	13750.74	184950	3.124088	NA	NA	NA	NA
2524	NA	14164.13	189738	3.230244	NA	NA	NA	NA
2490	NA	13572.38	194252	3.312707	NA	NA	NA	NA
2518	NA	16036.33	198375	3.374417	NA	NA	NA	NA
2533	NA	16173.81	202016	3.407156	NA	NA	NA	NA
2549	NA	17334.65	205266	3.433106	NA	NA	NA	NA
2563	NA	17733.09	208345	3.470686	NA	NA	NA	NA
2576	NA	16647.55	211579	3.522089	NA	NA	NA	NA
2606	NA	18505.8	215196	3.585569	NA	NA	NA	NA
2575	NA	18034.67	219283	3.720763	NA	NA	NA	NA
2509	NA	15943.53	223731	3.859546	NA	NA	NA	NA
2550	NA	16530.46	228376	4.001734	NA	NA	NA	NA
2550	NA	16299.56	232952	4.146348	NA	NA	NA	NA
2603	NA	14530.78	237258	4.294481	NA	NA	NA	NA
2643	NA	NA	241273	4.429422	NA	NA	NA	NA
2680	NA	NA	245006	4.564786	NA	NA	NA	NA
2685	NA	NA	248499	4.711085	NA	NA	NA	NA
2717	NA	NA	251775	4.867044	NA	NA	NA	NA
2730	NA	NA	254886	5.042254	NA	NA	NA	NA
2693	NA	NA	257832	5.276692	NA	NA	NA	NA
2751	NA	NA	260594	5.530826	NA	NA	NA	NA
2727	NA	NA	263179	5.791496	NA	NA	NA	NA
2717	NA	NA	265581	6.044107	NA	NA	NA	NA
2740	NA	NA	267820	6.278097	NA	NA	NA	NA
2733	NA	NA	269843	6.475617	NA	NA	NA	NA
2754	NA	NA	271703	6.646596	NA	NA	NA	NA

2729	NA	NA	273528	6.813928	NA	NA	NA	NA	
2831	NA	NA	275484	7.005126	NA	NA	NA	NA	
2789	NA	NA	277690	7.233606	NA	NA	NA	NA	
2762	NA	NA	280208	7.485511	NA	NA	NA	NA	
2754	NA	NA	283007	7.775426	NA	NA	NA	NA	
1892	NA	332.5047	504167	6.93659	NA	1.050747	NA	NA	
1903	NA	358.561	509806	6.915572	NA	1.110577	NA	NA	
1857	NA	299.2266	516265	6.867984	NA	1.173862	NA	NA	
1840	NA	411.7686	523789	6.795294	NA	1.24074	NA	NA	
1854	NA	425.295	532511	6.698829	NA	1.31134	NA	NA	
1872	NA	453.1317	542557	6.685565	NA	1.385783	NA	NA	
1912	NA	490.3077	553823	6.6505	NA	1.464177	NA	NA	
1950	NA	520.3792	565873	6.595119	NA	1.546617	NA	NA	
1903	NA	550.2859	578108	6.521792	NA	1.633179	NA	NA	
1918	NA	548.708	590118	6.434476	NA	1.723924	NA	NA	
1951	NA	634.3151	601731	6.441915	NA	1.818889	NA	NA	
1912	NA	702.1566	613123	6.435577	NA	1.918087	NA	NA	
1909	NA	1157.151	624621	6.41525	NA	2.021509	NA	NA	
2043	NA	2425.358	636696	6.376984	NA	2.129117	NA	NA	
2047	NA	3320.825	649716	6.320916	NA	2.240846	NA	NA	
2083	NA	4533.814	663770	6.31062	NA	2.3566	NA	NA	
2121	NA	4138.858	678774	6.279999	NA	2.476258	NA	NA	
2181	NA	3439.426	694732	6.237945	NA	2.599667	NA	NA	
2098	NA	4258.764	711533	6.190156	NA	2.726647	NA	NA	
2093	NA	5869.279	729159	6.142419	0.084484	2.856992	5148.608	23.06048	
2073	NA	5166.314	747587	6.141359	0.084538	2.990471	5148.372	23.13336	
2158	NA	4717.982	766855	6.135058	0.084561	3.126831	5148.166	23.20406	
2228	NA	4309.047	787013	6.123533	0.08456	3.265799	5147.982	23.26883	
2295	NA	4407.284	808083	6.10123	0.084525	3.407089	5147.817	23.33299	
2268	NA	4023.582	830085	6.068656	0.084456	3.5504	5147.667	23.40341	
2260	NA	3990.071	853027	6.063466	0.084367	3.695426	5147.431	23.46312	
2217	NA	3742.657	876863	6.047695	0.084337	3.841858	5147.195	23.51353	
2285	NA	4253.668	901458	6.025905	0.084319	3.989387	5146.957	23.56414	
2272	NA	4517.928	926622	6.004822	0.08436	4.13771	5146.714	23.6185	
2168	23.83474	17.42697	6251.017	952212	5.986797	0.084484	4.286536	5146.463	23.6722
2412	24.20234	17.56553	5523.199	978223	5.988103	0.084711	4.435585	5145.408	23.72885
2361	24.23799	17.54282	5566.363	1004676	5.986607	0.085052	4.5846	5143.482	23.78381
2368	24.22468	17.56668	4244.913	1031504	5.98146	0.085466	4.733342	5140.607	23.83856
2305	25.08733	18.13459	3958.596	1058663	5.971589	0.085928	4.881598	5136.696	23.89532
2388	25.86684	18.57245	4565.58	1086137	5.956431	0.086396	5.029184	5131.656	23.96399
2463	26.82384	19.16509	5111.374	1113994	5.951468	0.086806	5.175943	5124.003	24.0419
2456	27.17135	19.32007	4663.14	1142324	5.936494	0.087286	5.321751	5114.369	24.12798
2485	27.58929	19.57588	3827.976	1171224	5.913216	0.0878	5.466515	5102.653	24.21799
2528	27.98132	19.85483	3883.325	1200773	5.880962	0.088902	5.610175	5088.751	24.34335
2561	28.78423	20.31078	4116.461	1231122	5.840526	0.090023	5.752703	5072.559	24.44411
2542	29.80203	20.86228	3976.105	1262259	5.787956	0.091037	5.894104	5058.834	24.56877
2487	29.8573	20.76463	4102.553	1294409	5.725393	0.091968	6.034414	5049.417	24.70727
2497	30.74095	21.25712	4892.012	1328146	5.654424	0.092737	6.173698	5044.88	24.84741
2519	31.17911	21.46019	5685.578	1364205	5.575408	0.094061	6.31205	5045.858	24.98021

2557	31.11249	21.2432	6826.881	1403126	5.489457	0.095285	6.449592	5053.049	25.11259
2559	31.85563	21.51704	7141.549	1444844	5.399268	0.096299	6.586468	5064.661	25.23206
2553	31.45404	21.01996	8352.817	1489193	5.301193	0.097165	6.722845	5076.012	25.34183
2510	31.90964	21.08303	10094.03	1536411	5.198218	0.097858	6.85891	5086.684	25.43392
2539	31.72747	20.73754	7603.66	1586754	5.092661	0.098433	6.994866	5096.173	25.49479
2570	31.19889	20.19894	8754.113	1640210	4.986069	0.098849	7.130928	5103.871	25.52355
2609	31.55691	20.21866	10716.2	1697101	4.888631	0.099075	7.267323	5109.048	25.55156
2644	31.73988	20.11923	9774.181	1756817	4.790254	0.09897	7.404281	5113.641	25.57799
2675	31.74099	19.91816	9679.759	1817271	4.693356	0.098783	7.542037	5116.052	25.60783
2620	32.24115	19.96499	9692.182	1875713	4.600544	0.098228	7.680823	5117.968	25.64193
2613	32.8506	20.05717	7448.716	1930175	4.514668	0.097685	7.820865	5119.288	25.68569
2554	33.03895	19.91242	7078.73	1979786	4.480434	0.097127	7.962379	5119.929	25.72856
2510	32.87465	19.64153	7413.795	2025137	4.450316	0.097127	8.105567	5119.857	25.72856
1956	NA	NA	NA	376737	2.183486	NA	0.449942	NA	NA
1972	NA	NA	NA	383523	2.217077	NA	0.474744	NA	NA
2049	NA	NA	NA	389072	2.254339	NA	0.500976	NA	NA
2088	NA	NA	NA	394553	2.286638	NA	0.528719	NA	NA
2149	NA	NA	NA	400861	2.308281	NA	0.558058	NA	NA
2121	NA	NA	108.3158	408180	2.377873	NA	0.589078	NA	NA
2098	NA	NA	112.1571	416339	2.42831	NA	0.62187	NA	NA
2107	NA	NA	96.73253	425510	2.461752	NA	0.656522	NA	NA
2125	NA	NA	103.646	435798	2.484408	NA	0.693128	NA	NA
2078	NA	NA	116.9206	447285	2.507573	NA	0.731779	NA	NA
2086	NA	NA	121.0981	460194	2.578043	NA	0.772566	NA	NA
2007	NA	NA	124.6716	474539	2.650151	NA	0.815578	NA	NA
1988	NA	NA	153.4884	489861	2.717301	NA	0.860901	NA	NA
1877	NA	NA	189.506	505512	2.770458	NA	0.908618	NA	NA
1793	NA	NA	221.05	521070	2.807492	NA	0.958806	NA	NA
1765	NA	NA	209.1491	536409	2.878773	NA	1.011533	NA	NA
1685	NA	NA	250.2537	551817	2.929776	NA	1.066859	NA	NA
1739	NA	NA	302.6196	567831	2.968665	NA	1.124833	NA	NA
1712	NA	NA	353.9467	585157	2.999537	NA	1.185492	NA	NA
1778	NA	NA	398.8965	604369	3.024477	0.125383	1.248857	5636.778	21.90966
1834	NA	NA	349.7931	625411	3.015457	0.125218	1.314935	5640.835	21.94944
1875	NA	NA	333.3048	648210	3.003502	0.125249	1.383713	5644.386	22.00729
1895	NA	NA	317.0447	673238	2.987354	0.125484	1.455162	5647.541	22.07105
1847	NA	NA	252.9422	701104	2.964182	0.125833	1.52923	5650.381	22.15046
2080	NA	NA	308.3268	732096	2.933495	0.126177	1.605846	5652.963	22.23258
2111	NA	NA	242.1718	766589	2.90312	0.126438	1.684918	5657.017	22.31266
2014	NA	NA	274.3684	804125	2.867713	0.126735	1.766334	5661.07	22.38911
2014	NA	NA	316.3195	843050	2.82759	0.127071	1.849962	5665.168	22.47282
1953	NA	NA	322.4463	881138	2.784013	0.127007	1.935653	5669.353	22.55953
2071	11.90235	8.668587	345.8558	916808	2.739832	0.126841	2.023241	5673.659	22.63346
2097	12.04379	8.748896	727.0347	949493	2.742411	0.125847	2.11255	5676.128	22.71888
2140	12.16739	8.826063	729.0419	979718	2.743647	0.124719	2.203393	5676.457	22.79338
2106	12.27791	8.898461	748.7842	1008358	2.745949	0.123594	2.295577	5674.453	22.85711
2021	12.51264	9.05323	719.9757	1036829	2.752334	0.12252	2.388912	5669.898	22.90496
2022	12.78548	9.22446	737.1788	1066223	2.761805	0.12145	2.483208	5662.554	22.94305
2038	13.05201	9.389356	773.4393	1096708	2.753604	0.120342	2.578285	5653.731	22.98113

2125	13.26954	9.532684	712.3319	1128169	2.74622	0.11925	2.673979	5645.456	23.02148
2017	13.47535	9.651541	723.7948	1160944	2.736825	0.118218	2.770141	5637.973	23.06394
2196	13.64866	9.72784	681.5374	1195420	2.723813	0.116937	2.866647	5631.566	23.08224
2252	13.90142	9.830767	635.5638	1231844	2.706999	0.115709	2.963398	5626.566	23.10776
2264	14.39377	10.08492	541.0559	1270495	2.665969	0.114494	3.060325	5625.971	23.1407
2183	14.78307	10.29106	440.9475	1311349	2.62066	0.113328	3.157391	5628.743	23.17726
2190	15.19551	10.50084	359.6522	1354194	2.577917	0.112019	3.254595	5635.138	23.22371
2178	15.73418	10.77756	413.8404	1398573	2.544379	0.110814	3.351968	5645.412	23.26678
2155	16.146	10.97752	432.1919	1444204	2.523674	0.109694	3.449576	5659.82	23.31379
2132	16.42533	11.11228	439.3433	1491021	2.520756	0.108587	3.547522	5676.052	23.37516
2258	16.63202	11.22284	519.0548	1539116	2.52762	0.107574	3.645938	5691.253	23.42945
2332	16.86	11.34499	607.9555	1588572	2.533911	0.106654	3.744989	5705.025	23.48237
2378	17.09455	11.46353	549.3178	1639560	2.5283	0.10577	3.844867	5716.908	23.5379
2420	17.41159	11.59558	562.4838	1692149	2.50569	0.104693	3.945789	5726.378	23.57232
2434	17.84164	11.7986	514.3782	1746363	2.474972	0.103603	4.047994	5732.84	23.6
2396	18.23754	11.98892	504.9739	1802125	2.431296	0.10254	4.151737	5738.413	23.61685
2362	18.58147	12.17709	735.2358	1859324	2.384791	0.101523	4.257286	5741.323	23.63118
2295	18.86534	12.33694	656.4968	1917852	2.348826	0.100478	4.36492	5743.589	23.66092
2250	19.15101	12.47762	704.974	1977590	2.329401	0.099434	4.474921	5745.125	23.69607
2251	19.3842	12.56917	707.529	2038501	2.329064	0.098471	4.587573	5745.859	23.72682
2261	19.51409	12.58042	709.0772	2100568	2.339272	0.098471	4.703155	5745.758	23.72682
1818	54.83489	21.05657	757.2235	4873500	10.18128	0.207099	11.15971	8457.564	25.25763
1791	52.63843	20.02711	550.0155	4911100	10.66795	0.207217	11.24287	8458.668	25.24725
1860	52.23681	19.85626	517.0871	4861600	11.08399	0.207317	11.32378	8458.838	25.23487
2250	46.02828	17.78952	569.0181	4734000	11.37889	0.207476	11.40247	8457.985	25.22466
2291	43.52195	16.99561	670.4611	4616100	11.7006	0.20776	11.47898	8452.603	25.22701
2363	43.33921	17.00566	774.6802	4531600	11.89565	0.2081	11.55336	8443.082	25.22899
2342	43.78655	17.20423	805.2727	4487300	12.02401	0.208589	11.62571	8429.115	25.23256
2341	44.20821	17.26173	628.8657	4452500	12.17809	0.209969	11.69609	8410.376	25.26175
2268	44.76232	17.46292	691.9977	4418300	12.40899	0.211142	11.76459	8386.517	25.30635
2352	45.05249	17.65331	733.9704	4386400	12.82019	0.212371	11.83134	8364.002	25.36332
2431	48.59707	19.02732	779.3757	4357000	13.29615	0.213782	11.89643	8346.768	25.43711
2535	48.62947	19.02142	927.9892	4301000	13.77304	0.216122	11.96	8335.669	25.51858
2535	46.01494	18.05736	1207.388	4245000	14.14523	0.218923	12.02217	8331.67	25.61183
2605	41.47658	16.16068	1530.035	4190000	14.34856	0.221557	12.08308	8335.848	25.70743
2475	38.01021	14.75565	1872.679	4136000	14.50615	0.223578	12.14287	8346.699	25.78081
2482	38.37031	14.89679	2492.129	4082000	14.52431	0.22495	12.20168	8357.871	25.85107
2530	43.6863	16.99071	3174.949	4030000	14.45147	0.225717	12.25967	8368.912	25.91487
2526	49.63817	19.37614	2706.589	3978000	14.36408	0.226546	12.31697	8379.252	25.96588
2540	51.75018	20.04729	2964.477	3926000	14.31209	0.227209	12.37375	8388.184	25.9998
2518	54.01262	20.67692	3725.063	3875000	14.29188	0.227237	12.43013	8394.834	26.05938
2501	56.8063	21.60965	4142.869	3825000	14.31476	0.227382	12.48627	8401.102	26.09723
2575	57.34205	21.75551	4274.377	3776000	14.38275	0.227592	12.5423	8404.352	26.14434
2581	58.38792	22.32385	4429.65	3727000	14.48667	0.22791	12.59834	8407.072	26.18861
2575	61.02549	23.26268	3764.641	3717100	14.61547	0.228097	12.65452	8409.086	26.22143
2607	62.36549	23.35344	3865.786	3719300	14.73028	0.227865	12.71096	8410.192	26.27279
2501	63.164	23.28585	4057.286	3717100	14.86388	0.227865	12.76776	8410.165	26.27279
2535	NA	NA	NA	73377632	11.68605	NA	9.672955	NA	NA
2597	NA	NA	NA	74025784	11.87978	NA	9.744636	NA	NA

2579	NA	NA	NA	74714353	12.06522	NA	9.815113	NA	NA
2648	NA	NA	NA	75318337	12.25776	NA	9.88439	NA	NA
2695	NA	NA	NA	75963695	12.46608	NA	9.952481	NA	NA
2683	NA	NA	NA	76600311	12.69781	NA	10.0194	NA	NA
2685	NA	NA	NA	76951336	12.93041	NA	10.08518	NA	NA
2716	NA	NA	NA	77294314	13.16109	NA	10.14983	NA	NA
2711	NA	NA	NA	77909682	13.38579	NA	10.2134	NA	NA
2750	NA	NA	2750.72	78169289	13.60549	NA	10.27593	NA	NA
2759	NA	NA	3180.056	78312842	13.89223	NA	10.33745	NA	NA
2783	NA	NA	3795.566	78688452	14.16483	NA	10.39801	NA	NA
2785	NA	NA	5027.66	78936666	14.42065	NA	10.45767	NA	NA
2730	NA	NA	5617.742	78967433	14.65229	NA	10.51649	NA	NA
2753	NA	NA	6212.763	78673554	14.85278	NA	10.57452	NA	NA
2809	NA	NA	6609.753	78336950	15.1603	NA	10.63182	NA	NA
2778	NA	NA	7653.885	78159814	15.41976	NA	10.68847	NA	NA
2877	NA	NA	9446.167	78091820	15.61008	NA	10.74453	NA	NA
2891	NA	NA	11238.34	78126350	15.69356	NA	10.80008	NA	NA
2892	NA	NA	12092.38	78288576	15.64798	0.316737	10.85518	5252.901	24.86035
2882	NA	NA	10170.45	78407907	15.52977	0.312979	10.9099	5245.561	24.91385
2942	NA	NA	9876.228	78333366	15.29001	0.308396	10.96432	5239.139	24.96339
2983	NA	NA	9827.022	78128282	14.99248	0.302847	11.01852	5233.431	25.01079
3021	NA	NA	9277.932	77858685	14.73051	0.296247	11.07255	5228.293	25.05987
3036	NA	NA	9393.892	77684873	14.56327	0.288595	11.1265	5223.623	25.10537
3009	NA	NA	13410.9	77720436	14.53141	0.280014	11.18042	5216.29	25.14794
3006	NA	NA	16614.41	77839920	14.58499	0.270752	11.23438	5208.959	25.19223
3013	NA	NA	17863.44	78144619	14.69133	0.260695	11.28843	5201.544	25.23069
3033	NA	NA	17697.16	78751283	14.80369	0.250808	11.34264	5193.975	25.26415
2973	75.18263	26.47913	22219.57	79433029	14.89624	0.242213	11.39705	5186.185	25.32473
2954	78.36514	26.78226	23269.38	80013896	15.04108	0.236544	11.4517	5177.576	25.39068
3000	79.34006	26.37706	26333.54	80624598	15.1757	0.232259	11.50664	5168.316	25.45226
2840	82.80131	26.73853	25488.52	81156363	15.29477	0.229868	11.5619	5158.345	25.5152
2873	83.57027	26.30094	27087.56	81438348	15.38928	0.22836	11.6175	5147.607	25.59209
2876	85.11858	26.17165	31729.7	81678051	15.45872	0.227922	11.67347	5136.045	25.65508
2961	86.09571	25.92066	30564.25	81914831	15.66498	0.231589	11.72982	5123.646	25.71084
2815	85.55888	25.16598	27045.72	82034771	15.81827	0.236173	11.78656	5110.942	25.7812
2941	85.1477	24.34496	27340.67	82047195	15.96495	0.239225	11.84369	5097.965	25.86548
2929	85.74524	23.79916	26795.99	82100243	16.17126	0.240518	11.90122	5084.754	25.94519
2982	86.41756	23.24349	23718.75	82211508	16.47288	0.23961	11.95912	5071.359	26.02261
2988	86.8374	22.73481	23687.32	82349925	16.88495	0.237538	12.01739	5062.055	26.10474
3066	88.84527	22.71159	25205.16	82488495	17.38181	0.234588	12.076	5057.251	26.17728
3007	89.84038	22.41977	30359.95	82534176	17.91881	0.230458	12.13494	5057.383	26.2443
3027	89.1352	21.68688	34165.93	82516260	18.42435	0.228485	12.19417	5062.926	26.2902
3051	90.26916	21.43809	34696.62	82469422	18.85705	0.226564	12.25366	5074.392	26.32576
3083	90.36994	21.04931	36447.87	82376451	19.3117	0.225241	12.31338	5089.708	26.37308
3181	91.88928	20.99582	41814.82	82266372	19.69364	0.223769	12.37327	5104.636	26.42436
3141	94.41721	21.22313	45699.2	82110097	20.01292	0.222669	12.43331	5118.728	26.46246
3151	95.51416	21.19694	41732.71	81902307	20.2905	0.221544	12.49344	5131.462	26.49906
3125	94.78363	20.87369	41785.56	81776930	20.54161	0.220762	12.55363	5142.222	26.54233
3178	94.70208	20.7749	46810.33	80274983	20.68242	0.219788	12.61381	5150.29	26.58766

3160	91.86088	20.11056	44065.25	80425823	20.7859	0.218315	12.67395	5157.699	26.63917
3154	93.75233	20.39603	46530.91	80645605	20.87664	0.216176	12.73401	5161.524	26.691
3187	89.73563	19.48003	48042.56	80982500	20.98196	0.213998	12.79393	5164.671	26.74086
3195	91.76239	19.88587	41323.92	81686611	21.11756	0.211811	12.85367	5166.971	26.7841
3220	93.82098	20.26541	42232.57	82348669	21.26961	0.20962	12.91319	5168.222	26.82681
3206	92.97478	20.02931	44469.91	82695000	21.45322	0.20962	12.97245	5168.171	26.82681
1921	NA	NA	189.7134	6866539	2.406016	NA	1.818397	NA	NA
1845	NA	NA	195.12	7085464	2.418656	NA	1.913095	NA	NA
1792	NA	NA	210.969	7303432	2.428228	NA	2.010623	NA	NA
1812	NA	NA	230.4312	7513289	2.433235	NA	2.110805	NA	NA
1794	NA	NA	266.3186	7710549	2.434392	NA	2.213442	NA	NA
1906	NA	NA	269.4592	7890992	2.45983	NA	2.31831	NA	NA
2023	NA	NA	216.8414	8057444	2.475872	NA	2.425167	NA	NA
1943	NA	NA	202.762	8221020	2.483731	NA	2.533754	NA	NA
1953	NA	NA	233.6513	8397347	2.484844	NA	2.643797	NA	NA
2049	NA	NA	257.652	8596983	2.479684	NA	2.755012	NA	NA
2051	NA	NA	273.8227	8827273	2.501486	NA	2.867109	NA	NA
1967	NA	NA	232.5399	9083573	2.517357	NA	2.979794	NA	NA
2011	NA	NA	263.686	9350111	2.527938	NA	3.092771	NA	NA
2074	NA	NA	301.3668	9604276	2.534309	NA	3.205751	NA	NA
1957	NA	NA	285.8295	9831407	2.538223	NA	3.318449	NA	NA
1845	NA	NA	275.8779	10023472	2.566825	NA	3.430589	NA	NA
1664	NA	NA	312.9993	10189890	2.587653	NA	3.541908	NA	NA
1641	NA	NA	353.7089	10354499	2.601236	NA	3.652158	NA	NA
1609	NA	NA	381.0362	10550777	2.60686	NA	3.761107	NA	NA
1572	NA	NA	411.5179	10802028	2.603206	0.044424	3.868543	7412.224	21.52257
1574	NA	NA	379.7978	11117605	2.621662	0.04422	3.974276	7414.073	21.50649
1472	NA	NA	351.3194	11488106	2.636283	0.044037	4.078136	7415.69	21.49519
1512	NA	NA	341.0872	11895125	2.648026	0.043869	4.179982	7417.129	21.48596
1736	NA	NA	358.3968	12311158	2.658629	0.043723	4.279695	7418.423	21.48457
1759	NA	NA	354.22	12716228	2.670234	0.043587	4.377187	7419.599	21.49246
1811	NA	NA	437.0782	13104296	2.694941	0.043463	4.472396	7421.447	21.5085
1867	NA	NA	376.4318	13481406	2.716037	0.04336	4.565292	7423.293	21.53078
1833	NA	NA	375.1812	13854214	2.734518	0.043278	4.655875	7425.161	21.57219
1859	NA	NA	368.9624	14233874	2.750755	0.043255	4.744176	7427.068	21.6287
1669	21.07508	15.09118	402.5889	14628260	2.765168	0.043286	4.830257	7429.031	21.69207
2026	21.641	15.39347	438.6143	15039514	2.814592	0.043322	4.914212	7430.151	21.76666
2032	22.25284	15.72899	414.7673	15463854	2.860264	0.043397	4.996167	7430.291	21.84886
2197	22.44379	15.77757	375.3204	15896432	2.90228	0.04354	5.076278	7429.362	21.9368
2247	22.76167	15.91245	333.4049	16330174	2.940452	0.043748	5.154731	7427.265	22.03126
2275	23.345	16.22192	385.7373	16760467	2.974965	0.044021	5.231743	7423.89	22.12842
2327	23.89468	16.49458	403.5344	17185608	2.990124	0.044387	5.307554	7418.019	22.22974
2373	24.4118	16.73235	391.3557	17608812	2.99809	0.044763	5.382433	7410.415	22.33085
2383	24.46024	16.66516	414.7685	18036494	3.001104	0.045114	5.456671	7401.01	22.42091
2408	24.5869	16.64513	417.768	18477612	3.001557	0.044937	5.530582	7389.737	22.53927
2435	24.86835	16.72566	263.1125	18938762	3.001004	0.044682	5.604495	7376.533	22.65359
2494	25.25135	16.86276	273.6597	19421605	3.077918	0.044049	5.678757	7365.695	22.76363
2585	25.39873	16.84081	309.4845	19924522	3.154982	0.043287	5.753726	7358.763	22.87229
2600	25.46357	16.75923	373.2816	20446782	3.230034	0.042249	5.829772	7356.248	22.97332

2601	25.50834	16.64846	423.1936	20986536	3.29963	0.040332	5.907267	7358.716	23.06912
2652	25.72534	16.6226	498.1724	21542009	3.361195	0.038439	5.986586	7366.79	23.16241
2729	26.18541	16.79737	922.9537	22113425	3.41285	0.036804	6.068104	7379.49	23.24789
2702	26.62623	16.99711	1090.687	22700212	3.448214	0.036292	6.152188	7392.667	23.32855
2855	26.82044	17.06715	1224.402	23298640	3.47152	0.03593	6.239196	7406.006	23.38529
2928	27.28806	17.2943	1086.765	23903831	3.490549	0.035261	6.32947	7419.123	23.43751
2948	27.8554	17.54776	1312.608	24512104	3.51029	0.03448	6.423335	7431.544	23.49119
2892	28.26356	17.58621	1574.979	25121796	3.480635	0.033728	6.521094	7442.695	23.58195
2957	28.38047	17.46137	1629.8	25733049	3.45849	0.03302	6.623021	7453.705	23.69594
2878	28.72017	17.48911	2401.754	26346251	3.438975	0.032386	6.729362	7459.281	23.81412
2866	29.08421	17.55147	1987.983	26962563	3.415569	0.031852	6.840325	7464.159	23.92451
2806	29.65047	17.70211	1783.061	27582821	3.386401	0.031726	6.956083	7468.022	24.02153
2811	30.33787	17.90087	1950.234	28206728	3.388387	0.031724	7.076768	7470.387	24.10258
2916	30.50728	17.82356	2046.11	28833629	3.384513	0.031724	7.202469	7470.467	24.10258
2682	NA	NA	597.2873	8398050	7.167141	NA	6.822839	NA	NA
2637	NA	NA	630.6139	8448233	7.302992	NA	6.884145	NA	NA
2666	NA	NA	701.6204	8479625	7.452826	NA	6.948373	NA	NA
2725	NA	NA	784.9543	8510429	7.606515	NA	7.015671	NA	NA
2750	NA	NA	888.922	8550333	7.760295	NA	7.086181	NA	NA
2755	NA	NA	981.6524	8613651	8.185576	NA	7.16003	NA	NA
2806	NA	NA	1052.121	8684088	8.629037	NA	7.237328	NA	NA
2848	NA	NA	1134.356	8740765	9.099002	NA	7.318172	NA	NA
2848	NA	NA	1284.212	8772764	9.613399	NA	7.402635	NA	NA
2938	NA	NA	1494.388	8792806	10.18269	NA	7.49077	NA	NA
2935	NA	NA	1652.327	8831036	10.46323	NA	7.582605	NA	NA
2901	NA	NA	1899.675	8888628	10.75528	NA	7.678143	NA	NA
3142	NA	NA	2502.814	8929086	11.04657	NA	7.777355	NA	NA
3068	NA	NA	2828.748	8962022	11.31774	NA	7.880186	NA	NA
3069	NA	NA	3153.235	9046541	11.56016	NA	7.986549	NA	NA
3028	NA	NA	3390.545	9188150	11.80143	NA	8.096324	NA	NA
3031	NA	NA	3886.374	9308479	12.0136	NA	8.20936	NA	NA
3026	NA	NA	4694.634	9429959	12.19708	NA	8.325474	NA	NA
3016	NA	NA	5705.949	9548258	12.35264	NA	8.444454	NA	NA
2941	NA	NA	5893.662	9642505	12.48131	0.340312	8.566056	5236.865	24.93756
3064	NA	NA	5380.268	9729350	12.54238	0.340589	8.69001	5234.136	25.01373
3097	NA	NA	5579.235	9789513	12.59554	0.341153	8.816024	5231.748	25.08715
3123	NA	NA	5019.879	9846627	12.6471	0.342141	8.94378	5229.626	25.16897
3229	NA	NA	4852.566	9895801	12.70058	0.343745	9.072947	5227.715	25.25803
3184	NA	NA	4813.711	9934300	12.75736	0.346792	9.203176	5225.979	25.34142
3010	NA	NA	5656.505	9967213	12.81834	0.350352	9.334112	5223.252	25.41566
3129	NA	NA	6564.885	10000595	12.9056	0.353854	9.465393	5220.526	25.48625
3222	NA	NA	7598.028	10036983	13.0467	0.357853	9.596657	5217.77	25.5555
3289	NA	NA	7846.678	10089498	13.26008	0.350205	9.727545	5214.955	25.62716
3241	58.77558	18.43954	9600.185	10196792	13.5453	0.342434	9.857708	5212.058	25.73157
3255	59.92789	18.54316	10188.37	10319927	13.73465	0.335932	9.986807	5208.655	25.8388
3307	63.57061	19.32351	11176.46	10399061	13.94476	0.33134	10.11452	5204.789	25.93211
3261	63.04005	18.92611	10401.98	10460415	14.18097	0.328426	10.24054	5200.418	26.02207
3290	62.96728	18.76413	11091.28	10512922	14.44628	0.326467	10.3646	5195.5	26.09406
3224	63.15866	18.70496	12959.32	10562153	14.73992	0.32558	10.48642	5189.99	26.17097



3229	63.70357	18.66223	13749.12	10608800	15.06351	0.326291	10.6058	5182.621	26.23901
3268	63.17304	18.2834	13427.83	10661259	15.39964	0.328434	10.72251	5173.671	26.29992
3241	65.32128	18.61636	13472.14	10720509	15.74062	0.332372	10.83639	5163.039	26.35402
3325	67.30337	18.98108	13245.19	10761698	16.0719	0.334756	10.9473	5150.618	26.41154
3298	66.18645	18.7283	12042.95	10805808	16.38417	0.335057	11.05512	5136.294	26.48836
3306	67.84002	19.05642	12538.18	10862132	16.74534	0.335485	11.15976	5124.792	26.56033
3328	72.18816	19.93851	14110.31	10902022	17.08558	0.336423	11.26118	5117.756	26.65198
3336	74.87109	20.52506	18477.58	10928070	17.39022	0.337147	11.35934	5115.737	26.73861
3397	78.73665	21.23804	21955.1	10955141	17.63831	0.337912	11.45425	5119.342	26.82864
3302	78.98551	21.04181	22551.74	10987314	17.82176	0.339465	11.54593	5129.247	26.87328
3244	77.75934	20.50894	24801.16	11020362	17.98179	0.338906	11.63443	5144.022	26.91759
3236	80.81346	20.85442	28827.33	11048473	18.06113	0.337888	11.71982	5159.013	26.94713
3246	80.26148	20.44726	31997.28	11077841	18.10741	0.337049	11.8022	5173.831	26.97252
3269	78.43714	19.37715	29710.97	11107017	18.19005	0.336289	11.88167	5188.007	27.00746
3207	79.45168	19.2963	26917.76	11121341	18.35014	0.33439	11.95837	5200.97	27.02362
3187	79.26774	19.12461	25916.29	11104899	18.57502	0.331704	12.03242	5212.037	27.03317
3142	81.26709	19.47246	22242.68	11045011	18.88461	0.328532	12.104	5222.766	27.01876
3134	78.9836	18.84454	21874.82	10965211	19.24805	0.323701	12.17325	5228.226	27.00161
3178	76.52618	18.20687	21760.98	10892413	19.61211	0.317457	12.24034	5232.933	26.98251
3133	76.80318	18.13194	18070.78	10820883	19.94783	0.310967	12.30545	5236.591	26.95487
3078	79.15023	18.4189	17881.53	10775971	20.19065	0.304487	12.36875	5238.774	26.93689
3098	79.69592	18.47588	18613.42	10760421	20.39624	0.304487	12.43041	5238.815	26.93689
1457	NA	NA	NA	91260	4.902476	NA	3.34237	NA	NA
1483	NA	NA	NA	92425	4.936976	NA	3.400868	NA	NA
1525	NA	NA	NA	93350	4.959829	NA	3.459745	NA	NA
1564	NA	NA	NA	94066	4.962473	NA	3.519036	NA	NA
1601	NA	NA	NA	94581	4.951312	NA	3.578783	NA	NA
1691	NA	NA	NA	94875	4.994993	NA	3.639031	NA	NA
1704	NA	NA	NA	94961	5.050494	NA	3.699832	NA	NA
1729	NA	NA	NA	94868	5.110258	NA	3.761243	NA	NA
1776	NA	NA	NA	94682	5.178387	NA	3.823325	NA	NA
1858	NA	NA	NA	94426	5.239023	NA	3.886142	NA	NA
1816	NA	NA	NA	94185	5.487073	NA	3.949763	NA	NA
1783	NA	NA	NA	93934	5.688036	NA	4.014259	NA	NA
1787	NA	NA	NA	93630	5.863505	NA	4.079701	NA	NA
1787	NA	NA	NA	93152	6.027783	NA	4.146165	NA	NA
1808	NA	NA	NA	92448	6.202406	NA	4.213725	NA	NA
1844	NA	NA	NA	91437	6.362851	NA	4.282455	NA	NA
1966	NA	NA	792.7625	90184	6.546616	NA	4.352429	NA	NA
1992	NA	NA	991.5731	89073	6.750643	NA	4.423717	NA	NA
2000	NA	NA	1154.417	88568	6.937043	NA	4.496389	NA	NA
1954	NA	NA	1246.003	89005	7.091736	0.078918	4.570509	3171.904	23.68223
1926	NA	NA	1276.906	90572	6.995539	0.078561	4.64614	3169.627	23.70008
1807	NA	NA	1347.451	93091	6.850286	0.078211	4.723337	3167.635	23.71604
1744	NA	NA	1373.168	95985	6.66875	0.077841	4.802152	3165.864	23.73345
1744	NA	NA	1478.411	98439	6.456791	0.077523	4.882631	3164.269	23.75542
1786	NA	NA	1678.863	99906	6.227854	0.077371	4.964811	3162.82	23.78712
1784	NA	NA	1873.217	100143	6.383871	0.077582	5.048726	3160.546	23.85048
1985	NA	NA	2163.509	99380	6.601932	0.077906	5.1344	3158.271	23.92961

2015	NA	NA	2410.287	98062	6.916033	0.078282	5.221851	3155.97	24.02719
2047	NA	NA	2759.682	96869	7.347036	0.078869	5.311088	3153.622	24.13882
2091	42.37969	21.36779	2888.348	96283	7.890282	0.079435	5.402113	3151.205	24.2555
2061	42.6172	21.21515	3118.148	96454	7.90947	0.079696	5.49492	3148.097	24.35195
2051	42.73575	21.13958	3191.017	97198	7.961069	0.079878	5.589494	3144.312	24.44752
2065	43.21697	21.33742	3151.54	98305	8.016886	0.080038	5.685813	3139.787	24.53364
2034	42.98093	21.01928	3270.578	99405	8.024747	0.080092	5.783844	3134.457	24.6178
2001	42.2507	20.39195	3413.022	100255	7.958705	0.080182	5.88355	3128.254	24.69508
1968	41.64437	19.90691	3640.139	100796	7.989404	0.080284	5.984882	3121.88	24.76913
2024	40.9401	19.44037	3878.39	101122	7.942881	0.080111	6.087786	3115.984	24.84499
1957	40.36896	19.0515	4401.421	101309	7.856163	0.07999	6.192199	3110.672	24.92818
1897	39.17667	18.28442	4751.576	101442	7.787701	0.07977	6.29805	3106.063	25.01756
1870	39.28097	18.17788	5117.59	101619	7.766264	0.079608	6.405265	3102.295	25.09754
1935	39.33064	18.04055	5109.959	101849	7.72418	0.080063	6.513758	3101.425	25.16847
1946	40.2349	18.30944	5292.232	102100	7.712047	0.080328	6.623443	3102.955	25.24399
1949	40.64168	18.34661	5773.074	102375	7.721612	0.08048	6.734226	3107.062	25.33368
2023	40.92707	18.3919	5836.177	102656	7.708268	0.080485	6.846009	3113.925	25.42808
2009	41.84638	18.65658	6754.512	102949	7.655247	0.08007	6.958693	3123.732	25.534
2038	43.54142	19.24779	6766.487	103259	7.615801	0.079693	7.072173	3134.86	25.62728
2039	45.48486	19.97364	7324.19	103586	7.539629	0.079258	7.186346	3145.266	25.72147
2069	47.37144	20.69401	7947.427	103930	7.444434	0.078865	7.301105	3154.663	25.80825
2072	49.27255	21.48526	7395.064	104296	7.342563	0.078554	7.416347	3162.728	25.87745
2080	51.5385	22.34298	7365.642	104677	7.2461	0.078046	7.531968	3169.088	25.93632
2066	53.47268	23.05392	7410.478	105075	7.209136	0.077936	7.647865	3173.32	25.98637
2080	55.57959	23.91933	7583.188	105481	7.177596	0.077666	7.763939	3176.926	26.0217
2087	56.88043	24.49486	7956.077	105909	7.154255	0.077397	7.880096	3178.816	26.05387
2027	58.72153	25.2538	8569.927	106360	7.147424	0.077084	7.996243	3180.27	26.08872
2082	60.72967	26.06674	9333.27	106823	7.156698	0.076807	8.112294	3181.235	26.12327
2041	64.84582	27.69062	9892.479	107317	7.221596	0.076513	8.228168	3181.678	26.1612
2048	63.47458	26.84056	10451.03	107825	7.304428	0.076513	8.343788	3181.602	26.1612
1641	NA	NA	248.3082	4336143	2.661075	NA	1.563801	NA	NA
1671	NA	NA	256.1685	4464249	2.685065	NA	1.610126	NA	NA
1714	NA	NA	274.79	4595510	2.704662	NA	1.657595	NA	NA
1772	NA	NA	274.6198	4730540	2.723304	NA	1.706218	NA	NA
1750	NA	NA	273.404	4869716	2.74209	NA	1.756	NA	NA
1744	NA	NA	277.4102	5013153	2.776516	NA	1.806945	NA	NA
1752	NA	NA	281.6528	5160609	2.809281	NA	1.859055	NA	NA
1758	NA	NA	303.2035	5311615	2.836501	NA	1.91233	NA	NA
1790	NA	NA	313.859	5465512	2.85342	NA	1.966766	NA	NA
1794	NA	NA	338.682	5621792	2.858999	NA	2.02236	NA	NA
1756	NA	NA	343.3625	5780480	2.874138	NA	2.079103	NA	NA
1751	NA	NA	353.6609	5941567	2.87924	NA	2.136985	NA	NA
1787	NA	NA	420.8678	6104530	2.878256	NA	2.195996	NA	NA
1771	NA	NA	504.3305	6268707	2.876271	NA	2.256119	NA	NA
1817	NA	NA	566.6854	6433728	2.876746	NA	2.317338	NA	NA
1759	NA	NA	661.4879	6599214	2.899936	NA	2.379634	NA	NA
1779	NA	NA	810.0639	6765516	2.922881	NA	2.442985	NA	NA
1804	NA	NA	875.495	6933906	2.943017	NA	2.507369	NA	NA
1814	NA	NA	971.3565	7106145	2.958468	NA	2.572762	NA	NA

1806	NA	NA	1081.725	7283459	2.969331	0.075579	2.639136	7022.358	23.86207
2040	NA	NA	1152.818	7466488	2.995023	0.074504	2.706465	7024.995	23.91187
1908	NA	NA	1138.76	7654819	3.01691	0.073444	2.774721	7027.302	23.95339
1801	NA	NA	1153.238	7847472	3.037679	0.07243	2.843877	7029.353	23.99955
1681	NA	NA	1177.436	8042897	3.061372	0.071461	2.913904	7031.199	24.04613
1853	NA	NA	1179.804	8240060	3.090839	0.070547	2.984776	7032.877	24.0842
1987	NA	NA	857.0095	8438604	3.141799	0.06968	3.056465	7035.511	24.12021
1955	NA	NA	820.0383	8639108	3.195411	0.068857	3.128949	7038.146	24.15228
1984	NA	NA	886.8008	8842575	3.25049	0.067671	3.202203	7040.81	24.18683
1859	NA	NA	929.3141	9050465	3.305642	0.066563	3.276209	7043.529	24.22158
1971	12.31267	7.556032	825.8074	9263813	3.360279	0.065417	3.350948	7046.328	24.25367
1936	13.60847	8.300984	991.8623	9483270	3.438308	0.064262	3.426407	7048.695	24.28278
1899	14.73779	8.941729	1075.428	9708544	3.509455	0.06305	3.502577	7050.503	24.31467
1949	15.07007	9.062337	1147.026	9938692	3.573609	0.061813	3.579451	7051.701	24.3468
1953	16.2497	9.588633	1276.333	10172297	3.631864	0.060215	3.657029	7052.232	24.38573
1869	13.61248	8.018248	1408.024	10408489	3.685011	0.058713	3.735315	7052.03	24.43842
1870	13.25137	7.659397	1472.275	10646674	3.755332	0.057372	3.814316	7050.787	24.51795
1760	14.88925	8.422469	1633.966	10887634	3.823558	0.05615	3.894048	7048.983	24.5993
1771	16.36065	8.965563	1742.084	11133501	3.886639	0.055317	3.974527	7046.616	24.68804
1741	16.3123	8.715416	1608.684	11387203	3.94052	0.054211	4.05578	7043.693	24.79366
1746	17.7397	9.336046	1655.588	11650743	3.983995	0.05338	4.137835	7040.222	24.89312
1821	16.31769	8.535852	1568.376	11924946	4.033117	0.052758	4.220725	7039.369	25.00692
1910	16.34743	8.497619	1701.771	12208848	4.072923	0.052293	4.304489	7041.699	25.12598
1865	16.374	8.407945	1753.349	12500478	4.105851	0.052042	4.389169	7047.554	25.24028
1854	16.89493	8.485633	1872.737	12796925	4.135876	0.053248	4.474811	7057.304	25.33285
1874	17.64123	8.650487	2077.834	13096028	4.165614	0.054712	4.561465	7071.355	25.42594
1933	17.50173	8.407186	2256.567	13397008	4.187144	0.056125	4.649182	7087.097	25.52348
1914	17.08329	8.135055	2489.956	13700286	4.212876	0.056026	4.738017	7101.301	25.6241
1906	16.6088	7.8633	2794.226	14006366	4.24055	0.05573	4.828023	7113.535	25.71806
1942	17.83398	8.367748	2635.759	14316208	4.266619	0.055746	4.919257	7123.301	25.81518
1959	18.17294	8.455139	2825.519	14630417	4.290493	0.0556	5.011773	7130.02	25.91026
1976	18.15297	8.372216	3187.841	14948919	4.324493	0.055408	5.105627	7133.024	26.0035
1962	18.2796	8.403951	3299.606	15271056	4.353235	0.055043	5.200872	7134.87	26.08604
1956	17.87366	8.159743	3452.835	15596214	4.38593	0.054653	5.297558	7135.94	26.16591
1990	18.56561	8.379165	3687.764	15923559	4.435302	0.054427	5.395732	7136.482	26.23774
2033	18.92813	8.427282	3923.573	16252429	4.50732	0.054195	5.49544	7136.539	26.30023
2060	19.57289	8.6096	4140.738	16582469	4.590945	0.054003	5.59672	7136.272	26.34963
2078	19.59959	8.521346	4470.99	16913503	4.69396	0.054003	5.699609	7136.082	26.34963
1925	NA	NA	NA	3633652	3.41582	NA	0.303322	NA	NA
1899	NA	NA	NA	3690664	3.368364	NA	0.321138	NA	NA
1912	NA	NA	NA	3749505	3.304916	NA	0.3399	NA	NA
2029	NA	NA	NA	3811659	3.231349	NA	0.359636	NA	NA
1977	NA	NA	NA	3877806	3.150622	NA	0.38037	NA	NA
1977	NA	NA	NA	3948869	3.157765	NA	0.402124	NA	NA
1986	NA	NA	NA	4023486	3.154528	NA	0.424917	NA	NA
1971	NA	NA	NA	4097191	3.140566	NA	0.448765	NA	NA
1938	NA	NA	NA	4164003	3.114719	NA	0.473681	NA	NA
1990	NA	NA	NA	4219770	3.078225	NA	0.499674	NA	NA
2016	NA	NA	NA	4263840	3.117518	NA	0.526752	NA	NA

1994	NA	NA	NA	4298091	3.137439	NA	0.554919	NA	NA
2119	NA	NA	NA	4324360	3.13984	NA	0.584176	NA	NA
2104	NA	NA	NA	4345545	3.126996	NA	0.614523	NA	NA
2138	NA	NA	NA	4364514	3.099681	NA	0.645956	NA	NA
2167	NA	NA	NA	4381601	3.155239	NA	0.678474	NA	NA
2213	NA	NA	NA	4398484	3.196397	NA	0.71207	NA	NA
2276	NA	NA	NA	4421134	3.220712	NA	0.746742	NA	NA
2332	NA	NA	NA	4457078	3.224781	NA	0.782486	NA	NA
2293	NA	NA	NA	4511902	3.205876	0.093314	0.819301	5693.219	21.45648
2385	NA	NA	NA	4589784	3.250131	0.092592	0.857187	5696.563	21.48414
2300	NA	NA	NA	4690605	3.283457	0.091794	0.896149	5699.488	21.51167
2281	NA	NA	NA	4810496	3.305522	0.090959	0.936195	5702.089	21.53633
2347	NA	NA	NA	4943144	3.316836	0.090121	0.977336	5704.43	21.56175
2314	NA	NA	NA	5084767	3.318185	0.089314	1.01959	5706.558	21.58542
2334	NA	NA	367.6244	5229797	3.355828	0.088576	1.062981	5709.898	21.6077
2325	NA	NA	379.3635	5381483	3.389549	0.087928	1.107537	5713.238	21.62768
2443	NA	NA	429.2253	5554882	3.419299	0.087341	1.153295	5716.616	21.65269
2399	NA	NA	421.4479	5770652	3.442869	0.087153	1.200297	5720.065	21.67979
2344	17.80847	13.83402	441.4128	6041094	3.458198	0.086998	1.248594	5723.614	21.70342
2328	17.79705	13.85178	472.9738	6374329	3.462011	0.086655	1.298242	5725.771	21.72594
2353	17.84642	13.86987	485.9748	6758838	3.468496	0.086334	1.349307	5726.299	21.74598
2337	17.90948	13.89934	457.7628	7163236	3.478554	0.086069	1.401858	5725.05	21.76193
2319	18.09827	13.99707	448.4476	7544291	3.495438	0.085839	1.455974	5721.859	21.77653
2277	18.18913	14.04587	469.2761	7871173	3.523655	0.085616	1.511739	5716.544	21.78576
2246	18.30232	14.09008	475.7464	8132552	3.516571	0.085311	1.569244	5710.061	21.79302
2186	18.44071	14.0953	453.8012	8337988	3.499273	0.085053	1.628584	5703.952	21.7987
2154	18.67184	14.25631	421.9982	8503297	3.475181	0.084838	1.689858	5698.399	21.80194
2213	18.94985	14.37042	399.974	8653769	3.446036	0.084506	1.753172	5693.616	21.81667
2243	19.01264	14.3425	340.0517	8808546	3.412084	0.084261	1.818629	5689.847	21.84021
2225	19.33739	14.44171	315.8398	8971139	3.392802	0.084036	1.886337	5690.229	21.85933
2257	19.57463	14.51771	322.8112	9137345	3.362596	0.083807	1.956405	5694.085	21.8836
2293	19.74111	14.54801	370.1932	9309848	3.322471	0.083406	2.028938	5701.697	21.91164
2313	20.03958	14.66834	386.3288	9490229	3.273061	0.083082	2.104041	5713.357	21.94261
2319	20.35201	14.79371	303.4245	9679745	3.215188	0.082818	2.181814	5729.361	21.98147
2377	20.86605	15.10341	427.0657	9881428	3.213351	0.082648	2.262353	5747.169	22.0352
2376	21.23111	15.32423	622.1737	10096727	3.205316	0.082579	2.345747	5763.717	22.09407
2401	21.65027	15.60321	674.6182	10323142	3.189039	0.082611	2.432077	5778.574	22.16092
2414	22.03305	15.86835	636.28	10556524	3.161467	0.082648	2.521419	5791.246	22.22705
2423	22.49542	16.15953	634.9231	10794170	3.122436	0.082581	2.613835	5801.166	22.28135
2425	23.07003	16.49406	614.8648	11035170	3.114433	0.082529	2.709381	5807.688	22.33804
2452	23.47792	16.72588	677.0435	11281469	3.095217	0.082476	2.8081	5813.185	22.38795
2477	23.87995	16.96099	726.0894	11536615	3.073102	0.082471	2.910025	5816.07	22.43516
2697	24.35439	17.24287	743.5913	11805509	3.058106	0.082461	3.015179	5818.267	22.48422
2689	24.69037	17.41509	727.3025	12091533	3.054956	0.08246	3.123573	5819.706	22.5294
2699	24.92964	17.49501	701.3886	12395924	3.091879	0.082426	3.235206	5820.346	22.56289
2675	25.09456	17.49472	823.4937	12717176	3.134886	0.082426	3.35007	5820.22	22.56289
1602	NA	NA	NA	623415	2.972017	NA	0.291016	NA	NA
1560	NA	NA	NA	629969	3.007926	NA	0.307469	NA	NA
1579	NA	NA	NA	636586	3.031955	NA	0.324838	NA	NA

1597	NA	NA	NA	643961	3.036364	NA	0.343165	NA	NA
1639	NA	NA	NA	652562	3.018411	NA	0.362494	NA	NA
1647	NA	NA	NA	662463	3.045604	NA	0.382867	NA	NA
1615	NA	NA	NA	673462	3.055406	NA	0.404327	NA	NA
1510	NA	NA	NA	685476	3.059772	NA	0.426917	NA	NA
1595	NA	NA	NA	698338	3.069431	NA	0.450681	NA	NA
1497	NA	NA	110.6078	711827	3.090779	NA	0.475658	NA	NA
1597	NA	NA	108.1438	726256	3.168717	NA	0.501891	NA	NA
1535	NA	NA	118.2792	741490	3.248055	NA	0.529419	NA	NA
1530	NA	NA	118.1761	756280	3.324166	NA	0.558279	NA	NA
1580	NA	NA	128.4556	768945	3.39296	NA	0.588508	NA	NA
1652	NA	NA	139.9999	778470	3.454083	NA	0.62014	NA	NA
1728	NA	NA	143.3216	784156	3.535649	NA	0.653209	NA	NA
1809	NA	NA	146.1336	786754	3.583204	NA	0.687745	NA	NA
1917	NA	NA	155.5709	788495	3.591272	NA	0.723775	NA	NA
1919	NA	NA	149.5818	792462	3.550959	NA	0.761327	NA	NA
1990	NA	NA	138.1698	800854	3.454687	0.084458	0.800424	5674.227	21.91018
2110	NA	NA	189.9701	814507	3.476459	0.083295	0.841089	5677.162	21.9778
2121	NA	NA	198.7871	832668	3.475215	0.082184	0.883342	5679.731	22.05033
2116	NA	NA	191.5174	854113	3.455632	0.081156	0.927202	5682.014	22.11985
2110	NA	NA	157.9236	876873	3.419309	0.080219	0.972686	5684.069	22.1948
2318	NA	NA	159.9275	899509	3.37095	0.079314	1.019811	5685.937	22.26399
2218	NA	NA	141.2992	921626	3.350491	0.07843	1.068593	5688.87	22.33118
2237	NA	NA	184.2234	943617	3.320733	0.077624	1.119047	5691.803	22.39326
2182	NA	NA	170.292	965742	3.28214	0.076891	1.17119	5694.768	22.45781
2157	NA	NA	215.6183	988520	3.235038	0.076533	1.225037	5697.796	22.52611
2228	20.20032	15.84047	241.0025	1012280	3.180444	0.076225	1.280606	5700.911	22.58739
2296	20.34488	15.90651	247.9382	1037155	3.164619	0.075775	1.337917	5702.65	22.65043
2357	20.51601	15.99772	212.9408	1062800	3.138878	0.075396	1.39699	5702.789	22.71138
2289	20.68103	16.08259	217.6075	1088569	3.104443	0.075098	1.457848	5701.182	22.76801
2299	20.85895	16.1688	211.5953	1113541	3.062842	0.074838	1.520518	5697.67	22.82213
2315	21.09146	16.2923	223.3418	1137122	3.014364	0.07459	1.585028	5692.071	22.8671
2201	21.28284	16.3825	233.3096	1159060	3.006057	0.074285	1.651411	5684.833	22.90856
2123	21.43126	16.44076	227.6383	1179727	2.992048	0.074046	1.719703	5677.423	22.9519
2116	21.59551	16.52802	172.0601	1199915	2.97071	0.073872	1.789943	5669.97	22.98357
2117	21.72497	16.57567	183.853	1220794	2.941938	0.073587	1.862175	5662.629	23.06053
2205	21.86218	16.6247	297.7519	1243229	2.90574	0.073394	1.936447	5655.584	23.12624
2215	22.00071	16.6743	309.4867	1267512	2.8866	0.073239	2.012808	5652.084	23.27642
2226	22.36776	16.89605	321.4813	1293523	2.859246	0.07315	2.091314	5651.956	23.43542
2165	22.63896	17.04901	360.5719	1321202	2.828182	0.072937	2.172022	5655.522	23.59349
2157	23.06313	17.31151	393.3138	1350345	2.799137	0.072811	2.254994	5663.123	23.74253
2169	23.20717	17.37007	424.9562	1380838	2.77433	0.072692	2.340293	5675.115	23.88565
2151	23.76257	17.70775	418.9513	1412669	2.785012	0.072563	2.427985	5689.633	24.02836
2185	24.35037	18.05491	481.335	1445958	2.7969	0.072519	2.518137	5703.55	24.06864
2200	24.75338	18.26291	583.8944	1480841	2.806783	0.07255	2.610818	5716.506	24.11429
2183	25.21048	18.50623	544.8613	1517448	2.809981	0.072632	2.706096	5728.079	24.15797
2248	25.52269	18.63355	545.7041	1555880	2.805165	0.072557	2.80404	5737.774	24.20241
2238	25.76777	18.71729	688.1412	1596154	2.819778	0.072387	2.904716	5745.022	24.26815
2233	26.19496	18.95395	603.934	1638139	2.825706	0.07225	3.00819	5751.61	24.32246

2188	26.54019	19.1357	621.9407	1681495	2.83129	0.072192	3.114523	5755.009	24.37587
2115	26.83822	19.28344	610.4685	1725744	2.846714	0.072103	3.223774	5757.785	24.4325
2086	27.13372	19.42063	591.8061	1770526	2.876885	0.072042	3.335998	5759.8	24.49154
2130	27.36544	19.50083	648.8989	1815698	2.93562	0.07198	3.451242	5760.886	24.54215
2226	27.3846	19.43351	723.6094	1861283	3.001908	0.07198	3.569549	5760.834	24.54215
1920	NA	NA	315.3855	589274	3.407922	NA	4.822811	NA	NA
1916	NA	NA	321.5458	606285	3.417535	NA	4.916558	NA	NA
1871	NA	NA	282.3063	622575	3.436213	NA	5.010896	NA	NA
1926	NA	NA	305.3616	637845	3.456953	NA	5.105746	NA	NA
1856	NA	NA	327.1142	651868	3.464045	NA	5.201026	NA	NA
1903	NA	NA	344.1665	664521	3.456776	NA	5.296647	NA	NA
1882	NA	NA	370.1542	675871	3.451842	NA	5.392518	NA	NA
1859	NA	NA	334.8413	686146	3.46486	NA	5.488545	NA	NA
1879	NA	NA	358.3209	695745	3.49079	NA	5.584628	NA	NA
1854	NA	NA	379.8937	704934	3.505576	NA	5.680665	NA	NA
1847	NA	NA	395.2029	713684	3.520326	NA	5.776551	NA	NA
1820	NA	NA	395.2929	721948	3.529617	NA	5.872178	NA	NA
1890	NA	NA	420.6616	729916	3.553971	NA	5.967435	NA	NA
1966	NA	NA	588.1362	737847	3.594106	NA	6.06221	NA	NA
2020	NA	NA	663.401	745841	3.624901	NA	6.15639	NA	NA
2001	NA	NA	602.6248	754101	3.635852	NA	6.24986	NA	NA
2020	NA	NA	590.0654	762424	3.64115	NA	6.342509	NA	NA
2013	NA	NA	658.4386	770125	3.667457	NA	6.434222	NA	NA
1970	NA	NA	683.333	776254	3.714635	NA	6.524892	NA	NA
2013	NA	NA	773.1817	780153	3.756699	0.127535	6.614411	3151.507	24.14006
2038	NA	NA	729.607	781732	3.766892	0.126977	6.702677	3151.645	24.20076
1991	NA	NA	616.9632	781246	3.798803	0.126528	6.789594	3151.765	24.25821
2000	NA	NA	628.1977	778948	3.889091	0.126119	6.875074	3151.872	24.31508
2002	NA	NA	564.5264	775219	4.010738	0.125707	6.959033	3151.969	24.36202
2062	NA	NA	588.6134	770435	4.09431	0.125258	7.041402	3152.056	24.3927
2041	NA	NA	660.1415	764459	3.993151	0.124472	7.122118	3152.194	24.40689
1932	NA	NA	468.1043	757506	3.879573	0.123591	7.201133	3152.331	24.41714
1912	NA	NA	551.1961	750731	3.825338	0.122729	7.278409	3152.47	24.42756
1957	NA	NA	509.3164	745665	3.855619	0.122077	7.353924	3152.612	24.43192
1956	24.25723	14.20557	533.5362	743309	3.935645	0.121602	7.42767	3152.758	24.43136
2057	24.1405	14.12882	468.2766	744289	3.975203	0.121683	7.499655	3151.865	24.44275
2160	22.77294	13.21464	499.3399	748134	3.976828	0.122016	7.569904	3149.834	24.46658
2170	24.64793	14.21437	602.6689	753484	3.95098	0.12243	7.638456	3146.562	24.49953
2247	24.37335	14.01054	713.2335	758342	3.912878	0.122823	7.705369	3141.936	24.55015
2222	25.67748	14.54434	816.5429	761291	3.873946	0.123141	7.770717	3135.832	24.60824
2235	28.08859	15.70625	925.8986	761861	3.925519	0.122769	7.834592	3129.274	24.69093
2334	28.76037	15.83453	985.0469	760510	3.969442	0.12217	7.8971	3123.357	24.78658
2351	30.28016	16.53783	946.6703	757952	4.003684	0.121519	7.958364	3118.245	24.88409
2358	32.08156	17.40296	919.8666	755278	4.023419	0.120869	8.018522	3114.123	24.9964
2410	38.54373	20.77186	946.0599	753301	4.030394	0.120048	8.077724	3111.205	25.1005
2428	35.0973	18.97893	946.7003	752263	4.072911	0.120019	8.136134	3111.804	25.21272
2411	33.44861	18.11549	965.7493	751884	4.117257	0.119716	8.193926	3115.124	25.3193
2380	31.63171	17.18284	988.3051	751857	4.155311	0.119267	8.251282	3121.354	25.40771
2342	31.57896	17.05604	1048.111	751652	4.171877	0.118662	8.308394	3130.686	25.502

2358	33.29498	17.82877	1098.455	750946	4.159553	0.117779	8.365458	3143.311	25.58271
2328	32.47821	17.30805	1945.64	749601	4.24826	0.117146	8.422671	3157.18	25.64987
2320	32.70329	17.38485	2326.852	747869	4.315194	0.116614	8.480236	3170.017	25.7227
2261	32.10422	17.05182	2568.619	746314	4.374566	0.116208	8.53835	3181.48	25.78196
2280	31.34513	16.59702	2764.307	745693	4.448748	0.11595	8.597212	3191.179	25.84591
2296	33.6845	17.662	3044.948	746556	4.556256	0.115422	8.657011	3198.672	25.90437
2286	35.09592	18.23686	3438.825	749100	4.621546	0.114122	8.717932	3203.46	25.95324
2372	36.38882	18.70358	3799.753	753091	4.712578	0.112781	8.780151	3207.422	25.99398
2403	37.35641	18.85051	3941.115	758081	4.819538	0.111438	8.843833	3209.512	26.02777
2453	37.49055	18.69816	4031.532	763393	4.928654	0.111268	8.909129	3211.074	26.05332
2558	37.55253	18.52583	4160.265	768514	5.03322	0.111104	8.976179	3212.067	26.08108
2545	37.73531	18.40974	4531.244	773303	5.170418	0.110917	9.045108	3212.478	26.10685
2600	37.64171	18.19708	4655.144	777859	5.305332	0.110917	9.116023	3212.372	26.10685
1821	NA	NA	68.73979	3943364	3.255596	NA	1.471224	NA	NA
1849	NA	NA	70.07838	4022593	3.28517	NA	1.508784	NA	NA
1850	NA	NA	71.85741	4103730	3.31262	NA	1.547177	NA	NA
1780	NA	NA	77.69505	4186640	3.341486	NA	1.586402	NA	NA
1861	NA	NA	82.70681	4271133	3.372712	NA	1.626455	NA	NA
1828	NA	NA	84.6701	4357484	3.438682	NA	1.667333	NA	NA
1817	NA	NA	83.03266	4445530	3.502979	NA	1.709031	NA	NA
1786	NA	NA	81.15346	4534234	3.563072	NA	1.751544	NA	NA
1795	NA	NA	84.7691	4622208	3.615545	NA	1.794866	NA	NA
1788	NA	NA	70.33875	4708642	3.659208	NA	1.838992	NA	NA
1780	NA	NA	75.69127	4793155	3.732719	NA	1.883919	NA	NA
1802	NA	NA	76.28328	4876560	3.794581	NA	1.929645	NA	NA
1824	NA	NA	94.10044	4960657	3.845277	NA	1.976171	NA	NA
1823	NA	NA	112.006	5047944	3.884572	NA	2.023501	NA	NA
1827	NA	NA	132.5589	5140357	3.911888	NA	2.071643	NA	NA
1861	NA	NA	167.8043	5238245	3.973659	NA	2.120611	NA	NA
1824	NA	NA	177.2937	5341419	4.019175	NA	2.170424	NA	NA
1845	NA	NA	178.7343	5450549	4.050161	NA	2.22111	NA	NA
1839	NA	NA	194.1337	5566266	4.068113	NA	2.272703	NA	NA
1839	NA	NA	243.2484	5688836	4.073803	0.088279	2.325244	3230.163	21.94633
1884	NA	NA	254.2505	5818671	4.098462	0.088642	2.378787	3230.929	21.94799
1857	NA	NA	247.5456	5955267	4.109858	0.08896	2.433391	3231.599	21.94104
1842	NA	NA	266.3084	6096692	4.108966	0.08918	2.489126	3232.194	21.93015
1796	NA	NA	291.0423	6240329	4.098133	0.089265	2.546071	3232.73	21.91841
1803	NA	NA	314.746	6384195	4.080013	0.089238	2.604313	3233.217	21.90078
1782	NA	NA	355.1106	6527543	4.077736	0.08913	2.663947	3233.982	21.87963
1715	NA	NA	306.9004	6670568	4.073041	0.08889	2.725075	3234.747	21.86017
1656	NA	NA	383.6479	6813348	4.063597	0.088538	2.787804	3235.52	21.84892
1595	NA	NA	393.3476	6956300	4.046174	0.087892	2.852246	3236.31	21.8388
1626	27.37711	20.29889	436.1136	7099732	4.020574	0.087215	2.918515	3237.123	21.83029
1618	27.66845	20.38407	479.5462	7243391	4.028362	0.086602	2.986725	3237.102	21.82858
1597	28.03564	20.48591	305.5543	7386975	4.023474	0.08601	3.05699	3236.146	21.8301
1603	28.72248	20.80334	249.4121	7530705	4.011484	0.085472	3.129416	3234.171	21.83561
1589	29.42519	21.15885	282.4221	7674911	3.99903	0.084915	3.204109	3231.083	21.8426
1600	29.68454	21.21709	359.7677	7819806	3.989408	0.084478	3.281161	3226.779	21.88343
1657	29.73724	21.22174	365.011	7965553	4.009502	0.084134	3.360658	3222.36	21.94256

1685	29.77566	21.22153	411.6074	8111951	4.027551	0.08354	3.442671	3218.754	22.00965
1751	29.88463	21.27328	450.9193	8258483	4.044605	0.083057	3.527256	3216.12	22.08734
1745	30.27003	21.48458	494.2337	8404398	4.060886	0.080539	3.614456	3214.639	22.16889
1753	30.44773	21.53124	462.4814	8549200	4.076943	0.078219	3.704294	3214.516	22.23577
1692	30.80955	21.66354	413.7377	8692567	4.116621	0.075199	3.796775	3218.074	22.265
1676	31.09733	21.72339	393.0161	8834733	4.152576	0.072076	3.891884	3224.444	22.30079
1664	31.58517	21.8937	329.7821	8976552	4.184892	0.069119	3.989587	3233.809	22.3353
1681	31.92611	22.02765	387.9429	9119178	4.213538	0.06638	4.089828	3246.353	22.3739
1673	32.28085	22.17636	465.3104	9263404	4.238647	0.064001	4.192533	3262.258	22.41819
1732	32.59725	22.33709	505.4706	9409457	4.298962	0.061778	4.297607	3279.151	22.45757
1764	32.86551	22.46175	615.8202	9556889	4.354817	0.059828	4.404935	3294.698	22.50849
1809	33.11837	22.58629	674.7564	9705029	4.402707	0.058181	4.514387	3308.522	22.56253
1857	33.38952	22.70865	668.2976	9852870	4.437337	0.05679	4.625813	3320.193	22.61809
2003	33.72258	22.89655	662.2795	9999617	4.457261	0.055615	4.739049	3329.226	22.67501
1924	34.07082	23.03032	740.9358	10145054	4.496211	0.054638	4.853918	3335.078	22.73544
1904	34.35337	23.08632	766.8438	10289210	4.522262	0.053675	4.970229	3339.925	22.78739
1930	34.60347	23.08349	810.2656	10431776	4.545611	0.052677	5.087784	3342.474	22.83817
1980	34.8963	23.08546	830.1139	10572466	4.579376	0.051823	5.206372	3344.385	22.88493
1989	35.2038	23.11509	814.5464	10711061	4.630876	0.051686	5.32578	3345.608	22.92406
2002	35.43424	23.11657	734.8026	10847334	4.709849	0.05172	5.445788	3346.127	22.95404
2003	35.38719	22.99429	765.6839	10981229	4.799845	0.05172	5.566174	3346.002	22.95404
1746	NA	NA	169.9098	2096407	3.245076	NA	1.807138	NA	NA
1719	NA	NA	179.876	2155652	3.253679	NA	1.859834	NA	NA
1723	NA	NA	185.0493	2216707	3.256768	NA	1.913891	NA	NA
1716	NA	NA	200.4346	2280045	3.250155	NA	1.969329	NA	NA
1747	NA	NA	216.8149	2346010	3.231188	NA	2.026163	NA	NA
1811	NA	NA	227.7408	2414807	3.241667	NA	2.08441	NA	NA
1866	NA	NA	240.5472	2486414	3.241375	NA	2.144081	NA	NA
1875	NA	NA	252.5845	2560727	3.233769	NA	2.205189	NA	NA
1882	NA	NA	253.2685	2637517	3.22197	NA	2.267743	NA	NA
1893	NA	NA	266.1357	2716659	3.208095	NA	2.331749	NA	NA
1840	NA	NA	261.2464	2798125	3.21451	NA	2.397211	NA	NA
1805	NA	NA	278.615	2882113	3.218576	NA	2.464133	NA	NA
1808	NA	NA	307.3431	2968994	3.22099	NA	2.532513	NA	NA
1772	NA	NA	338.1543	3059254	3.222452	NA	2.602348	NA	NA
1832	NA	NA	356.4564	3153261	3.223393	NA	2.673634	NA	NA
1841	NA	NA	414.6215	3251158	3.245213	NA	2.746363	NA	NA
1810	NA	NA	497.9368	3352835	3.265326	NA	2.820524	NA	NA
1751	NA	NA	895.6475	3458104	3.279138	NA	2.896106	NA	NA
1739	NA	NA	993.7244	3566665	3.28116	NA	2.973094	NA	NA
1769	NA	NA	1078.807	3678286	3.269784	0.14029	3.051471	6441.536	23.59941
1814	NA	NA	1066.164	3792938	3.260797	0.138179	3.131218	6435.902	23.64029
1763	NA	NA	1090.994	3910657	3.242345	0.136056	3.212316	6430.972	23.67921
1815	NA	NA	1110.471	4031349	3.221998	0.133941	3.294743	6426.589	23.73553
1825	NA	NA	1183.019	4154887	3.209377	0.131904	3.378474	6422.645	23.79923
1872	NA	NA	1232.863	4281189	3.209436	0.130022	3.463487	6419.06	23.86395
1883	NA	NA	1287.443	4410158	3.233762	0.128325	3.549754	6413.431	23.93395
1922	NA	NA	1363.009	4541804	3.267094	0.126815	3.63725	6407.803	24.01024
1921	NA	NA	1262.246	4676361	3.304428	0.125388	3.725947	6402.111	24.09754



1958	NA	NA	1128.415	4814137	3.339394	0.124589	3.815818	6396.3	24.19426
1962	17.45249	10.70693	993.478	4955328	3.36896	0.123926	3.906833	6390.319	24.29458
1962	17.62836	10.66497	911.5124	5099951	3.401542	0.123463	3.998963	6384.211	24.40076
1999	18.93281	11.16422	942.0455	5247836	3.427851	0.123067	4.092181	6378.149	24.51213
1993	19.46135	11.32599	912.5592	5398805	3.451819	0.122764	4.186456	6372.137	24.62432
2013	19.67009	11.21224	836.0515	5552625	3.478697	0.121787	4.281759	6366.187	24.73316
2047	21.96318	12.21274	936.6609	5709051	3.510881	0.120891	4.378062	6360.313	24.84335
2060	22.85567	12.57248	888.7463	5867849	3.547007	0.120145	4.475336	6354.572	24.9568
2050	23.30383	12.73095	951.6026	6028882	3.587216	0.11942	4.573552	6348.896	25.0674
2039	23.53124	12.81423	1028.151	6192026	3.629168	0.119139	4.672682	6343.288	25.17871
2009	23.52239	12.80466	1009.013	6357221	3.669968	0.116966	4.7727	6337.748	25.29278
1995	23.48419	12.75601	1088.78	6524283	3.708178	0.11519	4.87358	6332.278	25.40471
2077	23.54708	12.75158	1130.405	6693061	3.740695	0.113552	4.975298	6330.391	25.51551
2102	23.62518	12.75805	1132.872	6863157	3.770961	0.111339	5.07783	6332.37	25.64515
2108	23.64338	12.73164	1157.304	7033821	3.800026	0.109485	5.181155	6338.559	25.76924
2110	23.67036	12.67184	1217.658	7204153	3.829	0.107961	5.285254	6349.334	25.87333
2129	23.74322	12.58988	1311.742	7373430	3.859262	0.106379	5.390112	6365.108	25.96477
2166	23.85117	12.49326	1437.629	7541406	3.887352	0.104568	5.495713	6383.145	26.05171
2199	23.9531	12.40532	1592.572	7707972	3.917918	0.102776	5.602047	6399.81	26.14076
2220	24.10991	12.36011	1751.596	7872658	3.952769	0.100995	5.709105	6414.627	26.22249
2187	24.0324	12.20088	1815.489	8035021	3.994202	0.099762	5.816884	6427.047	26.29362
2172	23.87322	11.98521	1932.858	8194778	4.044271	0.098528	5.92538	6436.433	26.36676
2220	24.46274	12.20128	2120.589	8351600	4.09749	0.097399	6.034594	6442.055	26.43381
2210	24.79774	12.29837	2178.389	8505646	4.157074	0.096471	6.144532	6446.549	26.4943
2226	25.14551	12.44057	2136.772	8657785	4.227074	0.095526	6.255199	6448.949	26.54805
2125	25.62232	12.66649	2242.707	8809216	4.31212	0.094889	6.366604	6450.677	26.58784
2155	25.92002	12.73408	2341.275	8960829	4.414469	0.094281	6.478757	6451.699	26.62815
2182	26.22761	12.78788	2375.096	9112867	4.527137	0.093706	6.591671	6452.043	26.65605
2150	26.38258	12.75317	2480.126	9265067	4.651947	0.093706	6.705359	6451.886	26.65605
2577	NA	NA	NA	10029321	9.242245	NA	7.779549	NA	NA
2753	NA	NA	NA	10061734	9.506601	NA	7.854568	NA	NA
2774	NA	NA	NA	10087947	9.779115	NA	7.931808	NA	NA
2735	NA	NA	NA	10119835	10.05293	NA	8.011268	NA	NA
2772	NA	NA	NA	10147935	10.32121	NA	8.092927	NA	NA
2953	NA	NA	NA	10178653	10.61805	NA	8.176742	NA	NA
2786	NA	NA	NA	10216604	10.88133	NA	8.262652	NA	NA
2825	NA	NA	NA	10255815	11.12173	NA	8.350575	NA	NA
2875	NA	NA	NA	10298723	11.35269	NA	8.44041	NA	NA
2893	NA	NA	NA	10337910	11.58257	NA	8.532042	NA	NA
2903	NA	NA	NA	10367537	11.80787	NA	8.625341	NA	NA
2828	NA	NA	NA	10398489	12.02351	NA	8.720167	NA	NA
2867	NA	NA	NA	10432055	12.23753	NA	8.816368	NA	NA
2978	NA	NA	NA	10478720	12.45921	NA	8.91379	NA	NA
2963	NA	NA	NA	10540525	12.69128	NA	9.012273	NA	NA
2954	NA	NA	NA	10598677	12.99641	NA	9.111655	NA	NA
2906	NA	NA	NA	10648031	13.30308	NA	9.211779	NA	NA
2927	NA	NA	NA	10684822	13.55107	NA	9.312487	NA	NA
2907	NA	NA	NA	10704152	13.66131	NA	9.41363	NA	NA
2981	NA	NA	NA	10711122	13.59999	0.342274	9.515064	7898.539	26.21721

3015	NA	NA	NA	10711848	13.38849	0.339256	9.616653	7904.322	26.31961
3010	NA	NA	NA	10705535	13.02843	0.335465	9.718269	7909.382	26.42141
3044	NA	NA	NA	10689463	12.61722	0.330897	9.819794	7913.88	26.49891
3025	NA	NA	NA	10668095	12.28826	0.325717	9.921121	7917.928	26.55681
3043	NA	NA	NA	10648713	12.11806	0.320134	10.02215	7921.608	26.61189
3060	NA	NA	NA	10630564	12.31688	0.316122	10.12279	7927.386	26.67689
3177	NA	NA	NA	10612741	12.60826	0.31198	10.22296	7933.163	26.74132
3166	NA	NA	NA	10596487	12.93867	0.307852	10.32259	7939.005	26.78512
3079	NA	NA	NA	10481719	13.23562	0.302174	10.42161	7944.969	26.80468
2972	61.61883	25.73301	NA	10373988	13.45655	0.297207	10.51996	7951.107	26.80158
2835	62.48602	25.75046	3349.77	10373400	13.693	0.2929	10.61758	7956.961	26.80901
2857	66.98024	26.95106	3734.562	10369341	13.88267	0.289129	10.71442	7962.314	26.80989
2825	69.91987	27.69281	3873.424	10357523	14.03378	0.285791	10.81043	7967.121	26.79902
2662	69.1141	27.03847	4172.765	10343355	14.15584	0.282895	10.90556	7971.326	26.77406
2555	69.93034	26.95292	4494.053	10328965	14.25968	0.280319	10.99976	7974.863	26.76833
2507	67.91739	25.86814	4525.14	10311238	14.47501	0.280371	11.093	7973.731	26.72901
2593	70.80061	26.31471	4595.525	10290486	14.6763	0.282173	11.18521	7968.04	26.69122
2577	73.51678	26.82589	4750.415	10266570	14.85444	0.285527	11.27636	7957.42	26.67254
2608	75.66639	27.1651	4802.959	10237530	14.99688	0.29058	11.36639	7941.473	26.66569
2820	73.3505	25.89274	4633.313	10210971	15.09639	0.294453	11.45527	7919.77	26.67698
2750	72.54879	25.11241	5283.034	10187576	15.26181	0.297461	11.54293	7898.293	26.711
2736	74.34215	25.29417	6665.961	10158608	15.36558	0.299523	11.62934	7881.414	26.75402
2719	76.19258	25.53792	8423.351	10129552	15.43647	0.300655	11.71446	7869.964	26.80935
2876	73.90682	24.48995	10296.34	10107146	15.51326	0.300799	11.79824	7864.885	26.85351
3006	72.65588	23.78252	11205.97	10087065	15.61793	0.300627	11.88064	7867.24	26.90494
3067	69.56284	22.47016	11447.82	10071370	15.7193	0.300078	11.96164	7875.697	26.96145
3002	70.28933	22.27952	13907.5	10055780	15.8373	0.297879	12.0412	7884.343	27.00415
3006	66.78041	20.93166	15739.74	10038188	15.95188	0.295317	12.11932	7892.778	27.0334
2996	64.11451	19.82673	13029.88	10022650	16.03813	0.29231	12.19596	7900.49	27.04645
2906	65.03492	20.19859	13092.23	10000023	16.0917	0.287921	12.27114	7906.832	27.05744
2898	65.95206	20.44605	14118.12	9971727	16.35548	0.283119	12.34486	7911.005	27.08039
2831	65.33272	20.26162	12888.3	9920362	16.59048	0.277747	12.41712	7914.789	27.0985
2846	64.05836	19.82353	13667.7	9893082	16.83125	0.271924	12.48794	7916.789	27.10405
2932	63.54196	19.46963	14201.45	9866468	17.12545	0.26681	12.55734	7918.4	27.11805
3042	68.51604	20.77184	12483.87	9843028	17.49569	0.263205	12.62538	7919.52	27.14119
3072	63.59848	19.29106	12820.09	9814023	18.01166	0.260472	12.69207	7920.065	27.17607
3104	61.53209	18.57551	14224.85	9781127	18.57722	0.260472	12.75747	7920.011	27.17607
2720	NA	NA	1418.126	179029	8.123539	NA	12.26747	NA	NA
2800	NA	NA	1562.231	182378	8.197098	NA	12.32014	NA	NA
2558	NA	NA	1831.706	185653	8.267069	NA	12.37234	NA	NA
2616	NA	NA	2297.921	188983	8.341168	NA	12.4241	NA	NA
2639	NA	NA	2723.521	192286	8.420128	NA	12.47544	NA	NA
2505	NA	NA	3215.694	195570	8.497359	NA	12.52641	NA	NA
2402	NA	NA	3125.649	198751	8.570372	NA	12.57701	NA	NA
2354	NA	NA	2354.48	201488	8.6403	NA	12.6273	NA	NA
2356	NA	NA	2039.196	203369	8.707556	NA	12.67729	NA	NA
2483	NA	NA	2538.188	204438	8.768943	NA	12.72703	NA	NA
2446	NA	NA	3203.922	206098	8.86483	NA	12.77654	NA	NA
2594	NA	NA	3955.365	209137	8.9435	NA	12.82587	NA	NA

2477	NA	NA	5356.791	212317	9.013505	NA	12.87505	NA	NA
2472	NA	NA	6936.25	215209	9.0818	NA	12.92412	NA	NA
2550	NA	NA	6358.562	217979	9.161737	NA	12.97311	NA	NA
2585	NA	NA	7470.933	220154	9.292708	NA	13.02207	NA	NA
2542	NA	NA	9809.743	221799	9.436441	NA	13.07102	NA	NA
2583	NA	NA	11070.27	223537	9.586438	NA	13.12002	NA	NA
2656	NA	NA	12453.38	225735	9.730963	NA	13.16908	NA	NA
2662	NA	NA	14602.24	228138	9.865856	0.354641	13.21826	4217.508	25.7413
2772	NA	NA	14913	230755	9.935664	0.351116	13.26757	4215.045	25.84256
2693	NA	NA	13508.6	233860	9.989754	0.347456	13.31706	4212.891	25.90712
2679	NA	NA	11498.9	236977	10.03733	0.343649	13.36676	4210.975	25.97807
2691	NA	NA	11782.37	239511	10.09095	0.339537	13.41668	4209.251	26.07301
2645	NA	NA	12178.06	241405	10.16177	0.334941	13.46687	4207.684	26.13758
2763	NA	NA	16163	243180	10.24921	0.329716	13.51733	4205.224	26.14508
2682	NA	NA	22120.55	245859	10.34705	0.323649	13.56808	4202.764	26.10508
2584	NA	NA	24089.73	249740	10.4514	0.317185	13.61915	4200.276	26.09992
2612	NA	NA	22101.99	252852	10.55849	0.306949	13.67054	4197.737	26.0952
2545	90.24784	22.95386	25008.85	254826	10.66644	0.29691	13.72225	4195.123	26.0957
2599	90.95057	22.85425	26405.92	257797	10.79092	0.287083	13.7743	4192.174	26.10953
2579	94.26429	23.18824	26722.44	261057	10.90482	0.277091	13.82666	4188.941	26.08779
2604	95.45342	22.99763	23230.47	263725	11.01745	0.267427	13.87935	4185.398	26.09822
2612	94.51902	22.44661	23662.81	266021	11.13156	0.258322	13.93233	4181.52	26.13738
2618	94.18586	22.13769	26239.03	267468	11.24878	0.249778	13.9856	4177.28	26.15961
2518	93.24905	21.48715	27261.17	268916	11.31705	0.241884	14.03913	4171.476	26.18942
2598	95.28574	21.41422	27842.61	271128	11.40116	0.234215	14.09289	4164.235	26.24556
2634	94.61668	20.78877	30847.64	274047	11.49308	0.226793	14.14685	4155.454	26.31283
2695	93.55507	20.05469	32148.15	277381	11.56728	0.218771	14.20097	4145.02	26.39212
2697	93.52245	19.64201	31746.02	281205	11.60982	0.210972	14.2552	4132.813	26.48557
2711	92.80944	19.11747	28551.79	284968	11.67769	0.204179	14.30951	4123.899	26.58822
2780	93.67247	18.92949	32024.19	287523	11.70438	0.197466	14.36384	4119.896	26.67721
2807	93.1437	18.47498	39086.77	289521	11.71619	0.19112	14.41813	4121.38	26.78885
2884	92.50675	18.06192	46984.07	292074	11.74666	0.184835	14.47235	4128.991	26.93149
2933	90.6659	17.57494	56250.68	296734	11.80864	0.178587	14.52641	4143.437	27.08354
3019	88.28449	16.98209	56121.32	303782	11.78669	0.172437	14.58028	4162.097	27.22596
3081	86.62502	16.5109	68428.35	311566	11.78801	0.166238	14.63389	4179.862	27.31602
3055	84.77509	15.9582	55632.1	317414	11.81759	0.159817	14.68718	4196.204	27.35449
3002	82.85305	15.46177	40640.99	318499	11.88695	0.153737	14.74009	4210.495	27.39068
2949	80.90686	14.94564	41851.74	318041	12.00519	0.148301	14.79257	4221.992	27.47795
2964	80.03877	14.74834	46181.95	319014	12.26431	0.144162	14.84456	4229.818	27.53342
3010	79.29004	14.60239	44562.82	320716	12.57933	0.141294	14.89601	4236.66	27.56336
3003	79.12214	14.55919	48023.63	323764	12.93983	0.139604	14.94686	4240.239	27.61266
3091	78.85061	14.46296	52855.14	327386	13.32191	0.138927	14.99708	4243.055	27.64492
3198	78.40761	14.36918	51213.66	330815	13.71414	0.138883	15.04661	4244.983	27.67131
3227	76.34627	13.98144	60529.93	335439	14.07539	0.139281	15.09541	4245.916	27.6853
3301	74.96903	13.66732	70056.87	341284	14.43086	0.139281	15.14346	4245.802	27.6853
1961	NA	NA	84.42644	4.58E+08	3.112201	NA	1.539413	NA	NA
1991	NA	NA	88.91492	4.68E+08	3.162527	NA	1.587329	NA	NA
1914	NA	NA	100.0486	4.78E+08	3.203354	NA	1.636706	NA	NA
1945	NA	NA	114.3152	4.87E+08	3.227477	NA	1.687565	NA	NA

1874	NA	NA	118.0634	4.98E+08	3.232597	NA	1.739922	NA	NA
1878	NA	NA	89.05358	5.08E+08	3.270064	NA	1.793791	NA	NA
1933	NA	NA	95.33078	5.19E+08	3.291777	NA	1.849187	NA	NA
1960	NA	NA	98.83123	5.3E+08	3.30343	NA	1.906122	NA	NA
1980	NA	NA	106.4964	5.42E+08	3.31132	NA	1.964608	NA	NA
2046	NA	NA	111.2576	5.54E+08	3.318707	NA	2.024656	NA	NA
1911	NA	NA	117.3607	5.66E+08	3.367279	NA	2.086279	NA	NA
1912	NA	NA	121.6923	5.79E+08	3.411637	NA	2.14949	NA	NA
1980	NA	NA	142.2701	5.93E+08	3.448954	NA	2.214302	NA	NA
1871	NA	NA	161.763	6.07E+08	3.476477	NA	2.280731	NA	NA
1997	NA	NA	156.3801	6.21E+08	3.493808	NA	2.348794	NA	NA
1857	NA	NA	159.4078	6.36E+08	3.53739	NA	2.418513	NA	NA
2040	NA	NA	184.2729	6.5E+08	3.571201	NA	2.489908	NA	NA
2071	NA	NA	203.5587	6.66E+08	3.596713	NA	2.563005	NA	NA
1924	NA	NA	221.6879	6.81E+08	3.615353	NA	2.637833	NA	NA
1908	NA	NA	263.8407	6.97E+08	3.628412	0.148974	2.714421	6692.209	21.24437
1977	NA	NA	267.711	7.13E+08	3.664743	0.149257	2.792804	6693.247	21.25388
1943	NA	NA	271.3336	7.3E+08	3.691141	0.149536	2.873015	6694.154	21.26501
2119	NA	NA	288.3072	7.47E+08	3.709006	0.149781	2.955094	6694.961	21.27835
2098	NA	NA	273.9018	7.64E+08	3.720628	0.149965	3.039078	6695.687	21.29418
2041	NA	NA	293.4886	7.82E+08	3.728205	0.150119	3.125009	6696.347	21.31447
2050	NA	NA	307.3953	7.99E+08	3.758954	0.15016	3.212925	6697.383	21.33909
2053	NA	NA	337.064	8.17E+08	3.783658	0.150116	3.302868	6698.419	21.36669
2154	NA	NA	350.6727	8.34E+08	3.802909	0.150046	3.394876	6699.467	21.39861
2235	NA	NA	342.7239	8.52E+08	3.817292	0.14991	3.488987	6700.536	21.43568
2060	14.1339	9.926866	363.9641	8.7E+08	3.828174	0.14972	3.585236	6701.637	21.47351
2150	14.31383	9.994972	300.0966	8.88E+08	3.884896	0.149399	3.683656	6702.075	21.51263
2184	14.72761	10.23151	313.8601	9.06E+08	3.935205	0.148929	3.784274	6701.757	21.55233
2114	14.62562	10.11289	298.2177	9.24E+08	3.980239	0.148338	3.887113	6700.612	21.59278
2149	14.61969	10.02644	342.7175	9.42E+08	4.021675	0.146154	3.992192	6698.566	21.63605
2172	14.73921	10.01735	370.1014	9.6E+08	4.061097	0.144119	4.099523	6695.534	21.68144
2187	15.09315	10.15563	396.0146	9.79E+08	4.137305	0.142473	4.209111	6690.412	21.72839
2205	15.54305	10.40663	411.3877	9.97E+08	4.207513	0.141605	4.320954	6683.772	21.79159
2202	15.60599	10.41887	409.1944	1.02E+09	4.273402	0.142179	4.435043	6675.547	21.85301
2237	15.68969	10.38352	437.5861	1.03E+09	4.336822	0.142107	4.55136	6665.667	21.93187
2204	15.83929	10.39767	438.8646	1.05E+09	4.399231	0.142757	4.669878	6654.062	22.02255
2152	15.92014	10.38403	447.0139	1.07E+09	4.483368	0.143923	4.790563	6644.668	22.11045
2107	16.00424	10.39009	466.2008	1.09E+09	4.564617	0.145473	4.913371	6638.887	22.20151
2083	16.10344	10.393	541.1352	1.11E+09	4.640352	0.147136	5.038251	6637.185	22.31972
2078	15.9445	10.18733	621.3184	1.13E+09	4.708247	0.148247	5.165142	6640.077	22.41206
2102	16.13614	10.17766	707.008	1.14E+09	4.76817	0.148583	5.293977	6648.131	22.50142
2153	16.42256	10.2458	792.026	1.16E+09	4.846868	0.146269	5.42468	6660.046	22.57041
2214	16.81926	10.377	1018.166	1.18E+09	4.918071	0.14307	5.557171	6671.97	22.6437
2227	17.19824	10.48339	991.4846	1.2E+09	4.984313	0.137808	5.691361	6683.578	22.73579
2217	17.65356	10.65208	1090.318	1.21E+09	5.048286	0.135307	5.827161	6694.468	22.83358
2253	18.29165	10.9174	1345.77	1.23E+09	5.113074	0.132889	5.964477	6704.158	22.93519
2251	18.51583	10.89721	1461.672	1.25E+09	5.205968	0.131121	6.103213	6712.069	23.04697
2222	18.62436	10.81903	1446.985	1.26E+09	5.296521	0.129554	6.243273	6719.616	23.17232
2243	19.79582	11.31551	1452.195	1.28E+09	5.392642	0.127595	6.384563	6723.475	23.28048

2256	21.65174	12.20186	1576.004	1.29E+09	5.504069	0.12547	6.526989	6726.756	23.38413
2266	23.31332	12.95586	1606.038	1.31E+09	5.636245	0.123297	6.670463	6729.261	23.46644
2301	24.61128	13.45642	1717.474	1.32E+09	5.807904	0.121018	6.8149	6730.717	23.53351
2357	25.34988	13.64978	1942.097	1.34E+09	5.988969	0.121018	6.960221	6730.722	23.53351
1771	NA	NA	NA	90138235	3.548673	NA	2.298592	NA	NA
1771	NA	NA	NA	92558005	3.503438	NA	2.36686	NA	NA
1755	NA	NA	NA	95055665	3.452263	NA	2.436939	NA	NA
1804	NA	NA	NA	97638029	3.399833	NA	2.50891	NA	NA
1787	NA	NA	NA	1E+08	3.349297	NA	2.58285	NA	NA
1788	NA	NA	NA	1.03E+08	3.345358	NA	2.658835	NA	NA
1771	NA	NA	53.51615	1.06E+08	3.336917	NA	2.736937	NA	NA
1792	NA	NA	65.02815	1.09E+08	3.327057	NA	2.817221	NA	NA
1825	NA	NA	74.57439	1.12E+08	3.319534	NA	2.899744	NA	NA
1860	NA	NA	79.68566	1.15E+08	3.316115	NA	2.984556	NA	NA
1880	NA	NA	79.15009	1.18E+08	3.348242	NA	3.071697	NA	NA
1917	NA	NA	90.8445	1.21E+08	3.379148	NA	3.161198	NA	NA
2005	NA	NA	130.98	1.24E+08	3.407511	NA	3.253074	NA	NA
2012	NA	NA	202.427	1.27E+08	3.431417	NA	3.347332	NA	NA
1995	NA	NA	233.0393	1.31E+08	3.450269	NA	3.443961	NA	NA
1964	NA	NA	278.1058	1.34E+08	3.495322	NA	3.542938	NA	NA
2000	NA	NA	333.5873	1.37E+08	3.533368	NA	3.644223	NA	NA
2033	NA	NA	365.8011	1.41E+08	3.562733	NA	3.747762	NA	NA
2085	NA	NA	356.8131	1.44E+08	3.580888	NA	3.853484	NA	NA
2122	NA	NA	491.4378	1.47E+08	3.587468	0.241045	3.961301	5133.358	21.581
2191	NA	NA	566.4253	1.51E+08	3.610202	0.242294	4.071113	5133.453	21.61505
2192	NA	NA	583.5262	1.55E+08	3.622033	0.243407	4.182803	5133.536	21.64731
2253	NA	NA	512.8452	1.58E+08	3.627097	0.244434	4.296239	5133.61	21.67445
2281	NA	NA	525.2291	1.62E+08	3.629993	0.245407	4.41128	5133.676	21.70207
2297	NA	NA	516.8678	1.65E+08	3.634025	0.246293	4.527773	5133.736	21.73022
2317	NA	NA	474.7809	1.68E+08	3.660768	0.247116	4.645554	5133.831	21.7588
2367	NA	NA	442.1481	1.72E+08	3.686572	0.247818	4.764454	5133.926	21.78923
2460	NA	NA	481.7128	1.75E+08	3.714113	0.248305	4.884299	5134.021	21.82518
2478	NA	NA	529.9317	1.78E+08	3.746191	0.247975	5.004913	5134.119	21.86291
2217	26.10779	15.4854	585.001	1.81E+08	3.78465	0.247351	5.126119	5134.219	21.89992
2235	26.5329	15.5743	631.7004	1.85E+08	3.857389	0.24657	5.247745	5133.589	21.93781
2292	26.92975	15.67458	681.8429	1.88E+08	3.929901	0.245607	5.369621	5132.157	21.9812
2306	27.40143	15.83634	827.7824	1.91E+08	4.002895	0.244789	5.49159	5129.853	22.02975
2329	27.77088	15.92138	912.0725	1.94E+08	4.07734	0.244462	5.613499	5126.595	22.08772
2411	28.2537	16.04112	1026.27	1.97E+08	4.154069	0.244861	5.735214	5122.298	22.14554
2403	28.72157	16.15905	1137.333	2E+08	4.266153	0.248522	5.856612	5118.415	22.20457
2344	28.97225	16.192	1063.712	2.03E+08	4.377658	0.252481	5.977589	5115.786	22.26578
2334	29.08313	16.22317	463.9686	2.06E+08	4.489253	0.255102	6.098059	5114.596	22.32411
2329	29.10431	16.2226	671.107	2.09E+08	4.600268	0.257462	6.217956	5115.057	22.38005
2288	29.00707	16.14962	780.0921	2.12E+08	4.709205	0.258708	6.337236	5117.405	22.44233
2272	28.99104	16.03193	747.9817	2.15E+08	4.768487	0.258731	6.455876	5122.914	22.50351
2300	28.95107	15.91287	899.5557	2.18E+08	4.806207	0.258402	6.573876	5130.285	22.57368
2317	28.94608	15.82052	1064.509	2.21E+08	4.82054	0.25792	6.691259	5139.574	22.6459
2321	29.01265	15.74256	1148.569	2.24E+08	4.813059	0.257499	6.808067	5150.823	22.71981
2313	29.0332	15.6331	1260.929	2.27E+08	4.788911	0.257447	6.924366	5164.061	22.78905

2349	29.20248	15.58481	1586.205	2.3E+08	4.839615	0.257637	7.040239	5177.451	22.85925
2391	29.09	15.38635	1855.094	2.33E+08	4.872754	0.258705	7.155788	5189.713	22.93382
2422	28.986	15.16171	2160.528	2.36E+08	4.887194	0.260868	7.271132	5200.573	23.01475
2477	28.95887	14.94999	2254.446	2.39E+08	4.880182	0.263671	7.386402	5209.73	23.09271
2520	28.99394	14.74364	3113.481	2.43E+08	4.849701	0.266689	7.50174	5216.851	23.17265
2578	29.35852	14.67256	3634.277	2.46E+08	4.901308	0.269493	7.617297	5221.57	23.25266
2629	29.47913	14.49936	3687.954	2.49E+08	4.941487	0.271055	7.733229	5225.501	23.32537
2626	29.59321	14.36872	3620.664	2.52E+08	4.980251	0.271161	7.849694	5227.559	23.39611
2652	29.67277	14.25044	3491.596	2.55E+08	5.029182	0.270656	7.966853	5229.112	23.45745
2679	29.73914	14.12375	3334.549	2.58E+08	5.095068	0.26952	8.084859	5230.122	23.50648
2704	30.06024	14.13477	3570.285	2.61E+08	5.201594	0.267992	8.203864	5230.568	23.55972
2714	30.25861	14.07238	3846.864	2.64E+08	5.319477	0.267992	8.324007	5230.474	23.55972
1517	NA	NA	196.9247	22480418	3.934277	NA	1.149262	NA	NA
1520	NA	NA	203.4363	23071429	3.836633	NA	1.22502	NA	NA
1565	NA	NA	208.1308	23680432	3.729489	NA	1.305208	NA	NA
1626	NA	NA	221.3192	24308085	3.623198	NA	1.389919	NA	NA
1630	NA	NA	248.3387	24955115	3.521767	NA	1.47922	NA	NA
1760	NA	NA	264.9768	25624656	3.48608	NA	1.573147	NA	NA
1792	NA	NA	287.0792	26318119	3.448833	NA	1.671703	NA	NA
1930	NA	NA	318.9876	27032943	3.407898	NA	1.774859	NA	NA
1809	NA	NA	350.9096	27765243	3.360414	NA	1.882545	NA	NA
1867	NA	NA	384.9422	28514010	3.305729	NA	1.994656	NA	NA
1792	NA	NA	468.962	29281268	3.302555	NA	2.11105	NA	NA
1927	NA	NA	570.3695	30074298	3.291465	NA	2.231546	NA	NA
2051	NA	NA	876.3092	30904271	3.269506	NA	2.355931	NA	NA
2130	NA	NA	1453.779	31785500	3.232826	NA	2.483961	NA	NA
2121	NA	NA	1581.893	32730554	3.180615	NA	2.615364	NA	NA
2137	NA	NA	2017.184	33737768	3.157571	NA	2.749844	NA	NA
2173	NA	NA	2315.382	34810723	3.122199	NA	2.88709	NA	NA
2204	NA	NA	2168.156	35972652	3.078261	NA	3.026775	NA	NA
2270	NA	NA	2426.454	37252659	3.028522	NA	3.168567	NA	NA
2368	NA	NA	2440.306	38668220	2.97518	0.127447	3.312135	3426.008	24.68966
2447	NA	NA	2498.887	40217629	2.954468	0.126769	3.457149	3420.85	24.81197
2469	NA	NA	3007.133	41883332	2.929361	0.125898	3.603291	3416.338	24.94127
2545	NA	NA	3582.652	43645092	2.910953	0.124975	3.750256	3412.327	25.06949
2467	NA	NA	3568.505	45474708	2.912984	0.124056	3.897758	3408.716	25.193
2442	NA	NA	3805.943	47342702	2.942403	0.123201	4.045534	3405.434	25.31436
2458	NA	NA	4244.985	49256842	3.008879	0.122606	4.193348	3400.282	25.43163
2537	NA	NA	2617.511	51197482	3.090795	0.122031	4.340991	3395.131	25.53809
2484	NA	NA	2318.538	53075618	3.179115	0.121567	4.488283	3389.921	25.63517
2607	NA	NA	2199.757	54777114	3.263403	0.121203	4.63508	3384.602	25.72449
2628	17.41076	8.159927	2219.842	56226185	3.340499	0.12084	4.781265	3379.127	25.80561
2682	17.79877	8.128631	NA	57375584	3.428666	0.12054	4.92676	3374.084	25.87563
2756	18.41017	8.206899	NA	58260738	3.512552	0.120352	5.071516	3369.681	25.92703
2841	18.84432	8.197806	1080.561	58991218	3.59623	0.120328	5.215516	3365.976	25.97081
2789	19.12501	8.123156	1202.868	59725125	3.682921	0.120496	5.358777	3363.039	26.01579
2793	19.18956	7.964446	1591.716	60575644	3.772638	0.120959	5.501344	3360.948	26.06963
2798	19.00129	7.696839	1955.146	61583089	3.863853	0.121682	5.64329	3359.516	26.1253
2836	18.89097	7.465702	1816.587	62710557	3.951928	0.122485	5.784715	3358.134	26.18972

2843	19.05923	7.349412	1725.756	63900630	4.037243	0.123417	5.92574	3356.748	26.24504
2830	19.67385	7.406089	1749.828	65062660	4.120788	0.123825	6.06651	3355.295	26.30233
2793	20.65265	7.601111	1657.17	66131854	4.20455	0.12421	6.207188	3353.698	26.3741
2781	21.63541	7.803105	1890.992	67096414	4.345955	0.124633	6.34795	3354.287	26.44693
2772	22.48614	7.947574	1892.036	67983330	4.492862	0.124459	6.488987	3357.48	26.52174
2781	23.3276	8.082039	2231.343	68812713	4.643098	0.123512	6.630497	3363.51	26.59023
2823	24.41147	8.282487	2729.838	69617100	4.788958	0.121711	6.772685	3372.635	26.66334
2810	25.70297	8.527194	3215.653	70421811	4.923043	0.119272	6.915758	3385.141	26.72785
2733	27.34214	8.893819	3738.689	71227880	4.942743	0.115712	7.059924	3398.764	26.79779
2760	29.04511	9.286804	4857.368	72031103	4.948486	0.113499	7.205385	3410.986	26.85879
2749	31.13378	9.800476	5574.41	72845542	4.943891	0.111987	7.352336	3421.443	26.91612
2793	33.33853	10.34323	5619.118	73687565	4.935792	0.110839	7.500962	3429.717	26.98117
2820	34.93463	10.69996	6531.927	74567511	4.931009	0.110196	7.651434	3435.328	27.05851
2782	36.52533	10.95936	7729.343	75491582	4.918355	0.109922	7.803907	3437.727	27.14714
2795	37.87045	11.20752	7832.903	76453574	4.908206	0.109827	7.958515	3439.105	27.24445
2823	39.08462	11.47007	6036.192	77435384	4.913082	0.109834	8.115371	3439.92	27.3585
2832	39.84019	11.6015	5540.984	78411092	4.951359	0.109843	8.274564	3440.285	27.48139
2803	40.331	11.68235	4862.3	79360487	5.03463	0.109777	8.436156	3440.249	27.60509
2845	40.15566	11.5077	5219.109	80277428	5.214907	0.109549	8.60018	3439.962	27.70683
2845	39.7566	11.28001	5593.854	81162788	5.439583	0.109549	8.766642	3439.794	27.70683
1516	NA	NA	245.032	7475352	3.261211	NA	1.13383	NA	NA
1627	NA	NA	254.7013	7674223	3.373866	NA	1.204983	NA	NA
1723	NA	NA	250.7871	7888914	3.462986	NA	1.27998	NA	NA
1765	NA	NA	288.1635	8122199	3.54862	NA	1.358912	NA	NA
1776	NA	NA	NA	8375793	3.638235	NA	1.441846	NA	NA
1767	NA	NA	NA	8651164	3.726296	NA	1.528834	NA	NA
1766	NA	NA	NA	8947404	3.811452	NA	1.619901	NA	NA
1796	NA	NA	312.8223	9260682	3.890577	NA	1.715047	NA	NA
1813	NA	NA	313.8174	9585576	3.958197	NA	1.814242	NA	NA
1836	NA	NA	330.8852	9917983	4.013629	NA	1.917425	NA	NA
1859	NA	NA	376.8899	10255903	4.060842	NA	2.024498	NA	NA
1790	NA	NA	388.1045	10599845	4.103494	NA	2.135332	NA	NA
1799	NA	NA	468.8421	10951166	4.137285	NA	2.249757	NA	NA
1823	NA	NA	1018.074	11312305	4.157676	NA	2.367568	NA	NA
1868	NA	NA	1151.818	11684589	4.163784	NA	2.488523	NA	NA
1895	NA	NA	1471.211	12068168	4.177171	NA	2.612344	NA	NA
1962	NA	NA	1592.029	12460914	4.16914	NA	2.738719	NA	NA
2130	NA	NA	1847.897	12859094	4.147337	NA	2.867307	NA	NA
2263	NA	NA	2852.393	13257799	4.120526	NA	2.997741	NA	NA
2367	NA	NA	3911.543	13653356	4.092415	0.230936	3.12963	3138.607	26.43915
2512	NA	NA	2735.549	14046540	4.092645	0.226554	3.262568	3140.787	26.57034
2645	NA	NA	2950.159	14438309	4.088512	0.221521	3.396137	3142.694	26.71728
2736	NA	NA	2738.137	14825789	4.07726	0.216224	3.529918	3144.39	26.85785
2888	NA	NA	3077.998	15205501	4.053546	0.210723	3.663489	3145.916	26.9893
2998	NA	NA	3099.882	15576395	4.015865	0.205076	3.796441	3147.303	27.10779
3053	NA	NA	2957.241	15936375	3.998827	0.199652	3.928375	3149.481	27.20732
3085	NA	NA	3475.097	16290149	3.966563	0.194373	4.058918	3151.659	27.28409
3104	NA	NA	3753.53	16651807	3.923064	0.190008	4.187719	3153.861	27.35009
3100	NA	NA	3852.15	17040190	3.872997	0.18671	4.314461	3156.11	27.38841

2999	35.2256	19.28416	10297.43	17469005	3.819176	0.183932	4.438863	3158.424	27.40754
2192	36.19785	19.73389	NA	17942715	3.774094	0.18174	4.560683	3160.378	27.40989
2075	36.98441	20.12044	NA	18458187	3.727181	0.179917	4.679725	3161.868	27.38487
2093	37.85701	20.52593	NA	19011917	3.680066	0.178408	4.795837	3162.852	27.3309
2056	38.07581	20.56985	NA	19597239	3.634252	0.177129	4.908918	3163.281	27.26874
2063	38.73956	20.84537	NA	20208387	3.591098	0.176225	5.018914	3163.1	27.20504
2058	39.96988	21.41144	NA	20845893	3.565287	0.176055	5.125823	3162.674	27.13769
1951	40.50858	21.59827	NA	21509291	3.538731	0.175516	5.229692	3162.458	27.08441
1966	40.12176	21.18934	NA	22190250	3.512777	0.175101	5.330619	3162.512	27.03701
1983	40.01883	20.85566	NA	22878156	3.48911	0.172876	5.428749	3162.907	27.04573
2008	40.69286	20.89906	NA	23565413	3.468902	0.170886	5.524275	3163.725	27.09133
2077	39.91532	20.14093	NA	24251649	3.450091	0.168989	5.617434	3168.382	27.15446
2091	40.26868	20.02904	NA	24939299	3.430225	0.166752	5.708502	3176.825	27.24183
2079	39.13799	19.35244	NA	25627626	3.410218	0.164275	5.797798	3189.377	27.31845
2136	38.25861	18.64828	1391.817	26316609	3.390919	0.157717	5.885673	3206.389	27.38812
2153	37.36702	17.96147	1849.604	27008426	3.372807	0.15183	5.972511	3228.234	27.43194
2171	36.43631	17.31063	2351.812	27697912	3.372973	0.146996	6.058725	3251.48	27.47323
2188	35.42999	16.69173	3129.225	28390433	3.371199	0.146087	6.144753	3272.583	27.49859
2186	34.23026	16.0224	4521.032	29111417	3.361767	0.146199	6.231053	3291.003	27.50118
2292	33.0212	15.32718	3735.145	29894652	3.335988	0.146777	6.318101	3306.123	27.50131
2326	32.24641	14.99379	4502.749	30762701	3.29095	0.147422	6.406387	3317.237	27.49521
2318	30.96209	14.2498	5854.614	31727053	3.239535	0.148039	6.496411	3323.541	27.53539
2356	29.38469	13.44865	6651.122	32776571	3.172382	0.148406	6.588677	3328.306	27.59185
2368	28.34576	13.06494	6925.224	33883145	3.108469	0.148785	6.683692	3330.876	27.6582
2355	26.58901	12.19096	6703.075	35006080	3.071975	0.14901	6.781958	3332.619	27.71512
2299	25.40573	11.46558	4914.728	36115649	3.073806	0.148958	6.88397	3333.535	27.76892
2280	25.09508	11.17367	4584.617	37202572	3.11629	0.148741	6.990206	3333.724	27.80978
2277	25.21015	11.0979	5017.968	38274618	3.18567	0.148741	7.101125	3333.503	27.80978
2843	NA	NA	739.2764	2824400	11.16776	NA	8.568944	NA	NA
2876	NA	NA	797.0063	2836050	11.17833	NA	8.625729	NA	NA
2876	NA	NA	852.1353	2852650	11.17696	NA	8.683817	NA	NA
2882	NA	NA	965.1354	2866550	11.15785	NA	8.743346	NA	NA
2876	NA	NA	1023.774	2877300	11.11934	NA	8.804452	NA	NA
2869	NA	NA	1074.507	2888800	11.13312	NA	8.867261	NA	NA
2885	NA	NA	1152.005	2902450	11.14722	NA	8.931891	NA	NA
2880	NA	NA	1124.517	2915550	11.14609	NA	8.99845	NA	NA
2894	NA	NA	1291.35	2932650	11.10935	NA	9.067031	NA	NA
2905	NA	NA	1488.295	2957250	11.03106	NA	9.137714	NA	NA
2934	NA	NA	1705.973	2992050	10.97887	NA	9.21056	NA	NA
2957	NA	NA	2082.957	3036850	10.87056	NA	9.285614	NA	NA
2967	NA	NA	2427.172	3085950	10.74256	NA	9.362898	NA	NA
3027	NA	NA	2519.942	3137500	10.64048	NA	9.442417	NA	NA
2959	NA	NA	2976.961	3189550	10.58268	NA	9.524151	NA	NA
2954	NA	NA	2923.08	3238050	10.56772	NA	9.608059	NA	NA
3036	NA	NA	3431.178	3282200	10.59575	NA	9.694076	NA	NA
3091	NA	NA	4405.256	3329100	10.6371	NA	9.782116	NA	NA
3082	NA	NA	5436.465	3373750	10.64858	NA	9.872071	NA	NA
3136	NA	NA	6380.07	3412800	10.61054	0.327748	9.963811	3849.047	24.79342
3124	NA	NA	5993.323	3453000	10.67187	0.32015	10.05719	3847.244	24.84618



3179	NA	NA	6168.017	3485800	10.68124	0.313133	10.15203	3845.665	24.9005
3140	NA	NA	5922.326	3510600	10.66135	0.306926	10.24817	3844.263	24.96348
3115	NA	NA	5698.844	3532423	10.64504	0.300973	10.3454	3843	25.01415
3162	NA	NA	6018.935	3538082	10.64719	0.294437	10.44351	3841.852	25.0498
3203	NA	NA	8121.887	3539690	10.74074	0.287246	10.54231	3840.05	25.10174
3239	NA	NA	9593.389	3540057	10.84698	0.28002	10.64156	3838.249	25.16681
3228	NA	NA	10728.7	3524949	10.9527	0.274238	10.74106	3836.427	25.23136
3228	NA	NA	11189.2	3511009	11.03151	0.271245	10.84057	3834.567	25.27638
3207	89.18758	31.20615	14048.11	3513974	11.06894	0.268953	10.9399	3832.652	25.33795
3206	88.31076	30.27974	14104.08	3534235	11.07238	0.267082	11.03883	3829.941	25.40792
3214	92.10979	30.78782	15733.2	3558430	11.0322	0.26542	11.13718	3826.42	25.48199
3119	90.85759	29.74192	14674.61	3576261	10.96691	0.263514	11.23474	3822.015	25.55301
3153	90.50671	28.95562	15921.98	3590386	10.90113	0.260697	11.33137	3816.648	25.61736
3115	91.05813	28.55693	19181.4	3608841	10.84733	0.257911	11.42689	3810.236	25.67667
3240	87.74499	27.08991	20860.6	3637510	10.7737	0.255277	11.52117	3802.188	25.73896
3318	91.37503	27.33385	22542.81	3674171	10.7061	0.252172	11.61409	3793.157	25.83109
3353	90.64175	26.48613	24263.24	3712696	10.65009	0.24851	11.70555	3783.125	25.94677
3359	94.96669	27.04285	26284.28	3754786	10.60969	0.245647	11.79546	3772.084	26.0438
3368	98.48147	27.22908	26241.51	3805174	10.58734	0.242064	11.88376	3760.027	26.12649
3365	96.39376	25.9143	28227.28	3866243	10.56905	0.238319	11.97039	3751.95	26.1903
3305	92.38167	24.31739	32539.96	3931947	10.57144	0.234834	12.05533	3748.862	26.23363
3257	96.92789	24.67546	41107.03	3996521	10.59005	0.232294	12.13857	3751.305	26.27772
3250	99.81998	24.52654	47630.93	4070262	10.61658	0.230012	12.2201	3759.873	26.33513
3151	100.1157	24.14517	50878.64	4159914	10.64729	0.22777	12.29995	3775.215	26.37192
3179	99.37365	23.69821	54306.91	4273591	10.72954	0.22496	12.37814	3794.988	26.38236
3251	95.46867	22.42772	61359.65	4398942	10.80796	0.222368	12.45471	3814.243	26.38863
3297	102.8107	23.427	61257.9	4489544	10.89645	0.219956	12.52973	3832.478	26.42067
3256	102.1342	22.92243	52104.03	4535375	11.0183	0.217518	12.60325	3849.097	26.46771
3310	94.04214	21.08083	48671.89	4560155	11.18913	0.213913	12.67534	3863.398	26.52707
3316	97.39789	21.6262	52186.5	4580084	11.53671	0.21016	12.74607	3874.554	26.57484
3313	99.32147	21.85904	49042.34	4599533	11.92544	0.206354	12.81552	3884.926	26.60134
3331	95.8111	21.06756	51773.11	4623816	12.34725	0.202044	12.88377	3890.252	26.62157
3330	94.53155	20.52433	55412.93	4657740	12.78563	0.198249	12.95089	3894.687	26.63902
3431	97.05596	20.69495	61807.67	4701957	13.22987	0.195631	13.01698	3897.99	26.65957
3355	95.28168	20.11639	64100.43	4755335	13.57843	0.193367	13.08211	3899.842	26.69088
3377	93.62687	19.69181	69330.69	4813608	13.92757	0.193367	13.14634	3899.803	26.69088
2470	NA	NA	1436.384	2185000	4.808057	NA	9.443318	NA	NA
2482	NA	NA	1094.636	2293000	4.967917	NA	9.508516	NA	NA
2406	NA	NA	1257.811	2379000	5.144418	NA	9.573727	NA	NA
2476	NA	NA	1375.892	2475000	5.339995	NA	9.639002	NA	NA
2446	NA	NA	1429.315	2563000	5.555851	NA	9.704393	NA	NA
2553	NA	NA	1513.884	2629000	5.723466	NA	9.769954	NA	NA
2643	NA	NA	1468.124	2745000	5.899091	NA	9.835739	NA	NA
2715	NA	NA	1647.877	2803000	6.085974	NA	9.901798	NA	NA
2755	NA	NA	1852.393	2877000	6.283885	NA	9.968181	NA	NA
2741	NA	NA	2369.088	2974000	6.491668	NA	10.03494	NA	NA
2891	NA	NA	2186.054	3069000	6.718499	NA	10.10211	NA	NA
2855	NA	NA	2786.372	3148000	6.942565	NA	10.16973	NA	NA
2919	NA	NA	3453.859	3278000	7.16945	NA	10.23784	NA	NA

2843	NA	NA	4836.911	3377000	7.410598	NA	10.30646	NA	NA
2856	NA	NA	4443.946	3455000	7.670854	NA	10.37561	NA	NA
2890	NA	NA	4295.747	3533000	7.876647	NA	10.4453	NA	NA
2872	NA	NA	4806.449	3613000	8.104274	NA	10.51553	NA	NA
2789	NA	NA	4562.665	3690000	8.329809	NA	10.58627	NA	NA
2770	NA	NA	5680.19	3786000	8.518278	NA	10.65752	NA	NA
2764	NA	NA	6228.615	3878000	8.654895	0.286117	10.72923	4219.446	24.52821
2810	NA	NA	6463.271	3956000	8.696719	0.281911	10.80134	4216.339	24.58619
2952	NA	NA	6903.016	4031000	8.680594	0.277366	10.87382	4213.62	24.61834
2936	NA	NA	7571.118	4105000	8.636516	0.272562	10.94656	4211.203	24.63608
2900	NA	NA	7008.527	4159000	8.604428	0.267665	11.0195	4209.028	24.67879
2925	NA	NA	6495.061	4233000	8.604196	0.262904	11.09254	4207.051	24.75748
2970	NA	NA	7928.247	4299000	8.64757	0.258258	11.16557	4203.947	24.8587
3047	NA	NA	9372.036	4369000	8.708169	0.253477	11.23846	4200.843	24.95002
2971	NA	NA	11273.92	4442000	8.778477	0.248399	11.31111	4197.704	25.0194
2939	NA	NA	11040.6	4518000	8.845224	0.242516	11.38339	4194.5	25.0836
2996	70.25906	27.48753	12658.15	4660000	8.902083	0.236754	11.45515	4191.202	25.15765
3011	75.14469	28.93769	13645.23	4949000	9.031319	0.231033	11.52627	4187.288	25.24405
3036	79.49622	30.27836	14752.27	5123000	9.182326	0.225444	11.59662	4182.805	25.32487
2988	79.37552	29.74635	14437.3	5261000	9.35209	0.220431	11.66607	4177.702	25.39181
2929	82.56301	30.38739	15985.76	5399000	9.540072	0.215891	11.73449	4171.924	25.46216
3030	85.10596	31.02875	18096.16	5545000	9.747683	0.211891	11.80176	4165.418	25.53279
3025	87.33142	31.32372	19317.87	5692000	9.796528	0.208234	11.86779	4158.037	25.59305
3020	87.66181	31.00117	19658.13	5836000	9.846145	0.205084	11.93247	4150.255	25.64808
3008	87.99196	30.7294	19423.75	5971000	9.896639	0.202369	11.99572	4142.086	25.69998
2984	90.26761	30.85412	19133.05	6125000	9.950541	0.199493	12.05748	4133.553	25.75438
3052	88.58622	29.62329	21042.98	6289000	10.01224	0.196352	12.11769	4124.683	25.83027
3196	86.75772	28.51068	20299.14	6439000	10.0129	0.193387	12.17632	4119.681	25.87261
3282	87.27461	28.1288	18427.61	6570000	10.01857	0.190615	12.23336	4119.067	25.9034
3210	85.62342	27.12339	18964.22	6689700	10.0257	0.187744	12.2888	4123.275	25.92734
3378	83.09575	25.84144	19892.06	6809000	10.02567	0.184139	12.34267	4132.777	25.98119
3397	85.46897	25.97856	20557.12	6930100	10.01761	0.180571	12.39501	4148.091	26.04211
3395	84.17968	25.21486	21827.82	7053700	10.05785	0.177802	12.44587	4167.215	26.10161
3296	84.69818	25.04372	24889.17	7180100	10.09172	0.17529	12.49533	4185.975	26.14164
3309	81.4051	23.79908	29531.57	7308800	10.14629	0.173159	12.54346	4203.937	26.16593
3278	81.06056	23.274	27709.12	7485600	10.25814	0.171413	12.59039	4220.591	26.20338
3298	78.10424	22.27061	30642.94	7623600	10.44724	0.171439	12.63621	4235.338	26.25198
3305	79.12465	22.40071	33689.84	7765800	10.53274	0.17167	12.68105	4247.475	26.29141
3362	74.05132	20.92793	32525.96	7910500	10.6628	0.172004	12.72505	4258.977	26.32236
3372	74.63947	20.80233	36291.23	8059500	10.83035	0.171124	12.76835	4264.846	26.35028
3262	74.06826	20.32164	37539.95	8215700	11.02089	0.170075	12.81108	4269.817	26.37633
3219	72.471	19.74789	35690.96	8380100	11.22371	0.169047	12.8534	4273.608	26.40045
3256	72.98134	19.58366	37180.85	8546000	11.46993	0.168059	12.89545	4275.816	26.42131
3270	73.55042	19.57843	40270.25	8712400	11.73329	0.168059	12.93737	4275.819	26.42131
2716	NA	NA	887.3367	50536350	9.625852	NA	7.528859	NA	NA
2772	NA	NA	990.2602	50879450	9.756381	NA	7.603263	NA	NA
2836	NA	NA	1126.019	51252000	9.887977	NA	7.679949	NA	NA
2813	NA	NA	1222.545	51675350	10.01991	NA	7.758956	NA	NA
2867	NA	NA	1304.454	52112350	10.15555	NA	7.840307	NA	NA

2886	NA	NA	1402.442	52519000	10.32477	NA	7.92401	NA	NA
2958	NA	NA	1533.693	52900500	10.50072	NA	8.010057	NA	NA
3020	NA	NA	1651.939	53235750	10.68718	NA	8.098423	NA	NA
3045	NA	NA	1813.388	53537950	10.88626	NA	8.189066	NA	NA
3164	NA	NA	2099.914	53821850	11.09811	NA	8.281925	NA	NA
3150	NA	NA	2298.005	54073490	11.31538	NA	8.376921	NA	NA
3173	NA	NA	2662.326	54381345	11.51529	NA	8.47396	NA	NA
3235	NA	NA	3194.679	54751406	11.71048	NA	8.572926	NA	NA
3135	NA	NA	3609.201	55110868	11.92017	NA	8.673691	NA	NA
3111	NA	NA	4093.447	55441001	12.1536	NA	8.776109	NA	NA
3077	NA	NA	4019.796	55718260	12.42544	NA	8.880021	NA	NA
3023	NA	NA	4588.414	55955411	12.72843	NA	8.985252	NA	NA
3194	NA	NA	5591.991	56155143	13.02013	NA	9.09162	NA	NA
3293	NA	NA	6967.228	56317749	13.23158	NA	9.198931	NA	NA
3272	NA	NA	8429.023	56433883	13.32779	0.286904	9.306984	4061.64	24.63959
3183	NA	NA	7597.689	56501675	13.36379	0.287603	9.415574	4057.88	24.69755
3088	NA	NA	7531.598	56543548	13.27932	0.287361	9.52449	4054.59	24.75064
3066	NA	NA	7806.739	56564074	13.14791	0.28636	9.633524	4051.666	24.80955
3121	NA	NA	7714.185	56576718	13.07579	0.284605	9.742467	4049.033	24.83557
3147	NA	NA	7964.329	56593071	13.12247	0.282123	9.851113	4046.641	24.85425
3223	NA	NA	11277.69	56596155	13.36435	0.27896	9.959263	4042.885	24.87683
3256	NA	NA	14187.77	56601931	13.70211	0.27515	10.06673	4039.129	24.90315
3263	NA	NA	15692.73	56629288	14.09818	0.271032	10.17332	4035.33	24.93607
3283	NA	NA	16332.61	56671781	14.49364	0.264452	10.27887	4031.453	24.97414
3307	83.14643	24.1443	20757.09	56719240	14.85529	0.258966	10.38322	4027.462	25.01247
3351	86.16077	24.45417	21884.1	56758521	15.23116	0.25221	10.48623	4022.849	25.04642
3259	86.38282	23.94435	23166.8	56797087	15.58341	0.246014	10.58777	4017.68	25.07349
3187	88.94978	24.04114	18676.95	56831821	15.91674	0.239522	10.68772	4011.906	25.09739
3207	90.05508	23.81735	19273.84	56843400	16.24059	0.233143	10.78598	4005.476	25.12016
3227	91.0347	23.5942	20596.39	56844303	16.56177	0.228003	10.88248	3998.336	25.15348
3282	91.56544	23.24847	23020.1	56860281	16.88681	0.223077	10.97716	3990.27	25.19386
3286	91.17179	22.54459	21779.62	56890372	17.1975	0.218642	11.06995	3981.728	25.2381
3370	95.1887	22.85658	22252.36	56906744	17.50371	0.21468	11.16084	3972.716	25.29003
3425	92.39431	21.79536	21936.82	56916317	17.81821	0.212191	11.24982	3963.247	25.33263
3384	94.65518	21.82188	20051.24	56942108	18.14788	0.210424	11.33687	3953.34	25.37334
3378	94.96762	21.42502	20400.81	56974100	18.44383	0.2095	11.42203	3947.84	25.40553
3371	96.73344	21.29577	22196.51	57059007	18.7472	0.208647	11.50531	3947.397	25.43491
3332	99.43387	21.39886	27387.23	57313203	19.04417	0.207942	11.58676	3952.512	25.45802
3331	95.26766	20.116	31174.56	57685327	19.31264	0.207779	11.66644	3963.735	25.48503
3275	95.64918	19.97442	31959.26	57969484	19.5434	0.207954	11.7444	3981.66	25.49396
3353	93.71953	19.43478	33410.75	58143979	19.75353	0.20835	11.82072	4003.783	25.50643
3346	94.16519	19.39043	37698.79	58438310	19.91738	0.20917	11.89548	4025.26	25.49293
3324	94.13826	19.27822	40640.18	58826731	20.06642	0.21033	11.96876	4045.574	25.4533
3332	95.48418	19.3732	36976.85	59095365	20.2492	0.211549	12.04064	4064.113	25.41389
3309	92.24981	18.62499	35849.37	59277417	20.49816	0.21158	12.11122	4080.161	25.39057
3288	93.17454	18.77091	38334.68	59379449	20.80666	0.210378	12.18058	4092.881	25.38916
3284	92.47153	18.5618	34814.13	59539717	21.17346	0.207906	12.24881	4104.747	25.40534
3279	90.64398	18.0529	35370.28	60233948	21.58002	0.204644	12.31601	4110.826	25.42844
3198	87.74951	17.48496	35396.67	60789140	21.98548	0.201118	12.38225	4115.908	25.4554

3236	89.44251	17.83743	30180.32	60730582	22.36287	0.19779	12.44762	4119.714	25.48138
3214	85.46299	16.94866	30668.98	60627498	22.70932	0.194623	12.51219	4121.872	25.50723
3226	83.26709	16.45697	31952.98	60551416	23.02124	0.194623	12.57604	4121.839	25.50723
1535	NA	NA	453.1295	1650806	4.517914	NA	6.354988	NA	NA
1632	NA	NA	463.9597	1676250	4.739329	NA	6.431348	NA	NA
1644	NA	NA	485.3193	1703395	4.963852	NA	6.506397	NA	NA
1763	NA	NA	518.8897	1730486	5.18652	NA	6.580216	NA	NA
1757	NA	NA	553.5269	1756266	5.416719	NA	6.652896	NA	NA
1767	NA	NA	616.0536	1780264	5.448068	NA	6.724538	NA	NA
1885	NA	NA	636.7081	1803064	5.481835	NA	6.795249	NA	NA
1875	NA	NA	593.7028	1825633	5.51962	NA	6.865142	NA	NA
1845	NA	NA	644.1433	1849414	5.562897	NA	6.934333	NA	NA
2056	NA	NA	749.0617	1875381	5.613259	NA	7.002943	NA	NA
2094	NA	NA	808.7461	1904016	5.666339	NA	7.071091	NA	NA
2178	NA	NA	969.1036	1934828	5.720922	NA	7.138897	NA	NA
2061	NA	NA	969.0942	1966700	5.772461	NA	7.206477	NA	NA
2169	NA	NA	1188.717	1998034	5.814315	NA	7.273944	NA	NA
2156	NA	NA	1410.642	2027737	5.842917	NA	7.341407	NA	NA
2177	NA	NA	1443.254	2055085	6.03902	NA	7.408968	NA	NA
2113	NA	NA	1561.951	2080538	6.227139	NA	7.476722	NA	NA
2183	NA	NA	1255.874	2105664	6.410994	NA	7.544758	NA	NA
2112	NA	NA	1137.078	2132690	6.58905	NA	7.613154	NA	NA
2113	NA	NA	1238.721	2163045	6.754968	0.114378	7.681981	2939.82	24.4997
2128	NA	NA	1355.608	2197583	6.84684	0.113476	7.751301	2937.381	24.52268
2102	NA	NA	1473.401	2235327	6.913843	0.11277	7.821164	2935.247	24.54008
2109	NA	NA	1591.832	2273666	6.964743	0.112279	7.891614	2933.35	24.55577
2193	NA	NA	1027.987	2308947	7.010079	0.111962	7.962682	2931.642	24.56601
2122	NA	NA	898.054	2338638	7.054918	0.11179	8.034392	2930.09	24.57335
2137	NA	NA	1166.339	2361720	7.0972	0.111793	8.106758	2927.653	24.58798
2164	NA	NA	1381.506	2379279	7.160867	0.111985	8.179785	2925.217	24.6081
2070	NA	NA	1599.439	2393534	7.24268	0.112388	8.25347	2922.753	24.63859
2079	NA	NA	1829.519	2407720	7.3342	0.113531	8.327803	2920.238	24.67991
2169	39.49679	18.87678	1894.293	2424242	7.430323	0.114543	8.402763	2917.649	24.72534
2101	39.24924	18.53792	1666.014	2443689	7.463798	0.115635	8.478328	2914.453	24.78324
2145	41.44843	19.26875	1432.201	2465362	7.48531	0.116754	8.554464	2910.677	24.84408
2210	42.95958	19.64327	2171.784	2488782	7.495634	0.117812	8.631138	2906.266	24.918
2236	44.98089	20.25831	2156.398	2513049	7.499297	0.118766	8.708307	2901.167	24.98976
2317	47.24099	20.84866	2576.944	2537440	7.500315	0.119553	8.78593	2895.32	25.06564
2258	49.70633	21.77847	2875.886	2561993	7.556929	0.120207	8.86396	2889.141	25.14201
2254	52.16239	22.83442	3237.587	2586827	7.621113	0.120638	8.942351	2883.167	25.20823
2241	54.2302	23.7832	3355.798	2611367	7.697807	0.120951	9.021055	2877.47	25.2718
2287	56.57044	24.90087	3359.384	2634882	7.785244	0.1203	9.100027	2872.132	25.34277
2228	57.80179	25.58726	3381.939	2656864	7.879477	0.119633	9.179223	2867.249	25.36101
2306	58.96886	25.8536	3428.457	2677011	7.903367	0.117391	9.258601	2865.162	25.39195
2320	56.46899	24.56424	3596.499	2695446	7.931303	0.11493	9.338124	2865.679	25.44416
2322	54.67073	23.53612	3465.22	2712511	7.966788	0.112415	9.41776	2869.018	25.60649
2370	52.19622	22.3801	3719.974	2728777	8.01348	0.109942	9.49748	2875.412	25.79154
2339	50.64363	21.28317	4082.241	2744673	8.074404	0.107654	9.577264	2885.103	25.99625
2398	51.00754	21.14721	4311.851	2760279	8.143488	0.105773	9.657095	2896.596	26.16538

2385	53.60053	21.72531	4621.856	2775467	8.207988	0.104038	9.736963	2907.566	26.30167
2272	56.02572	22.51093	4903.184	2790122	8.272685	0.10248	9.816867	2917.73	26.34987
2309	59.83636	23.58912	4303.54	2804082	8.350398	0.102074	9.896809	2926.758	26.369
2323	60.22633	23.79128	4685.588	2817210	8.454606	0.101761	9.976798	2934.268	26.37544
2311	61.25697	24.07655	5093.973	2829493	8.582456	0.101375	10.05685	2939.824	26.37751
2285	64.05695	24.91399	5208.996	2840992	8.740046	0.100985	10.13698	2944.84	26.36812
2304	66.24496	25.63235	4976.849	2851807	8.918556	0.10058	10.21723	2947.431	26.35973
2246	67.34667	25.92555	4839.892	2862087	9.106606	0.099931	10.2976	2949.535	26.35519
2263	67.6195	25.90595	4925.416	2871934	9.303173	0.099248	10.37815	2951.051	26.3508
2211	67.70508	25.97941	4883.86	2881355	9.49706	0.098506	10.4589	2951.859	26.34858
2280	66.91932	25.57302	5114.041	2890299	9.683877	0.098506	10.53989	2951.813	26.34858
2357	NA	NA	563.5868	94943000	5.729118	NA	8.659211	NA	NA
2388	NA	NA	633.6403	95832000	5.836692	NA	8.763564	NA	NA
2430	NA	NA	717.8669	96812000	5.945434	NA	8.868249	NA	NA
2442	NA	NA	835.6573	97826000	6.055337	NA	8.973215	NA	NA
2414	NA	NA	919.7767	98883000	6.167019	NA	9.078405	NA	NA
2426	NA	NA	1058.504	99790000	6.30785	NA	9.18376	NA	NA
2459	NA	NA	1228.909	1.01E+08	6.452612	NA	9.289215	NA	NA
2455	NA	NA	1450.62	1.01E+08	6.598046	NA	9.394701	NA	NA
2427	NA	NA	1669.098	1.03E+08	6.739449	NA	9.500147	NA	NA
2438	NA	NA	2037.56	1.04E+08	6.875433	NA	9.605477	NA	NA
2436	NA	NA	2272.078	1.06E+08	7.045085	NA	9.710611	NA	NA
2468	NA	NA	2967.042	1.07E+08	7.201888	NA	9.815468	NA	NA
2496	NA	NA	3997.841	1.08E+08	7.354763	NA	9.919961	NA	NA
2450	NA	NA	4353.824	1.1E+08	7.518307	NA	10.024	NA	NA
2452	NA	NA	4659.12	1.12E+08	7.701498	NA	10.12751	NA	NA
2477	NA	NA	5197.807	1.13E+08	7.919758	NA	10.23038	NA	NA
2478	NA	NA	6335.788	1.14E+08	8.166298	NA	10.33254	NA	NA
2515	NA	NA	8821.843	1.15E+08	8.427864	NA	10.43388	NA	NA
2526	NA	NA	9105.136	1.16E+08	8.680926	NA	10.53432	NA	NA
2542	NA	NA	9465.38	1.17E+08	8.914208	0.336762	10.63377	4924.124	22.75822
2549	NA	NA	10361.32	1.18E+08	9.170693	0.328573	10.73215	4922.732	22.80879
2568	NA	NA	9578.114	1.18E+08	9.397063	0.320159	10.82936	4921.514	22.86417
2592	NA	NA	10425.41	1.19E+08	9.612701	0.311593	10.92534	4920.431	22.92471
2593	NA	NA	10984.87	1.2E+08	9.845539	0.303222	11.02	4919.457	22.9793
2619	NA	NA	11584.65	1.21E+08	10.11089	0.295137	11.11327	4918.571	23.02668
2634	NA	NA	17111.85	1.21E+08	10.39839	0.287474	11.20509	4917.181	23.07352
2657	NA	NA	20745.25	1.22E+08	10.71436	0.280725	11.2954	4915.79	23.10838
2708	NA	NA	25051.85	1.23E+08	11.06343	0.274621	11.38415	4914.384	23.16315
2735	NA	NA	24813.3	1.23E+08	11.44748	0.270345	11.47129	4912.949	23.22785
2716	33.58825	7.653578	25359.35	1.24E+08	11.86865	0.267101	11.55679	4911.471	23.27811
2709	34.83646	7.875617	28925.04	1.24E+08	12.30804	0.264619	11.64062	4909.529	23.31568
2722	36.04174	8.080985	31464.55	1.24E+08	12.7782	0.262747	11.72276	4907.124	23.35096
2712	36.82232	8.210668	35765.91	1.25E+08	13.2717	0.261216	11.8032	4904.216	23.38783
2720	37.09016	8.247348	39268.57	1.25E+08	13.77997	0.260597	11.88195	4900.759	23.41622
2723	39.20484	8.71179	43440.37	1.25E+08	14.29751	0.260441	11.95902	4896.707	23.45171
2762	39.5218	8.715322	38436.93	1.26E+08	14.83227	0.259943	12.03441	4891.676	23.49075
2739	40.73825	8.848085	35021.72	1.26E+08	15.36954	0.259636	12.10817	4886.029	23.5329
2696	43.00816	9.186641	31902.77	1.26E+08	15.90812	0.258885	12.18033	4879.754	23.56635

2703	44.57152	9.412239	36026.56	1.27E+08	16.44626	0.25686	12.25093	4872.839	23.57134
2713	45.21197	9.421557	38532.04	1.27E+08	16.9847	0.254524	12.32004	4865.275	23.58632
2695	46.36274	9.497129	33846.47	1.27E+08	17.50755	0.252143	12.38772	4861.109	23.59938
2658	47.35553	9.479345	32289.35	1.27E+08	18.03083	0.249626	12.45403	4861.072	23.61398
2647	49.2743	9.582774	34808.39	1.28E+08	18.55935	0.24694	12.51906	4865.597	23.63213
2643	52.2358	9.888107	37688.72	1.28E+08	19.09801	0.243305	12.58288	4875.153	23.65601
2647	54.12787	10.04069	37217.65	1.28E+08	19.65288	0.239789	12.64559	4890.259	23.68076
2606	55.16036	10.05648	35433.99	1.28E+08	20.17815	0.236706	12.70727	4908.724	23.70713
2620	56.55764	10.10087	35275.23	1.28E+08	20.69781	0.234611	12.76803	4926.496	23.74167
2547	58.14099	10.16517	39339.3	1.28E+08	21.23581	0.232482	12.82795	4943.136	23.77108
2498	58.39622	10.04555	40855.18	1.28E+08	21.82916	0.230068	12.88713	4958.126	23.79551
2538	59.9766	10.23175	44507.68	1.28E+08	22.49897	0.2281	12.94567	4970.858	23.83104
2535	62.04214	10.54032	48168	1.28E+08	23.15941	0.226135	13.00366	4980.624	23.8598
2570	60.19613	10.20149	48603.48	1.28E+08	23.8807	0.225179	13.0612	4989.599	23.89098
2561	60.38683	10.1664	40454.45	1.27E+08	24.62983	0.225647	13.11838	4994.214	23.9201
2553	60.48225	10.10671	38109.41	1.27E+08	25.3524	0.226303	13.17527	4998.022	23.94718
2541	58.34921	9.69561	34567.75	1.27E+08	26.01536	0.226917	13.23197	5000.826	23.97267
2541	57.09157	9.435775	38972.34	1.27E+08	26.56456	0.227329	13.28855	5002.374	23.99729
2544	56.64068	9.35771	38428.1	1.27E+08	27.04858	0.227329	13.34507	5002.323	23.99729
1844	NA	NA	NA	973083	4.155863	NA	2.054382	NA	NA
1845	NA	NA	NA	1009733	4.04394	NA	2.176619	NA	NA
1907	NA	NA	NA	1049302	3.93433	NA	2.304515	NA	NA
1883	NA	NA	NA	1101459	3.826289	NA	2.438049	NA	NA
1859	NA	NA	511.562	1172550	3.716942	NA	2.57716	NA	NA
1862	NA	NA	519.8893	1265806	3.562868	NA	2.721748	NA	NA
1722	NA	NA	458.6366	1377465	3.441975	NA	2.871671	NA	NA
1911	NA	NA	374.5471	1498309	3.350177	NA	3.026745	NA	NA
1949	NA	NA	432.7208	1615277	3.285814	NA	3.186748	NA	NA
1902	NA	NA	372.0937	1718913	3.248623	NA	3.351417	NA	NA
1932	NA	NA	375.4232	1806605	3.20701	NA	3.520454	NA	NA
1925	NA	NA	419.1839	1881214	3.16232	NA	3.693527	NA	NA
1930	NA	NA	485.037	1945626	3.116889	NA	3.870277	NA	NA
1910	NA	NA	597.2838	2004833	3.073722	NA	4.050318	NA	NA
1906	NA	NA	660.7337	2062918	3.034633	NA	4.233248	NA	NA
1910	NA	NA	805.9808	2120069	3.074475	NA	4.418647	NA	NA
1962	NA	NA	963.4368	2176135	3.114237	NA	4.60609	NA	NA
2038	NA	NA	1164.752	2234594	3.148805	NA	4.795144	NA	NA
2036	NA	NA	1422.704	2299655	3.172345	NA	4.98538	NA	NA
2103	NA	NA	1646.732	2374422	3.183764	0.221991	5.176371	3348.061	24.71135
2118	NA	NA	1781.528	2461193	3.267074	0.220136	5.3677	3343.709	24.91838
2177	NA	NA	1828.548	2559718	3.340563	0.218602	5.55896	3339.901	25.13245
2190	NA	NA	1844.597	2667470	3.4033	0.217452	5.74976	3336.515	25.32875
2219	NA	NA	1786.311	2780428	3.463747	0.216669	5.939724	3333.469	25.51308
2251	NA	NA	1724.397	2895985	3.529335	0.216303	6.128495	3330.699	25.69472
2205	NA	NA	2125.786	3011300	3.439113	0.216382	6.315734	3326.351	25.87416
2248	NA	NA	2159.776	3127917	3.36796	0.216977	6.501123	3322.004	26.04834
2263	NA	NA	1929.859	3252672	3.308265	0.218231	6.684368	3317.607	26.21701
2232	NA	NA	1243.274	3395023	3.251289	0.220001	6.865195	3313.119	26.37217
2366	33.00444	15.96493	1168.349	3560582	3.196022	0.221541	7.043359	3308.499	26.50139

2421	34.54403	16.48317	1157.407	3753433	3.113283	0.223053	7.218639	3303.071	26.60581
2343	35.94393	16.86386	1338.474	3968198	3.037777	0.224245	7.390842	3296.903	26.70706
2341	37.87964	17.51251	1338.091	4189431	2.977254	0.225235	7.559808	3289.93	26.79228
2247	39.69077	18.03539	1418.973	4395953	2.938817	0.225981	7.725408	3282.081	26.88419
2361	41.61327	18.58125	1471.154	4572904	2.925537	0.226361	7.887551	3273.286	26.99239
2321	43.78256	19.16165	1469.002	4716373	2.950848	0.226161	8.046179	3264.412	27.09666
2367	45.6829	19.53899	1499.542	4832267	2.975912	0.225368	8.201277	3256.164	27.21557
2353	47.53696	19.85893	1605.615	4927912	3.001738	0.224105	8.35287	3248.669	27.30293
2290	49.24395	20.15254	1624.979	5014899	3.030211	0.223487	8.501023	3242.066	27.38604
2319	50.407	20.1069	1657.889	5103130	3.063218	0.222496	8.645845	3236.517	27.48471
2439	51.10472	20.17815	1728.261	5193482	3.121336	0.221242	8.787483	3235.215	27.57273
2541	51.90313	20.29073	1812.288	5287488	3.184461	0.219983	8.926127	3237.613	27.67055
2660	52.56512	20.11652	1889.214	5396774	3.250349	0.218936	9.062002	3243.99	27.7527
2663	53.72194	20.47184	2061.457	5535595	3.314711	0.218847	9.195368	3254.64	27.83619
2662	54.386	20.81813	2203.084	5714111	3.373333	0.22329	9.326514	3269.87	27.88772
2669	55.04529	20.99136	2537.3	5934232	3.433115	0.228348	9.455754	3286.886	27.94251
2651	53.81066	20.12084	2762.806	6193191	3.493466	0.233125	9.583422	3302.453	27.97637
2593	52.4013	19.08461	3385.61	6489822	3.55301	0.23549	9.709863	3316.102	28.05045
2692	51.31221	18.12581	3492.131	6821116	3.610392	0.23716	9.83543	3327.298	28.14035
2645	50.36591	17.38396	3679.19	7182390	3.665159	0.237734	9.960477	3335.43	28.21581
2737	50.07944	17.00844	3807.324	7574943	3.673823	0.237161	10.08535	3339.801	28.32157
2672	50.13234	16.75356	3870.753	7992573	3.685772	0.235967	10.21037	3343.023	28.40114
2645	50.35858	16.58601	3992.867	8413464	3.702946	0.234413	10.33587	3344.785	28.49155
2333	50.30275	16.34131	4066.941	8809306	3.727672	0.232822	10.46212	3345.941	28.57673
2343	49.97475	16.01154	4096.099	9159302	3.762983	0.230498	10.58938	3346.495	28.65584
2363	50.14038	15.81184	4087.938	9455802	3.785697	0.22823	10.71788	3346.541	28.71612
2359	50.03778	15.55841	4129.752	9702353	3.810117	0.22823	10.84779	3346.367	28.71612
2733	25.12763	11.96793	1515.104	16439095	6.41939	0.221389	9.436675	8087.138	25.31436
2756	28.61377	13.73097	1433.462	16330419	6.748815	0.218193	9.52549	8091.056	25.36226
2744	30.68973	14.76301	1320.322	16095199	7.013989	0.215276	9.612384	8094.528	25.38922
2671	33.06738	15.82505	1288.239	15815626	7.171064	0.212699	9.697448	8097.505	25.39524
2670	34.60367	16.39002	1350.334	15577894	7.213239	0.210143	9.780788	8096.213	25.39353
2665	35.06195	16.55014	1445.569	15333703	7.121041	0.205283	9.862521	8090.66	25.35753
2532	34.13416	16.18129	1468.702	15071300	6.965544	0.200424	9.942774	8080.493	25.32985
2545	33.82851	16.09879	1130.114	14928426	6.850601	0.19679	10.02168	8065.329	25.28811
2604	34.71869	16.55772	1229.001	14883626	6.825159	0.194322	10.09939	8044.754	25.2614
2636	35.48978	16.83392	1490.927	14858335	7.052573	0.194096	10.17604	8023.991	25.23803
2642	35.85171	16.93859	1658.031	14858948	7.341408	0.195773	10.25178	8007.128	25.22508
2693	36.46467	17.15813	2068.124	14909018	7.599516	0.202462	10.32677	7994.907	25.24092
2648	36.66944	17.17294	2874.288	15012985	7.722647	0.209825	10.40115	7988.169	25.25949
2699	37.88733	17.60092	3771.279	15147029	7.67735	0.217001	10.47507	7987.867	25.30915
2769	38.64659	17.66471	5291.576	15308084	7.602196	0.223162	10.54866	7993.469	25.37358
2847	38.23162	17.25854	6771.415	15484192	7.42855	0.227855	10.62206	7999.86	25.44917
2873	38.09504	17.01413	8513.565	15674000	7.207158	0.230635	10.69541	8006.757	25.53269
2862	37.76038	16.65072	7165.223	16092822	6.997198	0.231192	10.76881	8013.783	25.6154
2886	38.60578	16.77835	9070.488	16321872	6.823121	0.229748	10.84236	8020.452	25.69032
2929	38.4925	16.49775	11634	16557201	6.824383	0.222751	10.91618	8026.147	25.77689
2909	38.38422	16.06394	12386.7	16792089	6.81488	0.214288	10.99033	8031.85	25.83979
2985	36.74755	14.90531	13890.63	17035550	6.783934	0.20557	11.06489	8034.763	25.90068

2836	36.06643	14.16502	12807.26	17288285	6.751566	0.197917	11.13992	8037.325	25.97534
2963	35.9615	13.7562	10510.77	17542806	6.753909	0.194121	11.21547	8039.344	26.04821
2863	36.54892	13.69675	7714.842	17794055	6.84021	0.191945	11.29156	8040.559	26.13262
2936	36.5101	13.47864	9030.384	18037646	6.991096	0.191945	11.36822	8040.598	26.13262
2122	NA	NA	94.83526	8361441	3.675587	NA	1.334711	NA	NA
2118	NA	NA	100.6043	8628972	3.664817	NA	1.399426	NA	NA
2019	NA	NA	104.0127	8908422	3.646392	NA	1.467078	NA	NA
2069	NA	NA	108.5589	9200157	3.62159	NA	1.537728	NA	NA
2174	NA	NA	104.9922	9504703	3.591117	NA	1.611426	NA	NA
2163	NA	NA	118.5564	9822499	3.575495	NA	1.688215	NA	NA
2149	NA	NA	121.3808	10154484	3.553317	NA	1.768125	NA	NA
2174	NA	NA	128.8577	10502245	3.524903	NA	1.851177	NA	NA
2223	NA	NA	134.1937	10867716	3.490043	NA	1.937381	NA	NA
2150	NA	NA	142.4971	11252492	3.448969	NA	2.026735	NA	NA
2133	NA	NA	152.5532	11657514	3.423603	NA	2.119225	NA	NA
2180	NA	NA	174.3976	12083188	3.390554	NA	2.214825	NA	NA
2120	NA	NA	199.6945	12529852	3.351013	NA	2.313498	NA	NA
2133	NA	NA	228.7584	12997595	3.306142	NA	2.415194	NA	NA
2155	NA	NA	241.6723	13486629	3.256996	NA	2.519848	NA	NA
2228	NA	NA	248.24	13996704	3.218479	NA	2.627386	NA	NA
2209	NA	NA	309.3535	14528293	3.176271	NA	2.737718	NA	NA
2206	NA	NA	351.6367	15082994	3.131043	NA	2.850742	NA	NA
2141	NA	NA	398.0368	15662852	3.082963	NA	2.966342	NA	NA
2101	NA	NA	446.5745	16268990	3.032794	0.103673	3.084387	8493.405	21.58206
2037	NA	NA	405.551	16901677	2.996395	0.1037	3.204733	8494.371	21.59144
2052	NA	NA	366.275	17559430	2.957101	0.103719	3.327223	8495.214	21.59994
2018	NA	NA	327.8176	18239404	2.916482	0.103754	3.451686	8495.965	21.60755
1806	NA	NA	326.9365	18937738	2.876204	0.103778	3.577938	8496.641	21.61742
1941	NA	NA	312.196	19651225	2.837604	0.103774	3.705783	8497.255	21.62663
1967	NA	NA	355.2313	20378626	2.807309	0.103734	3.835016	8498.219	21.63731
1915	NA	NA	377.4185	21119318	2.777012	0.103653	3.965424	8499.183	21.6511
1871	NA	NA	382.0224	21871442	2.748484	0.103544	4.096786	8500.157	21.6673
1886	NA	NA	365.9748	22633022	2.723883	0.103197	4.228878	8501.152	21.68323
1848	17.38877	11.71523	366.3009	23402507	2.704766	0.102903	4.361476	8502.177	21.69593
1836	17.83986	11.92562	337.1222	24179598	2.696112	0.10262	4.494356	8503.041	21.70939
1746	18.36599	12.21619	328.8393	24963953	2.690207	0.102346	4.627301	8503.697	21.72039
1723	18.83498	12.49235	223.3348	25754114	2.686631	0.102108	4.760102	8504.129	21.73032
1887	19.3838	12.79423	269.2487	26548486	2.684315	0.10193	4.892559	8504.313	21.73944
1885	19.85105	13.01524	330.8043	27346456	2.68249	0.101784	5.02449	8504.227	21.75094
1897	20.16178	13.10097	427.9513	28147734	2.698214	0.101486	5.15573	8501.054	21.77002
1877	20.5188	13.24661	452.9848	28954114	2.705622	0.101233	5.286133	8494.728	21.79465
1881	20.77634	13.34861	473.4327	29769803	2.705742	0.101041	5.415577	8484.979	21.82197
1911	20.80889	13.31358	421.4329	30600397	2.699766	0.099683	5.543966	8471.518	21.8465
1849	20.91617	13.33832	403.9797	31450483	2.688165	0.098479	5.671229	8454.029	21.8713
1881	20.5097	12.98931	401.7764	32321482	2.678305	0.097337	5.797325	8437.231	21.89982
1843	20.65883	12.96378	395.8494	33214009	2.667079	0.09635	5.922242	8424.255	21.93167
1825	20.88206	13.00326	436.6875	34130852	2.651285	0.095378	6.045994	8415.735	21.96581
1843	20.82448	12.87881	458.8844	35074931	2.626072	0.093854	6.168628	8412.386	22.0008
1982	20.72957	12.71046	519.7999	36048288	2.59062	0.092143	6.290215	8415.017	22.03249



1985	20.7887	12.66546	697.0066	37052050	2.566951	0.090594	6.410856	8423.719	22.06445
1936	20.80485	12.59716	839.1081	38085909	2.535253	0.089011	6.530675	8433.922	22.09587
1936	20.99686	12.61915	916.8993	39148416	2.502418	0.087636	6.649819	8445.415	22.13013
2002	21.38729	12.76388	920.0816	40237204	2.477361	0.086302	6.768456	8457.909	22.16481
2000	22.22867	13.13958	967.3505	41350152	2.464641	0.084919	6.886771	8471.026	22.20395
2021	22.48008	13.18005	987.4454	42486839	2.469991	0.08388	7.004962	8484.279	22.25247
2043	22.59426	13.16603	1155.021	43646629	2.485665	0.082903	7.12324	8497.947	22.30154
2061	22.72031	13.17285	1229.101	44826849	2.510449	0.081983	7.241823	8504.803	22.35088
2010	22.90447	13.23921	1335.123	46024250	2.542305	0.081185	7.360934	8511.006	22.39972
2031	23.21555	13.35993	1355.055	47236259	2.580386	0.080911	7.480794	8516.104	22.44681
1988	23.58868	13.45351	1462.504	48461567	2.632003	0.080609	7.601625	8519.373	22.48911
1981	23.77611	13.39887	1594.835	49699862	2.68643	0.080609	7.723643	8519.575	22.48911
2213	NA	NA	NA	42257	3.805287	NA	1.734406	NA	NA
2218	NA	NA	NA	43302	3.782735	NA	1.773069	NA	NA
2280	NA	NA	NA	44363	3.748619	NA	1.81247	NA	NA
2329	NA	NA	NA	45425	3.709411	NA	1.852623	NA	NA
2287	NA	NA	NA	46453	3.668224	NA	1.893544	NA	NA
2356	NA	NA	NA	47459	3.630502	NA	1.935247	NA	NA
2394	NA	NA	NA	48437	3.598489	NA	1.977751	NA	NA
2301	NA	NA	NA	49388	3.565643	NA	2.021073	NA	NA
2258	NA	NA	NA	50294	3.545154	NA	2.065231	NA	NA
2339	NA	NA	279.3247	51178	3.52886	NA	2.110246	NA	NA
2427	NA	NA	293.6787	52025	3.548294	NA	2.156139	NA	NA
2440	NA	NA	358.4834	52824	3.579812	NA	2.202932	NA	NA
2618	NA	NA	591.5726	53604	3.613536	NA	2.250648	NA	NA
2726	NA	NA	1574.792	54380	3.646561	NA	2.29931	NA	NA
2647	NA	NA	998.4197	55169	3.665102	NA	2.348945	NA	NA
2672	NA	NA	734.4019	55977	3.624703	NA	2.39958	NA	NA
2534	NA	NA	682.0641	56810	3.566274	NA	2.45124	NA	NA
2567	NA	NA	784.0523	57662	3.494502	NA	2.503955	NA	NA
2565	NA	NA	728.4751	58506	3.413325	NA	2.557754	NA	NA
2578	NA	NA	652.447	59339	3.343501	0.281003	2.612668	4919.081	26.83231
2499	NA	NA	687.9717	60133	3.37585	0.280939	2.668727	4914.761	26.88351
2462	NA	NA	665.9893	60920	3.429087	0.280816	2.725963	4910.982	26.92663
2427	NA	NA	612.5799	61768	3.500194	0.280748	2.784408	4907.622	26.96135
2429	NA	NA	657.1522	62765	3.564088	0.280754	2.844094	4904.598	26.9888
2351	NA	NA	501.9319	64003	3.62483	0.280923	2.905053	4901.849	27.00622
2285	NA	NA	489.7213	65518	3.63259	0.281158	2.967317	4897.534	27.01303
2296	NA	NA	499.6765	67261	3.608332	0.28173	3.030919	4893.219	27.0161
2275	NA	NA	621.9009	69098	3.551478	0.282856	3.095888	4888.856	27.02738
2248	NA	NA	580.2953	70860	3.481513	0.286076	3.162256	4884.401	27.05385
2324	26.87496	19.48658	549.7644	72412	3.423466	0.290364	3.230049	4879.816	27.10714
2342	27.0912	19.60173	644.7108	73700	3.481682	0.295617	3.299297	4874.202	27.17688
2373	27.68556	19.98789	638.4726	74769	3.524188	0.301034	3.370022	4867.608	27.27068
2410	25.05655	18.07272	619.6546	75719	3.539402	0.307373	3.442249	4859.945	27.38778
2311	25.28878	18.20861	715.1671	76671	3.518932	0.31456	3.515996	4851.119	27.52616
2445	25.31247	18.19067	724.7913	77730	3.472276	0.322711	3.591282	4841.034	27.67403
2404	25.57706	18.30418	842.9591	78907	3.46864	0.331921	3.668121	4831.466	27.82714
2372	25.69443	18.3078	842.2812	80184	3.445825	0.341983	3.746521	4823.416	27.98887

2423	25.92845	18.37095	801.163	81550	3.410178	0.352603	3.82649	4817.111	28.16528
2424	26.36426	18.5849	832.0548	82966	3.364029	0.360852	3.90803	4812.808	28.32544
2414	26.64648	18.6937	796.7938	84406	3.319669	0.369313	3.991139	4810.794	28.49534
2432	26.7874	18.74418	734.9492	85858	3.389317	0.377485	4.075811	4813.68	28.64495
2395	26.87104	18.76041	826.5855	87343	3.471371	0.383607	4.162034	4819.986	28.80044
2396	26.90199	18.74533	1015.039	88895	3.530007	0.388137	4.249792	4829.886	28.9262
2372	26.99398	18.77637	1130.603	90542	3.556361	0.388773	4.339066	4843.546	29.03114
2483	27.05427	18.76792	1214.557	92325	3.550501	0.38227	4.429831	4861.128	29.08307
2446	27.34136	18.8953	1169.477	94260	3.573096	0.372883	4.522055	4879.993	29.05894
2436	27.68228	19.05059	1377.535	96311	3.574877	0.361418	4.615706	4897.525	28.99605
2417	27.99475	19.19104	1432.777	98440	3.560544	0.348973	4.710743	4913.292	28.918
2484	28.41327	19.40881	1316.722	100568	3.551826	0.337146	4.807126	4926.805	28.84236
2509	28.90634	19.67562	1520.875	102652	3.549858	0.329707	4.904805	4937.519	28.77451
2561	29.3128	19.91835	1736.212	104656	3.560235	0.323403	5.003732	4944.822	28.71503
2605	29.6734	20.14342	1784.429	106613	3.576487	0.318247	5.103851	4951.074	28.6876
2602	30.00809	20.35725	1705.569	108535	3.611738	0.313379	5.205106	4954.336	28.67404
2569	30.31096	20.5578	1626.894	110458	3.653877	0.3089	5.307436	4956.861	28.66697
2642	30.65063	20.74833	1522.306	112407	3.703506	0.304638	5.41078	4958.562	28.66448
2587	30.95456	20.88214	1558.887	114395	3.797369	0.300564	5.515071	4959.367	28.65538
2577	31.04383	20.85443	1594.293	116398	3.895256	0.300564	5.620245	4959.248	28.65538
2152	NA	NA	NA	301336	1.876975	NA	1.909978	NA	NA
2208	NA	NA	NA	338296	1.797243	NA	2.014324	NA	NA
2107	NA	NA	NA	379891	1.740762	NA	2.121649	NA	NA
2246	NA	NA	NA	425235	1.700001	NA	2.231743	NA	NA
2238	NA	NA	4429.171	473554	1.665702	NA	2.344372	NA	NA
2281	NA	NA	4556.463	524856	1.729046	NA	2.45928	NA	NA
2297	NA	NA	4217.381	579007	1.77269	NA	2.576193	NA	NA
2282	NA	NA	4194.569	634897	1.80171	NA	2.694822	NA	NA
2197	NA	NA	4007.258	691129	1.826287	NA	2.814865	NA	NA
2198	NA	NA	3848.57	746767	1.858545	NA	2.936015	NA	NA
2119	NA	NA	4843.549	801142	1.853854	NA	3.05796	NA	NA
2163	NA	NA	5208.495	854604	1.8288	NA	3.180392	NA	NA
2116	NA	NA	5952.862	908520	1.785101	NA	3.303007	NA	NA
2095	NA	NA	13478.77	964834	1.741854	NA	3.425514	NA	NA
2135	NA	NA	11731.55	1024940	1.728589	NA	3.547639	NA	NA
2240	NA	NA	12056.15	1089209	1.730063	NA	3.669127	NA	NA
2290	NA	NA	12217.22	1157033	1.736424	NA	3.789747	NA	NA
2363	NA	NA	12626.99	1227601	1.726701	NA	3.9093	NA	NA
2463	NA	NA	19040.04	1299683	1.688412	NA	4.027615	NA	NA
2519	NA	NA	20868.74	1372318	1.630453	0.20443	4.144556	2616.6	25.83544
2502	NA	NA	17364.4	1442991	1.598485	0.202901	4.260025	2616.133	26.03931
2579	NA	NA	14277.63	1511314	1.546932	0.200815	4.37396	2615.724	26.24815
2580	NA	NA	13203.17	1580638	1.478833	0.198204	4.486339	2615.361	26.47694
2607	NA	NA	13103.55	1655833	1.410468	0.19504	4.597177	2615.035	26.71691
2532	NA	NA	12330.47	1738994	1.359809	0.191271	4.70653	2614.738	26.97239
2569	NA	NA	9750.903	1836105	1.336797	0.186979	4.814489	2614.271	27.22628
2614	NA	NA	11512.05	1942810	1.337702	0.182025	4.921182	2613.805	27.45495
2668	NA	NA	10148.92	2038885	1.346128	0.177746	5.026772	2613.334	27.63312
2708	NA	NA	11594.14	2096932	1.344202	0.174746	5.131452	2612.852	27.79056

2029	40.36712	14.55202	8776.741	2099615	1.32872	0.172567	5.235445	2612.357	27.90564
1668	37.37158	13.70939	5407.97	2035661	1.407012	0.173591	5.339002	2610.566	27.89386
1967	34.29086	12.51247	NA	NA	1.449858	0.175796	5.442392	2607.378	27.88793
2189	33.3775	11.97224	NA	NA	1.453799	0.17889	5.545907	2602.666	27.88593
2579	33.42063	11.81724	NA	NA	1.424337	0.182013	5.649854	2596.29	27.87801
2824	35.07941	12.30075	16882.42	1610651	1.360382	0.184454	5.754549	2588.102	27.90789
2863	36.07547	12.49084	19300.86	1631740	1.358121	0.186329	5.860316	2579.691	28.05405
2925	37.19938	12.56884	17696.14	1715314	1.387268	0.186242	5.967484	2572.431	28.3036
2939	39.96112	13.23042	14126.88	1836353	1.438286	0.185443	6.076378	2566.556	28.56477
2998	42.25825	13.67949	15391.35	1957066	1.501687	0.184216	6.187317	2562.328	28.75045
3054	43.63141	13.86984	18389.38	2050741	1.575235	0.18318	6.300611	2560.05	28.90008
3129	45.51463	14.35421	16540.97	2109355	1.670368	0.183071	6.416553	2560.939	29.0005
3026	45.06508	14.13744	17789.42	2143833	1.784094	0.182865	6.535418	2563.552	29.05311
3063	44.23226	13.82594	22071.57	2169118	1.912897	0.182678	6.657458	2567.94	29.10419
3114	44.90468	13.90248	26921.08	2207939	2.042312	0.18181	6.782895	2574.138	29.1585
3206	45.22476	13.76483	35490.26	2276623	2.158284	0.180632	6.911921	2582.161	29.19052
3230	45.68281	13.59119	42717.56	2377258	2.147011	0.179346	7.044695	2590.762	29.22115
3219	47.79785	13.92669	45793.98	2503410	2.115035	0.178561	7.181337	2598.83	29.24145
3140	48.8962	13.90318	55572	2652340	2.071265	0.177712	7.321929	2606.157	29.23992
3116	47.93347	13.32378	37567.3	2818939	2.028281	0.176601	7.466514	2612.516	29.24217
3144	45.98804	12.54755	38497.62	2998083	1.99344	0.175006	7.615094	2617.654	29.29893
3167	43.11218	11.55258	48268.59	3191051	1.981855	0.173681	7.767632	2621.295	29.39306
3100	41.39297	10.88706	51264.07	3395556	1.981296	0.171705	7.924053	2624.484	29.50794
3164	39.36255	10.16223	48399.81	3598385	1.991254	0.169594	8.084246	2626.14	29.63515
3105	39.34765	9.967002	42996.32	3782450	2.015863	0.167525	8.248067	2627.449	29.766
3071	37.01516	9.205023	29109.07	3935794	2.064107	0.165599	8.415344	2628.359	29.92199
3071	36.62656	8.970248	27368.29	4052584	2.194797	0.16452	8.585879	2628.817	30.02259
3053	35.99164	8.727734	29040.36	4136528	2.345204	0.16452	8.759452	2628.771	30.02259
2416	27.93851	13.86478	513.0359	4515400	5.259656	0.181689	10.37571	8265.298	24.21208
2259	28.54517	14.18859	449.0658	4516700	5.387369	0.179756	10.46287	8268.787	24.23676
2254	29.30515	14.6673	372.3078	4515100	5.467933	0.176364	10.54677	8272.864	24.23344
2244	28.11498	14.13738	364.2265	4560400	5.47852	0.172578	10.62748	8277.579	24.22209
2325	26.72392	13.39183	394.8601	4628400	5.532058	0.168744	10.70507	8277.587	24.21232
2468	25.98238	13.0082	376.4296	4696400	5.525712	0.165081	10.77964	8271.976	24.19069
2218	25.27542	12.57452	345.1381	4769000	5.492385	0.162626	10.85131	8260.189	24.17759
2262	24.79465	12.23124	258.0492	4840400	5.478501	0.161976	10.92021	8241.616	24.16611
2263	23.83791	11.62886	279.6204	4898400	5.506737	0.162355	10.98649	8215.586	24.16312
2340	23.84036	11.57931	308.4088	4945100	5.593591	0.163547	11.05031	8188.473	24.16354
2356	24.02816	11.56842	321.7266	4990700	5.695048	0.165254	11.11185	8166.006	24.17544
2486	24.64794	11.75363	380.5073	5043300	5.770361	0.167882	11.17129	8149.116	24.20948
2542	24.67148	11.62306	433.235	5104700	5.761733	0.170791	11.22883	8138.873	24.24581
2539	24.45889	11.43403	476.5521	5162600	5.642868	0.174155	11.28467	8136.497	24.29275
2417	24.50123	11.42991	543.1107	5218400	5.475771	0.17673	11.33903	8141.701	24.34023
2446	24.45372	11.33588	721.7687	5268400	5.243366	0.179508	11.39212	8148.161	24.3934
2439	24.49154	11.26504	966.3936	5318700	4.984024	0.182394	11.44415	8155.571	24.44584
2502	23.92578	10.93841	871.2244	5383300	4.738951	0.1855	11.49534	8163.508	24.49702
2553	23.27232	10.57676	880.0378	5447900	4.523289	0.188442	11.5459	8171.416	24.54047
2529	23.99405	10.78392	1123.883	5514600	4.454799	0.191144	11.59605	8178.578	24.61018
2546	23.57334	10.53061	1177.975	5607200	4.387116	0.192319	11.64599	8185.918	24.68426



2158	NA	NA	NA	NA	NA	NA	NA	NA	NA
2175	NA	NA	NA	NA	NA	NA	NA	NA	NA
2177	NA	NA	NA	NA	NA	NA	NA	NA	NA
2206	NA	NA	NA	NA	NA	NA	NA	NA	NA
2236	NA	NA	NA	NA	NA	NA	NA	NA	NA
2258	NA	NA	NA	NA	NA	NA	NA	NA	NA
2275	NA	NA	NA	NA	NA	NA	NA	NA	NA
2283	NA	NA	NA	NA	NA	NA	NA	NA	NA
2287	NA	NA	NA	NA	NA	NA	NA	NA	NA
2346	NA	NA	NA	NA	NA	NA	NA	NA	NA
2352	NA	NA	NA	NA	NA	NA	NA	NA	NA
2361	NA	NA	NA	NA	NA	NA	NA	NA	NA
2360	NA	NA	NA	NA	NA	NA	NA	NA	NA
1944	NA	NA	2170343	2.669163	NA	1.412205	NA	NA	NA
1913	NA	NA	2221122	2.718716	NA	1.466927	NA	NA	NA
1935	NA	NA	2273349	2.760377	NA	1.523534	NA	NA	NA
1986	NA	NA	2327137	2.79846	NA	1.582051	NA	NA	NA
2004	NA	NA	2382594	2.834809	NA	1.642498	NA	NA	NA
2025	NA	NA	2439196	2.893084	NA	1.704892	NA	NA	NA
2021	NA	NA	2496920	2.94659	NA	1.769243	NA	NA	NA
2017	NA	NA	2556852	2.992938	NA	1.835556	NA	NA	NA
1961	NA	NA	2620434	3.028926	NA	1.903829	NA	NA	NA
2000	NA	NA	2688428	3.053941	NA	1.974054	NA	NA	NA
1999	NA	NA	2762265	3.095938	NA	2.046215	NA	NA	NA
1991	NA	NA	2840841	3.125905	NA	2.120289	NA	NA	NA
1981	NA	NA	2919287	3.146659	NA	2.196244	NA	NA	NA
1947	NA	NA	2990965	3.162759	NA	2.274043	NA	NA	NA
1923	NA	NA	3051577	3.176554	NA	2.353638	NA	NA	NA
1936	NA	NA	3098973	3.250496	NA	2.434973	NA	NA	NA
2013	NA	NA	3135842	3.31981	NA	2.517984	NA	NA	NA
1948	NA	NA	3168843	3.383885	NA	2.602599	NA	NA	NA
1925	NA	NA	3207328	3.440247	NA	2.688738	NA	NA	NA
1947	NA	NA	3258144	3.488121	0.354949	2.776314	5566.833	21.06079	
1940	NA	NA	3323377	3.522592	0.347797	2.865231	5567.909	21.06519	
1960	NA	NA	3401242	3.546058	0.340949	2.955388	5568.852	21.07004	
1926	NA	NA	3489977	3.559393	0.334541	3.046679	5569.689	21.07548	
1897	NA	489.9487	3586381	3.563369	0.328736	3.138993	5570.443	21.08205	
1901	NA	641.7386	3687898	3.559155	0.32352	3.232213	5571.128	21.08896	
1927	NA	468.3242	3794043	3.570228	0.318895	3.326223	5572.203	21.09642	
1954	NA	278.4194	3905163	3.570145	0.314737	3.420903	5573.279	21.10489	
1889	NA	148.9844	4020295	3.561231	0.310969	3.516137	5574.367	21.11478	
1916	NA	172.5414	4138408	3.54634	0.30852	3.611807	5575.477	21.12435	
1995	21.03956	15.01542	203.256	4258472	3.527251	0.306681	3.707802	5576.62	21.13112
1961	21.31269	15.14848	234.7194	4380073	3.538662	0.305216	3.804014	5576.548	21.13639
1937	21.54418	15.2625	250.4922	4502363	3.544095	0.303792	3.900344	5575.116	21.14371
1929	21.77308	15.38014	287.1876	4623280	3.543134	0.302758	3.9967	5572.2	21.1499
1952	22.01968	15.49965	325.6292	4740380	3.535919	0.301905	4.093002	5567.664	21.1581
1938	22.26024	15.59985	363.4716	4851923	3.524005	0.301376	4.189181	5561.358	21.16691
1991	22.51928	15.69631	377.9713	4957180	3.541106	0.301487	4.285185	5554.473	21.18024



1918	NA	NA	NA	NA	NA	NA	NA	NA
1929	NA	NA	NA	NA	NA	NA	NA	NA
1915	NA	NA	NA	NA	NA	NA	NA	NA
1889	NA	NA	NA	NA	NA	NA	NA	NA
1882	NA	NA	NA	NA	NA	NA	NA	NA
1901	NA	NA	NA	NA	NA	NA	NA	NA
1920	NA	NA	NA	NA	NA	NA	NA	NA
1927	NA	NA	NA	NA	NA	NA	NA	NA
1884	NA	NA	NA	NA	NA	NA	NA	NA
1824	NA	NA	NA	NA	NA	NA	NA	NA
1857	NA	NA	NA	NA	NA	NA	NA	NA
1886	NA	NA	NA	NA	NA	NA	NA	NA
1855	NA	NA	NA	NA	NA	NA	NA	NA
1910	NA	NA	NA	NA	NA	NA	NA	NA
1862	NA	NA	NA	NA	NA	NA	NA	NA
1910	NA	NA	NA	NA	NA	NA	NA	NA
1948	NA	NA	NA	NA	NA	NA	NA	NA
1921	NA	NA	NA	NA	NA	NA	NA	NA
1918	NA	NA	NA	NA	NA	NA	NA	NA
1922	NA	NA	NA	NA	NA	NA	NA	NA
1935	NA	NA	NA	NA	NA	NA	NA	NA
1892	NA	NA	NA	NA	NA	NA	NA	NA
1919	NA	NA	NA	NA	NA	NA	NA	NA
1916	NA	NA	NA	NA	NA	NA	NA	NA
1928	NA	NA	NA	NA	NA	NA	NA	NA
1934	NA	NA	NA	NA	NA	NA	NA	NA
1916	NA	NA	NA	NA	NA	NA	NA	NA
1928	NA	NA	NA	NA	NA	NA	NA	NA
1929	NA	NA	NA	NA	NA	NA	NA	NA
1915	NA	NA	NA	NA	NA	NA	NA	NA
1901	NA	NA	NA	NA	NA	NA	NA	NA
1899	NA	NA	NA	NA	NA	NA	NA	NA
1916	NA	NA	NA	NA	NA	NA	NA	NA
1926	NA	NA	NA	NA	NA	NA	NA	NA
1952	NA	NA	NA	NA	NA	NA	NA	NA
1979	NA	NA	NA	NA	NA	NA	NA	NA
2018	NA	NA	NA	NA	NA	NA	NA	NA
2022	NA	NA	NA	NA	NA	NA	NA	NA
2053	NA	NA	NA	NA	NA	NA	NA	NA
2070	NA	NA	NA	NA	NA	NA	NA	NA
2096	NA	NA	NA	NA	NA	NA	NA	NA
2108	NA	NA	NA	NA	NA	NA	NA	NA
2122	NA	NA	NA	NA	NA	NA	NA	NA
2140	NA	NA	NA	NA	NA	NA	NA	NA
2168	NA	NA	NA	NA	NA	NA	NA	NA
2179	NA	NA	NA	NA	NA	NA	NA	NA
2211	NA	NA	NA	NA	NA	NA	NA	NA
2229	NA	NA	NA	NA	NA	NA	NA	NA
2239	NA	NA	NA	NA	NA	NA	NA	NA

2251	NA	NA	NA	NA	NA	NA	NA	NA	NA
2254	NA	NA	NA	NA	NA	NA	NA	NA	NA
2302	NA	NA	NA	NA	NA	NA	NA	NA	NA
2306	NA	NA	NA	NA	NA	NA	NA	NA	NA
2315	NA	NA	NA	NA	NA	NA	NA	NA	NA
2324	NA	NA	NA	NA	NA	NA	NA	NA	NA
2220	NA	NA	1864605	5.84231	NA	2.30023	NA	NA	NA
2226	NA	NA	1925276	5.697936	NA	2.435667	NA	NA	NA
2204	NA	NA	1984980	5.540207	NA	2.577051	NA	NA	NA
2221	NA	NA	2041207	5.396268	NA	2.724361	NA	NA	NA
2221	NA	NA	2092348	5.27895	NA	2.877544	NA	NA	NA
2212	NA	NA	2136636	5.219045	NA	3.036509	NA	NA	NA
2239	NA	NA	2174845	5.171771	NA	3.20113	NA	NA	NA
2275	NA	NA	2210959	5.134243	NA	3.371241	NA	NA	NA
2210	NA	NA	2250602	5.095703	NA	3.546636	NA	NA	NA
2222	NA	NA	2297389	5.048775	NA	3.727073	NA	NA	NA
2225	NA	NA	2353555	5.034342	NA	3.912269	NA	NA	NA
2214	NA	NA	2416735	5.005679	NA	4.101904	NA	NA	NA
2186	NA	NA	2480419	4.970894	NA	4.295623	NA	NA	NA
2191	NA	NA	2535497	4.942187	NA	4.493036	NA	NA	NA
2126	NA	NA	2575690	4.926175	NA	4.693722	NA	NA	NA
2146	NA	NA	2598354	5.044809	NA	4.897233	NA	NA	NA
2298	NA	NA	2606221	5.172585	NA	5.103097	NA	NA	NA
2309	NA	NA	2604865	5.291867	NA	5.310821	NA	NA	NA
2387	NA	NA	2602566	5.375387	NA	5.519897	NA	NA	NA
2503	NA	NA	2605293	5.407568	0.258636	5.729809	3312.736	24.40558	
2502	NA	NA	2615747	5.371697	0.254586	5.940034	3307.002	24.52952	
2619	NA	NA	2632276	5.299406	0.250433	6.150054	3301.985	24.64529	
2638	NA	NA	2651292	5.220738	0.24656	6.359357	3297.525	24.77447	
2630	NA	NA	2667220	5.173139	0.242981	6.567445	3293.511	24.91951	
2618	NA	NA	2676583	5.178281	0.239692	6.773839	3289.862	25.08601	
2640	NA	NA	2677280	5.252644	0.236664	6.97809	3284.133	25.26158	
2686	NA	NA	2672173	5.370536	0.233902	7.179776	3278.405	25.45155	
2767	NA	1241.684	2668585	5.527723	0.232394	7.378516	3272.613	25.62678	
2875	NA	1015.465	2676605	5.711265	0.23193	7.57397	3266.699	25.76452	
2880	53.83118	25.16588	1050.118	2703016	5.9084	0.232048	7.765845	3260.613	25.88711
2887	55.33306	25.26276	1704.08	2752462	6.008657	0.23293	7.953898	3253.71	25.99815
2893	57.40492	25.49069	2070.824	2821862	6.10448	0.234064	8.137941	3246.104	26.09518
2900	59.74051	25.71835	2737.726	2900854	6.193038	0.235561	8.31784	3237.732	26.16987
2900	61.42689	25.64234	3226.988	2974640	6.275348	0.237147	8.493518	3228.531	26.2388
2936	63.55374	25.73649	3863.262	3033394	6.355686	0.238814	8.664955	3218.435	26.31056
2931	65.23464	25.56142	4457.96	3070960	6.49266	0.240844	8.832186	3208.89	26.38536
3010	67.3887	25.41847	5093.291	3092670	6.635173	0.242207	8.995304	3200.617	26.47069
2998	69.53374	25.16706	5538.68	3113951	6.787454	0.243321	9.15445	3193.795	26.5415
3018	72.07127	25.22592	5509.346	3156646	6.947279	0.245659	9.309814	3188.625	26.62624
2929	75.3132	25.60508	5334.903	3235366	7.108315	0.24778	9.461633	3185.334	26.70441
2956	78.13549	25.72675	5253.123	3359859	7.110209	0.251127	9.61018	3186.835	26.77667
2917	81.41148	25.8504	5436.595	3522837	7.147648	0.254863	9.755763	3192.004	26.85448
2837	85.23395	26.04019	5425.669	3701464	7.219171	0.258932	9.898716	3201.059	26.91665



2821	88.6096	26.08682	5473.481	3863267	7.325147	0.263418	10.0394	3214.22	26.9878
2778	92.20357	26.26207	5390.208	3986852	7.465038	0.270208	10.17817	3231.711	27.04994
2781	96.36636	26.49344	5434.252	4057350	7.637029	0.277418	10.31542	3250.35	27.1131
2810	101.1664	26.66765	6086.795	4086466	7.820841	0.28348	10.45151	3267.143	27.17751
2764	106.2258	26.71123	7109.513	4111047	8.017982	0.287915	10.58682	3281.588	27.25554
2781	111.5542	26.79496	8480.989	4183156	8.216022	0.290075	10.7217	3293.119	27.3565
2766	115.6024	26.9071	8858.284	4337141	8.396245	0.289028	10.85648	3301.097	27.46172
2738	119.4563	27.21694	8734.189	4588368	8.322611	0.286718	10.99148	3304.806	27.55897
2696	122.9668	27.43283	8959.258	4916404	8.248041	0.283712	11.12696	3307.158	27.62422
2690	127.2315	27.69954	8807.901	5276102	8.180585	0.280094	11.26318	3308.501	27.68754
2623	131.2545	28.00705	8660.037	5603279	8.139948	0.27493	11.40033	3309.216	27.74188
2578	134.4497	28.25367	8529.514	5851479	8.142916	0.269458	11.53857	3309.354	27.79644
2552	137.052	28.43967	8571.126	6006668	8.319404	0.263671	11.67802	3309.091	27.8323
2542	138.3046	28.50492	8808.589	6082357	8.514117	0.263671	11.81875	3308.873	27.8323
1903	NA	NA	41.20121	866462	4.277049	NA	2.051887	NA	NA
1886	NA	NA	47.45022	882170	4.273779	NA	2.114664	NA	NA
1950	NA	NA	52.34431	898647	4.263966	NA	2.17867	NA	NA
1901	NA	NA	56.71294	915822	4.245803	NA	2.243897	NA	NA
1934	NA	NA	58.77857	933655	4.220831	NA	2.310332	NA	NA
1869	NA	NA	59.54475	952206	4.225661	NA	2.377964	NA	NA
1881	NA	NA	60.99854	971512	4.220535	NA	2.446781	NA	NA
1875	NA	NA	61.97209	991491	4.208308	NA	2.516769	NA	NA
1855	NA	NA	65.1835	1012015	4.192823	NA	2.587917	NA	NA
1886	NA	NA	66.53949	1033050	4.177049	NA	2.660209	NA	NA
1955	NA	NA	72.53249	1054453	4.19829	NA	2.733633	NA	NA
1901	NA	NA	75.17683	1076340	4.213631	NA	2.808174	NA	NA
1851	NA	NA	110.2417	1099235	4.219662	NA	2.883815	NA	NA
1972	NA	NA	134.2221	1123855	4.213978	NA	2.96054	NA	NA
1897	NA	NA	129.9808	1150635	4.194206	NA	3.038332	NA	NA
1976	NA	NA	125.16	1179723	4.184711	NA	3.117171	NA	NA
2070	NA	NA	159.6526	1210799	4.162954	NA	3.197038	NA	NA
2135	NA	NA	214.3877	1243352	4.132619	NA	3.277909	NA	NA
2109	NA	NA	227.2663	1276663	4.098889	NA	3.35976	NA	NA
2069	NA	NA	329.4065	1310118	4.063832	0.094929	3.442565	3759.532	22.75391
2127	NA	NA	323.1311	1343690	4.068051	0.09673	3.526295	3756.821	22.81602
2068	NA	NA	253.202	1377346	4.072397	0.098544	3.61092	3754.449	22.86794
2152	NA	NA	274.1695	1410439	4.079226	0.100458	3.696404	3752.341	22.91338
2119	NA	NA	231.0052	1442212	4.089413	0.102597	3.782714	3750.443	22.95694
2166	NA	NA	182.4673	1472192	4.100552	0.105057	3.86981	3748.718	22.99544
2164	NA	NA	212.595	1499861	4.131916	0.106982	3.957654	3746.01	23.03337
2125	NA	NA	264.035	1525460	4.162548	0.109391	4.046202	3743.302	23.06623
2143	NA	NA	303.4256	1550262	4.190517	0.112235	4.135413	3740.564	23.10862
2167	NA	NA	314.3388	1576022	4.210474	0.115109	4.225242	3737.768	23.15546
2168	17.52292	12.93009	371.8442	1603938	4.21924	0.117427	4.315646	3734.891	23.20492
2225	17.59267	12.91721	430.9097	1634517	4.239173	0.11907	4.406581	3731.368	23.25301
2219	17.79043	13.01245	498.4845	1667121	4.239644	0.120226	4.498006	3727.23	23.30261
2214	18.09484	13.18548	491.4205	1700362	4.232922	0.120939	4.589881	3722.422	23.35713
2246	18.62233	13.49612	506.9978	1732257	4.234418	0.121279	4.682168	3716.885	23.41562
2140	19.15884	13.79124	568.8164	1761359	4.24973	0.121248	4.774834	3710.557	23.46884

2212	19.76455	14.17306	529.367	1787273	4.317304	0.120225	4.86785	3703.735	23.53468
2249	20.7071	14.85414	551.2411	1810453	4.381832	0.11898	4.961194	3696.972	23.60018
2277	22.55522	16.20251	506.9946	1831298	4.436798	0.117718	5.054847	3690.33	23.66528
2307	24.37386	17.52425	493.2494	1850527	4.473753	0.119427	5.1488	3683.879	23.72741
2312	26.85477	19.23243	474.8198	1868699	4.48847	0.120955	5.243051	3677.705	23.79916
2334	28.19496	20.13899	437.819	1885955	4.527627	0.122916	5.337605	3675.186	23.86779
2357	29.5139	21.08971	407.8094	1902312	4.557402	0.124927	5.432476	3676.34	23.93402
2349	30.85881	22.07855	603.6363	1918097	4.573439	0.126724	5.527688	3681.494	23.9982
2376	31.33968	22.46787	781.5146	1933728	4.568585	0.128841	5.623273	3691.003	24.06491
2411	31.7031	22.70943	862.9463	1949543	4.540962	0.132723	5.719273	3705.244	24.12272
2434	31.69358	22.68615	915.7757	1965662	4.527737	0.136092	5.815739	3721.647	24.17873
2398	31.53859	22.60074	865.7993	1982287	4.490268	0.139016	5.912728	3736.794	24.22473
2396	31.75358	22.78386	879.2983	1999930	4.444606	0.141699	6.01031	3750.237	24.274
2403	31.1248	22.3897	878.1654	2019209	4.41148	0.143679	6.108557	3761.457	24.32679
2410	30.9067	22.2069	1157.341	2040551	4.40136	0.145539	6.207552	3769.858	24.39119
2386	31.06362	22.17036	1350.643	2064166	4.400373	0.147203	6.307382	3774.751	24.47721
2376	31.71289	22.49465	1281.612	2089928	4.408621	0.148346	6.408139	3778.599	24.5543
2384	32.19855	22.74844	1192.999	2117361	4.421164	0.149293	6.509917	3780.665	24.61158
2197	32.30755	22.75004	1218.466	2145785	4.43311	0.149711	6.612815	3782.126	24.66812
2027	32.31723	22.67135	1154.355	2174645	4.440081	0.148739	6.71693	3782.957	24.71894
1736	31.20547	21.85686	1054.269	2203821	4.475953	0.147455	6.822362	3783.2	24.76482
2173	29.67343	20.72863	1154.444	2233339	4.505809	0.147455	6.929205	3783.05	24.76482
2001	NA	NA	NA	1144986	2.391907	NA	0.690817	NA	NA
2040	NA	NA	NA	1170480	2.395	NA	0.729742	NA	NA
2121	NA	NA	NA	1196890	2.386602	NA	0.770551	NA	NA
2147	NA	NA	NA	1224344	2.368534	NA	0.813284	NA	NA
2124	NA	NA	NA	1252972	2.342111	NA	0.857974	NA	NA
2259	NA	NA	NA	1282814	2.369011	NA	0.904653	NA	NA
2162	NA	NA	NA	1313941	2.386256	NA	0.953344	NA	NA
2217	NA	NA	NA	1346491	2.394075	NA	1.004063	NA	NA
2089	NA	NA	NA	1380637	2.392809	NA	1.05682	NA	NA
2349	NA	NA	NA	1416529	2.383855	NA	1.111617	NA	NA
2427	NA	NA	NA	1454198	2.41549	NA	1.168448	NA	NA
2309	NA	NA	NA	1493711	2.438089	NA	1.227296	NA	NA
2337	NA	NA	NA	1535229	2.452924	NA	1.288136	NA	NA
2352	NA	NA	NA	1578952	2.462899	NA	1.350932	NA	NA
2242	NA	NA	NA	1625013	2.469334	NA	1.415639	NA	NA
2349	NA	NA	NA	1672300	2.512767	NA	1.4822	NA	NA
2477	NA	NA	NA	1720489	2.55224	NA	1.55055	NA	NA
2457	NA	NA	NA	1771256	2.587599	NA	1.620613	NA	NA
2502	NA	NA	NA	1826881	2.616591	NA	1.692305	NA	NA
2428	NA	NA	NA	1888314	2.639444	0.084373	1.765533	5650.944	23.4707
2466	NA	NA	NA	1957456	2.678477	0.08341	1.8402	5654.63	23.50983
2507	NA	NA	NA	2031850	2.707975	0.082423	1.916199	5657.856	23.55052
2368	NA	NA	NA	2102911	2.731927	0.08145	1.993423	5660.724	23.58205
2341	NA	NA	NA	2159089	2.757089	0.080556	2.07176	5663.304	23.61143
2384	NA	NA	NA	2192555	2.788756	0.079733	2.151101	5665.65	23.63779
2435	NA	NA	NA	2201833	2.850988	0.078927	2.231334	5669.334	23.6604
2430	NA	NA	NA	2191023	2.900791	0.07819	2.312354	5673.016	23.67664

2512	NA	NA	NA	2165090	2.936552	0.077558	2.394058	5676.741	23.70918
2533	NA	NA	NA	2131525	2.953097	0.077209	2.476353	5680.543	23.7454
2116	17.95907	13.0226	NA	2097232	2.945406	0.077014	2.559152	5684.456	23.76082
2310	18.33587	13.18247	NA	2060267	2.996845	0.076738	2.64238	5687.132	23.76683
2251	18.43871	13.29387	NA	2022729	3.036047	0.076543	2.725975	5688.337	23.7553
2068	18.56244	13.32894	NA	2000248	3.059221	0.076446	2.809885	5687.938	23.71866
2013	18.9222	13.52816	NA	2012885	3.058049	0.076397	2.894077	5685.784	23.65774
1933	18.57361	13.44331	NA	2073482	3.022886	0.076345	2.978531	5681.709	23.574
1950	18.94061	13.71133	NA	2191179	3.018329	0.076299	3.063245	5676.137	23.47409
2125	18.5418	13.59172	NA	2358469	3.019925	0.076366	3.148233	5670.425	23.41277
2084	18.47178	13.47768	NA	2551062	3.028778	0.076563	3.233528	5664.692	23.38003
2045	18.2685	13.30729	NA	2734518	3.051946	0.075895	3.319183	5659.084	23.40796
2077	18.38729	13.24877	302.9965	2884522	3.096388	0.075516	3.405265	5653.772	23.48997
1989	18.52121	13.20993	302.8954	2991132	3.089666	0.075136	3.491864	5651.885	23.58069
2013	18.9955	13.33978	302.658	3062863	3.076533	0.074866	3.579084	5653.264	23.69576
2003	19.19007	13.34657	240.0334	3116233	3.060105	0.074474	3.667049	5658.218	23.76996
2040	19.57966	13.50264	282.3939	3176414	3.040315	0.074123	3.755899	5667.074	23.84674
2112	19.82719	13.60865	290.9945	3261230	3.015089	0.073658	3.845788	5680.175	23.93835
2060	20.29721	13.88585	331.4733	3375838	3.031869	0.072932	3.936887	5695.311	24.04858
2089	20.60648	14.12953	390.8416	3512932	3.050472	0.071185	4.029378	5709.424	24.19878
2167	20.94285	14.38772	471.1994	3662993	3.065335	0.069421	4.123457	5722.126	24.37038
2169	21.43999	14.72537	463.856	3811528	3.072311	0.06771	4.219327	5732.963	24.54419
2122	21.88767	14.97508	506.063	3948125	3.071661	0.066027	4.317203	5741.41	24.70889
2188	22.01573	15.09727	589.165	4070167	3.073019	0.064556	4.417301	5746.865	24.86327
2154	22.8101	15.52166	650.7136	4181563	3.061128	0.063526	4.519844	5751.44	24.96777
2155	23.37112	15.82311	715.537	4286291	3.044124	0.062766	4.625055	5753.85	25.05053
2103	23.47903	15.88699	716.0529	4390737	3.03038	0.062475	4.733156	5755.675	25.11014
2060	23.77307	16.05442	706.0595	4499621	3.023544	0.062251	4.844364	5756.855	25.14575
2059	24.03684	16.17766	710.436	4613823	3.03954	0.062064	4.958889	5757.364	25.15926
2069	24.15389	16.17455	694.3196	4731906	3.056992	0.062064	5.07693	5757.252	25.15926
2761	46.8522	17.14927	NA	3700114	11.44608	0.230857	12.63231	6824.158	25.58881
2580	52.22571	19.10356	NA	3682613	11.73886	0.225772	12.70042	6819.184	25.64178
2565	54.52319	20.08699	NA	3657144	12.02258	0.222519	12.76566	6814.945	25.66854
2575	53.38004	19.86713	2168.796	3629102	12.28919	0.223257	12.82806	6811.521	25.69057
2784	50.94152	18.97091	2328.154	3601613	12.65109	0.225678	12.88769	6804.974	25.72745
2906	48.01925	17.93175	2830.738	3575137	12.98806	0.229562	12.94462	6794.372	25.76899
2883	48.85681	18.07788	3166.896	3549331	13.30476	0.234062	12.99893	6779.29	25.80584
2865	48.5415	17.75533	3113.546	3524238	13.60963	0.238359	13.05074	6759.261	25.82133
2899	49.71956	17.94004	3297.355	3499536	13.90848	0.240539	13.10015	6733.768	25.85721
2947	52.38732	18.69997	3530.147	3470818	14.3354	0.24008	13.14729	6707.624	25.90994
3004	50.59978	18.00815	4146.988	3443067	14.76062	0.239099	13.19231	6685.083	25.97489
3052	51.84972	18.49203	5505.536	3415213	15.18294	0.239478	13.23535	6666.84	26.06719
3104	50.99286	18.06923	6706.967	3377075	15.59422	0.241186	13.27658	6653.694	26.163
3189	54.19734	18.93936	7863.162	3322528	15.98543	0.243366	13.31618	6646.558	26.27431
3165	56.80099	19.42992	9240.643	3269909	16.31909	0.242455	13.35432	6646.474	26.36375
3264	59.34926	20.01956	12297.92	3231294	16.61316	0.240257	13.3912	6648.76	26.44967
3179	59.4414	19.87969	14961.57	3198231	16.86718	0.237895	13.42703	6653.302	26.53633
3137	52.51221	17.52825	11837.39	3162916	17.08447	0.236429	13.46199	6659.915	26.58197
3031	52.76657	17.41942	11984.87	3097282	17.27097	0.235829	13.4963	6668.324	26.63487



2126	NA	NA	NA	NA	NA	NA	NA	NA	NA
2131	NA	NA	NA	NA	NA	NA	NA	NA	NA
2160	NA	NA	NA	NA	NA	NA	NA	NA	NA
2196	NA	NA	NA	NA	NA	NA	NA	NA	NA
2235	NA	NA	NA	NA	NA	NA	NA	NA	NA
2243	NA	NA	NA	NA	NA	NA	NA	NA	NA
2248	NA	NA	NA	NA	NA	NA	NA	NA	NA
2270	NA	NA	NA	NA	NA	NA	NA	NA	NA
2278	NA	NA	NA	NA	NA	NA	NA	NA	NA
2260	NA	NA	NA	NA	NA	NA	NA	NA	NA
2283	NA	NA	NA	NA	NA	NA	NA	NA	NA
2298	NA	NA	NA	NA	NA	NA	NA	NA	NA
2302	NA	NA	NA	NA	NA	NA	NA	NA	NA
2330	NA	NA	NA	NA	NA	NA	NA	NA	NA
2367	NA	NA	NA	NA	NA	NA	NA	NA	NA
3342	105.916	25.73178	48736	436300	14.07374	0.246887	12.96742	4786.234	25.7408
3349	104.371	25.06538	48179.42	441525	14.17658	0.244808	13.03009	4776.843	25.82098
3359	103.4453	24.31406	52930.64	446175	14.26353	0.242503	13.09308	4772.36	25.88355
3360	101.4195	23.34683	65445.89	451630	14.33464	0.239606	13.15631	4773.311	25.92279
3355	100.2293	22.71315	75716.35	458095	14.38762	0.235906	13.21973	4780.284	25.95904
3377	100.189	22.34442	80289.7	465158	14.4207	0.231161	13.28326	4793.933	25.99869
3382	101.1626	22.34407	89739.71	472637	14.3326	0.226172	13.34683	4811.84	26.01175
3385	101.0269	22.00681	106018.5	479993	14.22938	0.221919	13.41034	4829.082	26.03273
3397	101.9216	21.95279	114293.8	488650	14.1256	0.21761	13.47373	4845.153	26.08384
3386	103.7261	22.16343	103198.7	497783	14.0425	0.21337	13.53691	4859.452	26.11062
3398	105.8319	22.4883	104965.3	506953	13.99302	0.209846	13.59981	4871.27	26.1651
3389	104.3267	22.07288	115761.5	518347	13.95601	0.20637	13.66234	4879.775	26.21717
3412	103.0357	21.70538	106749	530946	13.94193	0.203066	13.72442	4887.425	26.24782
3387	103.04	21.57	113625.1	543360	13.94696	0.199993	13.786	4891.395	26.29493
3238	103.1668	21.44073	119225.4	556319	13.96401	0.197592	13.847	4894.603	26.34032
3180	102.9009	21.21108	101446.8	569604	13.99422	0.196198	13.90735	4896.888	26.37876
3222	98.89229	20.26207	100738.7	582014	14.1484	0.195001	13.96701	4898.078	26.40498
3242	96.83152	19.82789	104103	599449	14.31181	0.195001	14.02592	4897.995	26.40498
2358	NA	NA	133.8476	5223568	3.290165	NA	0.941738	NA	NA
2337	NA	NA	138.1198	5352503	3.302212	NA	0.988975	NA	NA
2392	NA	NA	138.4072	5486319	3.30513	NA	1.038314	NA	NA
2448	NA	NA	142.6593	5625164	3.307548	NA	1.089791	NA	NA
2423	NA	NA	144.4847	5769218	3.313257	NA	1.143434	NA	NA
2384	NA	NA	152.1078	5918595	3.351893	NA	1.19926	NA	NA
2420	NA	NA	157.4764	6073526	3.384426	NA	1.257277	NA	NA
2464	NA	NA	165.4785	6234465	3.414295	NA	1.317478	NA	NA
2477	NA	NA	165.0116	6401921	3.445044	NA	1.379845	NA	NA
2430	NA	NA	169.0706	6576305	3.477469	NA	1.444345	NA	NA
2482	NA	NA	177.4984	6757850	3.540209	NA	1.510928	NA	NA
2436	NA	NA	193.1286	6946620	3.599261	NA	1.579531	NA	NA
2404	NA	NA	231.4362	7142627	3.644023	NA	1.650071	NA	NA
2452	NA	NA	261.0353	7345780	3.661122	NA	1.722451	NA	NA
2429	NA	NA	302.1495	7556026	3.645594	NA	1.796555	NA	NA
2471	NA	NA	280.679	7773449	3.627219	NA	1.87225	NA	NA

2344	NA	NA	294.934	7998164	3.58371	NA	1.949391	NA	NA
2346	NA	NA	324.3845	8230218	3.521912	NA	2.027813	NA	NA
2307	NA	NA	408.9374	8469672	3.448611	NA	2.107342	NA	NA
2329	NA	NA	463.7315	8716553	3.36804	0.134766	2.187789	8519.543	20.70966
2336	NA	NA	400.7056	8971345	3.322523	0.134541	2.268958	8516.427	20.71449
2164	NA	NA	381.8658	9234129	3.270346	0.134217	2.350642	8513.702	20.71848
2335	NA	NA	369.4729	9504281	3.216287	0.133779	2.432634	8511.279	20.72262
2317	NA	NA	300.5341	9780872	3.16573	0.133271	2.514721	8509.099	20.72808
2301	NA	NA	283.9858	10063495	3.121798	0.132645	2.596691	8507.116	20.7324
2294	NA	NA	314.7461	10352120	3.102843	0.131963	2.678339	8504.004	20.73556
2211	NA	NA	240.9555	10647754	3.085007	0.13123	2.759464	8500.893	20.73631
2114	NA	NA	223.0113	10952395	3.067128	0.130404	2.839875	8497.746	20.73558
2122	NA	NA	221.682	11268658	3.047444	0.129332	2.919395	8494.533	20.7331
2130	21.04572	15.67075	265.6761	11598633	3.025175	0.128271	2.997864	8491.227	20.72883
2030	21.18228	15.7215	222.1537	11942819	3.027392	0.127289	3.075138	8488.186	20.7218
2036	21.38322	15.82062	245.8643	12301336	3.024834	0.126374	3.151096	8485.535	20.71214
2023	21.8778	16.13184	265.9345	12675460	3.019188	0.125528	3.225639	8483.313	20.70113
1962	21.13889	15.55159	227.8369	13066543	3.012166	0.124766	3.298693	8481.559	20.68942
1952	21.05042	15.4535	234.4941	13475400	3.004638	0.124004	3.370212	8480.324	20.67922
1945	20.99165	15.36168	287.3566	13902688	3.007059	0.123115	3.440179	8476.463	20.67139
1953	21.32599	15.54055	247.1294	14347854	3.00454	0.122285	3.508604	8469.331	20.6676
1936	21.47162	15.56368	252.4652	14808791	2.996781	0.121575	3.575529	8458.593	20.66937
1935	21.09919	15.19773	243.2528	15282521	2.98365	0.120565	3.641026	8443.883	20.67789
1936	21.21044	15.19359	245.9391	15766806	2.965838	0.119821	3.705197	8424.798	20.68919
1941	21.17976	15.06766	278.5557	16260932	2.964492	0.119138	3.768176	8406.096	20.70341
1911	21.68543	15.31542	262.2859	16765117	2.959496	0.118707	3.830126	8391.249	20.71695
1915	21.94617	15.35949	316.7999	17279141	2.94995	0.118353	3.89124	8380.904	20.73381
1915	22.13833	15.35948	245.1236	17802997	2.934169	0.117965	3.951741	8375.8	20.74814
1997	21.70257	14.95654	274.8197	18336724	2.912363	0.117626	4.011877	8376.773	20.76405
2020	21.38889	14.71907	292.1507	18880268	2.904138	0.117186	4.071925	8384.07	20.77663
2026	21.1563	14.54166	377.8483	19433523	2.889944	0.116351	4.132185	8393.029	20.78926
1992	21.33254	14.64961	470.7333	19996469	2.872157	0.115298	4.192982	8403.448	20.80434
1990	21.60193	14.82943	415.6893	20569121	2.852825	0.114214	4.254661	8415.054	20.81888
1996	21.69472	14.87923	412.7309	21151640	2.833776	0.112941	4.317587	8427.476	20.83354
2012	21.7472	14.86327	454.9635	21743949	2.825439	0.111881	4.382141	8440.235	20.85678
1991	21.84665	14.89291	443.9061	22346573	2.815233	0.110786	4.448721	8453.492	20.88065
1990	22.08201	15.02	461.7231	22961146	2.809146	0.10965	4.517735	8460.137	20.90239
1908	22.37651	15.16859	452.4632	23589801	2.814254	0.108572	4.589599	8466.179	20.92394
1853	22.7141	15.32458	402.0883	24234088	2.834053	0.107732	4.664737	8471.167	20.94466
1849	23.02029	15.43841	401.7423	24894551	2.877911	0.107008	4.743574	8474.386	20.96179
1819	23.19169	15.46268	449.7224	25570895	2.929499	0.107008	4.826533	8474.597	20.96179
1988	NA	NA	47.18255	3700023	2.702929	NA	1.114994	NA	NA
1985	NA	NA	48.38665	3784439	2.680979	NA	1.16199	NA	NA
2080	NA	NA	49.27954	3872118	2.654723	NA	1.210474	NA	NA
2185	NA	NA	49.13339	3963417	2.625462	NA	1.260463	NA	NA
2217	NA	NA	56.53459	4058673	2.594641	NA	1.311974	NA	NA
2195	NA	NA	62.62314	4158124	2.60074	NA	1.365027	NA	NA
2147	NA	NA	63.30705	4262005	2.604126	NA	1.419636	NA	NA
2213	NA	NA	56.09459	4370650	2.598492	NA	1.475819	NA	NA

2187	NA	NA	59.274	4484439	2.576287	NA	1.533589	NA	NA
2284	NA	NA	63.10797	4603723	2.535578	NA	1.592962	NA	NA
2331	NA	NA	77.27001	4728703	2.511894	NA	1.65395	NA	NA
2300	NA	NA	83.55874	4859610	2.474952	NA	1.716565	NA	NA
2356	NA	NA	88.91075	4996940	2.432749	NA	1.780815	NA	NA
2347	NA	NA	106.7107	5141202	2.393837	NA	1.846708	NA	NA
2320	NA	NA	115.8592	5292808	2.363093	NA	1.914248	NA	NA
2306	NA	NA	122.888	5454705	2.361943	NA	1.983436	NA	NA
2282	NA	NA	143.2761	5627533	2.361372	NA	2.054271	NA	NA
2252	NA	NA	163.4337	5806845	2.363745	NA	2.126743	NA	NA
2196	NA	NA	176.7809	5986332	2.372388	NA	2.200843	NA	NA
2142	NA	NA	200.8177	6163080	2.388789	0.126087	2.276552	8304.585	22.0813
2179	NA	NA	195.6021	6327569	2.429211	0.125695	2.353848	8304.517	22.08376
2183	NA	NA	181.9898	6484452	2.473409	0.125227	2.432699	8304.457	22.08317
2078	NA	NA	183.6242	6661358	2.513542	0.124721	2.51307	8304.404	22.07941
1984	NA	NA	175.1771	6895928	2.538904	0.124239	2.594917	8304.356	22.07618
1993	NA	NA	156.8897	7211105	2.544561	0.123731	2.678188	8304.313	22.07237
1926	NA	NA	155.2272	7625305	2.572933	0.123405	2.762826	8304.244	22.06614
1892	NA	NA	145.6996	8120093	2.594281	0.122927	2.848765	8304.176	22.05789
1882	NA	NA	159.7701	8636935	2.614585	0.122442	2.935934	8304.107	22.04919
1829	NA	NA	174.8514	9094671	2.641745	0.122026	3.024257	8304.037	22.0406
1781	13.51568	10.48248	199.2859	9437553	2.680102	0.121752	3.113653	8303.964	22.03191
1766	13.80496	10.66536	228.5563	9641153	2.746331	0.121737	3.204037	8303.206	22.0261
1657	14.34243	11.03936	184.9506	9729717	2.816731	0.121799	3.295323	8301.701	22.01994
1748	14.88697	11.41498	212.2455	9755857	2.889598	0.121995	3.387426	8299.383	22.02329
1752	15.51349	11.82692	120.6293	9796976	2.959444	0.122297	3.480263	8296.177	22.03163
1845	16.17332	12.19247	141.0279	9909088	3.021408	0.122588	3.573753	8292.002	22.04866
1866	16.60301	12.44611	225.6263	10109789	2.998351	0.12223	3.667822	8284.128	22.07802
1902	16.72005	12.47638	256.5277	10381862	2.968302	0.121789	3.762405	8272.962	22.12856
1982	16.79062	12.47649	163.5335	10704744	2.932849	0.121148	3.857446	8258.274	22.1853
2059	16.3644	12.12657	160.799	11044356	2.895416	0.119991	3.952901	8239.818	22.24895
2093	15.95498	11.79338	153.2595	11376172	2.858536	0.118709	4.04874	8217.332	22.31322
2116	15.3645	11.33126	146.7615	11695863	2.852521	0.117097	4.144949	8195.908	22.37685
2055	14.95271	10.97781	290.9799	12013711	2.845524	0.11546	4.241529	8178.625	22.44
2045	14.69955	10.72506	260.1053	12336687	2.838242	0.113895	4.338502	8166.158	22.49857
2042	14.42571	10.44442	274.2256	12676038	2.830261	0.111748	4.435905	8159.265	22.53401
2067	14.02798	10.09218	280.3674	13039711	2.821259	0.110767	4.533798	8158.795	22.56835
2140	13.74477	9.837183	297.7096	13429262	2.839076	0.110091	4.63226	8164.394	22.60278
2170	13.52993	9.627419	320.2765	13840969	2.852907	0.10961	4.731387	8171.145	22.63564
2186	13.46164	9.52415	372.8488	14271234	2.865281	0.109306	4.831298	8178.775	22.66811
2191	13.49713	9.494606	420.7472	14714602	2.88003	0.109198	4.93213	8186.927	22.69441
2206	13.84547	9.654758	458.8654	15167095	2.898551	0.109452	5.034037	8195.143	22.71852
2270	14.13962	9.758484	512.1702	15627618	2.923568	0.109956	5.137189	8202.842	22.75216
2215	14.49906	9.918006	374.5029	16097305	2.955184	0.110356	5.241774	8210.732	22.78311
2283	14.80596	10.06631	332.921	16577147	2.985538	0.110628	5.34799	8214.725	22.81135
2529	15.15368	10.23789	354.319	17068838	3.003591	0.110798	5.456046	8218.305	22.84486
2525	15.5612	10.44478	362.6582	17573607	3.004699	0.11086	5.56616	8221.202	22.87935
2480	15.97262	10.64902	300.3077	18091575	3.000369	0.110846	5.678557	8223.016	22.90816
2566	16.13854	10.6967	338.4844	18622104	2.979185	0.110846	5.793461	8223.11	22.90816

2138	NA	NA	225.9164	8418460	3.382875	NA	2.534423	NA	NA
2207	NA	NA	230.2479	8692815	3.340817	NA	2.621353	NA	NA
2242	NA	NA	279.7084	8974084	3.299902	NA	2.710621	NA	NA
2176	NA	NA	289.005	9253963	3.253622	NA	2.802212	NA	NA
2168	NA	NA	310.3278	9526563	3.200241	NA	2.896102	NA	NA
2146	NA	NA	321.0975	9789982	3.216114	NA	2.99226	NA	NA
2168	NA	NA	317.4289	10046172	3.227259	NA	3.090646	NA	NA
2157	NA	NA	323.4082	10297801	3.240352	NA	3.191212	NA	NA
2242	NA	NA	347.3787	10549226	3.264875	NA	3.293905	NA	NA
2245	NA	NA	357.6619	10803978	3.305023	NA	3.398661	NA	NA
2269	NA	NA	383.6748	11062338	3.372551	NA	3.505413	NA	NA
2257	NA	NA	445.3512	11324251	3.440422	NA	3.614086	NA	NA
2317	NA	NA	661.0193	11592698	3.500376	NA	3.724601	NA	NA
2342	NA	NA	799.9232	11871233	3.543642	NA	3.836875	NA	NA
2312	NA	NA	764.5551	12162369	3.567175	NA	3.950823	NA	NA
2346	NA	NA	886.2155	12468893	3.582499	NA	4.066357	NA	NA
2300	NA	NA	1027.274	12790546	3.585773	NA	4.18339	NA	NA
2354	NA	NA	1246.536	13123069	3.583704	NA	4.301836	NA	NA
2404	NA	NA	1576.029	13460201	3.583513	NA	4.421608	NA	NA
2407	NA	NA	1774.736	13798125	3.589162	0.229436	4.542627	4041.691	22.68337
2454	NA	NA	1769.127	14133840	3.620962	0.228878	4.664814	4040.362	22.72686
2443	NA	NA	1852.331	14470633	3.650303	0.228084	4.788097	4039.198	22.77043
2422	NA	NA	2047.883	14818617	3.674722	0.227089	4.912411	4038.164	22.80304
2456	NA	NA	2234.356	15191625	3.691165	0.225991	5.037694	4037.233	22.82886
2327	NA	NA	2000.146	15598942	3.699353	0.22485	5.163895	4036.387	22.8583
2310	NA	NA	1728.544	16045047	3.706876	0.224067	5.290967	4035.059	22.90528
2303	NA	NA	1947.442	16525108	3.703667	0.223149	5.418872	4033.73	22.9571
2258	NA	NA	2071.455	17027588	3.693647	0.22206	5.54758	4032.387	23.01299
2300	NA	NA	2215.365	17535971	3.684227	0.220403	5.677065	4031.016	23.06785
2303	32.56461	18.12781	2440.592	18038321	3.681695	0.218672	5.807309	4029.605	23.11034
2292	32.55419	17.95142	2652.144	18529454	3.705004	0.216711	5.938301	4027.344	23.14514
2409	32.81017	17.84774	3111.977	19012724	3.733331	0.214608	6.070033	4024.202	23.1873
2417	33.26281	17.73586	3431.37	19494967	3.761863	0.212727	6.202502	4020.098	23.25564
2425	33.37096	17.40613	3726.341	19986894	3.78457	0.210804	6.335708	4014.944	23.34551
2456	34.2284	17.4884	4328	20495597	3.800309	0.209081	6.469653	4008.65	23.4336
2416	34.62094	17.39366	4797.291	21023321	3.821528	0.207583	6.60434	4002.955	23.53822
2451	34.72226	17.1516	4637.32	21565325	3.831526	0.206043	6.739774	3998.787	23.66058
2444	34.85867	16.86745	3263.521	22113464	3.841198	0.204285	6.875956	3996.366	23.75073
2468	36.97124	17.3379	3493.465	22656286	3.864804	0.20208	7.012887	3995.937	23.81949
2451	38.11474	17.62777	4045.17	23185608	3.909744	0.199906	7.150564	3997.778	23.92927
2410	37.8298	17.29673	3915.115	23698907	4.022067	0.197582	7.288982	4002.962	24.04993
2399	39.15343	17.47226	4167.364	24198811	4.134435	0.195143	7.42813	4009.899	24.15261
2415	40.81635	17.78499	4463.676	24688703	4.230648	0.192655	7.567993	4018.608	24.2248
2492	41.80211	17.80017	4955.478	25174109	4.312836	0.189663	7.70855	4029.093	24.29153
2498	42.79911	17.83096	5593.823	25659393	4.402957	0.187328	7.849774	4041.333	24.36006
2463	44.16509	18.0382	6222.983	26143566	4.545141	0.186518	7.991632	4053.787	24.42284
2460	44.75583	18.05099	7269.171	26625845	4.674567	0.186548	8.134086	4065.406	24.46409
2408	45.12631	18.07928	8513.63	27111069	4.77723	0.18696	8.277091	4075.955	24.52829
2452	46.60912	18.45492	7326.744	27605383	4.857766	0.187545	8.420594	4085.175	24.59576



2486	47.4309	18.53102	9071.357	28112289	4.93624	0.188079	8.564541	4092.785	24.68568
2500	48.1898	18.42032	10405.12	28635128	5.097201	0.188232	8.708869	4098.479	24.79391
2500	50.49376	18.81292	10779.51	29170456	5.275564	0.18788	8.85351	4103.557	24.91897
2512	52.38026	19.02011	10882.29	29706724	5.466729	0.18717	8.998395	4106.172	25.03119
2389	54.85768	19.42952	11183.73	30228017	5.663474	0.186187	9.143449	4108.278	25.14206
2470	55.59086	19.31343	9655.137	30723155	5.862598	0.185044	9.288594	4109.79	25.20819
2449	56.97607	19.52037	9515.194	31187265	6.076294	0.183688	9.433751	4110.596	25.28659
2511	57.57844	19.41457	9951.544	31624264	6.292602	0.183688	9.578837	4110.545	25.28659
1208	NA	NA	NA	92350	2.576069	NA	1.929121	NA	NA
1233	NA	NA	NA	94938	2.558512	NA	1.996527	NA	NA
1226	NA	NA	NA	97584	2.531153	NA	2.064111	NA	NA
1249	NA	NA	NA	100214	2.501646	NA	2.13174	NA	NA
1355	NA	NA	NA	102766	2.4512	NA	2.199287	NA	NA
1398	NA	NA	NA	105190	2.448902	NA	2.266633	NA	NA
1436	NA	NA	NA	107538	2.431699	NA	2.333671	NA	NA
1434	NA	NA	NA	109959	2.410899	NA	2.400307	NA	NA
1400	NA	NA	NA	112651	2.395895	NA	2.466461	NA	NA
1485	NA	NA	NA	115768	2.384079	NA	2.532067	NA	NA
1451	NA	NA	NA	119378	2.382349	NA	2.597079	NA	NA
1393	NA	NA	NA	123441	2.388185	NA	2.66147	NA	NA
1559	NA	NA	NA	127791	2.393752	NA	2.725233	NA	NA
1519	NA	NA	NA	132195	2.397216	NA	2.788381	NA	NA
1508	NA	NA	NA	136519	2.403328	NA	2.850949	NA	NA
1670	NA	NA	NA	140665	2.447659	NA	2.912996	NA	NA
1696	NA	NA	NA	144736	2.490051	NA	2.974601	NA	NA
1780	NA	NA	NA	148892	2.532708	NA	3.035868	NA	NA
1872	NA	NA	NA	153386	2.564119	NA	3.096921	NA	NA
1979	NA	NA	268.1035	158385	2.590523	0.226196	3.157905	4970.524	21.90805
1996	NA	NA	273.1659	163935	2.619941	0.225155	3.218987	4963.185	21.95897
2045	NA	NA	282.0419	169960	2.634738	0.224283	3.280352	4956.763	22.01321
2016	NA	NA	327.9151	176356	2.643517	0.223531	3.342203	4951.054	22.06649
2015	NA	NA	598.5338	182953	2.649861	0.222775	3.404759	4945.917	22.12229
2020	NA	NA	670.5175	189637	2.664564	0.222	3.468251	4941.246	22.17756
2004	NA	NA	722.674	196357	2.687961	0.220999	3.532925	4933.914	22.23466
1927	NA	NA	695.4815	203124	2.719029	0.219913	3.599033	4926.583	22.29425
1975	NA	NA	803.347	209885	2.75246	0.218905	3.666836	4919.168	22.35685
2057	NA	NA	875.0682	216595	2.780304	0.219222	3.736596	4911.599	22.42198
1884	20.78913	12.33255	963.5957	223215	2.804919	0.219675	3.808579	4903.809	22.47964
1957	21.62353	12.68943	1064.044	229754	2.842606	0.220259	3.883047	4895.155	22.53801
1963	22.68707	13.0825	1206.035	236190	2.875228	0.220098	3.960259	4885.802	22.5999
1942	23.51203	13.26701	1329.407	242459	2.910595	0.219694	4.040464	4875.685	22.6618
2029	23.89654	13.2264	1432.517	248433	2.958142	0.218903	4.123901	4864.743	22.7326
1982	24.08644	13.24445	1570.316	254082	3.028156	0.217917	4.210797	4852.914	22.79727
2024	24.57237	13.24333	1736.735	259327	3.140051	0.217237	4.301359	4842.245	22.86581
2039	25.59667	13.41529	1923.086	264275	3.261375	0.216369	4.395775	4833.5	22.93901
2102	26.62674	13.53764	2006.257	269206	3.394798	0.215201	4.494211	4826.916	23.02183
2182	26.62725	13.20188	2146.718	274484	3.535361	0.215028	4.596808	4822.76	23.10729
2121	26.522	12.93247	2226.722	280384	3.68031	0.214195	4.703676	4821.326	23.19782
2142	26.42821	12.86715	3031.7	287027	3.818456	0.212891	4.814896	4823.54	23.27966

2163	26.11085	12.58675	3047.592	294341	3.95086	0.211317	4.930519	4827.518	23.37696
2071	25.25659	11.95187	3481.435	302209	4.076318	0.209838	5.050557	4833.247	23.47944
2084	25.2164	11.59089	3952.122	310423	4.18719	0.208924	5.174989	4840.69	23.59911
2107	25.46016	11.20982	3648.78	318836	4.280257	0.208566	5.303759	4849.783	23.70539
2051	25.93654	10.73589	4811.667	327371	4.358358	0.208499	5.436773	4859.968	23.83279
2153	25.47941	10.18185	5559.507	336070	4.419913	0.208913	5.573902	4870.419	23.97592
2205	24.65079	9.618308	6583.451	345054	4.463359	0.209949	5.714983	4881	24.14266
2265	24.37418	9.21064	6615.764	354501	4.481229	0.211387	5.859823	4891.564	24.31304
2372	24.61832	9.048836	7100.406	364511	4.474213	0.21327	6.008196	4901.952	24.50032
2412	24.93869	8.903212	7395.688	375131	4.408327	0.215626	6.159852	4912	24.68596
2398	25.35136	8.851241	7473.196	386203	4.323633	0.22007	6.31452	4922.036	24.84565
2452	25.54556	8.817607	8291.485	397397	4.235563	0.220993	6.471907	4927.075	24.98488
2148	25.81293	8.864315	9056.653	408247	4.157777	0.220241	6.631709	4931.537	25.10004
2129	26.17346	8.87242	9821.691	418403	4.102743	0.218187	6.79361	4935.137	25.18922
2153	26.66595	8.895002	10319.1	427756	4.102572	0.215202	6.95729	4937.406	25.26781
2027	27.13999	8.865625	11151.07	436330	4.119818	0.215202	7.122425	4937.514	25.26781
1616	NA	NA	NA	5322266	2.300148	NA	0.219085	NA	NA
1641	NA	NA	NA	5381368	2.312237	NA	0.231944	NA	NA
1734	NA	NA	NA	5441613	2.311484	NA	0.245485	NA	NA
1690	NA	NA	NA	5503752	2.304319	NA	0.259727	NA	NA
1643	NA	NA	NA	5568484	2.293551	NA	0.274687	NA	NA
1662	NA	NA	NA	5635859	2.367678	NA	0.290379	NA	NA
1710	NA	NA	48.27987	5706199	2.435947	NA	0.306816	NA	NA
1796	NA	NA	59.46753	5780835	2.495522	NA	0.324007	NA	NA
1702	NA	NA	57.9918	5861412	2.542954	NA	0.341959	NA	NA
1895	NA	NA	60.47565	5949045	2.577254	NA	0.360676	NA	NA
1649	NA	NA	71.1547	6044530	2.668876	NA	0.380157	NA	NA
1626	NA	NA	79.15749	6147458	2.74925	NA	0.4004	NA	NA
1582	NA	NA	90.10019	6256187	2.817627	NA	0.421398	NA	NA
1735	NA	NA	84.59765	6368348	2.874042	NA	0.443144	NA	NA
1819	NA	NA	128.151	6482278	2.918943	NA	0.465626	NA	NA
1769	NA	NA	142.3769	6596773	3.007501	NA	0.488831	NA	NA
1724	NA	NA	156.4028	6712401	3.084738	NA	0.512742	NA	NA
1625	NA	NA	178.9854	6831295	3.150428	NA	0.537343	NA	NA
1713	NA	NA	229.3402	6956579	3.204477	NA	0.562616	NA	NA
1614	NA	NA	248.1889	7090126	3.246853	0.082073	0.588544	5134.48	21.09269
1558	NA	NA	212.7326	7234303	3.334309	0.082297	0.61511	5134.854	21.10286
1764	NA	NA	180.5382	7387656	3.41226	0.082503	0.642298	5135.18	21.11555
1702	NA	NA	172.032	7543743	3.478313	0.082742	0.670094	5135.47	21.12948
1791	NA	NA	160.2528	7693667	3.529877	0.083025	0.698487	5135.732	21.14894
2049	NA	NA	177.7599	7831889	3.565896	0.083328	0.727471	5135.969	21.17263
2142	NA	NA	232.8253	7955164	3.637687	0.083621	0.757041	5136.342	21.20297
2143	NA	NA	259.1339	8067758	3.699355	0.083907	0.7872	5136.715	21.23508
2301	NA	NA	265.1403	8180728	3.750901	0.084189	0.817955	5137.092	21.2866
2263	NA	NA	262.5686	8309531	3.790912	0.08442	0.849319	5137.477	21.34392
2310	18.7525	14.53023	316.8166	8465188	3.817328	0.084704	0.881311	5137.873	21.40415
2253	18.76991	14.4838	314.837	8652514	3.804235	0.084916	0.913957	5137.155	21.46996
2255	18.97411	14.54587	319.1914	8868263	3.779579	0.08516	0.947289	5135.209	21.53788
2264	19.0816	14.53596	309.5151	9105472	3.74488	0.085471	0.981348	5131.924	21.60374

2208	19.36696	14.64616	222.5768	9353385	3.701836	0.085842	1.016181	5127.177	21.67277
2246	19.79988	14.88332	281.7887	9604450	3.651224	0.086265	1.051841	5120.835	21.7352
2234	19.86603	14.82961	282.0813	9856810	3.593455	0.086709	1.08839	5113.138	21.79385
2258	19.86497	14.71102	266.668	10114094	3.529204	0.087239	1.125895	5105.194	21.85644
2289	19.87482	14.57647	281.3221	10380835	3.45872	0.087791	1.164433	5097.091	21.91788
2317	19.91273	14.46569	322.5387	10663723	3.380761	0.087562	1.204082	5088.937	21.98089
2313	20.02498	14.42093	269.3484	10967690	3.295334	0.087408	1.244932	5080.86	22.06087
2366	20.07984	14.31657	306.8473	11293258	3.228847	0.087297	1.287075	5076.364	22.14118
2354	20.27084	14.26767	334.2024	11638929	3.15267	0.087168	1.330609	5075.513	22.20175
2389	20.35871	14.12684	391.7913	12005128	3.072704	0.086645	1.375639	5078.659	22.26894
2411	20.4732	14.02042	439.3573	12391906	2.996036	0.085125	1.422271	5086.18	22.33082
2456	20.56392	13.92055	487.9403	12798763	2.92572	0.083448	1.470618	5098.48	22.39707
2520	20.69845	13.93772	521.6426	13227064	2.894361	0.081664	1.520794	5113.722	22.47179
2591	20.82731	13.97008	595.6368	13675606	2.866038	0.080258	1.572919	5128.497	22.53129
2645	20.95042	14.0206	689.6784	14138216	2.835386	0.078853	1.627111	5142.43	22.60134
2707	21.10491	14.07851	697.0153	14606597	2.795668	0.077437	1.683494	5155.082	22.66758
2707	21.35932	14.18384	708.3708	15075085	2.745033	0.075972	1.74219	5165.939	22.7351
2739	21.49535	14.19225	835.0889	15540989	2.710632	0.074579	1.803322	5174.402	22.80968
2729	21.57941	14.14796	777.3477	16006670	2.666026	0.073371	1.867016	5182.248	22.8792
2786	21.85635	14.22649	803.8936	16477818	2.617367	0.072988	1.933393	5186.277	22.93939
2741	22.19538	14.33377	845.7206	16962846	2.572139	0.072709	2.002578	5189.625	22.99908
2729	22.64818	14.48778	749.918	17467905	2.533956	0.072513	2.074691	5192.113	23.05247
2803	23.23913	14.70497	778.6004	17994837	2.525324	0.072463	2.149851	5193.507	23.09122
2826	23.44818	14.71036	827.0064	18541980	2.518766	0.072463	2.228175	5193.475	23.09122
2470	NA	NA	NA	325250	7.364643	NA	8.890049	NA	NA
2455	NA	NA	NA	323900	7.437975	NA	8.966719	NA	NA
2499	NA	NA	NA	322550	7.50771	NA	9.042783	NA	NA
2562	NA	NA	NA	321250	7.601036	NA	9.118218	NA	NA
2571	NA	NA	NA	318800	7.739417	NA	9.193001	NA	NA
2486	NA	NA	NA	315200	7.991766	NA	9.267116	NA	NA
2482	NA	NA	NA	311550	8.305859	NA	9.340547	NA	NA
2604	NA	NA	NA	307900	8.659445	NA	9.413283	NA	NA
2644	NA	NA	NA	304300	9.020829	NA	9.485315	NA	NA
2631	NA	NA	828.4217	302650	9.366233	NA	9.556639	NA	NA
2640	NA	NA	874.0663	302700	9.560482	NA	9.627253	NA	NA
2641	NA	NA	975.7588	302450	9.684781	NA	9.697159	NA	NA
2580	NA	NA	1143.62	302200	9.753657	NA	9.766363	NA	NA
2563	NA	NA	1245.361	301996	9.788829	NA	9.834874	NA	NA
2744	NA	NA	1560.112	304222	9.798	NA	9.902703	NA	NA
2777	NA	NA	1726.559	305774	9.825798	NA	9.969866	NA	NA
2757	NA	NA	2037.897	306970	9.842707	NA	10.03638	NA	NA
2700	NA	NA	2558.74	310182	9.848843	NA	10.10227	NA	NA
2686	NA	NA	3195.553	313342	9.843593	NA	10.16755	NA	NA
2744	NA	NA	3948.403	316645	9.83215	0.224828	10.23226	3209.474	25.5958
2703	NA	NA	3898.243	318982	9.858028	0.22716	10.29641	3204.796	25.64159
2584	NA	NA	3788.051	325898	9.854071	0.2294	10.36004	3200.704	25.65343
2612	NA	NA	3527.04	330524	9.820855	0.231587	10.42319	3197.066	25.73305
2533	NA	NA	3332.885	330593	9.778926	0.233869	10.48588	3193.792	25.784
2600	NA	NA	3322.421	336452	9.743239	0.236393	10.54815	3190.815	25.82575

2484	NA	NA	4194.654	342121	9.877503	0.237274	10.61004	3186.143	25.85349
2532	NA	NA	5083.669	344485	10.04342	0.238102	10.67158	3181.47	25.86499
2635	NA	NA	5814.365	347325	10.22635	0.238702	10.73281	3176.746	25.88523
2667	NA	NA	6040.61	350722	10.40176	0.234874	10.79377	3171.922	25.93707
2555	82.95321	29.86536	7191.924	354170	10.55536	0.230446	10.85449	3166.957	25.99746
2681	83.68997	29.79902	7558.277	363845	10.7483	0.225638	10.91501	3161.808	26.02784
2653	84.42219	29.65971	8220.246	367618	10.92294	0.220658	10.97537	3156.611	26.0993
2653	85.90789	29.71391	7296.31	371308	11.08956	0.215513	11.0356	3151.362	26.21617
2680	85.83524	29.28747	8000.518	374797	11.26003	0.210349	11.09575	3146.061	26.33412
2787	85.38272	28.69287	9114.358	377419	11.44108	0.205459	11.15584	3140.713	26.41304
2795	84.05579	27.75318	9397.801	379905	11.59704	0.201077	11.21591	3134.034	26.48679
2794	84.10901	27.07667	9679.883	382791	11.75204	0.197123	11.27599	3125.925	26.63062
2862	84.55955	26.55308	10183.68	385287	11.90717	0.193594	11.33611	3116.259	26.77355
2873	85.80745	26.16324	10648.99	387578	12.06536	0.191716	11.3963	3104.9	26.89479
2862	88.29719	26.37018	11039.06	390087	12.22836	0.189728	11.45659	3091.699	27.0599
2861	88.79563	25.85125	11021.79	393028	12.44554	0.187685	11.51699	3081.977	27.16087
2859	89.18227	25.09639	11843.94	395969	12.69041	0.185743	11.57754	3077.462	27.23894
2877	91.15191	25.03476	13689.99	398582	12.96145	0.182342	11.63825	3078.758	27.30438
2869	92.49905	24.98508	15109.05	401268	13.24792	0.184273	11.69914	3086.534	27.35069
2862	93.08534	24.9344	15835.35	403834	13.54124	0.186265	11.76022	3101.534	27.38576
2892	93.33676	24.7488	16671.57	405308	13.83654	0.187027	11.8215	3121.626	27.41909
2908	93.24557	24.30805	19375.57	406724	14.13176	0.187796	11.88299	3141.472	27.45641
2875	90.81011	23.42221	21928.7	409379	14.48458	0.188543	11.9447	3160.576	27.49864
2866	91.54094	23.33572	20675.58	412477	14.95151	0.188481	12.00662	3178.344	27.53277
2881	89.97676	22.65473	21087.79	414508	15.55358	0.187133	12.06876	3194.064	27.56932
2896	90.51905	22.57363	22835.38	416268	16.00054	0.185282	12.13111	3206.893	27.58832
2902	90.53546	22.28901	21916.97	420028	16.55462	0.183106	12.19366	3219.063	27.61228
2886	90.23183	21.90032	23820.36	425967	17.18268	0.180245	12.2564	3225.28	27.63826
2952	91.23653	21.77164	25811.88	434558	17.8053	0.177581	12.31931	3230.548	27.66149
2957	93.50353	22.01356	23715.53	445053	18.36671	0.17562	12.38238	3234.558	27.6829
2910	95.71442	22.22509	24758.7	455356	18.93856	0.173709	12.44558	3236.883	27.71565
3010	96.23064	22.18686	26903.82	465292	19.42577	0.173709	12.5089	3236.884	27.71565
2050	NA	NA	121.9697	883221	2.00199	NA	0.612095	NA	NA
2021	NA	NA	122.2523	909174	2.060992	NA	0.648882	NA	NA
1995	NA	NA	121.5763	936016	2.11631	NA	0.687521	NA	NA
1984	NA	NA	157.611	963747	2.168826	NA	0.728049	NA	NA
1929	NA	NA	174.0961	992367	2.217829	NA	0.770497	NA	NA
1952	NA	NA	176.4789	1021882	2.277856	NA	0.814891	NA	NA
1938	NA	NA	181.7203	1052286	2.332351	NA	0.861248	NA	NA
1907	NA	NA	194.4431	1083583	2.382374	NA	0.909582	NA	NA
1905	NA	NA	178.926	1115788	2.428866	NA	0.959899	NA	NA
1823	NA	NA	182.215	1148908	2.472957	NA	1.012197	NA	NA
1810	NA	NA	191.9357	1182954	2.524528	NA	1.066471	NA	NA
1736	NA	NA	217.588	1217941	2.571307	NA	1.122706	NA	NA
1828	NA	NA	266.1606	1253874	2.61358	NA	1.180881	NA	NA
1801	NA	NA	321.3322	1290790	2.652871	NA	1.240972	NA	NA
1828	NA	NA	358.1858	1328686	2.688747	NA	1.302946	NA	NA
1839	NA	NA	383.4616	1367563	2.731867	NA	1.366766	NA	NA
1853	NA	NA	384.1279	1407436	2.769931	NA	1.43239	NA	NA

1926	NA	NA	375.8764	1448414	2.803894	NA	1.499772	NA	NA
1868	NA	NA	432.0871	1490603	2.834021	NA	1.568865	NA	NA
1957	NA	NA	462.1918	1534085	2.860598	0.090306	1.639615	4896.999	22.60794
1980	NA	NA	473.7328	1578938	2.897454	0.091109	1.711197	4891.073	22.66177
1998	NA	NA	461.6352	1625124	2.929007	0.092008	1.785876	4885.888	22.72603
2248	NA	NA	471.3744	1672496	2.956539	0.092997	1.861279	4881.279	22.78676
2223	NA	NA	422.4385	1720812	2.980744	0.094116	1.938126	4877.131	22.86518
2256	NA	NA	385.9979	1769942	3.00281	0.09538	2.016365	4873.36	22.94414
2234	NA	NA	441.1599	1819954	3.032549	0.096716	2.095949	4867.44	23.02713
2270	NA	NA	486.2807	1870978	3.057064	0.0981	2.176832	4861.521	23.10131
2249	NA	NA	497.8557	1923002	3.077324	0.099549	2.258975	4855.535	23.19691
2266	NA	NA	496.7179	1976030	3.094437	0.100642	2.342344	4849.423	23.28629
2230	22.2782	16.40448	502.2318	2030140	3.109194	0.101743	2.42691	4843.133	23.37099
2243	22.48666	16.47439	692.3496	2085202	3.130824	0.10239	2.512651	4835.319	23.46352
2305	22.80826	16.63261	683.8338	2141445	3.147968	0.10298	2.599555	4826.035	23.5526
2319	23.07871	16.75199	568.2108	2199791	3.161391	0.103515	2.687616	4815.151	23.64151
2289	23.40245	16.89486	581.9098	2261403	3.170952	0.104011	2.776837	4802.525	23.7373
2260	23.72958	17.00461	608.187	2327075	3.176907	0.104403	2.867231	4788.011	23.82686
2317	24.1	17.10709	601.7735	2397245	3.180484	0.104559	2.95882	4773.879	23.92245
2329	24.24939	17.05009	567.2228	2471598	3.17932	0.104693	3.051636	4761.598	24.02021
2340	24.36399	16.98415	539.4254	2549223	3.174732	0.104879	3.14572	4751.471	24.11513
2317	24.3938	16.85736	534.7159	2628803	3.168172	0.104907	3.241125	4743.839	24.21746
2230	24.32749	16.68765	477.4761	2709359	3.1606	0.10494	3.337911	4739.086	24.30285
2228	24.42508	16.63355	464.2298	2790729	3.160751	0.10488	3.436148	4741.094	24.37561
2287	24.39128	16.4871	460.9542	2873228	3.15732	0.104527	3.535916	4748.017	24.45546
2386	24.52208	16.42515	528.5807	2957117	3.151414	0.103879	3.637303	4760.133	24.53329
2264	24.73879	16.41474	602.5473	3042823	3.143627	0.103811	3.740402	4777.719	24.61759
2314	24.85272	16.33294	697.7453	3130720	3.13471	0.103676	3.845316	4801.044	24.70592
2284	25.13979	16.34829	944.1305	3220653	3.132905	0.103383	3.952152	4826.013	24.80291
2355	25.34431	16.35067	1013.31	3312665	3.128176	0.103137	4.061021	4848.711	24.87276
2421	25.62378	16.42413	1182.979	3407541	3.121782	0.102894	4.172037	4868.487	24.93347
2415	25.98624	16.53682	1044.49	3506288	3.114205	0.102616	4.285317	4884.601	24.98867
2451	26.40306	16.64036	1201.756	3609543	3.106571	0.101514	4.400976	4896.224	25.03481
2455	26.95484	16.78853	1389.671	3717672	3.103636	0.100452	4.51913	4902.426	25.10077
2538	27.47677	16.93777	1365.778	3830239	3.098971	0.099396	4.63989	4906.922	25.15947
2527	27.98498	17.07754	1450.578	3946170	3.095229	0.098402	4.763362	4909.384	25.21117
2564	28.49617	17.20233	1326.669	4063920	3.094967	0.097433	4.889646	4910.969	25.27478
2474	29.0595	17.35449	1158.256	4182341	3.100202	0.096478	5.018832	4911.695	25.33724
2389	29.60139	17.49	1101.902	4301018	3.118122	0.095593	5.151002	4911.713	25.39421
2484	29.90207	17.49215	1136.765	4420184	3.13824	0.095593	5.286224	4911.456	25.39421
1956	NA	NA	NA	680757	2.486728	NA	2.558648	NA	NA
1988	NA	NA	NA	700349	2.487745	NA	2.650352	NA	NA
1949	NA	NA	NA	718861	2.482942	NA	2.745333	NA	NA
1969	NA	NA	NA	736381	2.478053	NA	2.843642	NA	NA
1887	NA	NA	NA	753000	2.476088	NA	2.945319	NA	NA
1935	NA	NA	NA	768813	2.491966	NA	3.05039	NA	NA
1896	NA	NA	NA	783917	2.514718	NA	3.158867	NA	NA
1889	NA	NA	NA	798413	2.540243	NA	3.270748	NA	NA
1818	NA	NA	NA	812405	2.563024	NA	3.386011	NA	NA



2340	NA	NA	NA	NA	NA	NA	NA	NA
2389	NA	NA	NA	NA	NA	NA	NA	NA
2376	NA	NA	NA	NA	NA	NA	NA	NA
2453	NA	NA	NA	NA	NA	NA	NA	NA
2336	NA	NA	NA	NA	NA	NA	NA	NA
2316	NA	NA	NA	NA	NA	NA	NA	NA
2293	NA	NA	NA	NA	NA	NA	NA	NA
2319	NA	NA	NA	NA	NA	NA	NA	NA
2175	NA	NA	NA	NA	NA	NA	NA	NA
2356	NA	NA	NA	NA	NA	NA	NA	NA
2304	NA	NA	NA	NA	NA	NA	NA	NA
2247	NA	NA	NA	NA	NA	NA	NA	NA
2184	NA	NA	NA	NA	NA	NA	NA	NA
2176	NA	NA	NA	NA	NA	NA	NA	NA
2126	NA	NA	NA	NA	NA	NA	NA	NA
2201	NA	NA	NA	NA	NA	NA	NA	NA
2202	NA	NA	NA	NA	NA	NA	NA	NA
2248	NA	NA	NA	NA	NA	NA	NA	NA
2291	NA	NA	NA	NA	NA	NA	NA	NA
2102	NA	NA	NA	NA	NA	NA	NA	NA
2284	NA	NA	NA	NA	NA	NA	NA	NA
2281	NA	NA	NA	NA	NA	NA	NA	NA
2326	NA	NA	NA	NA	NA	NA	NA	NA
2342	NA	NA	NA	NA	NA	NA	NA	NA
2307	NA	NA	NA	NA	NA	NA	NA	NA
2320	NA	NA	NA	NA	NA	NA	NA	NA
2312	NA	NA	NA	NA	NA	NA	NA	NA
2315	NA	NA	NA	NA	NA	NA	NA	NA
2337	NA	NA	NA	NA	NA	NA	NA	NA
2394	NA	NA	NA	NA	NA	NA	NA	NA
2390	NA	NA	NA	NA	NA	NA	NA	NA
2453	NA	NA	NA	NA	NA	NA	NA	NA
2454	NA	NA	NA	NA	NA	NA	NA	NA
2436	NA	NA	NA	NA	NA	NA	NA	NA
2474	NA	NA	NA	NA	NA	NA	NA	NA
2522	NA	NA	NA	NA	NA	NA	NA	NA
2507	NA	NA	NA	NA	NA	NA	NA	NA
2483	NA	NA	NA	NA	NA	NA	NA	NA
2501	NA	NA	NA	NA	NA	NA	NA	NA
2500	NA	NA	NA	NA	NA	NA	NA	NA
2527	NA	NA	NA	NA	NA	NA	NA	NA
2525	NA	NA	NA	NA	NA	NA	NA	NA
2520	NA	NA	NA	NA	NA	NA	NA	NA
2533	NA	NA	NA	NA	NA	NA	NA	NA
2540	NA	NA	NA	NA	NA	NA	NA	NA
2532	NA	NA	NA	NA	NA	NA	NA	NA
2545	NA	NA	NA	NA	NA	NA	NA	NA
2534	NA	NA	NA	NA	NA	NA	NA	NA
2536	NA	NA	NA	NA	NA	NA	NA	NA

2555	NA	NA	NA	NA	NA	NA	NA	NA	NA
2542	NA	NA	NA	NA	NA	NA	NA	NA	NA
2549	NA	NA	NA	NA	NA	NA	NA	NA	NA
2553	NA	NA	NA	NA	NA	NA	NA	NA	NA
2539	NA	NA	NA	NA	NA	NA	NA	NA	NA
2529	NA	NA	NA	NA	NA	NA	NA	NA	NA
2541	NA	NA	NA	NA	NA	NA	NA	NA	NA
2122	NA	359.4445	39394126	3.409841	NA	2.679497	NA	NA	NA
2096	NA	373.9275	40649588	3.450726	NA	2.743735	NA	NA	NA
2114	NA	404.3884	41939880	3.488541	NA	2.810289	NA	NA	NA
2164	NA	464.1243	43264272	3.527014	NA	2.879295	NA	NA	NA
2172	NA	489.4332	44623043	3.567379	NA	2.950884	NA	NA	NA
2204	NA	528.5688	46011038	3.610786	NA	3.025182	NA	NA	NA
2216	NA	559.9854	47429812	3.653377	NA	3.102309	NA	NA	NA
2224	NA	600.4824	48894019	3.691517	NA	3.182374	NA	NA	NA
2215	NA	644.1443	50423481	3.718718	NA	3.265473	NA	NA	NA
2213	NA	682.6849	52029861	3.732143	NA	3.35169	NA	NA	NA
2224	NA	729.7269	53718724	3.744277	NA	3.441091	NA	NA	NA
2240	NA	814.7352	55478151	3.741031	NA	3.533722	NA	NA	NA
2255	NA	965.0739	57280587	3.73054	NA	3.629607	NA	NA	NA
2280	NA	1218.518	59088193	3.724304	NA	3.728747	NA	NA	NA
2301	NA	1445.647	60872399	3.72837	NA	3.831118	NA	NA	NA
2288	NA	1421.601	62623763	3.74183	NA	3.936668	NA	NA	NA
2339	NA	1271.475	64345884	3.770042	NA	4.045317	NA	NA	NA
2398	NA	1552.102	66039488	3.803108	NA	4.156954	NA	NA	NA
2415	NA	1987.329	67709689	3.827381	NA	4.271441	NA	NA	NA
2565	NA	2957.562	69360871	3.83791	0.205428	4.388608	5835.064	24.25442	
2708	NA	3718.146	70992195	3.861716	0.203202	4.50826	5837.827	24.311	
2719	NA	2542.737	72602533	3.869244	0.201256	4.63017	5840.244	24.3644	
2729	NA	2104.669	74196548	3.872723	0.199637	4.754088	5842.392	24.43086	
2604	NA	2431.513	75780605	3.887881	0.198459	4.879738	5844.326	24.49986	
2661	NA	2523.501	77360707	3.921831	0.197771	5.006824	5846.084	24.56221	
2613	NA	1704.587	78934125	3.975113	0.197707	5.135031	5848.844	24.61819	
2524	NA	1832.735	80503052	4.04007	0.198204	5.264029	5851.603	24.67155	
2586	NA	2212.511	82083919	4.113767	0.199285	5.393476	5854.394	24.72507	
2519	NA	2645.236	83697891	4.190931	0.201206	5.523024	5857.243	24.7697	
2478	24.19787	11.09204	3060.685	85357874	4.269082	0.2037	5.652318	5860.175	24.81095
2525	24.45341	10.95115	3596.386	87071512	4.342597	0.206661	5.781008	5862.029	24.86277
2545	25.71883	11.17058	4088.309	88828310	4.416875	0.210009	5.908746	5862.615	24.92443
2540	27.53755	11.46804	5526.861	90600453	4.491394	0.213506	6.035195	5861.818	24.98196
2559	28.84724	11.53298	5715.41	92349147	4.565993	0.211677	6.16003	5859.51	25.04048
2520	30.44161	11.79075	3828.717	94045579	4.640928	0.209228	6.282945	5855.547	25.10874
2546	30.75053	11.66253	4294.979	95687452	4.726773	0.206025	6.403656	5851.269	25.18772
2561	31.73135	11.77625	5143.961	97281739	4.8111	0.201762	6.521906	5847.93	25.26944
2555	32.67963	11.90365	5327.812	98821456	4.892761	0.196128	6.637464	5845.731	25.35644
2562	33.02163	11.80914	5984.341	1E+08	4.970039	0.17691	6.750135	5844.902	25.45051
2601	32.48582	11.45456	6959.389	1.02E+08	5.042874	0.161147	6.859759	5845.703	25.54463
2633	32.48806	11.3536	7341.882	1.03E+08	5.108742	0.148618	6.966216	5850.802	25.63795
2636	33.2351	11.53007	7398.801	1.04E+08	5.169284	0.138935	7.069423	5859.12	25.73298



2631	33.86944	11.68186	6903.949	1.06E+08	5.230285	0.135744	7.169342	5870.867	25.82561
2629	33.82325	11.57527	7310.962	1.07E+08	5.298768	0.133411	7.265977	5886.248	25.91425
2632	34.90109	11.81101	8089.409	1.08E+08	5.378867	0.131838	7.359374	5905.472	25.99872
2642	34.71523	11.61853	8859.715	1.1E+08	5.470261	0.129679	7.449623	5926.413	26.08435
2674	34.4732	11.45531	9412.828	1.12E+08	5.572595	0.1281	7.536856	5946.47	26.18165
2646	35.70391	11.76799	9765.717	1.14E+08	5.681748	0.127038	7.621242	5965.27	26.28144
2608	36.94641	12.12576	7792.248	1.16E+08	5.791389	0.128382	7.702991	5982.386	26.37355
2661	35.37519	11.66297	9016.458	1.17E+08	5.899553	0.129943	7.782345	5997.337	26.46751
2675	34.83201	11.41889	9912.582	1.19E+08	5.999931	0.130607	7.859578	6009.574	26.55976
2682	35.79186	11.57761	9940.469	1.21E+08	6.095707	0.127825	7.93499	6021.02	26.64771
2701	37.16654	11.83014	10400.56	1.23E+08	6.198733	0.123864	8.008904	6026.855	26.73131
2824	38.4035	12.0289	10582.41	1.24E+08	6.324562	0.119401	8.081661	6031.754	26.80831
2866	38.48369	11.92315	9298.243	1.26E+08	6.481777	0.114649	8.153615	6035.461	26.87446
2893	39.38821	12.0758	8450.494	1.28E+08	6.656335	0.111572	8.225127	6037.602	26.93006
2897	39.36414	11.98624	8910.333	1.29E+08	6.857342	0.111572	8.296562	6037.588	26.93006
2213	NA	NA	NA	45955	3.546948	NA	3.851615	NA	NA
2218	NA	NA	NA	47388	3.528319	NA	3.940438	NA	NA
2280	NA	NA	NA	48876	3.492512	NA	4.031149	NA	NA
2329	NA	NA	NA	50487	3.452374	NA	4.123728	NA	NA
2287	NA	NA	NA	52242	3.416791	NA	4.218147	NA	NA
2356	NA	NA	NA	54199	3.396742	NA	4.314369	NA	NA
2394	NA	NA	NA	56319	3.378966	NA	4.412353	NA	NA
2301	NA	NA	NA	58403	3.35428	NA	4.512046	NA	NA
2258	NA	NA	NA	60170	3.347183	NA	4.613392	NA	NA
2339	NA	NA	NA	61431	3.322427	NA	4.716325	NA	NA
2427	NA	NA	NA	62108	3.464932	NA	4.820771	NA	NA
2440	NA	NA	NA	62298	3.627725	NA	4.926652	NA	NA
2618	NA	NA	NA	62290	3.806389	NA	5.033883	NA	NA
2726	NA	NA	NA	62476	4.003137	NA	5.142372	NA	NA
2647	NA	NA	NA	63144	4.214177	NA	5.252021	NA	NA
2672	NA	NA	NA	64386	4.122014	NA	5.362732	NA	NA
2534	NA	NA	NA	66105	4.010287	NA	5.474397	NA	NA
2567	NA	NA	NA	68222	3.888775	NA	5.586909	NA	NA
2565	NA	NA	NA	70550	3.749114	NA	5.700158	NA	NA
2578	NA	NA	NA	72964	3.596294	0.243045	5.814031	4499.175	25.39691
2499	NA	NA	NA	75462	3.612414	0.24148	5.928417	4497.456	25.51826
2462	NA	NA	NA	78059	3.615214	0.240058	6.043203	4495.952	25.64583
2427	NA	NA	1320.062	80678	3.604452	0.238724	6.158278	4494.615	25.77609
2429	NA	NA	NA	83240	3.592023	0.237359	6.273533	4493.412	25.90829
2351	NA	NA	NA	85686	3.580515	0.236001	6.388864	4492.318	26.0372
2285	NA	NA	1275.868	87948	3.583936	0.234848	6.504167	4490.601	26.16713
2296	NA	NA	1296.379	90020	3.58587	0.233657	6.619346	4488.884	26.29669
2275	NA	NA	1355.125	92021	3.591571	0.232465	6.734309	4487.148	26.42186
2248	NA	NA	1436.907	94091	3.586953	0.232026	6.84897	4485.375	26.54464
2324	29.23984	20.03476	1528.065	96331	3.573097	0.231749	6.963248	4483.551	26.66491
2342	29.97139	20.39054	1682.203	98799	3.603275	0.231624	7.077073	4480.648	26.79999
2373	30.65678	20.73062	1756.185	101413	3.598158	0.230931	7.190378	4476.625	26.93478
2410	31.30659	21.04813	1908.904	103934	3.562838	0.230208	7.303105	4471.381	27.07586
2311	31.93527	21.35647	1909.351	106057	3.526406	0.229328	7.415205	4464.806	27.2198



1765	NA	NA	NA	NA	NA	NA	NA	NA
1775	NA	NA	NA	NA	NA	NA	NA	NA
1761	NA	NA	NA	NA	NA	NA	NA	NA
1767	NA	NA	NA	NA	NA	NA	NA	NA
1792	NA	NA	NA	NA	NA	NA	NA	NA
1831	NA	NA	NA	NA	NA	NA	NA	NA
1753	NA	NA	NA	NA	NA	NA	NA	NA
1841	NA	NA	NA	NA	NA	NA	NA	NA
1823	NA	NA	NA	NA	NA	NA	NA	NA
1830	NA	NA	NA	NA	NA	NA	NA	NA
1859	NA	NA	NA	NA	NA	NA	NA	NA
1904	NA	NA	NA	NA	NA	NA	NA	NA
1917	NA	NA	NA	NA	NA	NA	NA	NA
1914	NA	NA	NA	NA	NA	NA	NA	NA
1956	NA	NA	NA	NA	NA	NA	NA	NA
1973	NA	NA	NA	NA	NA	NA	NA	NA
2009	NA	NA	NA	NA	NA	NA	NA	NA
2030	NA	NA	NA	NA	NA	NA	NA	NA
2056	NA	NA	NA	NA	NA	NA	NA	NA
2088	NA	NA	NA	NA	NA	NA	NA	NA
2109	NA	NA	NA	NA	NA	NA	NA	NA
2152	NA	NA	NA	NA	NA	NA	NA	NA
2201	NA	NA	NA	NA	NA	NA	NA	NA
2229	NA	NA	NA	NA	NA	NA	NA	NA
2267	NA	NA	NA	NA	NA	NA	NA	NA
2277	NA	NA	NA	NA	NA	NA	NA	NA
2305	NA	NA	NA	NA	NA	NA	NA	NA
2234	NA	NA	NA	NA	NA	NA	NA	NA
2240	NA	NA	NA	NA	NA	NA	NA	NA
2239	NA	NA	NA	NA	NA	NA	NA	NA
2241	NA	NA	NA	NA	NA	NA	NA	NA
1990	NA	NA	982178	4.906748	NA	5.106122	NA	NA
1902	NA	NA	1011324	4.949848	NA	5.232799	NA	NA
1937	NA	NA	1042383	4.961324	NA	5.36181	NA	NA
2000	NA	NA	1074514	4.951169	NA	5.492959	NA	NA
2068	NA	NA	1107124	4.924471	NA	5.626026	NA	NA
2094	NA	NA	1139961	4.899992	NA	5.760769	NA	NA
2074	NA	NA	1173191	4.867409	NA	5.896927	NA	NA
1988	NA	NA	1207104	4.833635	NA	6.034218	NA	NA
2016	NA	NA	1242214	4.806096	NA	6.172346	NA	NA
2093	NA	NA	1278825	4.787207	NA	6.311	NA	NA
2031	NA	NA	1317050	4.836415	NA	6.449856	NA	NA
2002	NA	NA	1356670	4.879521	NA	6.588583	NA	NA
2023	NA	NA	1397304	4.906162	NA	6.726844	NA	NA
2033	NA	NA	1438425	4.903766	NA	6.8643	NA	NA
2047	NA	NA	1479651	4.86831	NA	7.000611	NA	NA
2149	NA	NA	1520865	4.814234	NA	7.135441	NA	NA
2042	NA	NA	1562209	4.73541	NA	7.268463	NA	NA
2124	NA	NA	1603906	4.646656	NA	7.399356	NA	NA

2150	NA	NA	NA	1646291	4.563895	NA	7.527816	NA	NA
2117	NA	NA	NA	1689622	4.494733	0.245504	7.653551	8323.239	23.52203
2126	NA	NA	1332.641	1733475	4.472577	0.24396	7.776289	8321.752	23.57134
2111	NA	NA	1435.767	1777727	4.452427	0.242605	7.895779	8320.449	23.61644
2179	NA	NA	1495.016	1823216	4.427835	0.241352	8.011791	8319.292	23.65996
2131	NA	NA	1121.664	1871090	4.390436	0.24021	8.124124	8318.251	23.70259
2046	NA	NA	1137.69	1921881	4.336325	0.239194	8.232599	8317.304	23.74662
2078	NA	NA	1465.448	1976309	4.308689	0.238182	8.33707	8315.817	23.79558
2034	NA	NA	1485.54	2033343	4.265193	0.237108	8.437418	8314.331	23.84815
2066	NA	NA	1533.445	2089714	4.214644	0.235949	8.533556	8312.828	23.89997
2037	NA	NA	1670.693	2141008	4.166542	0.235206	8.625431	8311.293	23.94799
2024	12.65883	8.033874	1172.443	2184145	4.12697	0.234505	8.71302	8309.714	24.0023
2016	13.37867	8.426226	1072.636	2217918	4.07887	0.233914	8.796333	8308.084	24.04648
1751	13.94998	8.774806	587.3014	2243502	4.027097	0.233571	8.875416	8306.448	24.07804
1728	14.56622	9.218432	339.52	2263200	3.966596	0.233369	8.950342	8304.806	24.09846
1736	15.06135	9.539953	405.9718	2280496	3.891039	0.233188	9.02122	8303.158	24.11212
1935	15.96186	10.03616	631.9149	2298039	3.799936	0.233173	9.088187	8301.507	24.12923
1940	16.60646	10.33947	580.9111	2316567	3.812452	0.233401	9.151409	8295.434	24.15024
1919	17.36823	10.70257	505.6029	2335695	3.804478	0.233999	9.211079	8284.535	24.17296
1992	17.67582	10.79531	477.3497	2355590	3.779393	0.235007	9.267414	8268.37	24.19834
2044	17.94179	10.88968	445.0069	2376162	3.740864	0.233246	9.320653	8246.462	24.24321
2059	17.9232	10.82804	474.2133	2397436	3.690818	0.233165	9.371055	8218.29	24.28917
2087	18.13503	10.8058	524.0146	2419776	3.718609	0.233237	9.418894	8190.381	24.33014
2113	18.37384	10.74582	571.5019	2443659	3.735832	0.233039	9.464458	8167.583	24.37165
2101	18.5663	10.62541	646.0561	2469286	3.743147	0.232138	9.508045	8150.801	24.4174
2107	18.62473	10.4485	797.8377	2496832	3.739619	0.229196	9.549957	8141.059	24.462
2115	18.55613	10.25936	998.8227	2526446	3.724877	0.225944	9.590502	8139.52	24.51598
2153	18.47677	10.03612	1334.652	2558012	3.76601	0.223182	9.629988	8145.393	24.58383
2229	18.35595	9.776424	1634.081	2591670	3.798902	0.22061	9.668719	8152.232	24.64864
2239	18.34953	9.629421	2139.626	2628131	3.820434	0.218604	9.706993	8159.66	24.72911
2322	18.64226	9.696268	1717.899	2668289	3.82541	0.21741	9.745101	8167.185	24.80143
2310	18.64145	9.550021	2650.354	2712650	3.812545	0.218658	9.783324	8174.173	24.84221
2317	18.3653	9.301684	3769.595	2761516	3.832098	0.220321	9.821929	8179.831	24.88732
2352	17.91821	8.992762	4368.082	2814226	3.838071	0.222416	9.861171	8185.469	24.93627
2375	17.41568	8.72804	4385.379	2869107	3.840289	0.224604	9.901287	8188.371	24.9839
2355	16.93059	8.490092	4181.583	2923896	3.852907	0.226667	9.942501	8190.905	25.03903
2097	16.86485	8.450827	3946.962	2976877	3.884809	0.228381	9.985018	8192.872	25.08797
2433	17.10893	8.541414	3695.165	3027398	3.946458	0.229588	10.02902	8194.028	25.15404
2237	17.22608	8.548653	3717.473	3075647	4.030924	0.229588	10.07469	8194.053	25.15404
3017	66.79214	21.59935	4425.681	615025	13.10615	0.330943	12.31496	7586.164	26.03856
3177	67.28293	21.37144	5976.392	615875	13.07362	0.337069	12.37598	7596.767	26.08415
3315	67.56354	21.12489	7367.752	616969	13.00827	0.34207	12.43699	7607.879	26.14753
3301	68.00468	20.78385	6727.108	618294	12.96327	0.346448	12.49798	7619.076	26.2083
3282	68.00679	20.51805	6682.281	619428	12.96699	0.349697	12.55898	7629.822	26.27171
3280	68.17232	20.46165	7318.742	620079	13.06162	0.352046	12.61997	7639.449	26.32892
3167	68.92901	20.64648	6586.719	620601	13.18867	0.353135	12.68097	7649.063	26.37467
3274	69.37472	20.67289	7186.432	621207	13.36052	0.353033	12.74199	7653.94	26.45427
3079	69.65623	20.60956	7378.341	621810	13.59272	0.350689	12.80302	7658.237	26.49893
3023	69.88896	20.47821	6514.273	622159	13.89367	0.347822	12.86407	7661.651	26.5481

3238	69.36977	20.18597	7028.94	622303	14.29826	0.344397	12.92514	7663.746	26.59538
3275	69.20696	20.06319	7782.84	622471	14.76215	0.344397	12.98624	7663.825	26.59538
1776	NA	NA	158.9241	12710547	3.038005	NA	0.474625	NA	NA
1777	NA	NA	181.1837	13094818	3.079073	NA	0.504989	NA	NA
1801	NA	NA	196.5341	13478232	3.111929	NA	0.537383	NA	NA
1872	NA	NA	201.2694	13857142	3.14645	NA	0.571927	NA	NA
1923	NA	NA	206.4652	14229044	3.186616	NA	0.608748	NA	NA
1841	NA	NA	196.3422	14593284	3.247412	NA	0.647973	NA	NA
1898	NA	NA	202.9009	14950803	3.309695	NA	0.689733	NA	NA
1985	NA	NA	212.8107	15302947	3.368423	NA	0.734159	NA	NA
2091	NA	NA	232.1986	15651924	3.415491	NA	0.781385	NA	NA
2078	NA	NA	246.088	16000008	3.447411	NA	0.831544	NA	NA
2168	NA	NA	265.2672	16347198	3.47525	NA	0.884766	NA	NA
2149	NA	NA	302.5984	16695003	3.491128	NA	0.941181	NA	NA
2169	NA	NA	364.6224	17049165	3.494728	NA	1.000913	NA	NA
2224	NA	NA	438.9164	17416964	3.484666	NA	1.064082	NA	NA
2326	NA	NA	502.5448	17803698	3.461011	NA	1.130799	NA	NA
2242	NA	NA	523.8373	18210754	3.431829	NA	1.201166	NA	NA
2284	NA	NA	589.7001	18636977	3.393345	NA	1.275271	NA	NA
2298	NA	NA	689.3819	19081718	3.352114	NA	1.35319	NA	NA
2364	NA	NA	808.5415	19543347	3.314995	NA	1.43498	NA	NA
2322	NA	NA	1077.243	20019847	3.286554	0.134124	1.520679	3270.726	23.48755
2379	NA	NA	860.4683	20511601	3.281821	0.135071	1.610303	3268.301	23.53534
2458	NA	NA	835.1402	21016818	3.282224	0.135858	1.70384	3266.178	23.58958
2430	NA	NA	748.8668	21528502	3.292765	0.136533	1.801252	3264.292	23.64581
2522	NA	NA	667.3332	22037610	3.320555	0.137011	1.902471	3262.594	23.71137
2561	NA	NA	659.8335	22537376	3.370011	0.137242	2.007397	3261.051	23.77753
2686	NA	NA	838.4336	23023935	3.451256	0.137314	2.115894	3258.628	23.85564
2667	NA	NA	918.6289	23497766	3.548865	0.13707	2.227797	3256.205	23.93078
2727	NA	NA	1063.761	23961820	3.661103	0.136587	2.342905	3253.755	24.01949
2697	NA	NA	1068.326	24421191	3.785458	0.134892	2.460985	3251.253	24.10599
2786	27.65256	16.10616	1202.568	24879136	3.920285	0.133041	2.581778	3248.679	24.1968
2772	28.25257	16.24218	1263.06	25336862	4.079266	0.13103	2.704996	3245.634	24.30081
2572	28.88234	16.43256	1295.423	25791494	4.23806	0.128989	2.830335	3242.156	24.38998
2535	29.56836	16.65871	1195.595	26237417	4.394289	0.12694	2.957473	3238.206	24.47938
2657	30.16896	16.77012	1322.87	26667048	4.545677	0.124947	3.086085	3233.742	24.56293
2611	30.87871	16.92398	1428.066	27075232	4.69131	0.123068	3.215844	3228.724	24.64259
2761	31.65068	17.04542	1556.786	27460603	4.820444	0.121492	3.346433	3224.398	24.7323
2743	32.64322	17.29823	1393.224	27825901	4.94136	0.11996	3.477553	3221.247	24.8067
2799	32.97484	17.18321	1469.032	28175263	5.054831	0.118543	3.608929	3219.418	24.88509
2753	33.97742	17.42007	1444.989	28514798	5.160394	0.117104	3.740323	3219.073	24.95926
2692	34.5123	17.40473	1332.382	28849621	5.258918	0.115856	3.871533	3220.394	25.02478
2763	35.53313	17.625	1336.775	29181832	5.367048	0.115226	4.002405	3225.926	25.07103
2791	36.53177	17.8522	1413.757	29512368	5.466132	0.114812	4.132836	3234.696	25.13073
2850	37.32367	17.97816	1721.974	29843937	5.55999	0.114303	4.262774	3246.893	25.19808
2902	38.05893	18.05741	1948.812	30179285	5.653424	0.112512	4.392223	3262.709	25.30036
2840	38.84317	18.13239	2013.756	30521070	5.750074	0.110681	4.521238	3282.336	25.40417
2915	39.80184	18.22871	2191.479	30869346	5.832942	0.108924	4.649928	3302.401	25.51095
2869	40.90587	18.3793	2494.354	31225881	5.921418	0.107813	4.778448	3320.22	25.61809

2876	41.80429	18.40217	2884.948	31596855	6.008921	0.106781	4.906995	3335.292	25.72742
2894	42.67238	18.39789	2861.554	31989897	6.083177	0.105832	5.035804	3347.057	25.83564
2927	43.51192	18.41615	2834.205	32409639	6.140031	0.104943	5.165139	3354.886	25.9478
2967	44.40859	18.40661	3039.916	32858823	6.172942	0.104362	5.295288	3358.074	26.06169
2987	45.19482	18.38107	2904.747	33333789	6.188816	0.103833	5.426552	3359.728	26.16983
3020	45.99022	18.35734	3111.763	33824769	6.211401	0.10333	5.559243	3360.731	26.27526
3054	46.76283	18.3312	3154.513	34318082	6.274223	0.102843	5.69367	3361.089	26.37349
3036	47.52273	18.29589	2847.286	34803322	6.396157	0.102392	5.83014	3360.891	26.46461
3062	48.21496	18.24708	2892.776	35276786	6.555929	0.101989	5.968944	3360.383	26.54848
3017	48.51497	18.09492	3007.243	35739580	6.769142	0.101989	6.110356	3360.13	26.54848
1769	NA	NA	NA	7541325	2.771715	NA	0.472697	NA	NA
1793	NA	NA	NA	7699139	2.792078	NA	0.494183	NA	NA
1737	NA	NA	NA	7862072	2.80393	NA	0.516625	NA	NA
1775	NA	NA	NA	8030025	2.807824	NA	0.540061	NA	NA
1788	NA	NA	NA	8203076	2.804387	NA	0.564527	NA	NA
1768	NA	NA	NA	8381455	2.833386	NA	0.590061	NA	NA
1769	NA	NA	NA	8565674	2.85437	NA	0.616701	NA	NA
1690	NA	NA	NA	8756481	2.867705	NA	0.644484	NA	NA
1745	NA	NA	NA	8954809	2.873149	NA	0.673447	NA	NA
1707	NA	NA	NA	9161534	2.870797	NA	0.703628	NA	NA
1758	NA	NA	NA	9375144	2.89699	NA	0.735063	NA	NA
1697	NA	NA	NA	9595762	2.914432	NA	0.767788	NA	NA
1817	NA	NA	NA	9827580	2.92426	NA	0.801839	NA	NA
1745	NA	NA	NA	10076172	2.92753	NA	0.837252	NA	NA
1710	NA	NA	NA	10344494	2.925034	NA	0.87406	NA	NA
1759	NA	NA	NA	10632932	2.939942	NA	0.912297	NA	NA
1704	NA	NA	NA	10936936	2.949857	NA	0.951998	NA	NA
1697	NA	NA	NA	11248046	2.954575	NA	0.993194	NA	NA
1721	NA	NA	NA	11554979	2.954103	NA	1.03592	NA	NA
1755	NA	NA	297.6189	11848331	2.949099	0.098912	1.080207	8478.651	21.64771
1695	NA	NA	291.5254	12133074	2.973138	0.098353	1.126088	8478.376	21.64833
1642	NA	NA	291.0872	12409243	2.98737	0.097809	1.173597	8478.135	21.64673
1635	NA	NA	255.6885	12657708	2.993457	0.097239	1.222767	8477.921	21.64166
1705	NA	NA	262.6599	12853780	2.993866	0.09662	1.273631	8477.729	21.63749
1789	NA	NA	343.1995	12984405	2.990064	0.095988	1.326227	8477.554	21.63199
1652	NA	NA	402.5655	13034385	3.034474	0.095144	1.380588	8477.279	21.62839
1709	NA	NA	180.7958	13020861	3.071594	0.094292	1.436752	8477.004	21.62514
1773	NA	NA	161.0124	13002553	3.099661	0.093486	1.494757	8476.727	21.62379
1704	NA	NA	177.1997	13059613	3.113798	0.092819	1.554643	8476.443	21.62623
1770	20.58544	16.21144	189.6245	13247649	3.109329	0.092262	1.616448	8476.151	21.62968
1677	20.63378	16.17738	240.1243	13591970	3.098388	0.092797	1.680215	8475.705	21.63676
1652	20.78641	16.21431	162.827	14071231	3.078537	0.09338	1.745984	8475.1	21.64311
1644	20.84195	16.16313	163.6144	14636995	3.052034	0.094054	1.813796	8474.321	21.65488
1625	20.76814	16.02396	161.7049	15217044	3.023761	0.094758	1.883694	8473.353	21.67198
1790	20.6156	15.85381	160.0176	15759132	2.997957	0.095423	1.955718	8472.18	21.69023
1887	20.59965	15.74829	216.8754	16248232	3.017141	0.095775	2.029906	8467.837	21.72127
1918	20.72849	15.72146	253.1096	16701351	3.032324	0.096295	2.106298	8460.198	21.76205
1931	20.29171	15.27702	284.3733	17136780	3.043582	0.096993	2.184927	8448.974	21.81849
1940	19.80888	14.82019	301.5395	17584869	3.04961	0.098465	2.265826	8433.856	21.88386

1916	19.35064	14.41103	277.6487	18067687	3.049693	0.100124	2.349024	8414.509	21.94953
1910	18.63078	13.84316	256.4415	18588758	3.065869	0.101855	2.434545	8395.735	22.01621
1967	18.5102	13.69753	262.8841	19139658	3.075583	0.103753	2.522409	8380.818	22.08513
2007	18.34625	13.51761	283.8912	19716598	3.080004	0.105698	2.61263	8370.411	22.15223
1975	18.44824	13.51765	336.3318	20312705	3.08084	0.110273	2.70522	8365.247	22.22179
1948	18.79559	13.69139	369.1545	20923070	3.079347	0.114404	2.800183	8366.158	22.27994
2024	19.13788	13.89466	385.7567	21547463	3.094861	0.11564	2.897518	8373.239	22.30468
1984	19.87097	14.37179	422.1462	22188387	3.107797	0.115855	2.997223	8381.827	22.31261
2051	20.38444	14.70226	503.1277	22846758	3.117313	0.115342	3.099287	8391.71	22.31362
2052	20.97467	15.08452	463.8526	23524063	3.122067	0.114396	3.203702	8402.595	22.3125
2131	21.81763	15.60405	419.2258	24221405	3.122011	0.11307	3.310451	8414.097	22.31086
2147	22.5903	16.03138	526.5314	24939005	3.129539	0.111911	3.419523	8425.719	22.32058
2192	23.2483	16.41152	566.0514	25676606	3.131461	0.110437	3.530901	8437.754	22.34658
2174	23.8191	16.76492	605.9856	26434372	3.130636	0.10898	3.644574	8443.796	22.38089
2198	24.45641	17.16251	623.2868	27212382	3.130457	0.107567	3.76053	8449.274	22.42147
2233	25.12385	17.53714	528.3131	28010691	3.132711	0.106345	3.878763	8453.781	22.46492
2279	25.74097	17.82431	380.9073	28829476	3.145458	0.105243	3.999269	8456.673	22.51269
2205	26.10295	17.87758	426.222	29668834	3.158304	0.105243	4.122052	8456.855	22.51269
1413	NA	NA	NA	21438025	3.484038	NA	1.595329	NA	NA
1468	NA	NA	NA	21898020	3.515592	NA	1.657307	NA	NA
1496	NA	NA	NA	22371902	3.535234	NA	1.721301	NA	NA
1536	NA	NA	NA	22867741	3.550154	NA	1.78733	NA	NA
1502	NA	NA	NA	23391145	3.563041	NA	1.855408	NA	NA
1416	NA	NA	NA	23944178	3.618061	NA	1.925544	NA	NA
1423	NA	NA	NA	24524548	3.667782	NA	1.997741	NA	NA
1429	NA	NA	NA	25128116	3.710632	NA	2.071999	NA	NA
1410	NA	NA	NA	25748643	3.744038	NA	2.148309	NA	NA
1432	NA	NA	NA	26381431	3.767787	NA	2.226655	NA	NA
1457	NA	NA	NA	27024985	3.809789	NA	2.307015	NA	NA
1414	NA	NA	NA	27680144	3.843864	NA	2.389357	NA	NA
1435	NA	NA	NA	28347341	3.86953	NA	2.473641	NA	NA
1487	NA	NA	NA	29027734	3.886139	NA	2.559819	NA	NA
1466	NA	NA	NA	29721967	3.894433	NA	2.647831	NA	NA
1478	NA	NA	NA	30428034	3.925328	NA	2.737607	NA	NA
1506	NA	NA	NA	31144324	3.945355	NA	2.829066	NA	NA
1539	NA	NA	NA	31872230	3.959186	NA	2.922116	NA	NA
1558	NA	NA	NA	32613888	3.972418	NA	3.016653	NA	NA
1535	NA	NA	NA	33369712	3.987901	0.293876	3.11256	7425.077	21.079
1604	NA	NA	NA	34139130	4.033404	0.290611	3.209709	7435.245	21.09182
1660	NA	NA	NA	34917895	4.075695	0.287016	3.307958	7444.142	21.10542
1670	NA	NA	NA	35697943	4.113287	0.283129	3.407156	7452.05	21.11944
1695	NA	NA	NA	36468888	4.144448	0.278939	3.507137	7459.167	21.13427
1650	NA	NA	NA	37222296	4.169439	0.27449	3.607726	7465.637	21.14907
1624	NA	NA	NA	37957332	4.214893	0.269847	3.708737	7475.795	21.1627
1623	NA	NA	NA	38673241	4.254278	0.265087	3.809976	7485.951	21.1762
1569	NA	NA	NA	39362142	4.290016	0.260289	3.911243	7496.222	21.18838
1463	NA	NA	NA	40014862	4.324788	0.255784	4.012328	7506.708	21.20033
1685	41.34646	28.01235	NA	40626250	4.360375	0.251842	4.113024	7517.501	21.20986
1683	41.63836	28.16731	NA	41190156	4.437143	0.248371	4.213119	7527.113	21.21953

1684	41.87018	28.27652	NA	41711465	4.506207	0.245287	4.312405	7535.103	21.23256
1726	42.07381	28.36103	NA	42209778	4.567406	0.242636	4.410681	7541.323	21.24749
1704	42.26668	28.40985	NA	42712223	4.620012	0.240334	4.507755	7545.603	21.26799
1759	42.52885	28.45448	NA	43237792	4.66305	0.238277	4.603448	7547.745	21.28857
1770	42.75279	28.49993	NA	43793310	4.72347	0.236327	4.697597	7544.094	21.31222
1824	42.96828	28.55298	NA	44371525	4.771026	0.234389	4.790062	7535.803	21.33834
1829	43.19513	28.61161	NA	44959935	4.804578	0.232354	4.880729	7522.598	21.36716
1821	43.44933	28.65254	NA	45539435	4.821333	0.229178	4.969511	7504.193	21.40386
1895	43.83358	28.70499	193.1875	46095462	4.820694	0.225523	5.056353	7480.292	21.44656
1935	44.20314	28.71224	138.9249	46627994	4.84373	0.221162	5.141238	7456.419	21.49546
1980	44.51947	28.68185	143.776	47140220	4.850692	0.215042	5.224183	7436.539	21.56015
2042	45.0551	28.76142	219.7823	47624894	4.844935	0.208605	5.305248	7421.435	21.63629
2082	45.22239	28.55452	219.8157	48073707	4.830568	0.200271	5.384529	7411.99	21.73496
2129	45.21201	28.17207	247.2427	48482614	4.811378	0.193554	5.462166	7409.189	21.83984
2201	45.56206	27.96881	296.9007	48846474	4.827065	0.187103	5.538338	7413.179	21.95809
2276	45.5234	27.54268	410.45	49171586	4.843352	0.181252	5.613262	7418.747	22.07959
2370	45.4238	27.13247	643.9514	49479752	4.861029	0.176506	5.687193	7425.67	22.19191
2399	44.95235	26.5107	741.0777	49800690	4.879804	0.172824	5.760418	7433.639	22.28655
2494	44.24946	25.74018	987.7366	50155896	4.901557	0.17062	5.833256	7442.235	22.34396
2529	43.67991	24.99373	1186.424	50553031	4.961131	0.169283	5.906053	7450.91	22.38633
2554	43.4662	24.4059	1175.562	50986514	5.017133	0.168707	5.979175	7460.011	22.41081
2568	43.85017	24.09637	1171.464	51448196	5.084031	0.168421	6.053009	7464.588	22.4351
2630	44.22976	23.75389	1260.419	51924182	5.181264	0.168215	6.127953	7468.768	22.46003
2667	44.83622	23.57531	1138.993	52403669	5.318481	0.168282	6.204413	7472.219	22.50968
2702	45.36063	23.40971	1196.103	52885223	5.511676	0.168419	6.282797	7474.436	22.57844
2685	45.53024	23.14727	1256.661	53370609	5.731628	0.168419	6.363515	7474.583	22.57844
1933	NA	NA	NA	617277	3.687324	NA	1.980763	NA	NA
1963	NA	NA	NA	632654	3.670411	NA	2.042781	NA	NA
1952	NA	NA	NA	648661	3.647976	NA	2.10668	NA	NA
1944	NA	NA	NA	665282	3.622073	NA	2.172509	NA	NA
1940	NA	NA	NA	682551	3.592992	NA	2.240317	NA	NA
1926	NA	NA	NA	700341	3.604673	NA	2.310153	NA	NA
1912	NA	NA	NA	718685	3.610622	NA	2.382063	NA	NA
1896	NA	NA	NA	737886	3.608416	NA	2.456091	NA	NA
1893	NA	NA	NA	758377	3.594123	NA	2.532278	NA	NA
1883	NA	NA	NA	780384	3.565168	NA	2.610665	NA	NA
1895	NA	NA	NA	804157	3.564478	NA	2.691285	NA	NA
1867	NA	NA	NA	829441	3.548052	NA	2.774171	NA	NA
1854	NA	NA	NA	855380	3.521359	NA	2.859347	NA	NA
1849	NA	NA	NA	880785	3.49075	NA	2.946835	NA	NA
1825	NA	NA	NA	904839	3.45951	NA	3.036649	NA	NA
1838	NA	NA	NA	927503	3.471363	NA	3.128797	NA	NA
1863	NA	NA	NA	949193	3.478323	NA	3.22328	NA	NA
1883	NA	NA	NA	970258	3.479487	NA	3.320091	NA	NA
1903	NA	NA	NA	991226	3.474889	NA	3.419215	NA	NA
1920	NA	NA	2391.787	1012672	3.465189	0.141469	3.520627	3633.05	21.37499
1896	NA	NA	2172.325	1034264	3.481123	0.140931	3.624294	3630.581	21.395
1872	NA	NA	2003.159	1056366	3.492445	0.140485	3.730173	3628.421	21.40678
1840	NA	NA	2121.942	1081081	3.499183	0.140093	3.838211	3626.501	21.4134



1829	NA	NA	1753.138	1111132	3.498054	0.139756	3.948346	3624.772	21.41404
1765	NA	NA	1398.51	1148302	3.488107	0.139479	4.060505	3623.201	21.41063
1754	NA	NA	1513.267	1193592	3.467852	0.139457	4.174606	3620.735	21.40505
1811	NA	NA	1843.015	1245990	3.440397	0.139465	4.290559	3618.269	21.39634
1789	NA	NA	1912.439	1302741	3.411883	0.139479	4.408264	3615.775	21.39525
1708	NA	NA	1861.503	1359933	3.387887	0.139789	4.527613	3613.229	21.39574
1730	25.79899	18.73242	1969.167	1414692	3.372183	0.140198	4.64849	3610.608	21.3956
1733	26.12455	18.85536	2041.734	1465740	3.377202	0.140514	4.770774	3607.39	21.40184
1698	26.72067	19.165	2262.46	1513721	3.382129	0.140904	4.894339	3603.6	21.41648
1664	27.53057	19.6383	2063.148	1559983	3.384716	0.141372	5.019056	3599.188	21.44412
1654	28.52378	20.23402	2263.4	1606718	3.380992	0.141917	5.14479	3594.098	21.48152
1699	29.778	20.99483	2381.645	1655359	3.370326	0.142354	5.27141	3588.274	21.52731
1745	30.95364	21.66783	2311.964	1706489	3.365331	0.141683	5.398782	3582.421	21.58764
1832	32.54376	22.60133	2332.384	1758994	3.35419	0.140991	5.526775	3577.092	21.65427
1834	34.2392	23.55811	2113.443	1810566	3.338238	0.140306	5.655265	3572.387	21.72949
1955	36.16215	24.63575	2055.365	1858042	3.319247	0.139887	5.784129	3568.419	21.81962
2030	38.25009	25.79371	2018.681	1899257	3.299185	0.140045	5.913253	3565.318	21.91571
2054	39.305	26.30763	1797.921	1933596	3.313257	0.142112	6.042531	3566.143	22.01458
2004	40.01391	26.58421	1669.431	1962147	3.318304	0.143699	6.171867	3570.492	22.11078
2038	41.99432	27.75073	2422.305	1986535	3.316931	0.144203	6.301173	3578.635	22.20044
2059	42.67721	28.01481	3225.339	2009228	3.312914	0.143092	6.430376	3590.863	22.30373
2032	42.2553	27.54895	3504.284	2032196	3.307112	0.141036	6.559411	3607.477	22.39749
2029	41.20535	26.62762	3811.312	2055734	3.334381	0.138448	6.688226	3625.55	22.49846
2039	40.18612	25.69639	4202.511	2079915	3.358358	0.135884	6.816782	3641.94	22.58135
1960	39.67644	25.13244	4029.065	2106375	3.378268	0.133202	6.945051	3656.174	22.65217
1895	39.83374	24.973	4153.498	2137040	3.392028	0.130283	7.073017	3667.712	22.70602
1887	39.31296	24.35005	5191.583	2173170	3.397525	0.127435	7.200675	3675.936	22.7611
1914	38.42487	23.5301	5600.971	2215621	3.419041	0.1249	7.328029	3680.147	22.82113
1955	39.03733	23.59372	5749.405	2263934	3.434641	0.122431	7.455093	3683.099	22.87965
1965	39.71095	23.70894	5490.041	2316520	3.447412	0.120396	7.581889	3684.732	22.94999
2052	40.82763	24.0743	5392.712	2370992	3.461589	0.119108	7.708444	3685.739	23.00952
2156	41.19189	23.98444	4803.283	2425561	3.479814	0.118154	7.834794	3686.142	23.0733
2218	41.55872	23.90442	4549.422	2479713	3.513431	0.117397	7.960976	3686.071	23.14177
2180	41.62953	23.67605	5230.772	2533794	3.55242	0.117397	8.087032	3685.876	23.14177
1742	NA	NA	52.04188	10221759	2.591619	NA	0.677854	NA	NA
1745	NA	NA	55.28504	10384204	2.633307	NA	0.697391	NA	NA
1742	NA	NA	47.09395	10552267	2.662101	NA	0.717684	NA	NA
1758	NA	NA	46.24251	10728197	2.68513	NA	0.738781	NA	NA
1747	NA	NA	67.37087	10913724	2.705456	NA	0.760733	NA	NA
1722	NA	NA	81.62209	11109884	2.764367	NA	0.783595	NA	NA
1710	NA	NA	74.40019	11316826	2.817981	NA	0.807427	NA	NA
1758	NA	NA	66.95084	11534264	2.864465	NA	0.832291	NA	NA
1772	NA	NA	67.05299	11761473	2.901142	NA	0.858253	NA	NA
1758	NA	NA	72.17707	11997929	2.927272	NA	0.885383	NA	NA
1740	NA	NA	72.09917	12243768	2.989562	NA	0.913754	NA	NA
1711	NA	NA	81.93165	12499429	3.042355	NA	0.943445	NA	NA
1747	NA	NA	76.15394	12764957	3.084476	NA	0.974536	NA	NA
1744	NA	NA	93.39845	13040404	3.115149	NA	1.007112	NA	NA
1668	NA	NA	118.2509	13325814	3.134503	NA	1.041261	NA	NA



1945	NA	NA	NA	NA	NA	NA	NA	NA
2000	NA	NA	NA	NA	NA	NA	NA	NA
2006	NA	NA	NA	NA	NA	NA	NA	NA
1976	NA	NA	NA	NA	NA	NA	NA	NA
1947	NA	NA	NA	NA	NA	NA	NA	NA
1966	NA	NA	NA	NA	NA	NA	NA	NA
1994	NA	NA	NA	NA	NA	NA	NA	NA
1977	NA	NA	NA	NA	NA	NA	NA	NA
2019	NA	NA	NA	NA	NA	NA	NA	NA
1990	NA	NA	NA	NA	NA	NA	NA	NA
2038	NA	NA	NA	NA	NA	NA	NA	NA
2064	NA	NA	NA	NA	NA	NA	NA	NA
2051	NA	NA	NA	NA	NA	NA	NA	NA
2059	NA	NA	NA	NA	NA	NA	NA	NA
2068	NA	NA	NA	NA	NA	NA	NA	NA
2078	NA	NA	NA	NA	NA	NA	NA	NA
2050	NA	NA	NA	NA	NA	NA	NA	NA
2056	NA	NA	NA	NA	NA	NA	NA	NA
2047	NA	NA	NA	NA	NA	NA	NA	NA
2063	NA	NA	NA	NA	NA	NA	NA	NA
2073	NA	NA	NA	NA	NA	NA	NA	NA
2066	NA	NA	NA	NA	NA	NA	NA	NA
2081	NA	NA	NA	NA	NA	NA	NA	NA
2063	NA	NA	NA	NA	NA	NA	NA	NA
2048	NA	NA	NA	NA	NA	NA	NA	NA
2033	NA	NA	NA	NA	NA	NA	NA	NA
2064	NA	NA	NA	NA	NA	NA	NA	NA
2076	NA	NA	NA	NA	NA	NA	NA	NA
2089	NA	NA	NA	NA	NA	NA	NA	NA
2104	NA	NA	NA	NA	NA	NA	NA	NA
2122	NA	NA	NA	NA	NA	NA	NA	NA
2151	NA	NA	NA	NA	NA	NA	NA	NA
2151	NA	NA	NA	NA	NA	NA	NA	NA
2165	NA	NA	NA	NA	NA	NA	NA	NA
2163	NA	NA	NA	NA	NA	NA	NA	NA
2186	NA	NA	NA	NA	NA	NA	NA	NA
2204	NA	NA	NA	NA	NA	NA	NA	NA
2222	NA	NA	NA	NA	NA	NA	NA	NA
2243	NA	NA	NA	NA	NA	NA	NA	NA
2270	NA	NA	NA	NA	NA	NA	NA	NA
2283	NA	NA	NA	NA	NA	NA	NA	NA
2312	NA	NA	NA	NA	NA	NA	NA	NA
2320	NA	NA	NA	NA	NA	NA	NA	NA
2337	NA	NA	NA	NA	NA	NA	NA	NA
2343	NA	NA	NA	NA	NA	NA	NA	NA
2349	NA	NA	NA	NA	NA	NA	NA	NA
2357	NA	NA	NA	NA	NA	NA	NA	NA
2352	NA	NA	NA	NA	NA	NA	NA	NA
2355	NA	NA	NA	NA	NA	NA	NA	NA

2360	NA	NA	NA	NA	NA	NA	NA	NA	NA
2571	NA	NA	1159.392	11638712	9.015998	NA	10.40884	NA	NA
2555	NA	NA	1240.678	11805689	9.131368	NA	10.47102	NA	NA
2567	NA	NA	1328.037	11965966	9.253803	NA	10.53292	NA	NA
2532	NA	NA	1541.947	12127120	9.375795	NA	10.59459	NA	NA
2480	NA	NA	1708.096	12294732	9.495888	NA	10.65609	NA	NA
2532	NA	NA	1835.801	12456251	9.615708	NA	10.71748	NA	NA
2598	NA	NA	1991.361	12598201	9.731733	NA	10.77882	NA	NA
2556	NA	NA	2185.249	12729721	9.844951	NA	10.8402	NA	NA
2566	NA	NA	2446.335	12877984	9.959652	NA	10.90168	NA	NA
2539	NA	NA	2889.715	13038526	10.07966	NA	10.96336	NA	NA
2528	NA	NA	3335.494	13194497	10.20059	NA	11.02531	NA	NA
2568	NA	NA	4052.066	13328593	10.31805	NA	11.08762	NA	NA
2629	NA	NA	5277.35	13439322	10.43377	NA	11.15039	NA	NA
2662	NA	NA	6358.772	13545056	10.54806	NA	11.21372	NA	NA
2519	NA	NA	7241.886	13666335	10.66139	NA	11.27769	NA	NA
2613	NA	NA	7824.533	13774037	10.82794	NA	11.3424	NA	NA
2659	NA	NA	9049.812	13856185	10.98612	NA	11.40795	NA	NA
2662	NA	NA	11036.71	13941700	11.13383	NA	11.47442	NA	NA
2688	NA	NA	12635.2	14038270	11.26497	NA	11.54189	NA	NA
2662	NA	NA	13615.84	14149800	11.37742	0.311664	11.61045	6030.67	24.42678
2631	NA	NA	11373.41	14247208	11.51323	0.308889	11.68017	6026.67	24.46701
2670	NA	NA	10931.34	14312690	11.61818	0.30649	11.7511	6023.169	24.49737
2654	NA	NA	10544.05	14367070	11.71094	0.304388	11.8233	6020.058	24.52166
2754	NA	NA	9849.822	14424211	11.81705	0.302472	11.89681	6017.257	24.54942
2723	NA	NA	9799.443	14491632	11.95053	0.300625	11.97165	6014.711	24.57101
2729	NA	NA	13607.93	14572278	12.09852	0.298766	12.04784	6010.714	24.60043
2739	NA	NA	16496.3	14665037	12.26769	0.296804	12.12536	6006.718	24.64424
2727	NA	NA	17518.03	14760094	12.44258	0.294258	12.2042	6002.677	24.68518
2644	NA	NA	17175.65	14848907	12.59979	0.290588	12.28432	5998.551	24.72055
2724	104.4253	30.94093	21019.13	14951510	12.72814	0.286625	12.36566	5994.304	24.77163
2760	109.7327	31.85464	21454.86	15069798	12.84183	0.281721	12.44814	5989.915	24.83775
2760	111.7251	31.82325	23598.95	15184166	12.92595	0.275969	12.53169	5985.502	24.90015
2786	115.9898	32.45523	22827.3	15290368	12.99146	0.269696	12.61618	5981.063	24.94488
2742	116.9691	32.14102	24331.75	15382838	13.05528	0.263698	12.70151	5976.599	24.99616
2887	114.9857	31.15739	28884.71	15459006	13.12852	0.257652	12.78753	5972.117	25.04427
2922	118.1314	31.5716	28698.67	15530498	13.22335	0.254018	12.87409	5967.071	25.07608
2816	119.0999	31.29334	26404.99	15610650	13.31986	0.251683	12.96103	5961.411	25.09193
2912	117.4631	30.39033	27533.61	15707209	13.41593	0.249898	13.0482	5955.083	25.09824
2835	121.4332	30.71942	27951.73	15812088	13.50431	0.247552	13.13541	5948.028	25.10021
2817	118.8901	29.54884	25921.13	15925513	13.58208	0.24491	13.2225	5940.185	25.12432
2809	121.3902	29.55421	26584.12	16046180	13.69805	0.241919	13.30927	5935.797	25.17047
2808	125.4694	29.67159	28817.32	16148929	13.80132	0.237661	13.39556	5935.785	25.21728
2696	125.6728	28.90103	35245.16	16225302	13.90092	0.232105	13.48119	5940.603	25.26813
2749	122.7073	27.55208	39954.64	16281779	14.00849	0.226344	13.566	5950.75	25.32398
2785	119.7231	26.44928	41577.16	16319868	14.13366	0.220224	13.64983	5966.778	25.37387
2772	117.7059	25.75552	44453.97	16346101	14.32878	0.213631	13.73252	5985.99	25.42784
2802	115.2077	24.83076	51241.32	16381696	14.5355	0.206354	13.81393	6004.045	25.49135
2789	117.7333	24.8402	56928.82	16445593	14.77326	0.198749	13.89395	6020.442	25.56657



2772	NA	NA	NA	NA	NA	NA	NA	NA
2686	NA	NA	NA	NA	NA	NA	NA	NA
2685	NA	NA	NA	NA	NA	NA	NA	NA
2644	NA	NA	NA	NA	NA	NA	NA	NA
2680	NA	NA	NA	NA	NA	NA	NA	NA
2705	NA	NA	NA	NA	NA	NA	NA	NA
2706	NA	NA	NA	NA	NA	NA	NA	NA
2683	NA	NA	NA	NA	NA	NA	NA	NA
2714	NA	NA	NA	NA	NA	NA	NA	NA
2748	NA	NA	NA	NA	NA	NA	NA	NA
2537	NA	NA	81200	3.643403	NA	NA	NA	NA
2554	NA	NA	83400	3.625418	NA	NA	NA	NA
2497	NA	NA	85700	3.602817	NA	NA	NA	NA
2559	NA	NA	88100	3.574211	NA	NA	NA	NA
2620	NA	1763.475	90500	3.539474	NA	NA	NA	NA
2637	NA	1756.22	93500	3.54482	NA	NA	NA	NA
2646	NA	1865.666	96500	3.533845	NA	NA	NA	NA
2669	NA	2165.901	99500	3.526047	NA	NA	NA	NA
2735	NA	2529.893	104000	3.537689	NA	NA	NA	NA
2826	NA	3203.711	112000	3.567088	NA	NA	NA	NA
2978	NA	3446.953	120000	3.667486	NA	NA	NA	NA
2910	NA	4031.016	125500	3.782265	NA	NA	NA	NA
2895	NA	4220.194	128500	3.896805	NA	NA	NA	NA
2781	NA	4865.65	131000	3.996275	NA	NA	NA	NA
2727	NA	6163.38	132500	4.07557	NA	NA	NA	NA
2683	NA	5957.541	134000	4.140984	NA	NA	NA	NA
2667	NA	6158.947	136000	4.192279	NA	NA	NA	NA
2623	NA	6152.783	137500	4.237693	NA	NA	NA	NA
2564	NA	7561.192	138500	4.265901	NA	NA	NA	NA
2629	NA	8443.107	140050	4.287466	NA	NA	NA	NA
2560	NA	6817.833	142650	4.378116	NA	NA	NA	NA
2594	NA	6208.783	145700	4.445039	NA	NA	NA	NA
2558	NA	5540.235	148700	4.498368	NA	NA	NA	NA
2584	NA	5249.054	151650	4.549652	NA	NA	NA	NA
2508	NA	5534.631	154450	4.606301	NA	NA	NA	NA
2567	NA	7634.334	157350	4.670495	NA	NA	NA	NA
2622	NA	9271.735	160500	4.73916	NA	NA	NA	NA
2436	NA	12665.66	163650	4.815762	NA	NA	NA	NA
2501	NA	13092.26	166898	4.888115	NA	NA	NA	NA
2398	NA	14800.03	170899	4.949142	NA	NA	NA	NA
2521	NA	15133.16	175362	4.994582	NA	NA	NA	NA
2458	NA	16261.3	179799	5.031967	NA	NA	NA	NA
2507	NA	16640.8	184496	5.06311	NA	NA	NA	NA
2488	NA	16037.03	189482	5.101898	NA	NA	NA	NA
2407	NA	18721.06	193816	5.147013	NA	NA	NA	NA
2476	NA	18257.22	197564	5.279793	NA	NA	NA	NA
2529	NA	16341.59	201418	5.422727	NA	NA	NA	NA
2502	NA	15387.87	205279	5.570575	NA	NA	NA	NA
2528	NA	14611.83	209214	5.719094	NA	NA	NA	NA

2540	NA	NA	12579.6	213230	5.865994	NA	NA	NA	NA
2555	NA	NA	NA	217324	6.03944	NA	NA	NA	NA
2555	NA	NA	NA	221490	6.209292	NA	NA	NA	NA
2545	NA	NA	NA	225296	6.382818	NA	NA	NA	NA
2537	NA	NA	NA	228750	6.573664	NA	NA	NA	NA
2520	NA	NA	NA	232250	6.788548	NA	NA	NA	NA
2538	NA	NA	NA	235750	7.253156	NA	NA	NA	NA
2540	NA	NA	NA	239250	7.755415	NA	NA	NA	NA
2545	NA	NA	NA	242750	8.276931	NA	NA	NA	NA
2576	NA	NA	NA	245950	8.800669	NA	NA	NA	NA
2590	NA	NA	NA	249750	9.31536	NA	NA	NA	NA
2615	NA	NA	NA	254350	9.412661	NA	NA	NA	NA
2633	NA	NA	NA	259000	9.494918	NA	NA	NA	NA
2632	NA	NA	NA	263650	9.570085	NA	NA	NA	NA
2619	NA	NA	NA	268050	9.65058	NA	NA	NA	NA
2581	NA	NA	NA	272400	9.741686	NA	NA	NA	NA
2538	NA	NA	NA	276550	9.842414	NA	NA	NA	NA
2551	NA	NA	NA	280460	9.954209	NA	NA	NA	NA
2478	NA	NA	2343.292	2419700	8.500387	NA	10.03563	NA	NA
2500	NA	NA	2448.629	2482000	8.388466	NA	10.11252	NA	NA
2496	NA	NA	2622.22	2531800	8.295875	NA	10.1888	NA	NA
2560	NA	NA	2813.547	2585400	8.213003	NA	10.26445	NA	NA
2521	NA	NA	2151.295	2628400	8.135892	NA	10.33943	NA	NA
2631	NA	NA	2191.313	2675900	8.205897	NA	10.41372	NA	NA
2549	NA	NA	2188.399	2724100	8.268102	NA	10.4873	NA	NA
2547	NA	NA	1885.156	2748100	8.329427	NA	10.56015	NA	NA
2521	NA	NA	2077.896	2772800	8.398673	NA	10.63223	NA	NA
2505	NA	NA	2356.54	2810700	8.479921	NA	10.70355	NA	NA
2584	NA	NA	2827.527	2853000	8.528672	NA	10.77407	NA	NA
2608	NA	NA	3381.703	2903900	8.570065	NA	10.84378	NA	NA
2639	NA	NA	4398.374	2961300	8.607655	NA	10.91269	NA	NA
2615	NA	NA	4652.982	3023700	8.651239	NA	10.98078	NA	NA
2725	NA	NA	4214.997	3083100	8.711708	NA	11.04805	NA	NA
2785	NA	NA	4376.347	3110500	8.916383	NA	11.11451	NA	NA
2687	NA	NA	4958.184	3120200	9.140291	NA	11.18015	NA	NA
2660	NA	NA	5963.774	3121200	9.368652	NA	11.24498	NA	NA
2590	NA	NA	6619.809	3109000	9.579475	NA	11.30902	NA	NA
2639	NA	NA	7436.786	3112900	9.762796	0.327418	11.37228	4403.51	25.29655
2638	NA	NA	7733.958	3124900	9.905246	0.307481	11.43479	4407.907	25.2916
2616	NA	NA	7713.707	3156100	10.01484	0.289297	11.49656	4411.755	25.29482
2561	NA	NA	7652.543	3199300	10.10962	0.272826	11.55762	4415.175	25.30773
2637	NA	NA	6787.509	3227100	10.21275	0.258669	11.618	4418.253	25.32115
2589	NA	NA	7684.055	3247100	10.3345	0.246819	11.67774	4421.052	25.34038
2661	NA	NA	9427.554	3246300	10.48997	0.237171	11.73686	4425.445	25.37737
2661	NA	NA	12319.39	3274400	10.65142	0.229207	11.79542	4429.837	25.41638
2650	NA	NA	13855.48	3283400	10.81754	0.222547	11.85344	4434.28	25.45225
2603	NA	NA	13388.26	3299200	10.97791	0.21865	11.91097	4438.815	25.48038
2784	100.1306	30.1162	13670.2	3329800	11.12292	0.216206	11.96806	4443.482	25.54742
2717	96.77422	28.73067	12233.13	3495100	11.21848	0.214626	12.02475	4447.839	25.61965

2718	92.8938	27.27545	11789.23	3531700	11.31278	0.214124	12.08108	4451.711	25.7014
2774	96.44569	27.84017	13076.54	3572200	11.4039	0.214139	12.13711	4455.056	25.78771
2694	94.96364	26.92737	15235.96	3620000	11.48705	0.214317	12.19288	4457.819	25.87947
2792	101.0918	28.23242	17400.24	3673400	11.55756	0.214487	12.24844	4459.941	25.96626
2746	100.0611	27.63961	18794.44	3732000	11.6239	0.214496	12.30382	4459.401	26.10554
2751	99.30554	26.95725	17474.02	3781300	11.67227	0.214536	12.35908	4456.466	26.24773
2731	97.21864	25.9642	14738.58	3815000	11.71369	0.214076	12.41425	4450.963	26.39497
2709	99.42832	26.21408	15322.22	3835100	11.75971	0.212526	12.46938	4442.705	26.52705
2660	96.16818	25.12217	13640.99	3857700	11.81643	0.210458	12.52449	4431.496	26.63103
2581	94.99022	24.69548	13882.86	3880500	11.8445	0.20746	12.57964	4422.29	26.71909
2594	96.61357	24.78699	16874.19	3948500	11.87884	0.203499	12.63483	4417.459	26.81113
2576	97.62243	24.62533	21913.71	4027200	11.92516	0.199602	12.69011	4417.621	26.89721
2632	97.6999	24.29742	25420.07	4087500	11.98631	0.194944	12.74549	4423.461	26.988
2639	94.25196	23.21838	27750.72	4133900	12.06312	0.189476	12.80099	4435.747	27.06839
2635	93.29588	22.87997	26671.33	4184600	12.2204	0.183758	12.85663	4452.068	27.1366
2649	91.95782	22.48261	32510.08	4223800	12.38021	0.179677	12.91242	4467.445	27.19882
2675	92.55918	22.53405	31287.78	4259800	12.55718	0.175786	12.96837	4481.393	27.28001
2619	91.80668	22.07474	28201.23	4302600	12.77632	0.172681	13.02447	4493.331	27.35983
2652	89.58789	21.37917	33692.01	4350700	13.05274	0.17025	13.08073	4502.558	27.41294
2633	88.86196	21.14334	38426.55	4384000	13.2893	0.168153	13.13714	4508.241	27.44077
2628	89.33767	20.94298	39970.26	4408100	13.59443	0.166415	13.1937	4512.958	27.47293
2642	87.89973	20.30255	42949.33	4442100	13.94429	0.165359	13.25039	4515.467	27.52317
2660	87.7552	20.07849	44560.64	4509700	14.30203	0.165341	13.30719	4517.342	27.57357
2658	88.47891	19.92174	38649.38	4595700	14.64716	0.165343	13.36409	4518.517	27.60165
2657	88.12112	19.53206	40331.96	4693200	14.99839	0.165357	13.42106	4518.979	27.62274
2657	87.18371	19.22642	42940.58	4793900	15.32171	0.165357	13.47809	4518.845	27.62557
1644	NA	NA	131.4056	1830400	2.541466	NA	1.893632	NA	NA
1646	NA	NA	140.6217	1886562	2.536784	NA	1.945759	NA	NA
1657	NA	NA	150.7089	1943590	2.528157	NA	1.999301	NA	NA
1713	NA	NA	170.8059	2002119	2.517233	NA	2.054306	NA	NA
1745	NA	NA	274.6701	2062630	2.5052	NA	2.110823	NA	NA
1776	NA	NA	285.4602	2125240	2.521127	NA	2.168899	NA	NA
1817	NA	NA	300.0945	2189882	2.531735	NA	2.228582	NA	NA
1831	NA	NA	308.3594	2256782	2.539324	NA	2.289916	NA	NA
1785	NA	NA	321.5506	2326139	2.544818	NA	2.352942	NA	NA
1782	NA	NA	323.8343	2398096	2.54873	NA	2.417699	NA	NA
1748	NA	NA	334.2848	2472656	2.570879	NA	2.484221	NA	NA
1678	NA	NA	345.4592	2549774	2.590936	NA	2.552537	NA	NA
1704	NA	NA	415.8849	2629505	2.609084	NA	2.622671	NA	NA
1669	NA	NA	560.8353	2711848	2.62559	NA	2.694641	NA	NA
1691	NA	NA	568.6711	2796746	2.641212	NA	2.768456	NA	NA
1664	NA	NA	640.6977	2884155	2.668546	NA	2.844121	NA	NA
1707	NA	NA	753.1954	2973806	2.695872	NA	2.92163	NA	NA
1656	NA	NA	698.8734	3065117	2.722343	NA	3.000972	NA	NA
1604	NA	NA	483.9027	3157355	2.74749	NA	3.082125	NA	NA
1641	NA	NA	673.664	3249910	2.770969	0.12822	3.165062	6261.531	25.34033
1770	NA	NA	732.4357	3342669	2.805154	0.128168	3.249745	6262.346	25.36627
1598	NA	NA	717.5512	3435525	2.835957	0.127878	3.336131	6263.06	25.39416
1653	NA	NA	777.6046	3527939	2.866631	0.127356	3.424169	6263.694	25.43811



1732	NA	NA	858.0547	3619253	2.901372	0.126571	3.513799	6264.264	25.48543
1747	NA	NA	723.5779	3709091	2.942203	0.125565	3.604959	6264.783	25.52786
1780	NA	NA	760.0141	3796917	2.989926	0.124377	3.697578	6265.597	25.56721
1744	NA	NA	991.8286	3882943	3.041894	0.122977	3.791584	6266.412	25.5998
1773	NA	NA	662.9545	3968454	3.096319	0.121506	3.886899	6267.235	25.61716
1718	NA	NA	249.8443	4055265	3.150768	0.119984	3.983444	6268.076	25.62785
1492	15.8248	7.773371	243.5613	4144565	3.203786	0.118461	4.081137	6268.941	25.62798
1581	16.47776	8.023145	351.3982	4236801	3.269283	0.117136	4.179897	6268.618	25.62514
1511	16.3408	7.898719	413.9195	4331277	3.33135	0.115882	4.279643	6266.973	25.62338
1578	17.07712	8.209721	396.7971	4426580	3.39045	0.114739	4.380295	6263.884	25.62319
1606	17.19654	8.227342	854.5499	4520725	3.447566	0.113015	4.481777	6259.219	25.63313
1638	18.00325	8.500939	897.7158	4612228	3.503383	0.111442	4.584014	6252.835	25.663
1630	18.55551	8.610848	916.5187	4700779	3.57345	0.110078	4.686937	6245.374	25.71298
1624	18.66817	8.54987	917.1288	4786640	3.640362	0.108789	4.79048	6238.063	25.77477
1718	18.97155	8.580641	951.8734	4869626	3.70587	0.108005	4.894583	6231.039	25.88173
1735	19.40625	8.63454	981.0205	4949660	3.771128	0.106008	4.999193	6224.457	26.01061
1773	19.89259	8.72857	1016.021	5026796	3.837235	0.104511	5.104263	6218.501	26.15042
1940	20.77301	8.996074	1043.601	5100750	3.924168	0.103306	5.20975	6215.464	26.28808
1932	21.39494	9.124893	1010.147	5171734	4.010009	0.102343	5.315622	6214.906	26.43114
1962	21.81399	9.169571	1015.565	5240879	4.096202	0.101787	5.421852	6217.04	26.56745
2003	22.54079	9.360234	1091.505	5309703	4.184396	0.101543	5.52842	6222.085	26.67297
2045	23.01033	9.446613	1175.116	5379328	4.275441	0.101316	5.635315	6230.265	26.77919
2052	22.5189	9.131897	1240.993	5450211	4.372913	0.100921	5.74253	6238.941	26.89062
2111	23.17489	9.254954	1344.302	5522106	4.475122	0.100557	5.850068	6245.815	27.0317
2100	23.75006	9.34542	1518.805	5594506	4.575006	0.100178	5.957936	6250.497	27.17025
2106	24.11052	9.390584	1464.498	5666581	4.662582	0.100279	6.066149	6252.543	27.30108
2144	24.17304	9.295603	1526.498	5737723	4.734544	0.100314	6.174726	6251.449	27.43423
2171	24.80187	9.417114	1682.958	5807820	4.789267	0.100353	6.283692	6246.646	27.56491
2190	25.21568	9.483432	1792.038	5877108	4.831849	0.100052	6.393076	6240.617	27.69378
2269	25.80902	9.602015	1847.198	5945747	4.880379	0.09965	6.502911	6237.744	27.81525
2161	27.07961	9.93989	1975.465	6013997	4.960096	0.099433	6.613232	6234.763	27.9307
2147	26.78266	9.724377	2073.498	6082035	5.085321	0.099174	6.724079	6231.952	28.03405
2260	26.69455	9.579838	2143.926	6149928	5.247541	0.098905	6.835489	6229.854	28.12574
2240	26.82197	9.510316	2221.806	6217581	5.444979	0.098905	6.947505	6229.565	28.12574
1588	NA	NA	139.3414	3486295	1.193875	NA	0.205406	NA	NA
1589	NA	NA	148.1921	3588156	1.251534	NA	0.218898	NA	NA
1615	NA	NA	158.7212	3693866	1.303946	NA	0.233267	NA	NA
1655	NA	NA	153.2662	3802640	1.351798	NA	0.248558	NA	NA
1810	NA	NA	172.0478	3913934	1.395961	NA	0.264817	NA	NA
1816	NA	NA	174.364	4027758	1.444029	NA	0.282087	NA	NA
1897	NA	NA	160.5993	4144395	1.486369	NA	0.300412	NA	NA
2023	NA	NA	150.3876	4263745	1.524177	NA	0.319833	NA	NA
1964	NA	NA	142.7046	4385758	1.559343	NA	0.340389	NA	NA
1932	NA	NA	144.0904	4510479	1.592935	NA	0.362115	NA	NA
2052	NA	NA	149.547	4637829	1.637663	NA	0.385043	NA	NA
1905	NA	NA	155.7818	4768078	1.678685	NA	0.409199	NA	NA
1964	NA	NA	193.0608	4902006	1.715339	NA	0.434605	NA	NA
1968	NA	NA	203.5721	5040656	1.747015	NA	0.461275	NA	NA
1978	NA	NA	202.2621	5184811	1.7737	NA	0.489217	NA	NA

2053	NA	NA	199.5378	5334918	1.813505	NA	0.518429	NA	NA
2075	NA	NA	235.1988	5490921	1.847869	NA	0.548903	NA	NA
2085	NA	NA	313.9161	5652355	1.877713	NA	0.580618	NA	NA
2083	NA	NA	362.512	5818506	1.903513	NA	0.613548	NA	NA
2132	NA	NA	418.862	5988904	1.925177	0.040543	0.647652	5684.991	21.14439
2135	NA	NA	352.1887	6164006	1.962236	0.040408	0.682882	5689.687	21.16989
2164	NA	NA	318.0155	6344382	1.996507	0.040257	0.719178	5693.797	21.19247
2163	NA	NA	276.13	6529894	2.028456	0.040086	0.756473	5697.449	21.21385
2105	NA	NA	217.4358	6720344	2.059939	0.039904	0.794687	5700.737	21.22981
2053	NA	NA	208.2991	6915927	2.092344	0.039735	0.833734	5703.725	21.24297
2022	NA	NA	267.5517	7116744	2.132773	0.039944	0.873521	5708.417	21.24434
2059	NA	NA	304.8901	7323969	2.174722	0.040107	0.913949	5713.108	21.24483
2092	NA	NA	302.4244	7540253	2.217406	0.040226	0.954914	5717.852	21.25099
2096	NA	NA	280.5469	7768995	2.25916	0.040336	0.996311	5722.695	21.26033
2220	14.12191	11.14486	309.5865	8012861	2.299291	0.040399	1.038035	5727.68	21.26661
2045	14.23176	11.18298	281.3965	8272976	2.328461	0.040359	1.079982	5731.33	21.27528
2030	14.416	11.28043	274.286	8549424	2.355387	0.040326	1.122054	5733.369	21.28289
2001	14.51124	11.31246	181.6904	8842415	2.379893	0.040286	1.164159	5733.651	21.2731
1963	14.64973	11.3715	170.8094	9151763	2.401668	0.040206	1.206215	5732.011	21.26672
2002	14.74797	11.40954	198.4528	9477333	2.420607	0.040094	1.24815	5728.266	21.25882
2041	14.67722	11.30926	202.4214	9819964	2.426506	0.04014	1.289908	5723.175	21.24933
2108	14.74219	11.29904	181.2955	10180061	2.43028	0.04012	1.331447	5718.254	21.24658
2116	14.75806	11.24235	196.725	10556549	2.432395	0.040006	1.372744	5713.665	21.25324
2154	14.77855	11.21023	184.3465	10947829	2.432976	0.040466	1.413791	5709.598	21.30909
2263	14.76739	11.16207	158.4056	11352973	2.432394	0.040701	1.454604	5706.274	21.376
2282	14.83278	11.14584	165.2507	11771976	2.429601	0.040667	1.495217	5706.97	21.44792
2251	14.79359	11.03304	177.8208	12206002	2.425913	0.040571	1.535684	5711.21	21.52826
2335	14.78079	10.92849	215.805	12656870	2.422834	0.040324	1.576082	5719.298	21.61478
2380	14.80645	10.86805	232.5662	13127012	2.422356	0.040126	1.616504	5731.555	21.69904
2371	14.86818	10.8418	250.0384	13618449	2.425394	0.039996	1.657066	5748.313	21.78158
2376	14.8782	10.799	258.0464	14132064	2.434358	0.040072	1.697901	5767.314	21.85698
2404	14.82968	10.71391	292.5596	14668338	2.44406	0.040446	1.739158	5785.381	21.89991
2462	14.83799	10.6588	353.2384	15228525	2.453645	0.041674	1.781002	5802.106	21.94525
2455	14.89592	10.65215	339.7703	15813913	2.462218	0.043192	1.823613	5817.018	21.98013
2486	14.92359	10.62136	348.1561	16425578	2.469508	0.044765	1.86718	5829.573	22.01774
2486	15.01532	10.65405	375.5829	17064636	2.487566	0.04635	1.911905	5839.147	22.04873
2518	15.14477	10.71487	391.5182	17731634	2.504332	0.047971	1.957997	5847.864	22.07721
2496	15.34469	10.83129	416.1401	18426372	2.519536	0.048828	2.005673	5852.346	22.10045
2498	15.59073	10.98591	429.791	19148219	2.532241	0.049357	2.055154	5856.019	22.12214
2504	15.78338	11.09018	362.7522	19896965	2.542337	0.049662	2.106665	5858.704	22.14021
2531	16.01854	11.21251	364.1605	20672987	2.549424	0.049782	2.160432	5860.173	22.14851
2540	16.15107	11.25871	378.0593	21477348	2.553192	0.049782	2.216681	5860.112	22.14851
1931	NA	NA	96.98043	46062905	2.858296	NA	1.032264	NA	NA
2006	NA	NA	104.3885	47029140	2.883227	NA	1.0872	NA	NA
1971	NA	NA	107.5421	48032246	2.894776	NA	1.144746	NA	NA
1941	NA	NA	113.1703	49066059	2.889633	NA	1.204982	NA	NA
1864	NA	NA	117.1903	50127214	2.867678	NA	1.267989	NA	NA
1721	NA	NA	124.3093	51217359	2.885389	NA	1.33384	NA	NA
1815	NA	NA	99.40683	52341834	2.887341	NA	1.402604	NA	NA

1815	NA	NA	97.20215	53505978	2.876675	NA	1.474341	NA	NA
1927	NA	NA	121.246	54716735	2.856665	NA	1.549102	NA	NA
1973	NA	NA	224.1075	55981400	2.829474	NA	1.626929	NA	NA
1837	NA	NA	160.2537	57295210	2.844772	NA	1.70785	NA	NA
1626	NA	NA	209.2375	58662603	2.849458	NA	1.791877	NA	NA
1744	NA	NA	252.2502	60110433	2.844613	NA	1.87901	NA	NA
1860	NA	NA	402.8735	61673559	2.831238	NA	1.969228	NA	NA
1812	NA	NA	438.3363	63373572	2.810574	NA	2.062492	NA	NA
1718	NA	NA	556.6608	65226229	2.817442	NA	2.158742	NA	NA
1723	NA	NA	536.1151	67215805	2.81622	NA	2.257898	NA	NA
1710	NA	NA	527.1466	69293550	2.808663	NA	2.359855	NA	NA
1651	NA	NA	661.9843	71391290	2.796729	NA	2.464487	NA	NA
1759	NA	NA	873.9607	73460724	2.782202	0.088844	2.571643	5649.6	22.09259
1771	NA	NA	2178.983	75482552	2.808268	0.088777	2.681153	5653.195	22.12227
1780	NA	NA	1842.83	77472907	2.827781	0.088673	2.792822	5656.341	22.15699
1627	NA	NA	1221.899	79462277	2.841235	0.088489	2.906437	5659.137	22.19528
1690	NA	NA	901.6736	81497739	2.849198	0.088222	3.021768	5661.653	22.23836
1812	NA	NA	881.9867	83613300	2.852601	0.087895	3.138567	5663.941	22.29247
1950	NA	NA	638.6251	85818502	2.871658	0.087526	3.256575	5667.532	22.34331
1900	NA	NA	597.9009	88101628	2.883076	0.087111	3.375524	5671.123	22.39157
1977	NA	NA	548.9034	90450281	2.887673	0.086694	3.49514	5674.755	22.44997
2063	NA	NA	473.9444	92844353	2.88601	0.086404	3.615147	5678.462	22.51709
2151	40.59906	29.64302	567.1859	95269988	2.879049	0.086242	3.735271	5682.278	22.58782
2283	40.84633	29.71158	502.6121	97726323	2.893044	0.084464	3.855244	5685.291	22.67688
2378	41.24406	29.89887	476.8926	1E+08	2.898141	0.082385	3.974809	5687.31	22.7794
2460	41.44165	29.95133	270.0636	1.03E+08	2.895666	0.079862	4.093722	5688.245	22.88753
2449	42.09012	30.25793	321.1313	1.05E+08	2.886679	0.076783	4.211755	5687.992	23.00116
2483	42.61338	30.45017	407.9425	1.08E+08	2.872267	0.073061	4.328702	5686.439	23.11153
2497	42.89847	30.43678	461.2524	1.11E+08	2.876208	0.06869	4.444382	5683.428	23.21918
2531	43.19146	30.42333	479.7088	1.14E+08	2.870732	0.06386	4.558638	5679.841	23.31937
2553	43.51292	30.42126	469.1644	1.16E+08	2.857628	0.058858	4.671343	5675.717	23.40197
2556	44.04462	30.51313	497.562	1.19E+08	2.838577	0.053245	4.782402	5671.105	23.43457
2531	44.45528	30.48248	567.6144	1.22E+08	2.81501	0.049327	4.891751	5666.068	23.45901
2511	44.89345	30.49234	590.0553	1.25E+08	2.815628	0.046755	4.999363	5663.747	23.47343
2498	45.1132	30.37343	741.3403	1.29E+08	2.806899	0.045049	5.105243	5664.548	23.48643
2507	45.40546	30.25773	794.9529	1.32E+08	2.790349	0.043859	5.209434	5668.808	23.50057
2554	45.91	30.2115	1007.329	1.35E+08	2.7678	0.042823	5.312016	5676.89	23.47042
2610	46.07235	29.88569	1267.704	1.39E+08	2.740806	0.04197	5.413103	5689.186	23.44748
2637	46.97435	30.0103	1655.545	1.43E+08	2.754635	0.04121	5.512847	5703.935	23.42879
2634	47.57292	29.94836	1882.47	1.46E+08	2.761082	0.040514	5.611435	5718.054	23.41847
2638	48.16852	29.93344	2241.712	1.5E+08	2.760255	0.039837	5.709086	5731.2	23.41396
2585	49.0015	30.10445	1890.389	1.54E+08	2.752116	0.038985	5.806051	5742.972	23.41572
2611	49.9042	30.30814	2291.36	1.59E+08	2.737474	0.038119	5.902614	5752.897	23.43605
2616	50.53633	30.43621	2519.29	1.63E+08	2.753116	0.037303	5.99908	5760.424	23.47331
2568	51.37742	30.71326	2745.867	1.67E+08	2.759874	0.036619	6.095784	5767.294	23.50408
2601	51.99835	30.93993	2996.964	1.72E+08	2.758717	0.036304	6.193077	5770.831	23.51798
2509	52.76041	31.29963	3221.678	1.76E+08	2.750406	0.036236	6.291329	5773.733	23.59149
2440	53.23301	31.42549	2729.763	1.81E+08	2.73619	0.0363	6.390919	5775.855	23.65874
2472	54.04687	31.74012	2175.656	1.86E+08	2.747133	0.036433	6.492238	5777.013	23.71365



2756	NA	NA	NA	NA	NA	NA	NA	NA
2805	NA	NA	NA	NA	NA	NA	NA	NA
2814	NA	NA	NA	NA	NA	NA	NA	NA
2833	NA	NA	NA	NA	NA	NA	NA	NA
2843	NA	NA	NA	NA	NA	NA	NA	NA
2854	NA	NA	NA	NA	NA	NA	NA	NA
2905	NA	NA	NA	NA	NA	NA	NA	NA
2930	NA	NA	NA	NA	NA	NA	NA	NA
2923	NA	NA	NA	NA	NA	NA	NA	NA
2936	NA	NA	NA	NA	NA	NA	NA	NA
2929	NA	NA	NA	NA	NA	NA	NA	NA
2923	NA	NA	NA	NA	NA	NA	NA	NA
2901	NA	NA	NA	NA	NA	NA	NA	NA
2414	NA	NA	NA	NA	NA	NA	NA	NA
2396	NA	NA	NA	NA	NA	NA	NA	NA
2422	NA	NA	NA	NA	NA	NA	NA	NA
2463	NA	NA	NA	NA	NA	NA	NA	NA
2467	NA	NA	NA	NA	NA	NA	NA	NA
2491	NA	NA	NA	NA	NA	NA	NA	NA
2509	NA	NA	NA	NA	NA	NA	NA	NA
2524	NA	NA	NA	NA	NA	NA	NA	NA
2546	NA	NA	NA	NA	NA	NA	NA	NA
2538	NA	NA	NA	NA	NA	NA	NA	NA
2553	NA	NA	NA	NA	NA	NA	NA	NA
2560	NA	NA	NA	NA	NA	NA	NA	NA
2552	NA	NA	NA	NA	NA	NA	NA	NA
2568	NA	NA	NA	NA	NA	NA	NA	NA
2586	NA	NA	NA	NA	NA	NA	NA	NA
2702	NA	NA	NA	NA	NA	NA	NA	NA
2668	NA	NA	NA	NA	NA	NA	NA	NA
2695	NA	NA	NA	NA	NA	NA	NA	NA
2754	NA	NA	NA	NA	NA	NA	NA	NA
2753	NA	NA	NA	NA	NA	NA	NA	NA
2801	NA	NA	NA	NA	NA	NA	NA	NA
2804	NA	NA	NA	NA	NA	NA	NA	NA
2852	NA	NA	NA	NA	NA	NA	NA	NA
2915	NA	NA	NA	NA	NA	NA	NA	NA
3043	NA	NA	NA	NA	NA	NA	NA	NA
3013	NA	NA	NA	NA	NA	NA	NA	NA
3100	NA	NA	NA	NA	NA	NA	NA	NA
3102	NA	NA	NA	NA	NA	NA	NA	NA
3077	NA	NA	NA	NA	NA	NA	NA	NA
3129	NA	NA	NA	NA	NA	NA	NA	NA
3157	NA	NA	NA	NA	NA	NA	NA	NA
3192	NA	NA	NA	NA	NA	NA	NA	NA
3237	NA	NA	NA	NA	NA	NA	NA	NA
3289	NA	NA	NA	NA	NA	NA	NA	NA
3213	NA	NA	NA	NA	NA	NA	NA	NA
3223	NA	NA	NA	NA	NA	NA	NA	NA

3285	NA	NA	NA	NA	NA	NA	NA	NA
3304	NA	NA	NA	NA	NA	NA	NA	NA
3311	NA	NA	NA	NA	NA	NA	NA	NA
3407	NA	NA	NA	NA	NA	NA	NA	NA
3369	NA	NA	NA	NA	NA	NA	NA	NA
3413	NA	NA	NA	NA	NA	NA	NA	NA
3408	NA	NA	NA	NA	NA	NA	NA	NA
3428	NA	NA	NA	NA	NA	NA	NA	NA
3439	NA	NA	NA	NA	NA	NA	NA	NA
3416	NA	NA	NA	NA	NA	NA	NA	NA
3411	NA	NA	NA	NA	NA	NA	NA	NA
3362	NA	NA	NA	NA	NA	NA	NA	NA
3319	NA	NA	NA	NA	NA	NA	NA	NA
3331	NA	NA	NA	NA	NA	NA	NA	NA
3317	NA	NA	NA	NA	NA	NA	NA	NA
3349	NA	NA	NA	NA	NA	NA	NA	NA
3336	NA	NA	NA	NA	NA	NA	NA	NA
3358	NA	NA	NA	NA	NA	NA	NA	NA
3378	NA	NA	NA	NA	NA	NA	NA	NA
3394	NA	NA	NA	NA	NA	NA	NA	NA
3409	NA	NA	NA	NA	NA	NA	NA	NA
2683	NA	NA	NA	NA	NA	NA	NA	NA
2699	NA	NA	NA	NA	NA	NA	NA	NA
2689	NA	NA	NA	NA	NA	NA	NA	NA
2689	NA	NA	NA	NA	NA	NA	NA	NA
2686	NA	NA	NA	NA	NA	NA	NA	NA
2696	NA	NA	NA	NA	NA	NA	NA	NA
2670	NA	NA	NA	NA	NA	NA	NA	NA
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2708	NA	NA	NA	NA	NA	NA	NA	NA
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2700	NA	NA	NA	NA	NA	NA	NA	NA
2699	NA	NA	NA	NA	NA	NA	NA	NA
2680	NA	NA	NA	NA	NA	NA	NA	NA
2667	NA	NA	NA	NA	NA	NA	NA	NA
2707	NA	NA	NA	NA	NA	NA	NA	NA
2686	NA	NA	NA	NA	NA	NA	NA	NA
2689	NA	NA	NA	NA	NA	NA	NA	NA
2737	NA	NA	NA	NA	NA	NA	NA	NA
2716	NA	NA	NA	NA	NA	NA	NA	NA
2694	NA	NA	NA	NA	NA	NA	NA	NA
2686	NA	NA	NA	NA	NA	NA	NA	NA
2699	NA	NA	NA	NA	NA	NA	NA	NA
2719	NA	NA	NA	NA	NA	NA	NA	NA
2778	NA	NA	NA	NA	NA	NA	NA	NA
2792	NA	NA	NA	NA	NA	NA	NA	NA
2803	NA	NA	NA	NA	NA	NA	NA	NA
2818	NA	NA	NA	NA	NA	NA	NA	NA

2806	NA	NA	NA	NA	NA	NA	NA	NA
2811	NA	NA	NA	NA	NA	NA	NA	NA
2794	NA	NA	NA	NA	NA	NA	NA	NA
2851	NA	NA	NA	NA	NA	NA	NA	NA
2828	NA	NA	NA	NA	NA	NA	NA	NA
2806	NA	NA	NA	NA	NA	NA	NA	NA
2799	NA	NA	NA	NA	NA	NA	NA	NA
2847	NA	NA	NA	NA	NA	NA	NA	NA
2915	NA	NA	NA	NA	NA	NA	NA	NA
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2964	NA	NA	NA	NA	NA	NA	NA	NA
2947	NA	NA	NA	NA	NA	NA	NA	NA
2974	NA	NA	NA	NA	NA	NA	NA	NA
2981	NA	NA	NA	NA	NA	NA	NA	NA
2981	NA	NA	NA	NA	NA	NA	NA	NA
3007	NA	NA	NA	NA	NA	NA	NA	NA
3042	NA	NA	NA	NA	NA	NA	NA	NA
3067	NA	NA	NA	NA	NA	NA	NA	NA
3045	NA	NA	NA	NA	NA	NA	NA	NA
3042	NA	NA	NA	NA	NA	NA	NA	NA
3012	NA	NA	NA	NA	NA	NA	NA	NA
3037	NA	NA	NA	NA	NA	NA	NA	NA
3023	NA	NA	NA	NA	NA	NA	NA	NA
3030	NA	NA	NA	NA	NA	NA	NA	NA
3035	NA	NA	NA	NA	NA	NA	NA	NA
3065	NA	NA	NA	NA	NA	NA	NA	NA
3074	NA	NA	NA	NA	NA	NA	NA	NA
3067	NA	NA	NA	NA	NA	NA	NA	NA
3078	NA	NA	NA	NA	NA	NA	NA	NA
2356	NA	1560.325	3609800	11.21001	NA	10.50732	NA	NA
2488	NA	1667.247	3638918	11.40121	NA	10.5676	NA	NA
2374	NA	1775.583	3666537	11.60256	NA	10.62791	NA	NA
2435	NA	1937.885	3694339	11.79678	NA	10.68827	NA	NA
2441	NA	2164.469	3723168	11.97671	NA	10.74872	NA	NA
2543	NA	2317.195	3753012	12.18002	NA	10.8093	NA	NA
2491	NA	2514.044	3784539	12.35953	NA	10.87004	NA	NA
2550	NA	2662.117	3816486	12.52339	NA	10.93097	NA	NA
2587	NA	2875.236	3847707	12.6852	NA	10.99212	NA	NA
2588	NA	3306.219	3875763	12.85223	NA	11.05353	NA	NA
2620	NA	3736.349	3903039	13.01129	NA	11.11523	NA	NA
2653	NA	4413.576	3933004	13.17245	NA	11.17724	NA	NA
2689	NA	5689.589	3960612	13.33647	NA	11.23958	NA	NA
2652	NA	6811.527	3985258	13.50278	NA	11.30228	NA	NA
2688	NA	8204.452	4007313	13.67345	NA	11.36537	NA	NA
2793	NA	8927.202	4026152	13.89563	NA	11.42884	NA	NA
2767	NA	10266.12	4043205	14.11252	NA	11.49272	NA	NA
2801	NA	11462.64	4058671	14.32461	NA	11.55701	NA	NA
2836	NA	13046.54	4072517	14.53067	NA	11.62171	NA	NA
2932	NA	15772.24	4085620	14.72919	0.344644	11.68682	4233.778	24.73611





2559	NA	NA	NA	NA	NA	NA	NA	NA	NA
2500	NA	NA	NA	NA	NA	NA	NA	NA	NA
2586	NA	NA	NA	NA	NA	NA	NA	NA	NA
2583	NA	NA	NA	NA	NA	NA	NA	NA	NA
2544	NA	NA	NA	NA	NA	NA	NA	NA	NA
2503	NA	NA	NA	NA	NA	NA	NA	NA	NA
2499	NA	NA	NA	NA	NA	NA	NA	NA	NA
2532	NA	NA	NA	NA	NA	NA	NA	NA	NA
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2585	NA	NA	NA	NA	NA	NA	NA	NA	NA
2542	NA	NA	NA	NA	NA	NA	NA	NA	NA
2589	NA	NA	NA	NA	NA	NA	NA	NA	NA
2601	NA	NA	NA	NA	NA	NA	NA	NA	NA
2594	NA	NA	NA	NA	NA	NA	NA	NA	NA
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2632	NA	NA	NA	NA	NA	NA	NA	NA	NA
2644	NA	NA	NA	NA	NA	NA	NA	NA	NA
2657	NA	NA	NA	NA	NA	NA	NA	NA	NA
2646	NA	NA	NA	NA	NA	NA	NA	NA	NA
2644	NA	NA	NA	NA	NA	NA	NA	NA	NA
2592	NA	NA	NA	NA	NA	NA	NA	NA	NA
2620	NA	NA	NA	NA	NA	NA	NA	NA	NA
2596	NA	NA	NA	NA	NA	NA	NA	NA	NA
2630	NA	NA	NA	NA	NA	NA	NA	NA	NA
2657	NA	NA	NA	NA	NA	NA	NA	NA	NA
2669	NA	NA	NA	NA	NA	NA	NA	NA	NA
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2675	NA	NA	NA	NA	NA	NA	NA	NA	NA
2725	NA	NA	NA	NA	NA	NA	NA	NA	NA
2757	NA	NA	NA	NA	NA	NA	NA	NA	NA
2766	NA	NA	NA	NA	NA	NA	NA	NA	NA
2769	NA	NA	NA	NA	NA	NA	NA	NA	NA
2784	NA	NA	NA	NA	NA	NA	NA	NA	NA
2806	NA	NA	NA	NA	NA	NA	NA	NA	NA
2822	NA	NA	NA	NA	NA	NA	NA	NA	NA
2836	NA	NA	NA	NA	NA	NA	NA	NA	NA
2878	NA	NA	NA	NA	NA	NA	NA	NA	NA
2864	NA	NA	NA	NA	NA	NA	NA	NA	NA
2874	NA	NA	NA	NA	NA	NA	NA	NA	NA
2874	NA	NA	NA	NA	NA	NA	NA	NA	NA
2131	16.52403	7.903635	6448.131	1812160	2.286277	0.105536	2.977195	3228.798	24.50162
2144	17.28638	8.06138	5988.835	1893771	2.241506	0.107267	3.101656	3221.768	24.80158
2221	18.09486	8.230371	6278.637	1983277	2.195962	0.108902	3.229099	3214.21	24.98972
2144	18.9124	8.37573	6029.169	2072111	2.151284	0.110076	3.35955	3206.075	25.13234

2222	19.87063	8.543023	6013.167	2148428	2.109356	0.110425	3.49304	3197.318	25.23473
2172	20.9503	8.72185	6261.719	2204283	2.071331	0.107214	3.629601	3187.893	25.30099
2196	21.75661	8.836466	6830.597	2236666	2.134785	0.10159	3.769266	3178.844	25.31306
2151	22.46323	8.935515	7039.577	2249773	2.202444	0.094996	3.912065	3170.699	25.31982
2344	23.02829	8.984508	6254.953	2251875	2.27375	0.088074	4.058027	3163.589	25.32294
2461	23.58627	8.996421	6967.06	2254918	2.349531	0.081814	4.207174	3157.66	25.38245
2357	24.38693	9.050301	8601.186	2267991	2.432549	0.076914	4.359521	3153.076	25.48946
2429	25.27721	9.08668	8476.611	2294787	2.476918	0.074905	4.515074	3152.351	25.67461
2369	26.12478	9.128967	8629.102	2334285	2.515417	0.073493	4.673832	3154.715	25.8716
2366	26.88817	9.161674	9069.81	2385255	2.546646	0.072404	4.83578	3160.366	26.06757
2372	27.81398	9.215348	10129.29	2444751	2.570446	0.071524	5.000891	3169.509	26.26954
2405	28.74526	9.259155	12376.98	2511269	2.587417	0.072374	5.169126	3182.353	26.44879
2470	29.67396	9.35951	14408.05	2582991	2.61836	0.072966	5.340431	3195.794	26.60262
2520	30.63048	9.542107	15805.13	2662762	2.656114	0.073588	5.514741	3207.203	26.67785
2629	31.80304	9.833442	22075.04	2759014	2.688787	0.073788	5.691973	3216.113	26.83865
2727	32.64003	10.01534	16784.35	2882942	2.701303	0.074299	5.872033	3222	27.06646
2752	32.07359	9.77409	19281	3041460	2.688643	0.07511	6.054813	3224.27	27.32377
2771	32.46695	9.706041	20986.08	3237268	2.591166	0.076169	6.240192	3222.259	27.5655
2811	33.36056	9.751581	22134.8	3464644	2.491252	0.077223	6.428036	3218.844	27.80945
2832	33.88927	9.670794	21227.21	3711481	2.402761	0.077966	6.618201	3217.3	28.04323
2731	34.54528	9.617983	20469.14	3960925	2.342155	0.078244	6.810532	3215.438	28.25479
2723	35.2813	9.586092	16406.71	4199810	2.314367	0.078047	7.004865	3213.475	28.45415
2674	35.82943	9.548734	15102.38	4424762	2.326001	0.077537	7.201025	3211.872	28.58184
2684	36.04661	9.573217	15668.37	4636262	2.355044	0.077537	7.398834	3211.581	28.58184
1864	NA	NA	88.17242	45984892	4.247597	NA	1.324887	NA	NA
1911	NA	NA	89.83771	47119361	4.171222	NA	1.361582	NA	NA
1921	NA	NA	93.98869	48309315	4.096846	NA	1.398901	NA	NA
2065	NA	NA	103.536	49551904	4.023054	NA	1.436859	NA	NA
2166	NA	NA	115.7378	50845221	3.950157	NA	1.475475	NA	NA
2055	NA	NA	123.9026	52191095	3.923773	NA	1.514768	NA	NA
2057	NA	NA	138.1544	53590929	3.895837	NA	1.55476	NA	NA
1996	NA	NA	146.9792	55042397	3.86693	NA	1.595472	NA	NA
2281	NA	NA	152.6805	56542434	3.83778	NA	1.636929	NA	NA
2291	NA	NA	172.6107	58090759	3.808788	NA	1.679157	NA	NA
2199	NA	NA	177.6272	59687140	3.806136	NA	1.722182	NA	NA
2267	NA	NA	151.7668	61338261	3.801252	NA	1.766032	NA	NA
2235	NA	NA	100.3003	63059481	3.796519	NA	1.810735	NA	NA
2244	NA	NA	135.2384	64870833	3.793545	NA	1.85632	NA	NA
2155	NA	NA	169.7912	66787901	3.792882	NA	1.902817	NA	NA
2174	NA	NA	193.8361	68813220	3.803353	NA	1.950258	NA	NA
2166	NA	NA	213.2046	70946231	3.812842	NA	1.998673	NA	NA
2237	NA	NA	243.4608	73194937	3.822038	NA	2.048095	NA	NA
2181	NA	NA	260.799	75567682	3.831023	NA	2.098555	NA	NA
2110	NA	NA	303.449	78068144	3.839812	0.212003	2.150087	5962.984	22.38279
2084	NA	NA	348.2239	80696945	3.848139	0.208627	2.202724	5958.953	22.37885
2132	NA	NA	368.2145	83445863	3.854753	0.205666	2.256502	5955.427	22.37735
2115	NA	NA	332.476	86297640	3.86071	0.203057	2.311456	5952.292	22.37749
2111	NA	NA	349.1224	89228949	3.866249	0.200724	2.367621	5949.471	22.38075
2041	NA	NA	337.726	92219488	3.871728	0.19861	2.425036	5946.906	22.39159

2006	NA	NA	334.8476	95264460	3.881681	0.196665	2.483739	5942.88	22.41357
2029	NA	NA	339.0848	98357473	3.886751	0.194836	2.54377	5938.854	22.44053
1997	NA	NA	379.1358	1.01E+08	3.889859	0.193135	2.605172	5934.782	22.47534
2171	NA	NA	384.0864	1.05E+08	3.894322	0.191931	2.667986	5930.626	22.51878
2149	31.89438	22.55418	371.5726	1.08E+08	3.90213	0.190884	2.732259	5926.348	22.56011
2024	34.24067	24.19025	410.474	1.11E+08	3.915966	0.190021	2.798037	5921.474	22.60011
2109	35.03133	24.74163	427.5728	1.14E+08	3.932111	0.189301	2.865369	5916.082	22.63742
2136	35.79265	25.28512	440.9293	1.17E+08	3.949826	0.188638	2.934307	5910.126	22.67332
2180	37.0718	26.18997	433.2886	1.2E+08	3.967201	0.188156	3.004902	5903.558	22.71151
2160	38.70179	27.24937	493.6615	1.23E+08	3.983886	0.187682	3.07721	5896.33	22.7488
2174	40.91471	28.51661	502.7867	1.26E+08	4.00768	0.186832	3.151286	5888.812	22.78745
2172	42.93784	29.82758	483.6529	1.29E+08	4.026578	0.185899	3.227189	5881.47	22.83411
2143	45.38128	31.3417	470.2489	1.32E+08	4.043906	0.18518	3.304977	5874.368	22.8729
2192	47.31553	32.49162	465.0758	1.35E+08	4.063743	0.1824	3.38471	5867.58	22.9353
2159	48.70881	33.21109	533.8624	1.39E+08	4.088237	0.179208	3.466447	5861.19	22.99671
2073	49.31197	33.38803	510.6568	1.42E+08	4.118952	0.175139	3.550248	5857.713	23.05697
2016	49.35292	33.26818	499.86	1.45E+08	4.150536	0.171303	3.636172	5857.023	23.12183
2071	49.1854	33.07713	563.5943	1.48E+08	4.183572	0.168104	3.724275	5859.358	23.28377
2071	49.46319	33.11209	649.8048	1.51E+08	4.217347	0.16353	3.814615	5864.971	23.39693
2091	49.99002	33.197	711.4699	1.54E+08	4.251431	0.15974	3.907242	5874.13	23.51234
2125	50.90638	33.40977	873.7703	1.57E+08	4.29892	0.156204	4.002206	5884.925	23.57772
2159	51.21688	33.35489	950.4328	1.6E+08	4.338448	0.152812	4.099551	5894.819	23.63597
2144	51.77697	33.48834	1039.312	1.64E+08	4.370752	0.149213	4.199317	5903.477	23.69702
2201	52.38594	33.6469	1006.604	1.67E+08	4.396779	0.145123	4.301538	5910.511	23.75483
2174	53.00405	33.7561	1040.142	1.71E+08	4.417065	0.141407	4.406241	5915.477	23.81675
2181	53.64417	33.82007	1226.215	1.74E+08	4.439144	0.137835	4.513446	5917.862	23.87798
2176	54.42055	34.00898	1261.209	1.78E+08	4.458853	0.134442	4.623166	5919.484	23.94459
2184	55.15358	34.20961	1272.441	1.82E+08	4.474481	0.132131	4.735405	5920.4	24.00019
2081	55.71537	34.32632	1316.981	1.86E+08	4.482987	0.130189	4.850159	5920.939	24.06092
2084	56.07886	34.30781	1428.638	1.89E+08	4.484902	0.129577	4.967414	5921.115	24.11859
2082	56.57132	34.31782	1442.286	1.93E+08	4.493023	0.129011	5.087149	5921.017	24.16744
2095	56.76902	34.14137	1547.853	1.97E+08	4.494939	0.129011	5.209333	5920.893	24.16744
1906	NA	NA	513.2891	1167035	3.63451	NA	4.20704	NA	NA
1845	NA	NA	542.3616	1202373	3.648452	NA	4.297795	NA	NA
1931	NA	NA	583.4445	1238823	3.65928	NA	4.389542	NA	NA
1919	NA	NA	608.1267	1276276	3.669582	NA	4.482292	NA	NA
1842	NA	NA	648.4622	1314626	3.679602	NA	4.576051	NA	NA
1967	NA	NA	686.0912	1353804	3.701274	NA	4.670824	NA	NA
2009	NA	NA	742.1274	1393799	3.722057	NA	4.766612	NA	NA
2003	NA	NA	775.6496	1434657	3.74187	NA	4.863413	NA	NA
2111	NA	NA	827.1744	1476479	3.76111	NA	4.96122	NA	NA
1946	NA	NA	889.2301	1519299	3.779769	NA	5.06002	NA	NA
2039	NA	NA	974.9233	1563115	3.808165	NA	5.159796	NA	NA
1812	NA	NA	1040.786	1607834	3.833853	NA	5.260524	NA	NA
1867	NA	NA	1157.59	1653256	3.859414	NA	5.362177	NA	NA
2075	NA	NA	1287.912	1699113	3.887028	NA	5.464717	NA	NA
2109	NA	NA	1395.426	1745205	3.918336	NA	5.568106	NA	NA
1808	NA	NA	1444.697	1791453	3.962761	NA	5.672296	NA	NA
2047	NA	NA	1489.894	1837890	4.009489	NA	5.777236	NA	NA

1802	NA	NA	1721.694	1884515	4.057967	NA	5.88287	NA	NA
1786	NA	NA	1918.076	1931389	4.107407	NA	5.989137	NA	NA
1774	NA	NA	2332.021	1978578	4.158441	0.100931	6.095973	6427.489	23.23635
1890	NA	NA	2577.618	2026065	4.217782	0.098766	6.203312	6429.615	23.25905
1932	NA	NA	2782.161	2073844	4.275924	0.096648	6.311085	6431.476	23.28171
1979	NA	NA	2791.671	2121939	4.333631	0.094648	6.419223	6433.129	23.30676
1987	NA	NA	2848.95	2170409	4.392075	0.092815	6.527656	6434.617	23.33461
2119	NA	NA	2947.591	2219276	4.451407	0.091151	6.636314	6435.97	23.36382
2178	NA	NA	2996.523	2268574	4.510631	0.089599	6.745131	6438.094	23.39549
1918	NA	NA	2945.077	2318332	4.56863	0.08819	6.854041	6440.218	23.42617
1872	NA	NA	2492.079	2368618	4.627551	0.086952	6.962984	6442.366	23.45316
1871	NA	NA	2446.163	2419491	4.689003	0.086043	7.071902	6444.558	23.48315
1953	29.5547	12.54977	2603.781	2471009	4.754495	0.085149	7.180742	6446.815	23.51674
1890	29.17786	12.15933	2803.872	2523181	4.816935	0.084299	7.289457	6448.187	23.56169
2037	31.46555	12.838	3122.004	2576018	4.882536	0.083435	7.398006	6448.522	23.61898
2065	31.11454	12.46759	3339.838	2629644	4.951545	0.082548	7.506355	6447.729	23.69069
2048	30.83078	12.14643	3489.065	2684183	5.023838	0.08109	7.614476	6445.7	23.77329
1975	31.3953	12.09758	3494.437	2739730	5.100065	0.07971	7.722348	6442.321	23.85785
1996	32.44984	12.37067	3529.785	2796344	5.178011	0.078479	7.829957	6438.47	23.93894
1897	35.06383	13.15779	3741.243	2853941	5.255855	0.077404	7.937297	6435.152	24.00575
2097	35.36127	13.11369	3974.651	2912328	5.336555	0.076343	8.044368	6432.51	24.05797
1947	32.28518	11.83678	4082.615	2971197	5.423639	0.073282	8.151177	6430.709	24.09376
1895	32.62651	11.78023	4060.299	3030347	5.5195	0.069831	8.257739	6429.936	24.13153
2036	32.43138	11.5221	4046.373	3089684	5.61818	0.065776	8.364073	6433.402	24.17037
2097	32.45169	11.43543	4126.141	3149265	5.723971	0.061262	8.470205	6440.527	24.20715
2113	33.24837	11.63239	4267.136	3209174	5.836642	0.056836	8.576166	6451.597	24.24228
1992	33.51651	11.76985	4591.893	3269541	5.954934	0.05268	8.681992	6466.907	24.27081
2077	33.20349	11.65513	4916.549	3330465	6.078881	0.048819	8.787723	6486.767	24.30281
2093	34.01171	11.8929	5348.518	3391905	6.20778	0.04525	8.893401	6507.108	24.33981
2194	34.58239	12.02828	6165.945	3453807	6.337731	0.042117	8.999072	6524.594	24.39017
2261	35.7461	12.35524	7154.144	3516268	6.471378	0.039357	9.104783	6538.633	24.453
2259	36.51586	12.53118	7575.781	3579385	6.611275	0.037229	9.210583	6548.552	24.51825
2304	36.75694	12.53738	8080.838	3643222	6.759758	0.035393	9.316519	6553.592	24.59561
2362	38.57091	12.87181	9354.979	3707782	6.902617	0.033883	9.422641	6552.895	24.68451
2417	39.48235	12.90813	10715.72	3772938	7.050341	0.032664	9.528994	6550.285	24.78252
2451	41.88233	13.51607	11879.76	3838462	7.206194	0.031874	9.635624	6549.198	24.88709
2440	42.20093	13.36237	12787.31	3903986	7.373336	0.03192	9.742572	6547.568	24.99576
2465	42.49666	13.18057	13627.69	3969249	7.555107	0.032309	9.849878	6545.639	25.10337
2514	43.74784	13.29368	14366.85	4034119	7.730783	0.032946	9.957575	6543.936	25.20774
2545	44.02331	13.16147	15196.4	4098587	7.918119	0.032946	10.06569	6543.567	25.20774
2002	NA	NA	NA	1953328	3.235504	NA	3.21817	NA	NA
2005	NA	NA	NA	2005337	3.266633	NA	3.290797	NA	NA
1998	NA	NA	NA	2058915	3.294599	NA	3.363924	NA	NA
2074	NA	NA	NA	2114095	3.32355	NA	3.437559	NA	NA
2158	NA	NA	204.3372	2170859	3.355446	NA	3.511717	NA	NA
2131	NA	NA	208.9773	2229376	3.38274	NA	3.586415	NA	NA
2183	NA	NA	215.181	2289582	3.408526	NA	3.661677	NA	NA
2232	NA	NA	220.1925	2350901	3.433705	NA	3.737528	NA	NA
2241	NA	NA	230.5817	2412566	3.459553	NA	3.813996	NA	NA

2261	NA	NA	240.3337	2474106	3.487482	NA	3.891112	NA	NA
2264	NA	NA	262.1212	2535359	3.522302	NA	3.968911	NA	NA
2230	NA	NA	296.1559	2596739	3.558194	NA	4.047427	NA	NA
2245	NA	NA	374.3884	2659088	3.594127	NA	4.126695	NA	NA
2269	NA	NA	489.6141	2723523	3.627397	NA	4.206754	NA	NA
2201	NA	NA	541.5411	2790962	3.657054	NA	4.28764	NA	NA
2254	NA	NA	593.7139	2861581	3.702324	NA	4.36939	NA	NA
2332	NA	NA	712.7398	2935375	3.736354	NA	4.452041	NA	NA
2377	NA	NA	849.6523	3012829	3.764303	NA	4.535629	NA	NA
2321	NA	NA	1104.152	3094482	3.79204	NA	4.620188	NA	NA
2329	NA	NA	1398.493	3180630	3.822419	0.195499	4.705751	5343.373	23.99804
2238	NA	NA	1719.27	3271456	3.847981	0.19425	4.792351	5352.842	24.03265
2302	NA	NA	1609.701	3366719	3.874217	0.192708	4.880017	5361.126	24.05987
2314	NA	NA	1636.927	3465793	3.900695	0.190905	4.968776	5368.491	24.0902
2279	NA	NA	1261.989	3567752	3.926086	0.188783	5.058655	5375.119	24.1104
2373	NA	NA	893.9556	3671826	3.95065	0.186375	5.149675	5381.145	24.13018
2240	NA	NA	985.767	3777763	3.978995	0.183669	5.241859	5390.604	24.14838
2310	NA	NA	1022.033	3885436	4.004364	0.180662	5.335222	5400.062	24.17266
2266	NA	NA	1065.431	3994331	4.029286	0.177496	5.42978	5409.627	24.19205
2315	NA	NA	1159.317	4103911	4.057885	0.174048	5.525546	5419.392	24.21694
2207	22.9902	12.92099	1379.324	4213742	4.09223	0.170202	5.622526	5429.443	24.24243
2175	24.16984	13.35219	1615.477	4323410	4.146866	0.166523	5.720728	5437.747	24.27087
2161	24.71461	13.44253	1614.674	4432736	4.204018	0.162966	5.820153	5443.836	24.31086
2216	26.77757	14.3398	1596.145	4541902	4.258392	0.159611	5.920801	5447.506	24.3469
2308	27.25422	14.28232	1692.238	4651225	4.301146	0.15642	6.022667	5448.53	24.38884
2291	26.91883	13.80321	1903.469	4760850	4.329248	0.153527	6.125745	5446.647	24.4452
2311	28.14833	14.27486	2009.65	4870694	4.357736	0.150964	6.230023	5443.326	24.50416
2370	28.64279	14.39783	2000.911	4980344	4.371365	0.148584	6.335488	5440.708	24.56338
2365	29.58297	14.72853	1819.595	5089310	4.38081	0.146555	6.442125	5439.056	24.63747
2396	30.75825	15.12328	1700.438	5196937	4.40013	0.143324	6.549916	5438.68	24.71915
2352	32.0517	15.57472	1670.037	5302700	4.43723	0.140425	6.658839	5439.935	24.80401
2408	32.36882	15.58633	1571.37	5406624	4.497409	0.137735	6.768872	5445.983	24.86759
2442	33.50033	16.00421	1306.366	5508611	4.573893	0.135123	6.879992	5455.632	24.93401
2489	34.90473	16.55452	1371.511	5607950	4.660366	0.131317	6.992174	5469.146	25.0206
2420	36.3419	17.13976	1687.391	5703740	4.747464	0.127348	7.105391	5486.786	25.09971
2349	37.34167	17.50421	1852.733	5795494	4.831012	0.123255	7.219618	5508.814	25.16433
2373	38.47285	17.87263	2282.831	5882796	4.932484	0.11952	7.334829	5531.04	25.21477
2333	37.49053	17.33197	2992.926	5966159	5.027104	0.116009	7.450998	5550.296	25.2689
2286	37.69437	17.32549	4064.427	6047117	5.120837	0.112824	7.568098	5565.986	25.31791
2277	38.16248	17.48745	3645.945	6127837	5.222299	0.110042	7.686106	5577.433	25.36206
2328	38.43021	17.49478	4382.69	6209877	5.336434	0.107577	7.804997	5583.877	25.41964
2367	38.71337	17.39214	5356.957	6293783	5.4496	0.105418	7.924747	5584.464	25.48104
2343	38.5547	17.21292	5217.446	6379219	5.573535	0.104155	8.045333	5583.084	25.52941
2341	39.9989	17.70822	5967.657	6465740	5.709478	0.103145	8.166733	5582.615	25.59864
2512	39.56145	17.39835	6146.664	6552584	5.858223	0.102265	8.288924	5581.516	25.66343
2462	39.90508	17.38852	5447.119	6639119	6.020422	0.10157	8.411884	5580.004	25.72616
2426	40.28786	17.34873	5360.986	6725308	6.195359	0.101046	8.535591	5578.557	25.79
2478	40.63235	17.22892	5823.766	6811297	6.378271	0.101046	8.660022	5578.195	25.79
1876	NA	NA	280.1533	10350242	3.463359	NA	3.764681	NA	NA

1879	NA	NA	308.5979	10650667	3.482035	NA	3.847257	NA	NA
1715	NA	NA	328.5084	10961540	3.492639	NA	3.931426	NA	NA
1892	NA	NA	386.2165	11281015	3.494296	NA	4.017232	NA	NA
1823	NA	NA	445.1243	11607681	3.487527	NA	4.104715	NA	NA
1853	NA	NA	511.9706	11941325	3.491924	NA	4.193909	NA	NA
1841	NA	NA	505.1467	12282082	3.488415	NA	4.284845	NA	NA
1793	NA	NA	454.1875	12629329	3.480905	NA	4.377545	NA	NA
2031	NA	NA	494.5839	12982449	3.473651	NA	4.472024	NA	NA
1891	NA	NA	557.0935	13341069	3.469122	NA	4.568287	NA	NA
1916	NA	NA	604.8876	13704335	3.492114	NA	4.666331	NA	NA
1823	NA	NA	653.0062	14072476	3.514712	NA	4.76614	NA	NA
1767	NA	NA	760.9807	14447648	3.53587	NA	4.867686	NA	NA
1771	NA	NA	934.3079	14832841	3.553729	NA	4.97093	NA	NA
1827	NA	NA	1108.156	15229947	3.567419	NA	5.07582	NA	NA
1743	NA	NA	1019.681	15639901	3.593731	NA	5.182291	NA	NA
1724	NA	NA	910.2853	16061323	3.613301	NA	5.290264	NA	NA
1584	NA	NA	757.7295	16491083	3.6279	NA	5.399649	NA	NA
1724	NA	NA	943.1428	16924753	3.639285	NA	5.510342	NA	NA
1778	NA	NA	1044.64	17359120	3.648929	0.075716	5.62223	4849.22	24.75613
1828	NA	NA	1216.753	17792549	3.675409	0.075254	5.735188	4852.362	24.76159
1925	NA	NA	1195.754	18225730	3.701207	0.074824	5.849083	4855.111	24.76745
1874	NA	NA	929.54	18660439	3.726386	0.074439	5.963774	4857.555	24.76994
1738	NA	NA	921.4682	19099584	3.749872	0.074119	6.079116	4859.754	24.77726
1753	NA	NA	846.7058	19544956	3.771674	0.073853	6.194959	4861.754	24.78797
1912	NA	NA	762.3545	19996253	3.819361	0.073676	6.31115	4864.892	24.80734
1908	NA	NA	1012.253	20451710	3.860362	0.073582	6.427539	4868.031	24.83901
1909	NA	NA	738.3781	20909895	3.898618	0.073572	6.543976	4871.205	24.87808
1862	NA	NA	1052.913	21368859	3.939242	0.073726	6.660317	4874.445	24.9107
1785	17.75419	10.35786	1210.006	21826658	3.985072	0.073922	6.77642	4877.78	24.94302
1924	17.42571	10.14468	1555.981	22283128	4.050069	0.074183	6.892157	4879.63	24.98021
1901	18.64022	10.7749	1589.442	22737056	4.118875	0.074502	7.007404	4879.757	25.01697
1962	19.17137	10.96254	1516.467	23184228	4.191988	0.074871	7.122051	4878.004	25.06302
2036	20.23306	11.36625	1900.225	23619356	4.26899	0.075239	7.235998	4874.196	25.12411
2064	21.29891	11.74678	2217.785	24038760	4.35017	0.075665	7.34916	4868.142	25.20006
2130	21.44876	11.51919	2260.638	24441074	4.454632	0.076108	7.461464	4860.901	25.28832
2179	22.286	11.61772	2342.07	24827406	4.560416	0.076504	7.572852	4854.108	25.37538
2087	23.33566	11.80045	2202.461	25199748	4.66744	0.076861	7.683281	4847.959	25.46568
2107	23.62808	11.63195	1963.411	25561299	4.775321	0.077276	7.792722	4842.684	25.51036
2210	24.16356	11.61178	1996.72	25914879	4.884117	0.07706	7.901159	4838.55	25.56049
2147	23.84987	11.21646	1981.244	26261363	5.044544	0.076532	8.008593	4838.956	25.59515
2150	24.41396	11.21377	2059.193	26601467	5.202807	0.075848	8.115036	4843.149	25.63495
2085	25.40163	11.42762	2180.251	26937738	5.359381	0.075122	8.220512	4851.433	25.68007
2111	25.22427	11.15758	2448.144	27273194	5.513876	0.074406	8.325058	4864.12	25.73177
2211	25.26504	10.99846	2754.78	27610410	5.665993	0.07366	8.428721	4881.533	25.79792
2236	24.57583	10.62794	3171.498	27949944	5.766559	0.073109	8.531556	4900.82	25.87681
2267	24.12819	10.37154	3611.21	28292724	5.867668	0.07259	8.633628	4918.647	25.97047
2321	25.01283	10.6157	4208.878	28641980	5.971836	0.072401	8.735005	4934.538	26.08277
2356	26.68582	11.23386	4166.093	29001507	6.081401	0.072125	8.835764	4947.944	26.19393
2410	27.10349	11.31573	5022.493	29373646	6.198206	0.071728	8.935983	4958.239	26.31271

2427	26.96727	11.13752	5771.566	29759989	6.308319	0.071272	9.035742	4964.711	26.40888
2472	26.74983	10.92786	6387.785	30158966	6.422097	0.070844	9.135124	4970.018	26.50234
2493	26.73017	10.75492	6583.116	30565716	6.543128	0.07047	9.23421	4972.825	26.61392
2525	26.65951	10.54583	6492.053	30973354	6.676371	0.070111	9.33308	4974.904	26.70395
2566	26.88242	10.41425	6053.112	31376671	6.825144	0.069766	9.431811	4976.202	26.78395
2528	27.34524	10.39065	6031.366	31773839	6.980963	0.06943	9.530478	4976.717	26.85633
2554	27.57198	10.35996	6571.929	32165485	7.151321	0.06943	9.62915	4976.564	26.85633
1662	NA	NA	267.1478	27164617	3.098693	NA	4.173609	NA	NA
1608	NA	NA	156.6822	28081231	3.079651	NA	4.287213	NA	NA
1647	NA	NA	168.017	29016771	3.055485	NA	4.401596	NA	NA
1663	NA	NA	175.9312	29962876	3.03048	NA	4.516727	NA	NA
1725	NA	NA	187.113	30913933	3.006699	NA	4.632572	NA	NA
1685	NA	NA	199.9356	31867563	3.001412	NA	4.749096	NA	NA
1682	NA	NA	207.4273	32826599	2.992994	NA	4.866255	NA	NA
1660	NA	NA	224.6233	33797042	2.985655	NA	4.984001	NA	NA
1671	NA	NA	241.702	34787588	2.983636	NA	5.102275	NA	NA
1646	NA	NA	186.7688	35804729	2.989183	NA	5.221009	NA	NA
1661	NA	NA	201.0337	36851055	3.020473	NA	5.340125	NA	NA
1716	NA	NA	211.401	37925400	3.052609	NA	5.459531	NA	NA
1681	NA	NA	258.3627	39026082	3.083112	NA	5.579123	NA	NA
1746	NA	NA	343.2417	40149961	3.109318	NA	5.698786	NA	NA
1806	NA	NA	360.6714	41295124	3.130156	NA	5.81839	NA	NA
1866	NA	NA	402.6633	42461193	3.163656	NA	5.937797	NA	NA
1904	NA	NA	450.125	43650333	3.189307	NA	6.056853	NA	NA
1930	NA	NA	506.0852	44866273	3.206587	NA	6.175397	NA	NA
1927	NA	NA	596.3953	46113995	3.214311	NA	6.293259	NA	NA
2021	NA	NA	684.6544	47396968	3.212661	0.263332	6.410261	6201.677	21.54028
1991	NA	NA	731.725	48715592	3.21565	0.263446	6.526221	6209.113	21.58078
1994	NA	NA	741.7871	50068493	3.208625	0.263779	6.640956	6215.62	21.61882
1811	NA	NA	645.4603	51455033	3.19552	0.264328	6.754279	6221.404	21.65473
1905	NA	NA	594.0256	52873974	3.180826	0.265127	6.866009	6226.609	21.68682
1865	NA	NA	565.7635	54323648	3.167101	0.266126	6.97597	6231.341	21.71237
1912	NA	NA	535.2358	55804072	3.171342	0.267252	7.083992	6238.77	21.73455
1895	NA	NA	579.2011	57313311	3.173558	0.268562	7.18992	6246.198	21.75394
1935	NA	NA	643.8153	58845205	3.171218	0.270059	7.29361	6253.71	21.77452
1975	NA	NA	704.9821	60391867	3.160854	0.271072	7.394939	6261.379	21.79347
2007	23.63142	13.63781	715.3106	61947348	3.141986	0.271687	7.4938	6269.273	21.80976
1977	23.97349	13.6511	715.1419	63508459	3.133487	0.271962	7.590113	6275.289	21.82878
1999	26.86766	15.13339	814.0753	65075486	3.116992	0.27191	7.683822	6279.012	21.85238
1955	27.20971	15.2502	815.7222	66650247	3.098733	0.27152	7.774899	6280.235	21.88103
2051	28.72675	16.03442	939.1559	68236230	3.086215	0.270874	7.863346	6278.721	21.92731
2036	29.46438	16.40279	1061.348	69835715	3.083461	0.270048	7.949195	6274.209	21.97818
2083	30.25204	16.67446	1159.589	71446107	3.116146	0.268969	8.032513	6267.997	22.0355
2091	32.27097	17.68353	1127.004	73064764	3.152186	0.267535	8.113399	6262.266	22.09977
2044	32.26472	17.65537	966.7085	74693695	3.189335	0.265565	8.191983	6257.269	22.17425
2110	33.29025	18.08147	1087.237	76335812	3.224563	0.261397	8.268431	6253.298	22.2626
2129	34.87012	18.79118	1038.911	77991569	3.256661	0.256406	8.342938	6250.698	22.34571
2136	36.21482	19.31463	957.2807	79665315	3.305713	0.250908	8.415732	6252.779	22.40073
2147	37.06586	19.54184	1000.068	81352060	3.350022	0.244323	8.487067	6258.529	22.4493

2141	37.30564	19.46626	1010.553	83031954	3.391216	0.238137	8.557223	6268.238	22.48756
2216	37.55358	19.35215	1079.037	84678493	3.432097	0.233923	8.626502	6282.198	22.50627
2240	38.479	19.65763	1194.697	86274237	3.476023	0.230786	8.695227	6300.704	22.51619
2298	39.93407	20.26715	1391.772	87809419	3.602112	0.228896	8.763735	6320.739	22.52609
2344	40.6925	20.45263	1672.685	89293490	3.73033	0.227766	8.832374	6339.1	22.5348
2347	42.04054	20.88992	1919.466	90751864	3.858473	0.22736	8.901501	6355.303	22.54312
2388	43.40804	21.4073	1825.342	92220879	3.99102	0.226883	8.971473	6368.79	22.54505
2375	44.78869	21.83074	2129.499	93726624	4.13749	0.225185	9.042647	6378.929	22.54832
2364	46.6661	22.34196	2352.518	95277940	4.21358	0.222779	9.115372	6385.003	22.55527
2363	48.66493	22.91734	2581.819	96866642	4.29736	0.219548	9.189989	6389.807	22.57628
2366	50.32978	23.49812	2760.289	98481032	4.385966	0.215957	9.26682	6392.37	22.60413
2352	51.13468	23.74131	2842.938	1E+08	4.477284	0.213317	9.34617	6394.198	22.63245
2394	53.05497	24.50383	2878.338	1.02E+08	4.571913	0.210813	9.428321	6395.265	22.66445
2407	52.90877	24.25799	2950.914	1.03E+08	4.687262	0.209649	9.513526	6395.611	22.69662
2490	52.80432	23.94179	2988.953	1.05E+08	4.802641	0.209649	9.602011	6395.436	22.69662
2950	NA	NA	NA	29964000	5.869987	NA	8.877189	NA	NA
2957	NA	NA	NA	30308500	6.077793	NA	8.944414	NA	NA
2954	NA	NA	NA	30712000	6.311937	NA	9.011567	NA	NA
2975	NA	NA	NA	31139450	6.559342	NA	9.078655	NA	NA
3019	NA	NA	NA	31444950	6.81308	NA	9.145693	NA	NA
3024	NA	NA	NA	31681000	7.097495	NA	9.212705	NA	NA
3007	NA	NA	NA	31987155	7.366207	NA	9.279723	NA	NA
2998	NA	NA	NA	32294655	7.631148	NA	9.346791	NA	NA
3004	NA	NA	NA	32548300	7.91	NA	9.413963	NA	NA
3015	NA	NA	NA	32664300	8.209288	NA	9.481305	NA	NA
3014	NA	NA	NA	32783500	8.50559	NA	9.548893	NA	NA
3044	NA	NA	NA	33055650	8.806045	NA	9.616817	NA	NA
3071	NA	NA	NA	33357200	9.10072	NA	9.685176	NA	NA
3056	NA	NA	NA	33678899	9.373764	NA	9.754082	NA	NA
3087	NA	NA	NA	34015199	9.615751	NA	9.823655	NA	NA
3131	NA	NA	NA	34356300	9.831277	NA	9.894025	NA	NA
3148	NA	NA	NA	34689050	10.02807	NA	9.965331	NA	NA
3144	NA	NA	NA	34965600	10.17888	NA	10.03771	NA	NA
3129	NA	NA	NA	35247217	10.24472	NA	10.11132	NA	NA
3136	NA	NA	NA	35574150	10.20969	0.377746	10.1863	7690.601	24.96502
3006	NA	NA	NA	35898587	10.07407	0.373967	10.2628	7689.887	24.97429
2834	NA	NA	NA	36230481	9.841093	0.369427	10.34096	7689.262	24.96957
2882	NA	NA	NA	36571808	9.573929	0.36406	10.42092	7688.707	24.98336
2864	NA	NA	NA	36904134	9.359304	0.358013	10.50278	7688.207	25.02393
2920	NA	NA	NA	37201885	9.244483	0.351567	10.58667	7687.752	25.07675
2988	NA	NA	NA	37456119	9.290674	0.345643	10.67268	7687.039	25.12876
2964	NA	NA	NA	37668045	9.417023	0.340343	10.76086	7686.325	25.18228
2984	NA	NA	NA	37824487	9.595049	0.336497	10.85126	7685.604	25.23046
2996	NA	NA	NA	37961529	9.781178	0.333975	10.94389	7684.868	25.28799
2884	40.4335	17.83369	1731.21	38110782	9.951254	0.332038	11.03875	7684.11	25.33323
2912	42.3243	18.51545	2235.541	38246193	10.18532	0.330607	11.13578	7682.677	25.37977
2977	42.54225	18.42683	2459.021	38363667	10.39406	0.329736	11.23491	7680.532	25.41933
2981	41.72224	18.0234	2497.195	38461408	10.58424	0.327542	11.33603	7677.609	25.45814
2881	43.14231	18.33648	2874.825	38542652	10.76705	0.325183	11.43898	7673.84	25.49378





2486	NA	NA	NA	NA	NA	NA	NA	NA
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2446	NA	NA	NA	NA	NA	NA	NA	NA
2458	NA	NA	NA	NA	NA	NA	NA	NA
2442	NA	NA	NA	NA	NA	NA	NA	NA
2419	NA	NA	NA	NA	NA	NA	NA	NA
2366	NA	NA	NA	NA	NA	NA	NA	NA
2408	NA	NA	NA	NA	NA	NA	NA	NA
2454	NA	NA	NA	NA	NA	NA	NA	NA
2456	NA	NA	NA	NA	NA	NA	NA	NA
2442	NA	NA	NA	NA	NA	NA	NA	NA
2487	NA	NA	NA	NA	NA	NA	NA	NA
2517	NA	NA	NA	NA	NA	NA	NA	NA
2578	NA	NA	NA	NA	NA	NA	NA	NA
2623	NA	NA	NA	NA	NA	NA	NA	NA
2641	NA	NA	NA	NA	NA	NA	NA	NA
2647	NA	NA	NA	NA	NA	NA	NA	NA
2675	NA	NA	NA	NA	NA	NA	NA	NA
2693	NA	NA	NA	NA	NA	NA	NA	NA
2656	NA	NA	NA	NA	NA	NA	NA	NA
2690	NA	NA	NA	NA	NA	NA	NA	NA
2706	NA	NA	NA	NA	NA	NA	NA	NA
2689	NA	NA	NA	NA	NA	NA	NA	NA
2723	NA	NA	NA	NA	NA	NA	NA	NA
2700	NA	NA	NA	NA	NA	NA	NA	NA
2746	NA	NA	NA	NA	NA	NA	NA	NA
2726	NA	NA	NA	NA	NA	NA	NA	NA
2772	NA	NA	NA	NA	NA	NA	NA	NA
2745	NA	NA	NA	NA	NA	NA	NA	NA
2754	NA	NA	NA	NA	NA	NA	NA	NA
2753	NA	NA	NA	NA	NA	NA	NA	NA
2295	NA	382.7299	8929316	8.116964	NA	4.543757	NA	NA
2397	NA	407.8528	8993985	8.2261	NA	4.599308	NA	NA
2505	NA	432.5117	9030355	8.329075	NA	4.657926	NA	NA
2372	NA	468.7811	9035365	8.445841	NA	4.719734	NA	NA
2659	NA	520.9107	8998595	8.59095	NA	4.784847	NA	NA
2568	NA	575.0077	8930990	8.776194	NA	4.853372	NA	NA
2738	NA	646.8227	8874520	8.990258	NA	4.925406	NA	NA
2741	NA	719.0805	8836650	9.224861	NA	5.001032	NA	NA
2805	NA	795.7594	8757705	9.460366	NA	5.080321	NA	NA
2743	NA	934.174	8680431	9.68135	NA	5.16333	NA	NA
2759	NA	1064.643	8643756	9.868835	NA	5.250099	NA	NA
2730	NA	1302.394	8630430	10.03439	NA	5.34065	NA	NA
2713	NA	1748.161	8633100	10.18772	NA	5.434987	NA	NA
2781	NA	2000.615	8754365	10.34693	NA	5.533093	NA	NA
2754	NA	2127.847	9093470	10.52293	NA	5.634931	NA	NA
2760	NA	2173.498	9355810	10.71202	NA	5.74044	NA	NA
2729	NA	2267.594	9455675	10.92117	NA	5.849536	NA	NA
2572	NA	2457.555	9558250	11.13591	NA	5.962115	NA	NA

2505	NA	NA	2755.896	9661265	11.33065	NA	6.078045	NA	NA
2519	NA	NA	3368.698	9766312	11.49411	0.229498	6.197173	3998.039	24.58696
2514	NA	NA	3246.295	9851362	11.65255	0.223557	6.319324	3986.495	24.62113
2557	NA	NA	3080.253	9911771	11.7683	0.21712	6.444301	3976.394	24.66239
2588	NA	NA	2735.76	9957865	11.86865	0.210465	6.571888	3967.415	24.70903
2619	NA	NA	2522.996	9996232	11.99294	0.203831	6.701849	3959.334	24.77075
2756	NA	NA	2705.459	10023613	12.16466	0.197508	6.833936	3951.988	24.837
2882	NA	NA	3862.329	10032734	12.4127	0.191692	6.967887	3940.456	24.91169
3058	NA	NA	4804.339	10030031	12.69609	0.186572	7.103433	3928.924	24.98414
3057	NA	NA	5624.251	10019610	13.00803	0.182946	7.240298	3917.262	25.0823
3067	NA	NA	6056.977	10005000	13.33186	0.181672	7.378206	3905.357	25.17909
3143	63.04494	23.13964	7885.394	9983218	13.65593	0.180249	7.516881	3893.103	25.29264
3135	66.18872	23.66119	8959.867	9960235	13.94126	0.179217	7.656057	3881.095	25.4119
3123	67.15071	23.32161	10811.63	9952494	14.21645	0.178002	7.795474	3869.736	25.54256
3168	70.76132	23.85708	9535.595	9964675	14.48367	0.177168	7.934886	3859.084	25.66637
3198	67.6346	22.23505	9978.302	9991525	14.75076	0.176671	8.074063	3849.215	25.76811
3189	68.751	22.26086	11782.52	10026176	15.02548	0.176297	8.212792	3840.223	25.85784
3220	70.50352	22.28761	12185.06	10063945	15.26709	0.17724	8.350877	3831.676	25.93181
3102	73.65352	22.54319	11578.44	10108977	15.52102	0.180069	8.488146	3822.899	25.99558
3219	72.10693	21.63496	12202.69	10160196	15.78568	0.184407	8.624445	3813.814	26.06561
3270	71.75545	21.1364	12474.82	10217828	16.05172	0.188519	8.759638	3804.328	26.11354
3254	72.83628	20.88811	11502.4	10289898	16.31111	0.190873	8.893613	3794.333	26.17711
3255	75.0783	20.79515	11729.15	10362722	16.5318	0.192847	9.026272	3788.016	26.22848
3258	75.50411	20.31158	12882.29	10419631	16.73307	0.194061	9.157535	3786.214	26.27234
3238	76.39807	20.11951	15772.73	10458821	16.91655	0.194192	9.287337	3789.36	26.32171
3272	73.74522	18.83645	18045.59	10483861	17.0881	0.194286	9.415624	3797.929	26.33725
3272	74.62811	18.45944	18784.95	10503330	17.25603	0.19449	9.542354	3812.453	26.33473
3269	73.78414	17.96761	19821.44	10522288	17.49958	0.193737	9.667492	3831.094	26.36452
3288	74.69512	18.08286	22780.06	10542964	17.74764	0.193088	9.791012	3849.579	26.39082
3271	74.39017	17.88173	24815.61	10558177	18.01851	0.192538	9.91289	3867.483	26.41909
3272	75.4179	17.86334	23063.97	10568247	18.33059	0.19198	10.03311	3884.305	26.44301
3264	73.68477	17.32294	22538.65	10573100	18.6934	0.191347	10.15164	3899.451	26.50068
3246	71.72164	16.82574	23196.18	10557560	19.06229	0.190488	10.26849	3912.23	26.53476
3240	70.94574	16.52348	20577.4	10514844	19.45934	0.189639	10.38361	3924.475	26.54484
3243	69.04289	15.92854	21618.74	10457295	19.87748	0.188256	10.49701	3930.708	26.56065
3200	67.71382	15.46353	22077.54	10401062	20.30563	0.187215	10.60865	3936.037	26.57849
3254	63.73295	14.58036	19252.63	10358076	20.73863	0.185456	10.71852	3940.146	26.58124
3201	66.22238	14.99944	19871.72	10325452	21.1198	0.183507	10.82659	3942.576	26.59086
3261	67.57754	15.18679	21136.3	10293718	21.50215	0.183507	10.93283	3942.604	26.59086
2122	NA	NA	93.81621	25765673	3.439834	NA	7.229049	NA	NA
2160	NA	NA	106.134	26513030	3.47358	NA	7.306166	NA	NA
2190	NA	NA	146.2946	27261747	3.505418	NA	7.385177	NA	NA
2236	NA	NA	123.5885	27984155	3.518418	NA	7.466175	NA	NA
2347	NA	NA	108.7038	28704674	3.506893	NA	7.549251	NA	NA
2415	NA	NA	133.4498	29435571	3.515234	NA	7.634487	NA	NA
2468	NA	NA	161.1158	30130983	3.499227	NA	7.72196	NA	NA
2566	NA	NA	198.3657	30838302	3.474859	NA	7.811737	NA	NA
2660	NA	NA	243.3344	31544266	3.46205	NA	7.903873	NA	NA
2750	NA	NA	279.1252	32240827	3.468969	NA	7.998413	NA	NA



2206	NA	NA	NA	NA	NA	NA	NA	NA
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2215	NA	NA	NA	NA	NA	NA	NA	NA
2239	NA	NA	NA	NA	NA	NA	NA	NA
2244	NA	NA	NA	NA	NA	NA	NA	NA
2262	NA	NA	NA	NA	NA	NA	NA	NA
2274	NA	NA	NA	NA	NA	NA	NA	NA
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2335	NA	NA	NA	NA	NA	NA	NA	NA
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2542	NA	NA	NA	NA	NA	NA	NA	NA
2543	NA	NA	NA	NA	NA	NA	NA	NA
2227	NA	NA	NA	NA	NA	NA	NA	NA
2210	NA	NA	NA	NA	NA	NA	NA	NA
2290	NA	NA	NA	NA	NA	NA	NA	NA
2193	NA	NA	NA	NA	NA	NA	NA	NA
2724	NA	NA	18555250	7.030872	NA	7.670078	NA	NA
2760	NA	NA	18676550	7.255927	NA	7.734707	NA	NA
2783	NA	NA	18797850	7.491777	NA	7.801316	NA	NA
2778	NA	NA	18919126	7.71343	NA	7.869956	NA	NA
2804	NA	NA	19031576	7.905486	NA	7.940672	NA	NA
2831	NA	NA	19215450	8.073673	NA	8.013496	NA	NA
2827	NA	NA	19534242	8.175725	NA	8.088454	NA	NA
2812	NA	NA	19799831	8.245919	NA	8.165559	NA	NA
2824	NA	NA	20009141	8.333648	NA	8.244816	NA	NA
2656	NA	NA	20250398	8.463787	NA	8.326222	NA	NA
2766	NA	NA	20461567	8.600932	NA	8.409763	NA	NA
2817	NA	NA	20657957	8.788335	NA	8.495415	NA	NA
2854	NA	NA	20835681	9.005492	NA	8.583149	NA	NA
2930	NA	NA	21029429	9.220015	NA	8.672925	NA	NA
2850	NA	NA	21293583	9.415899	NA	8.764698	NA	NA
2972	NA	NA	21551634	9.682763	NA	8.858415	NA	NA
2959	NA	NA	21756096	9.921628	NA	8.954017	NA	NA
2979	NA	NA	21951464	10.10501	NA	9.051438	NA	NA
2902	NA	NA	22090488	10.20024	NA	9.150606	NA	NA
2856	NA	NA	22242653	10.192	0.257997	9.251444	7059.433	24.58336
2883	NA	NA	22415169	10.09673	0.254407	9.353867	7055.152	24.64989
2714	NA	NA	22515389	9.910763	0.250784	9.457783	7051.406	24.73324
2730	NA	NA	22588790	9.697162	0.247383	9.563092	7048.075	24.75715
2799	NA	NA	22655940	9.536361	0.244351	9.669687	7045.079	24.75194
2767	NA	NA	22755427	9.475812	0.241777	9.777449	7042.354	24.74801

2698	NA	NA	NA	22859269	9.572629	0.239765	9.886251	7038.077	24.73006
2671	NA	NA	1673.838	22949430	9.731353	0.238282	9.995954	7033.8	24.75038
2678	NA	NA	1769.89	23057662	9.934732	0.237296	10.10641	7029.475	24.77806
2675	NA	NA	1817.902	23161458	10.16287	0.236865	10.21744	7025.059	24.84266
2886	35.75627	16.02002	1680.706	23201835	10.40501	0.238297	10.32889	7020.515	24.93608
2676	36.4328	16.09745	1260.749	23001155	10.71413	0.240137	10.44057	7015.761	24.99657
2581	37.55537	16.47833	1102.104	22794284	11.05478	0.242409	10.55226	7010.92	25.01163
2750	38.16964	16.64265	1158.133	22763280	11.41013	0.244894	10.66377	7005.984	25.03864
2674	38.95435	16.80025	1323.104	22730211	11.74785	0.247265	10.77486	7000.949	25.06276
2785	40.9068	17.3568	1660.273	22684270	12.04966	0.249498	10.88532	6995.813	25.11392
2794	43.15749	18.02808	1643.88	22619004	12.44335	0.25147	10.99491	6987.202	25.1672
2838	43.27574	17.91173	1589.014	22553978	12.76424	0.251938	11.10338	6974.864	25.22553
2853	43.07234	17.64169	1864.991	22507344	13.03936	0.251763	11.21052	6958.467	25.27891
2863	42.82849	17.31322	1610.134	22472040	13.31525	0.252181	11.31607	6937.65	25.3048
2900	43.0385	17.19052	1668.163	22442971	13.61279	0.252301	11.41982	6912.022	25.34285
2990	45.16604	17.79244	1839.729	22131970	13.97678	0.25253	11.52156	6886.701	25.39497
3072	47.17209	18.35793	2124.874	21730496	14.36918	0.253434	11.62107	6865.41	25.44946
3109	47.79996	18.38197	2774.956	21574326	14.74806	0.255184	11.71818	6848.853	25.52035
3095	46.81241	17.81211	3552.925	21451748	15.04239	0.25694	11.81273	6837.829	25.58731
3137	47.74058	18.06369	4676.315	21319685	15.21715	0.258569	11.90458	6833.244	25.65489
3168	46.85187	17.60941	5828.746	21193760	15.41701	0.258663	11.99361	6835.791	25.69622
3123	46.35431	17.26588	8424.738	20882982	15.5072	0.257085	12.07974	6840.544	25.73558
3183	47.33455	17.36508	10400.54	20537875	15.53559	0.255049	12.16291	6847.336	25.7975
3151	49.47772	17.80927	8474.872	20367487	15.57992	0.25144	12.24309	6855.922	25.84429
3105	49.95408	17.69155	8209.919	20246871	15.68784	0.247358	12.32029	6865.962	25.88494
3120	48.01493	16.91644	9104.996	20147528	15.85817	0.243726	12.39454	6877.004	25.9548
3124	49.57276	17.16602	8535.047	20058035	16.07961	0.240975	12.4659	6888.818	26.01359
3141	51.22865	17.34838	9555.244	19983693	16.35069	0.238289	12.53444	6894.721	26.075
3175	52.16066	17.45382	10026.97	19908979	16.66015	0.235933	12.60028	6900.194	26.12557
3230	52.38744	17.36405	8977.499	19815481	16.99972	0.233695	12.66354	6904.796	26.15817
3263	53.35678	17.38291	9567.098	19702332	17.41716	0.23147	12.72438	6907.824	26.21459
3277	53.20798	17.1106	10817.83	19586539	17.85032	0.23147	12.78297	6908.061	26.21459
2601	42.38878	15.67584	3095.66	1.49E+08	11.06839	0.285721	10.59692	8737.072	25.79345
2633	49.94794	18.65595	2929.462	1.49E+08	11.52216	0.288606	10.68249	8737.23	25.81485
2579	53.26079	20.35631	2663.395	1.48E+08	11.89552	0.293995	10.76672	8737.601	25.79101
2551	49.69302	19.28554	2665.74	1.48E+08	12.13465	0.299605	10.84968	8738.205	25.77483
2431	46.02439	18.0425	2643.898	1.48E+08	12.32569	0.30481	10.93145	8735.628	25.77221
2497	43.0022	17.18226	2737.557	1.48E+08	12.35439	0.308621	11.01211	8729.399	25.77178
2497	42.36233	17.01255	1834.847	1.48E+08	12.30972	0.312162	11.09174	8719.172	25.77682
2504	46.24607	18.44484	1330.751	1.47E+08	12.31889	0.315564	11.17044	8704.565	25.77599
2499	47.60544	19.07326	1771.587	1.47E+08	12.44266	0.318586	11.24827	8685.16	25.79373
2574	48.24695	19.30235	2100.362	1.46E+08	12.74434	0.321306	11.32532	8666.15	25.8231
2631	50.0217	19.83922	2375.059	1.45E+08	13.14582	0.32311	11.40166	8651.298	25.8641
2673	52.2196	20.32174	2975.133	1.45E+08	13.54842	0.323851	11.47736	8641.314	25.92474
2709	52.517	19.95454	4102.372	1.44E+08	13.79977	0.324419	11.55249	8637.003	25.99446
2788	56.38822	20.82331	5323.474	1.44E+08	13.8191	0.324085	11.6271	8639.279	26.07651
2823	52.77707	19.17705	6920.194	1.43E+08	13.81364	0.322606	11.70123	8647.64	26.16351
2890	51.27501	18.21278	9101.253	1.43E+08	13.64565	0.319553	11.77495	8656.949	26.25115
2887	53.77817	18.4957	11635.26	1.43E+08	13.4049	0.314732	11.84828	8666.916	26.3449

2872	53.60931	17.9304	8562.81	1.43E+08	13.20301	0.307967	11.92127	8677.158	26.4149
2906	56.09596	18.23094	10674.99	1.43E+08	13.08672	0.299726	11.99393	8687.183	26.48365
2924	53.57011	17.14192	14351.21	1.43E+08	13.11997	0.291826	12.0663	8696.374	26.56063
2959	53.17689	16.64537	15434.57	1.43E+08	13.1663	0.284918	12.1384	8705.641	26.64383
2955	53.81554	16.38823	16007.09	1.44E+08	13.22779	0.27898	12.21023	8710.333	26.71891
2997	56.29533	16.65757	14125.91	1.44E+08	13.32599	0.274611	12.28181	8714.496	26.77952
2976	57.00076	16.54812	9346.616	1.44E+08	13.48862	0.271331	12.35315	8717.833	26.82584
2974	56.77651	16.25604	8759.036	1.44E+08	13.79061	0.268831	12.42427	8719.9	26.89103
2963	56.3063	15.89347	10743.1	1.44E+08	14.17845	0.268831	12.49516	8719.991	26.89103
1788	NA	NA	40.71966	2996096	2.983983	NA	0.709295	NA	NA
1948	NA	NA	40.97549	3050604	2.995767	NA	0.744353	NA	NA
1878	NA	NA	41.25078	3102972	3.00151	NA	0.780888	NA	NA
1898	NA	NA	41.11681	3161724	2.99245	NA	0.818919	NA	NA
1920	NA	NA	46.0263	3232934	2.964366	NA	0.858463	NA	NA
2066	NA	NA	37.51812	3319082	2.940904	NA	0.89953	NA	NA
2265	NA	NA	46.67795	3418317	2.902686	NA	0.942125	NA	NA
2168	NA	NA	48.81973	3527263	2.855897	NA	0.986247	NA	NA
2251	NA	NA	51.83225	3640591	2.807676	NA	1.03189	NA	NA
2278	NA	NA	58.56908	3754541	2.761296	NA	1.07904	NA	NA
2253	NA	NA	57.63525	3868337	2.736499	NA	1.12768	NA	NA
2170	NA	NA	61.86657	3983700	2.708362	NA	1.177784	NA	NA
2173	NA	NA	70.87358	4102321	2.674778	NA	1.229323	NA	NA
2131	NA	NA	72.97684	4226799	2.633127	NA	1.282261	NA	NA
2291	NA	NA	131.1886	4359092	2.582441	NA	1.336558	NA	NA
2333	NA	NA	141.7386	4499509	2.550123	NA	1.392168	NA	NA
2355	NA	NA	160.6524	4647615	2.512364	NA	1.449045	NA	NA
2328	NA	NA	188.5431	4803725	2.467918	NA	1.507135	NA	NA
2357	NA	NA	223.295	4968074	2.414276	NA	1.566387	NA	NA
2339	NA	NA	244.0838	5140716	2.351482	0.073568	1.626744	8501.909	21.45789
2344	NA	NA	264.7327	5315032	2.309525	0.073282	1.688151	8500.439	21.46572
2349	NA	NA	256.36	5489322	2.262319	0.072958	1.750552	8499.153	21.47132
2327	NA	NA	260.8017	5673614	2.216629	0.072619	1.813891	8498.009	21.47417
2215	NA	NA	269.8807	5881906	2.179532	0.072296	1.878117	8496.981	21.47436
2289	NA	NA	280.3261	6120107	2.154292	0.071985	1.943177	8496.045	21.47071
2147	NA	NA	303.4973	6407672	2.149626	0.071627	2.009026	8494.576	21.49801
2061	NA	NA	320.4682	6732131	2.148458	0.071276	2.075619	8493.107	21.55319
1913	NA	NA	340.7444	7030179	2.153857	0.070954	2.142918	8491.623	21.59187
1945	NA	NA	333.2889	7216028	2.175504	0.070797	2.210891	8490.106	21.62214
1800	22.28175	17.26511	352.4401	7235798	2.222768	0.070696	2.279512	8488.545	21.64494
1935	22.64549	17.50981	271.0814	7051759	2.247368	0.070405	2.348759	8487.002	21.661
1873	22.55299	17.40003	302.7562	6701851	2.269179	0.070034	2.418622	8485.528	21.66855
1917	21.68793	17.00771	312.9452	6299909	2.279604	0.069642	2.489097	8484.127	21.66533
1840	23.21263	17.67137	125.4995	6005095	2.25327	0.069252	2.560189	8482.809	21.64856
1794	23.75176	18.05231	218.2048	5928078	2.158609	0.068839	2.63191	8481.583	21.63226
1753	24.08156	18.1825	226.0502	6115168	2.394145	0.068752	2.704286	8477.487	21.62034
1688	24.18091	18.22795	283.8776	6522382	2.624425	0.068736	2.777347	8470.185	21.61168
1703	23.83213	17.93441	281.7842	7059813	2.850911	0.068815	2.851139	8459.378	21.60307
1709	23.36366	17.54342	239.378	7593239	3.057839	0.068501	2.925712	8444.742	21.59741
1842	22.63813	16.96019	216.1728	8025703	3.229113	0.068163	3.001132	8425.92	21.59585





2019	NA	NA	NA	NA	NA	NA	NA	NA
2030	NA	NA	NA	NA	NA	NA	NA	NA
2023	NA	NA	NA	NA	NA	NA	NA	NA
2043	NA	NA	NA	NA	NA	NA	NA	NA
1960	NA	NA	NA	NA	NA	NA	NA	NA
1961	NA	NA	NA	NA	NA	NA	NA	NA
1946	NA	NA	NA	NA	NA	NA	NA	NA
2090	NA	NA	NA	NA	NA	NA	NA	NA
2113	NA	NA	NA	NA	NA	NA	NA	NA
2106	NA	NA	NA	NA	NA	NA	NA	NA
2076	NA	NA	NA	NA	NA	NA	NA	NA
2087	NA	NA	NA	NA	NA	NA	NA	NA
2022	NA	NA	NA	NA	NA	NA	NA	NA
2049	NA	NA	NA	NA	NA	NA	NA	NA
2075	NA	NA	NA	NA	NA	NA	NA	NA
2144	NA	NA	NA	NA	NA	NA	NA	NA
2115	NA	NA	NA	NA	NA	NA	NA	NA
2111	NA	NA	NA	NA	NA	NA	NA	NA
2092	NA	NA	NA	NA	NA	NA	NA	NA
2098	NA	NA	NA	NA	NA	NA	NA	NA
2119	NA	NA	NA	NA	NA	NA	NA	NA
2115	NA	NA	NA	NA	NA	NA	NA	NA
2103	NA	NA	NA	NA	NA	NA	NA	NA
2133	NA	NA	NA	NA	NA	NA	NA	NA
2228	NA	NA	NA	NA	NA	NA	NA	NA
1411	NA	NA	NA	NA	NA	4.746048	NA	NA
1480	NA	NA	NA	NA	NA	4.82406	NA	NA
1418	NA	NA	NA	NA	NA	4.900036	NA	NA
1491	NA	NA	NA	NA	NA	4.973805	NA	NA
1453	NA	NA	NA	NA	NA	5.045208	NA	NA
1507	NA	NA	NA	NA	NA	5.114108	NA	NA
1494	NA	NA	NA	NA	NA	5.180384	NA	NA
1574	NA	NA	NA	NA	NA	5.243941	NA	NA
1601	NA	NA	NA	NA	NA	5.304708	NA	NA
1677	NA	NA	NA	NA	NA	5.362643	NA	NA
1786	NA	NA	NA	NA	NA	5.417731	NA	NA
1729	NA	NA	NA	NA	NA	5.469993	NA	NA
1674	NA	NA	NA	NA	NA	5.519481	NA	NA
1627	NA	NA	NA	NA	NA	5.566284	NA	NA
1637	NA	NA	NA	NA	NA	5.610525	NA	NA
1696	NA	NA	NA	NA	NA	5.652366	NA	NA
1856	NA	NA	NA	NA	NA	5.692004	NA	NA
1947	NA	NA	NA	NA	NA	5.729671	NA	NA
1984	NA	NA	NA	NA	NA	5.765636	NA	NA
1880	NA	NA	NA	NA	0.092293	5.800199	3190.61	24.22939
1960	NA	NA	NA	NA	0.091443	5.83369	3183.582	24.31971
1966	NA	NA	NA	NA	0.090607	5.866468	3177.432	24.41434
1968	NA	NA	NA	NA	0.089814	5.898915	3171.966	24.51917
2082	NA	NA	NA	NA	0.089121	5.931433	3167.046	24.64144

2088	NA	NA	NA	NA	NA	0.088521	5.964438	3162.574	24.76727
2105	NA	NA	NA	NA	NA	0.088237	5.998357	3155.553	24.89333
2127	NA	NA	NA	NA	NA	0.088031	6.033622	3148.532	25.01965
2042	NA	NA	NA	NA	NA	0.087998	6.070665	3141.432	25.15609
2086	NA	NA	NA	NA	NA	0.088344	6.109911	3134.184	25.29623
2139	45.53855	22.60343	NA	NA	NA	0.088735	6.151773	3126.724	25.43267
2223	45.98513	22.35225	NA	NA	NA	0.089084	6.196648	3118.878	25.57396
2327	45.92505	22.1071	NA	NA	NA	0.089524	6.24491	3110.841	25.71618
2328	46.38369	22.04585	NA	NA	NA	0.090049	6.296906	3102.597	25.85222
2367	48.41179	22.6988	NA	NA	NA	0.090506	6.352949	3094.133	25.98844
2298	48.79461	22.56489	NA	NA	NA	0.090984	6.413317	3085.444	26.11438
2305	49.37413	22.55837	NA	NA	NA	0.091409	6.478245	3077.432	26.23603
2358	47.51829	21.36698	NA	NA	NA	0.091497	6.547926	3070.309	26.34823
2309	46.42497	20.52201	NA	NA	NA	0.091622	6.622504	3064.173	26.45768
2319	46.34326	20.21926	NA	NA	NA	0.09204	6.702072	3059.133	26.52986
2339	45.00254	19.52675	NA	NA	NA	0.092418	6.786674	3055.308	26.59735
2213	44.28475	19.12076	NA	NA	NA	0.093841	6.8763	3054.816	26.62804
2296	44.71842	19.19822	NA	NA	NA	0.094983	6.970889	3056.994	26.66674
2294	44.272	18.84206	NA	NA	NA	0.09587	7.070327	3062.004	26.72327
2275	44.24222	18.64567	NA	NA	NA	0.096446	7.174451	3070.014	26.79264
2298	44.1324	18.47744	NA	NA	NA	0.096795	7.283049	3081.197	26.86111
2252	44.64163	18.57445	NA	NA	NA	0.097067	7.395868	3093.835	26.93523
2194	45.57162	18.8088	NA	NA	NA	0.097133	7.512613	3105.772	27.01419
2147	46.60161	19.068	NA	NA	NA	0.097367	7.632954	3116.702	27.08703
2173	48.0731	19.45402	NA	NA	NA	0.097686	7.756533	3126.274	27.16186
2197	49.67058	19.86493	NA	NA	NA	0.098035	7.88297	3134.094	27.22109
2185	51.24606	20.30369	NA	NA	NA	0.09837	8.011866	3139.713	27.2613
2193	53.10461	20.84923	NA	NA	NA	0.097656	8.142816	3144.693	27.27889
2218	52.78319	20.61336	NA	NA	NA	0.096952	8.275409	3147.275	27.2869
2222	53.06886	20.67365	NA	NA	NA	0.096194	8.409237	3149.337	27.28579
2206	53.85525	20.81533	NA	NA	NA	0.095446	8.543905	3150.791	27.28182
2219	54.42657	20.91465	NA	NA	NA	0.094731	8.67903	3151.539	27.27696
2267	54.89374	20.95927	NA	NA	NA	0.094731	8.814249	3151.477	27.27696
1502	NA	NA	NA	NA	NA	NA	3.46208	NA	NA
1621	NA	NA	NA	NA	NA	NA	3.523134	NA	NA
1532	NA	NA	NA	NA	NA	NA	3.584133	NA	NA
1583	NA	NA	NA	NA	NA	NA	3.645062	NA	NA
1638	NA	NA	NA	NA	NA	NA	3.705909	NA	NA
1737	NA	NA	NA	NA	NA	NA	3.766668	NA	NA
1697	NA	NA	NA	NA	NA	NA	3.827338	NA	NA
1756	NA	NA	NA	NA	NA	NA	3.887924	NA	NA
1801	NA	NA	NA	NA	NA	NA	3.948434	NA	NA
1838	NA	NA	NA	NA	NA	NA	4.008885	NA	NA
1870	NA	NA	NA	NA	NA	NA	4.069296	NA	NA
1901	NA	NA	NA	NA	NA	NA	4.129691	NA	NA
1877	NA	NA	NA	NA	NA	NA	4.190103	NA	NA
1830	NA	NA	NA	NA	NA	NA	4.250565	NA	NA
1773	NA	NA	NA	NA	NA	NA	4.311119	NA	NA
1787	NA	NA	NA	NA	NA	NA	4.371809	NA	NA

1866	NA	NA	NA	NA	NA	4.432684	NA	NA
1862	NA	NA	NA	NA	NA	4.493798	NA	NA
1985	NA	NA	NA	NA	NA	4.555207	NA	NA
1993	NA	NA	NA	NA	0.093737	4.616971	3116.433	25.07444
2077	NA	NA	NA	NA	0.093957	4.679153	3112.452	25.16772
2008	NA	NA	NA	NA	0.094127	4.741818	3108.968	25.26992
2000	NA	NA	NA	NA	0.09429	4.805034	3105.872	25.38362
2014	NA	NA	NA	NA	0.094449	4.86887	3103.085	25.50372
2010	NA	NA	NA	NA	0.094621	4.933394	3100.552	25.6188
1999	NA	NA	NA	NA	0.094642	4.998678	3096.575	25.71102
1995	NA	NA	NA	NA	0.094701	5.064791	3092.598	25.79449
1971	NA	NA	NA	NA	0.094832	5.131802	3088.576	25.89251
1894	NA	NA	NA	NA	0.095141	5.19978	3084.47	25.98329
1923	46.22046	22.58239	NA	NA	0.095463	5.268792	3080.244	26.06622
1949	46.37779	22.27435	NA	NA	0.095689	5.338901	3075.441	26.14145
1929	46.39364	22.08256	NA	NA	0.095897	5.41017	3070.138	26.21705
2040	47.33745	22.52797	NA	NA	0.096063	5.482656	3064.29	26.28381
1913	48.47616	22.89159	NA	NA	0.096061	5.556416	3057.853	26.34875
1929	49.50693	23.21224	NA	NA	0.096033	5.6315	3050.779	26.41662
1928	52.01114	24.32396	NA	NA	0.095973	5.707954	3043.404	26.49446
1905	52.91055	24.62387	NA	NA	0.095604	5.785822	3036.177	26.58466
1966	52.20677	24.07465	NA	NA	0.095363	5.86514	3029.156	26.68943
2059	51.07787	23.43943	NA	NA	0.094269	5.94594	3022.411	26.81576
2064	50.18873	22.9991	NA	NA	0.093344	6.028249	3016.018	26.94326
2051	49.92884	22.65333	NA	NA	0.091946	6.112087	3012.049	27.09987
2225	49.44235	22.17264	NA	NA	0.090487	6.197471	3010.368	27.27924
2259	48.86573	21.63259	NA	NA	0.08911	6.284409	3011.171	27.4779
2288	49.48968	21.77476	NA	NA	0.08779	6.372906	3014.664	27.68233
2352	49.40942	21.52682	NA	NA	0.086599	6.462959	3021.068	27.89455
2367	49.95524	21.53778	NA	NA	0.085523	6.554561	3029.004	28.10537
2389	50.27127	21.47077	NA	NA	0.084514	6.647699	3036.414	28.31271
2431	51.50401	21.92717	NA	NA	0.084233	6.742354	3043.04	28.48582
2439	51.59316	21.96713	NA	NA	0.08412	6.838501	3048.586	28.61535
2481	52.40916	22.22001	NA	NA	0.084168	6.936113	3052.71	28.72877
2508	54.44879	23.00637	NA	NA	0.084312	7.035153	3055.017	28.82881
2500	56.69117	23.86896	NA	NA	0.083975	7.135584	3056.813	28.91725
2537	58.07047	24.47872	NA	NA	0.083641	7.237363	3057.787	28.99828
2486	58.77604	24.85909	NA	NA	0.083304	7.340442	3058.465	29.0731
2553	59.12311	24.92064	NA	NA	0.082983	7.444771	3058.835	29.14334
2497	59.31076	24.87142	NA	NA	0.082645	7.550294	3058.924	29.20357
2553	59.40576	24.69172	NA	NA	0.082645	7.656953	3058.846	29.20357
1773	NA	NA	112119	2.055851	NA	4.767731	NA	NA
1746	NA	NA	115788	2.118527	NA	4.865545	NA	NA
1748	NA	NA	119561	2.175459	NA	4.964282	NA	NA
1791	NA	NA	123354	2.214764	NA	5.063881	NA	NA
1752	NA	NA	127068	2.229515	NA	5.164277	NA	NA
1750	NA	NA	130688	2.250398	NA	5.265402	NA	NA
1821	NA	NA	134193	2.263903	NA	5.367185	NA	NA
1865	NA	NA	137506	2.271174	NA	5.469554	NA	NA

1916	NA	NA	NA	140518	2.277288	NA	5.572433	NA	NA
1965	NA	NA	NA	143176	2.296474	NA	5.675749	NA	NA
2010	NA	NA	NA	145439	2.342563	NA	5.779422	NA	NA
1997	NA	NA	NA	147321	2.379837	NA	5.883375	NA	NA
2073	NA	NA	NA	148889	2.41455	NA	5.98753	NA	NA
2110	NA	NA	NA	150221	2.443067	NA	6.091809	NA	NA
2174	NA	NA	NA	151387	2.477095	NA	6.196134	NA	NA
2226	NA	NA	NA	152390	2.548724	NA	6.300429	NA	NA
2247	NA	NA	NA	153247	2.617343	NA	6.404619	NA	NA
2220	NA	NA	NA	154007	2.680398	NA	6.508629	NA	NA
2262	NA	NA	NA	154760	2.731326	NA	6.61239	NA	NA
2218	NA	NA	NA	155557	2.772617	0.258142	6.715833	5104.822	27.96614
2257	NA	NA	NA	156428	2.847956	0.261214	6.818893	5098.87	28.05498
2295	NA	NA	770.1356	157403	2.907823	0.264434	6.921509	5093.661	28.14095
2279	NA	NA	706.276	158384	2.951056	0.268022	7.023622	5089.032	28.22886
2289	NA	NA	685.5781	159283	2.992786	0.27193	7.12518	5084.865	28.31945
2475	NA	NA	597.2104	160031	3.040661	0.276147	7.226134	5081.077	28.4086
2368	NA	NA	628.5982	160592	3.192563	0.280356	7.326441	5075.13	28.47844
2459	NA	NA	693.8107	161015	3.364283	0.28472	7.426062	5069.184	28.55931
2500	NA	NA	824.032	161421	3.544768	0.28892	7.524964	5063.171	28.65036
2404	NA	NA	758.581	161998	3.713009	0.290294	7.62312	5057.032	28.75817
2392	24.22178	14.10633	772.207	162866	3.854703	0.29095	7.720508	5050.714	28.86203
2336	24.43058	14.19502	765.4819	164076	3.937809	0.290972	7.817113	5043.337	28.94974
2256	24.30974	14.01965	799.0762	165570	3.997705	0.289748	7.912927	5035.001	29.03868
2127	24.16588	13.8189	796.1562	167207	4.048275	0.288152	8.007945	5025.62	29.13669
2197	24.20757	13.74877	1309.916	168788	4.106927	0.286234	8.102171	5015.103	29.2454
2266	24.26628	13.6941	1321.519	170157	4.170854	0.284148	8.195616	5003.36	29.36388
2290	24.29618	13.58259	1459.041	171283	4.269542	0.282669	8.288293	4992.628	29.4769
2359	24.36824	13.4501	1657.833	172198	4.358355	0.281214	8.380225	4983.923	29.61593
2406	24.59282	13.37537	1557.868	172981	4.424763	0.279865	8.47144	4977.518	29.77515
2482	24.80387	13.31409	1489.648	173755	4.460879	0.277042	8.56197	4973.717	29.94048
2548	24.84899	13.18144	1540.689	174610	4.473971	0.274821	8.651856	4972.859	30.09651
2598	24.73201	13.02171	1555.474	175566	4.556691	0.27273	8.74114	4976.563	30.21609
2586	24.52661	12.81949	1631.417	176582	4.63071	0.270732	8.829871	4982.817	30.31961
2592	24.40699	12.66234	1907.209	177662	4.703876	0.26796	8.918103	4991.672	30.37992
2623	24.26196	12.49077	2351.034	178781	4.773438	0.265113	9.005892	5003.153	30.41357
2639	24.16235	12.33626	2571.287	179929	4.839687	0.26213	9.093298	5017.262	30.41409
2611	24.20036	12.34393	2807.954	181094	4.891935	0.259484	9.180386	5031.93	30.37827
2608	24.46218	12.47605	3022.562	182286	4.938942	0.256669	9.267219	5045.554	30.33628
2669	24.51241	12.44535	3509.761	183526	4.988394	0.253835	9.353864	5057.806	30.30223
2649	24.84918	12.66612	3035.068	184826	5.036629	0.251258	9.440389	5068.327	30.27791
2701	25.05175	12.72999	3453.434	186205	5.080959	0.250384	9.526861	5076.719	30.25271
2650	25.11379	12.69236	3942.052	187665	5.125623	0.24944	9.613345	5082.551	30.22579
2732	24.67972	12.45727	4234.641	189194	5.166126	0.248767	9.699908	5087.579	30.20054
2706	24.4026	12.30236	4219.025	190757	5.208197	0.24798	9.78661	5090.195	30.17472
2683	24.70605	12.43114	4187.231	192290	5.261844	0.247022	9.873512	5092.234	30.16042
2675	25.19595	12.62816	4150.004	193759	5.334462	0.245773	9.96067	5093.625	30.15205
2732	25.59073	12.7329	4031.467	195125	5.46214	0.244222	10.04813	5094.302	30.13725
2741	25.84067	12.75308	4280.839	196440	5.605783	0.244222	10.13595	5094.215	30.13725

2132	NA	NA	NA	64551	3.81094	NA	0.714421	NA	NA
2088	NA	NA	NA	64432	3.602247	NA	0.751308	NA	NA
2098	NA	NA	NA	64177	3.348552	NA	0.789937	NA	NA
2146	NA	NA	NA	64212	3.035258	NA	0.830376	NA	NA
2137	NA	NA	NA	64796	2.639052	NA	0.872693	NA	NA
2086	NA	NA	NA	66063	2.980488	NA	0.916957	NA	NA
2078	NA	NA	NA	67873	3.357742	NA	0.963239	NA	NA
2054	NA	NA	NA	70046	3.80607	NA	1.011611	NA	NA
2024	NA	NA	NA	72241	4.314724	NA	1.062144	NA	NA
1971	NA	NA	NA	74253	4.86041	NA	1.114913	NA	NA
1934	NA	NA	NA	75988	4.623098	NA	1.16999	NA	NA
1893	NA	NA	NA	77537	4.415956	NA	1.227449	NA	NA
1880	NA	NA	NA	79022	4.236795	NA	1.287363	NA	NA
1757	NA	NA	NA	80670	4.084542	NA	1.349804	NA	NA
1734	NA	NA	NA	82607	3.934291	NA	1.414841	NA	NA
1779	NA	NA	NA	84885	4.135006	NA	1.482543	NA	NA
1889	NA	NA	NA	87434	4.31068	NA	1.552976	NA	NA
1884	NA	NA	NA	90089	4.477794	NA	1.626201	NA	NA
1846	NA	NA	NA	92649	4.663839	NA	1.702274	NA	NA
1911	NA	NA	NA	94949	4.853132	0.041772	1.781247	5697.212	22.80346
1947	NA	NA	NA	96950	4.782878	0.041581	1.863165	5694.602	22.8169
1920	NA	NA	NA	98706	4.744392	0.041417	1.948063	5692.317	22.83719
1969	NA	NA	NA	100318	4.724975	0.041268	2.035969	5690.287	22.85921
1998	NA	NA	NA	101915	4.700976	0.041125	2.1269	5688.46	22.88514
1957	NA	NA	NA	103634	4.669317	0.04098	2.220861	5686.798	22.91899
1828	NA	NA	NA	105474	4.702581	0.04083	2.317845	5684.19	22.95507
1811	NA	NA	NA	107415	4.713494	0.040669	2.417827	5681.582	22.99004
1879	NA	NA	NA	109470	4.705399	0.0405	2.520772	5678.945	23.03566
2028	NA	NA	NA	111627	4.698684	0.040316	2.626624	5676.252	23.08994
2061	14.61517	10.39862	NA	113893	4.694757	0.040134	2.73531	5673.481	23.14513
2079	15.13678	10.67513	NA	116294	4.692417	0.039882	2.846739	5668.96	23.20386
2037	15.83171	11.00736	NA	118816	4.691287	0.039674	2.960803	5662.616	23.26546
2048	16.40826	11.31569	NA	121407	4.687539	0.039491	3.07737	5654.283	23.32416
2080	17.00468	11.62426	NA	123973	4.676825	0.039306	3.196295	5643.784	23.38221
1965	17.67451	11.96126	NA	126454	4.658611	0.039089	3.317411	5630.926	23.43166
2009	18.46733	12.36125	NA	128821	4.667717	0.038842	3.440535	5617.555	23.48299
2055	19.12898	12.70929	NA	131107	4.666418	0.038619	3.565469	5605.433	23.5325
2100	19.6968	12.99917	NA	133418	4.655294	0.038424	3.692004	5594.838	23.57406
2112	19.99432	13.09526	NA	135886	4.650222	0.038167	3.819921	5586.092	23.62611
2252	20.4385	13.30343	NA	138606	4.639049	0.037942	3.948993	5579.559	23.68573
2269	20.87266	13.47084	505.7872	141622	4.617927	0.037735	4.078995	5578.151	23.75327
2313	21.3756	13.70776	551.2039	144889	4.593862	0.037524	4.209703	5580.327	23.8288
2356	21.76621	13.89112	643.9491	148372	4.554768	0.03718	4.340902	5586.3	23.91403
2348	22.30423	14.16723	687.5484	151969	4.483151	0.036839	4.47239	5596.277	23.99477
2380	22.54918	14.21338	804.128	155630	4.377048	0.036468	4.603983	5610.452	24.06492
2370	23.12622	14.41153	836.7953	159328	4.258511	0.036097	4.735522	5626.522	24.12667
2322	23.61258	14.57407	886.6696	163101	4.117694	0.035795	4.866874	5641.697	24.17557
2282	23.94357	14.70781	1126.462	166913	3.956552	0.035577	4.997939	5655.569	24.21791
2247	24.89609	15.12886	1099.571	170813	3.794793	0.035404	5.128652	5667.674	24.24141

2181	26.01496	15.60401	1129.755	174776	3.633794	0.035229	5.258987	5677.488	24.25303
2143	26.93577	15.96042	1304.326	178800	3.496644	0.03508	5.388957	5684.421	24.26861
2243	27.80421	16.34368	1380.95	182889	3.358321	0.035041	5.518615	5690.524	24.28305
2270	28.35422	16.61017	1619.529	187045	3.227031	0.03509	5.648053	5693.695	24.29825
2188	28.86775	16.88877	1824.379	191266	3.106668	0.035195	5.777404	5696.211	24.32816
2183	29.46195	17.21762	1613.483	195553	3.002767	0.035392	5.906835	5697.965	24.36968
2271	30.20297	17.59102	1771.985	199910	2.937322	0.03565	6.036546	5698.849	24.40868
2279	30.50602	17.59228	1921.284	204327	2.88606	0.03565	6.166766	5698.762	24.40868
1650	NA	NA	NA	4218879	3.620914	NA	0.721594	NA	NA
1689	NA	NA	NA	4362864	3.61391	NA	0.762209	NA	NA
1693	NA	NA	NA	4516659	3.6016	NA	0.805206	NA	NA
1711	NA	NA	NA	4677404	3.584617	NA	0.850694	NA	NA
1740	NA	NA	NA	4843635	3.564286	NA	0.898783	NA	NA
1737	NA	NA	NA	5015204	3.547712	NA	0.949577	NA	NA
1765	NA	NA	NA	5194846	3.526784	NA	1.003178	NA	NA
1747	NA	NA	777.3157	5387486	3.501967	NA	1.059683	NA	NA
1722	NA	NA	801.0849	5599628	3.473177	NA	1.119183	NA	NA
1735	NA	NA	921.3459	5836389	3.440124	NA	1.181765	NA	NA
1727	NA	NA	1177.653	6100994	3.401577	NA	1.247508	NA	NA
1578	NA	NA	1511.467	6393894	3.36202	NA	1.316486	NA	NA
1558	NA	NA	2226.27	6714095	3.323873	NA	1.388765	NA	NA
1544	NA	NA	6433.037	7059334	3.28854	NA	1.464405	NA	NA
1638	NA	NA	6296.303	7428703	3.256073	NA	1.543462	NA	NA
1753	NA	NA	8186.32	7818613	3.202256	NA	1.625982	NA	NA
2016	NA	NA	9012.612	8231604	3.151427	NA	1.712009	NA	NA
2184	NA	NA	9247.362	8679840	3.103905	NA	1.801581	NA	NA
2464	NA	NA	12185.65	9179621	3.058884	NA	1.894731	NA	NA
2504	NA	NA	16892.36	9740599	3.016714	0.058063	1.99149	3378.463	24.61077
2517	NA	NA	17777.35	10366661	2.929815	0.058366	2.091883	3373.802	24.85216
2539	NA	NA	13870.19	11048080	2.84444	0.05882	2.195936	3369.723	25.14842
2624	NA	NA	10980.4	11763837	2.763571	0.059483	2.30367	3366.097	25.44788
2432	NA	NA	9581.512	12484967	2.689042	0.060491	2.415108	3362.834	25.72624
2426	NA	NA	7877.545	13189115	2.620236	0.061966	2.530272	3359.868	25.97298
2338	NA	NA	6270.232	13869012	2.621398	0.063814	2.649182	3355.211	26.15532
2300	NA	NA	5899.619	14525660	2.643935	0.066105	2.771862	3350.554	26.25169
2530	NA	NA	5823.476	15155223	2.686203	0.072334	2.898335	3345.845	26.31679
2479	NA	NA	6051.333	15755944	2.744012	0.078083	3.028628	3341.038	26.35842
2606	13.76042	5.948472	7204.729	16326815	2.814542	0.083969	3.162767	3336.09	26.34599
2599	14.49553	6.152552	7838.784	16867829	2.841676	0.087397	3.300781	3329.838	26.37839
2505	15.25878	6.363988	7888.21	17378833	2.86212	0.090774	3.442701	3322.318	26.42418
2471	16.08896	6.594066	7445.115	17859750	2.879548	0.094095	3.588556	3313.415	26.50805
2432	16.99215	6.831812	7382.132	18311090	2.895923	0.097442	3.738376	3303.006	26.68827
2577	17.82967	7.022147	7650.739	18735841	2.911158	0.100866	3.892187	3290.965	26.92207
2635	18.60321	7.192361	8293.221	19131578	2.929696	0.104152	4.05001	3278.828	27.15247
2690	19.26043	7.334748	8508.519	19505576	2.947224	0.105495	4.211859	3267.826	27.41506
2728	19.90049	7.468796	7382.161	19882458	2.96495	0.107051	4.377739	3258.179	27.62917
2786	20.55025	7.588212	7968.549	20294406	2.982856	0.107098	4.547642	3250.136	27.81205
2813	21.42856	7.743197	9126.954	20764312	3.000422	0.107332	4.721545	3243.98	27.982
2783	22.07535	7.808473	8643.494	21303592	2.991505	0.108098	4.899405	3243.508	28.10451

2725	23.40296	8.118925	8655.312	21906308	2.980402	0.108865	5.08116	3247.575	28.20342
2708	24.26229	8.240434	9567.458	22556425	2.969956	0.109604	5.266724	3256.491	28.28461
2655	25.09593	8.292852	11138.81	23228890	2.963895	0.110284	5.455986	3270.573	28.34989
2674	26.3838	8.413465	13739.83	23905654	2.965462	0.111307	5.648812	3290.145	28.35401
2729	27.96954	8.547941	15334.67	24578301	2.962023	0.112972	5.845038	3311.163	28.39893
2736	29.63735	8.668091	16472.17	25252569	2.966609	0.11484	6.044477	3329.763	28.40147
2701	31.35383	8.757804	20037.83	25940770	2.975031	0.116577	6.246917	3345.314	28.41306
2678	32.90743	8.80149	16094.29	26661492	2.980362	0.118232	6.452122	3357.097	28.41932
2809	34.31058	8.853319	19259.59	27425676	2.980904	0.119645	6.659839	3364.299	28.44425
2791	35.91057	8.867461	23770.75	28238020	2.97081	0.120758	6.869793	3366.006	28.49961
2959	37.50107	8.841343	25303.09	29086357	2.960199	0.121529	7.0817	3365.957	28.58389
2951	39.4766	8.882913	24934.39	29944476	2.961281	0.121986	7.295263	3366.147	28.69569
2926	41.63701	8.993349	24575.4	30776722	2.98948	0.121129	7.51018	3365.698	28.9148
2926	43.34579	9.008525	20732.86	31557144	3.053302	0.120169	7.726146	3364.762	29.15028
2918	44.73595	9.00782	19982.09	32275687	3.163009	0.119106	7.942856	3363.714	29.33987
2917	45.64142	9.008367	20849.29	32938213	3.295419	0.119106	8.160011	3363.396	29.33987
2100	NA	NA	321.36	3295293	2.618007	NA	0.417262	NA	NA
2115	NA	NA	320.4959	3386863	2.60418	NA	0.442563	NA	NA
2432	NA	NA	322.2923	3481745	2.583245	NA	0.469284	NA	NA
2334	NA	NA	332.0746	3580312	2.557738	NA	0.497475	NA	NA
2313	NA	NA	328.5634	3682876	2.529653	NA	0.52718	NA	NA
2248	NA	NA	329.0681	3789211	2.532242	NA	0.558438	NA	NA
2283	NA	NA	319.673	3899237	2.52929	NA	0.591285	NA	NA
2209	NA	NA	326.242	4013539	2.52149	NA	0.625749	NA	NA
2215	NA	NA	301.3022	4132844	2.50837	NA	0.661854	NA	NA
2020	NA	NA	304.7343	4257505	2.49059	NA	0.699612	NA	NA
2006	NA	NA	305.2436	4388458	2.507327	NA	0.739031	NA	NA
1962	NA	NA	358.1915	4525114	2.517528	NA	0.780108	NA	NA
2059	NA	NA	399.4899	4664444	2.522015	NA	0.82283	NA	NA
2120	NA	NA	437.1455	4802348	2.522474	NA	0.867175	NA	NA
2040	NA	NA	573.3931	4936209	2.519828	NA	0.91311	NA	NA
2022	NA	NA	566.6264	5064674	2.55744	NA	0.960592	NA	NA
1886	NA	NA	566.1478	5189539	2.590384	NA	1.009565	NA	NA
1938	NA	NA	617.1573	5315265	2.618044	NA	1.059965	NA	NA
2016	NA	NA	749.779	5448110	2.639411	NA	1.111716	NA	NA
2035	NA	NA	793.0147	5592646	2.654504	0.096913	1.164732	5133.421	22.26006
2265	NA	NA	699.3845	5750338	2.69139	0.09748	1.218919	5139.221	22.27875
2196	NA	NA	664.9864	5920059	2.722304	0.097902	1.274174	5144.295	22.30296
2044	NA	NA	575.6997	6100495	2.748662	0.098098	1.330385	5148.806	22.31678
2143	NA	NA	544.5936	6289327	2.772093	0.098071	1.387438	5152.866	22.33846
2316	NA	NA	578.2896	6484738	2.793868	0.097799	1.44521	5156.556	22.35572
2201	NA	NA	793.3162	6686159	2.829158	0.09727	1.503579	5162.35	22.3702
1992	NA	NA	925.6574	6893896	2.863693	0.096396	1.56242	5168.144	22.37925
2008	NA	NA	887.8835	7107976	2.897112	0.095172	1.62161	5174.003	22.39496
1988	NA	NA	848.7015	7328600	2.928663	0.093151	1.681029	5179.984	22.41069
2082	17.68245	13.44995	957.8438	7555617	2.958395	0.091294	1.740563	5186.14	22.42288
2086	18.09775	13.67323	912.9101	7789653	2.992393	0.08935	1.800107	5190.593	22.4424
1976	18.44249	13.85654	946.733	8029725	3.021125	0.087633	1.859563	5192.998	22.46657
2091	18.6624	13.97749	869.0859	8272170	3.046262	0.086194	1.91885	5193.167	22.52475





2426	NA	NA	NA	NA	NA	NA	NA	NA	NA
1740	NA	NA	140.7497	2329204	2.875231	NA	0.425117	NA	NA
1768	NA	NA	145.0358	2363013	2.897953	NA	0.448278	NA	NA
1899	NA	NA	145.3239	2398414	2.905545	NA	0.47253	NA	NA
1921	NA	NA	152.6969	2435204	2.898648	NA	0.497897	NA	NA
2076	NA	NA	145.3041	2473294	2.878186	NA	0.5244	NA	NA
2163	NA	NA	149.4357	2512652	2.920062	NA	0.552055	NA	NA
2212	NA	NA	136.5934	2553529	2.948508	NA	0.580877	NA	NA
2182	NA	NA	127.037	2596568	2.962911	NA	0.610877	NA	NA
2182	NA	NA	154.6541	2642608	2.962944	NA	0.642062	NA	NA
2204	NA	NA	161.3553	2692259	2.948862	NA	0.674435	NA	NA
2166	NA	NA	152.798	2745779	2.994014	NA	0.707996	NA	NA
2140	NA	NA	166.0278	2803031	3.024084	NA	0.742742	NA	NA
2103	NA	NA	200.8669	2863739	3.039802	NA	0.778665	NA	NA
2085	NA	NA	221.5535	2927468	3.042971	NA	0.815757	NA	NA
2091	NA	NA	226.9085	2993876	3.035463	NA	0.854005	NA	NA
2049	NA	NA	194.2227	3062956	3.07089	NA	0.893395	NA	NA
2075	NA	NA	220.6768	3134800	3.094839	NA	0.933914	NA	NA
2064	NA	NA	299.361	3209263	3.107037	NA	0.975544	NA	NA
2035	NA	NA	337.588	3286179	3.107378	NA	1.018272	NA	NA
2066	NA	NA	327.0555	3365441	3.096444	0.183534	1.062084	5671.643	22.20579
2057	NA	NA	323.5822	3445277	3.117543	0.18045	1.106969	5677.366	22.20147
2039	NA	NA	367.437	3525399	3.123391	0.177264	1.152918	5682.374	22.19785
1931	NA	NA	275.7476	3608751	3.115815	0.174008	1.199929	5686.825	22.19245
1906	NA	NA	293.9537	3699467	3.096527	0.170802	1.248001	5690.832	22.1893
1920	NA	NA	225.5242	3799550	3.067311	0.167682	1.297145	5694.474	22.18632
1944	NA	NA	125.288	3912438	3.05771	0.1647	1.347373	5700.191	22.1839
1950	NA	NA	173.8204	4034668	3.033484	0.162032	1.398711	5705.908	22.18427
1901	NA	NA	254.0544	4152984	2.996135	0.15976	1.451189	5711.69	22.19303
1916	NA	NA	219.5509	4249468	2.948628	0.158273	1.504849	5717.593	22.20929
1901	16.97274	12.94797	150.6512	4312246	2.89566	0.157261	1.559742	5723.668	22.23103
1938	17.03277	12.92884	179.8336	4337239	2.893961	0.156046	1.61593	5728.078	22.26033
1965	17.28682	13.00695	156.9951	4331332	2.865054	0.155197	1.673481	5730.483	22.29316
1985	17.39798	13.03828	178.4906	4307299	2.808651	0.154661	1.732477	5730.701	22.33369
2068	17.64474	13.19548	212.8844	4283621	2.72279	0.154452	1.793006	5728.527	22.38359
2095	18.07748	13.42128	203.6949	4274819	2.60411	0.154554	1.855164	5723.733	22.43534
2142	18.38782	13.6	219.9125	4282350	2.597803	0.154726	1.919054	5717.61	22.4866
2172	18.77381	13.87245	197.4746	4305455	2.571807	0.155147	1.984782	5712.075	22.53459
2105	19.17066	14.00881	154.4397	4353646	2.524849	0.155768	2.052459	5707.363	22.57627
2023	19.47512	14.2164	150.837	4437803	2.455404	0.155345	2.122194	5703.749	22.58654
1937	19.82077	14.41487	139.3148	4564297	2.363102	0.155459	2.194096	5701.55	22.59816
1947	20.28819	14.7006	230.0979	4739147	2.368506	0.156023	2.268268	5703.732	22.60677
1994	20.93781	15.06077	252.8315	4957216	2.368366	0.156912	2.344808	5709.27	22.62744
1978	21.37513	15.26371	266.5251	5199549	2.363801	0.157608	2.423804	5718.415	22.65333
1969	21.94755	15.54514	266.29	5439695	2.357798	0.158421	2.505335	5731.419	22.68022
2027	22.37224	15.71942	291.6903	5658379	2.353978	0.159334	2.589466	5748.535	22.71235
2089	22.83966	15.9684	322.3135	5848692	2.38479	0.16005	2.67625	5767.083	22.74985
2129	23.36097	16.27778	358.8275	6015417	2.406151	0.160524	2.765729	5784.195	22.78952
2134	23.62444	16.43695	406.3759	6165372	2.419757	0.160481	2.857931	5799.434	22.82919

2190	24.11232	16.73857	388.8746	6310260	2.426826	0.159203	2.952875	5812.302	22.84945
2235	24.6695	17.04283	399.1544	6458720	2.427788	0.157108	3.050569	5822.234	22.86283
2282	25.00562	17.17947	445.052	6611692	2.460081	0.154386	3.151018	5828.588	22.89496
2323	25.58086	17.45607	561.8984	6766103	2.484739	0.151294	3.254222	5833.833	22.93568
2347	25.98329	17.61335	710.8187	6922079	2.500665	0.14814	3.360185	5836.599	22.99186
2429	26.36903	17.79766	708.4395	7079162	2.506285	0.145695	3.46891	5838.663	23.05978
2396	26.56182	17.90228	582.9362	7237025	2.501871	0.143336	3.580409	5839.971	23.12038
2401	26.75542	17.96296	480.793	7396190	2.525354	0.141173	3.694704	5840.513	23.17175
2405	26.86976	17.92731	499.5291	7557212	2.537536	0.141173	3.811826	5840.372	23.17175
2491	46.25254	19.5565	3089.438	5325305	10.59903	0.248378	12.43383	7690.838	26.16606
2661	47.19455	19.56978	3755.728	5346331	10.6623	0.242092	12.48591	7689.8	26.20707
2449	48.81134	19.88734	4799.151	5361999	10.72676	0.236522	12.53712	7688.374	26.24013
2534	49.13024	19.71052	5177.749	5373361	10.87168	0.232337	12.58755	7683.905	26.24824
2526	52.21065	20.55948	5138.149	5383291	11.01255	0.228813	12.63728	7676.415	26.26182
2555	52.75241	20.45165	5533.589	5390516	11.13909	0.226516	12.68639	7665.658	26.27785
2554	53.79917	20.49477	5636.58	5396020	11.23466	0.223192	12.73495	7651.365	26.26377
2439	53.52589	20.02372	5402.93	5388720	11.29159	0.220015	12.78305	7633.247	26.25527
2493	55.65823	20.21349	5708.083	5378867	11.40404	0.217636	12.83077	7616.215	26.23047
2495	55.34476	19.62839	6524.862	5376912	11.47654	0.216151	12.87819	7603.263	26.21312
2484	55.92558	19.42043	8696.913	5373374	11.52626	0.215507	12.92538	7595.038	26.20486
2485	56.85665	19.32014	10654.79	5372280	11.57558	0.214596	12.97242	7592.266	26.18515
2468	57.66258	19.14881	11669.42	5372807	11.63768	0.214078	13.01937	7595.763	26.18238
2479	58.86602	19.06653	13139.03	5373054	11.77429	0.211878	13.06629	7604.643	26.20771
2472	61.28275	19.341	16057.73	5374622	11.92192	0.209095	13.11324	7614.072	26.25283
2481	60.21289	18.77713	18650.36	5379233	12.0826	0.206173	13.16027	7623.73	26.30568
2526	61.55831	18.97327	16512.98	5386406	12.258	0.203414	13.20741	7633.207	26.35208
2554	60.31431	18.48323	16600.61	5391428	12.45234	0.202215	13.25469	7641.992	26.39427
2580	61.43464	18.65743	18187.16	5398384	12.71775	0.20101	13.30214	7649.452	26.45092
2579	61.81341	18.64003	17274.64	5407579	12.99911	0.199461	13.34978	7656.783	26.50341
2607	62.40485	18.6027	18191.61	5413393	13.30737	0.197319	13.39762	7660.523	26.57104
2671	61.65005	18.23852	18629.78	5418649	13.65753	0.194974	13.44565	7663.772	26.64456
2648	63.25778	18.53555	16132.86	5423801	14.0573	0.194113	13.49387	7666.309	26.70723
2687	62.25198	17.99225	16529.54	5430798	14.54686	0.193307	13.54227	7667.825	26.78391
2713	61.57758	17.70453	17604.95	5439892	15.07019	0.193307	13.59082	7667.861	26.78391
2451	69.93122	23.49845	NA	1996498	11.29906	0.268785	11.67251	7872.547	25.57686
2622	72.26525	24.10878	NA	1991746	11.62189	0.258906	11.74105	7872.363	25.60102
2711	71.96541	23.93092	NA	1989443	11.9504	0.249566	11.81207	7871.496	25.63656
2770	69.96747	23.15745	10690.67	1989872	12.29051	0.240859	11.88556	7869.883	25.70019
2897	70.76911	23.29962	10801.43	1988628	12.6867	0.234384	11.96146	7865.042	25.77043
2766	69.02564	22.78147	10447.94	1985956	13.07535	0.228497	12.03969	7857.258	25.84493
2686	71.86071	23.47198	11165.28	1981629	13.44745	0.223248	12.12012	7846.316	25.92731
2900	75.6892	24.37596	11442	1983045	13.79186	0.220739	12.20258	7831.986	26.01698
2873	72.67857	23.29288	10227.74	1988925	14.10436	0.218491	12.2869	7814.021	26.10586
2890	73.22066	23.15124	10479.3	1992060	14.42191	0.216524	12.37284	7797.888	26.19081
2916	73.15527	22.79277	11814.1	1994530	14.71399	0.215036	12.46016	7786.455	26.2734
2939	75.62449	23.05739	14880.47	1995733	14.98659	0.214499	12.5486	7780.418	26.35406
2982	77.98732	23.34112	17260.9	1997012	15.24477	0.21744	12.63788	7780.554	26.43668
2899	73.4197	22.08234	18169.18	2000474	15.49226	0.220371	12.72771	7787.734	26.51576
2950	67.85782	20.58876	19726.13	2006868	15.76048	0.221464	12.81782	7799.88	26.59354



2046	NA	NA	NA	NA	NA	NA	NA	NA	
2116	NA	NA	NA	NA	NA	NA	NA	NA	
2123	NA	NA	NA	NA	NA	NA	NA	NA	
2170	NA	NA	NA	NA	NA	NA	NA	NA	
2170	NA	NA	NA	NA	NA	NA	NA	NA	
2198	NA	NA	NA	NA	NA	NA	NA	NA	
2215	NA	NA	NA	NA	NA	NA	NA	NA	
2247	NA	NA	NA	NA	NA	NA	NA	NA	
2267	NA	NA	NA	NA	NA	NA	NA	NA	
2235	NA	NA	NA	NA	NA	NA	NA	NA	
2260	NA	NA	NA	NA	NA	NA	NA	NA	
2310	NA	NA	NA	NA	NA	NA	NA	NA	
2334	NA	NA	NA	NA	NA	NA	NA	NA	
2350	NA	NA	NA	NA	NA	NA	NA	NA	
2384	NA	NA	NA	NA	NA	NA	NA	NA	
2403	NA	NA	NA	NA	NA	NA	NA	NA	
2391	NA	NA	NA	NA	NA	NA	NA	NA	
2446	NA	NA	NA	NA	NA	NA	NA	NA	
2459	NA	NA	NA	NA	NA	NA	NA	NA	
2142	NA	NA	121396	2.888893	NA	2.002772	NA	NA	
2139	NA	NA	125064	3.130397	NA	2.047668	NA	NA	
2154	NA	NA	128866	3.358527	NA	2.093446	NA	NA	
2237	NA	NA	132782	3.512524	NA	2.14012	NA	NA	
2173	NA	NA	136847	3.593795	NA	2.187704	NA	NA	
2195	NA	NA	141026	3.634791	NA	2.236211	NA	NA	
2232	NA	173.3977	145351	3.623642	NA	2.285656	NA	NA	
2199	NA	187.327	149921	3.582553	NA	2.336052	NA	NA	
2186	NA	184.7064	154875	3.541566	NA	2.387414	NA	NA	
2212	NA	NA	160290	3.505521	NA	2.439755	NA	NA	
2135	NA	301.1629	166212	3.451616	NA	2.493089	NA	NA	
2131	NA	235.2676	172598	3.393434	NA	2.54743	NA	NA	
2115	NA	308.1819	179349	3.334839	NA	2.602792	NA	NA	
2154	NA	453.7027	186332	3.27641	NA	2.659188	NA	NA	
2136	NA	385.7277	193445	3.220037	NA	2.71663	NA	NA	
2115	NA	414.1702	200640	3.199761	NA	2.775133	NA	NA	
2122	NA	447.958	207937	3.18558	NA	2.834708	NA	NA	
2117	NA	515.5497	215347	3.174876	NA	2.895368	NA	NA	
2159	NA	678.6552	222897	3.160653	NA	2.957123	NA	NA	
2135	NA	731.6142	230607	3.145611	0.250696	3.019984	5235.88	25.04276	
2112	NA	785.4497	238479	3.100063	0.250693	3.083962	5235.446	25.07859	
2185	NA	764.5089	246493	3.041871	0.250622	3.149067	5235.066	25.11766	
2157	NA	707.8642	254596	2.983943	0.250399	3.215305	5234.727	25.15797	
2141	NA	962.3073	262709	2.929858	0.24995	3.282687	5234.423	25.20316	
2182	NA	857.8508	270801	2.885514	0.249205	3.351217	5234.147	25.24971	
2138	NA	755.7717	278838	2.87156	0.248122	3.420901	5233.712	25.29315	
2136	NA	831.7779	286863	2.857462	0.246728	3.491745	5233.278	25.33819	
2127	NA	1053.296	294964	2.840686	0.245019	3.563751	5232.839	25.38567	
2113	NA	1095.741	303253	2.814152	0.243236	3.636921	5232.391	25.4353	
2020	23.88446	16.00387	970.0969	311840	2.777065	0.241621	3.711257	5231.929	25.48387



2047	NA	NA	NA	NA	NA	NA	NA	NA
2074	NA	NA	NA	NA	NA	NA	NA	NA
2059	NA	NA	NA	NA	NA	NA	NA	NA
2087	NA	NA	NA	NA	NA	NA	NA	NA
2088	NA	NA	NA	NA	NA	NA	NA	NA
2128	NA	NA	NA	NA	NA	NA	NA	NA
2121	NA	NA	NA	NA	NA	NA	NA	NA
2048	NA	NA	NA	NA	NA	NA	NA	NA
2056	NA	NA	NA	NA	NA	NA	NA	NA
2095	NA	NA	NA	NA	NA	NA	NA	NA
2114	NA	NA	NA	NA	NA	NA	NA	NA
2145	NA	NA	NA	NA	NA	NA	NA	NA
2173	NA	NA	NA	NA	NA	NA	NA	NA
2189	NA	NA	NA	NA	NA	NA	NA	NA
2166	NA	NA	NA	NA	NA	NA	NA	NA
2179	NA	NA	NA	NA	NA	NA	NA	NA
2196	NA	NA	NA	NA	NA	NA	NA	NA
2201	NA	NA	NA	NA	NA	NA	NA	NA
2200	NA	NA	NA	NA	NA	NA	NA	NA
2242	NA	NA	NA	NA	NA	NA	NA	NA
2256	NA	NA	NA	NA	NA	NA	NA	NA
2286	NA	NA	NA	NA	NA	NA	NA	NA
2310	NA	NA	NA	NA	NA	NA	NA	NA
2342	NA	NA	NA	NA	NA	NA	NA	NA
2380	NA	NA	NA	NA	NA	NA	NA	NA
2410	NA	NA	NA	NA	NA	NA	NA	NA
2440	NA	NA	NA	NA	NA	NA	NA	NA
2480	NA	NA	NA	NA	NA	NA	NA	NA
2511	NA	NA	NA	NA	NA	NA	NA	NA
2531	NA	NA	NA	NA	NA	NA	NA	NA
2540	NA	NA	NA	NA	NA	NA	NA	NA
2569	NA	NA	NA	NA	NA	NA	NA	NA
2608	NA	NA	NA	NA	NA	NA	NA	NA
2627	NA	NA	NA	NA	NA	NA	NA	NA
2638	NA	NA	NA	NA	NA	NA	NA	NA
2284	NA	444.8963	17920673	3.783307	NA	3.805719	NA	NA
2235	NA	461.7982	18401608	3.783957	NA	3.892918	NA	NA
2307	NA	498.6017	18899275	3.775515	NA	3.980638	NA	NA
2338	NA	534.3742	19412975	3.758682	NA	4.068872	NA	NA
2455	NA	568.3483	19942303	3.734333	NA	4.157619	NA	NA
2373	NA	603.0698	20486439	3.72812	NA	4.246892	NA	NA
2338	NA	654.6263	21045785	3.713513	NA	4.336709	NA	NA
2377	NA	688.8306	21622590	3.695982	NA	4.427101	NA	NA
2419	NA	755.1819	22219897	3.680958	NA	4.518108	NA	NA
2433	NA	806.4131	22839451	3.671231	NA	4.60978	NA	NA
2394	NA	865.9172	23482813	3.678895	NA	4.702176	NA	NA
2455	NA	884.4631	24148137	3.679563	NA	4.795362	NA	NA
2482	NA	1179.795	24829693	3.671342	NA	4.889413	NA	NA
2436	NA	1442.282	25519604	3.652615	NA	4.984412	NA	NA



2099	NA	NA	NA	NA	NA	NA	NA	NA
2133	NA	NA	NA	NA	NA	NA	NA	NA
2133	NA	NA	NA	NA	NA	NA	NA	NA
2115	NA	NA	NA	NA	NA	NA	NA	NA
2112	NA	NA	NA	NA	NA	NA	NA	NA
2059	NA	NA	NA	NA	NA	NA	NA	NA
2042	NA	NA	NA	NA	NA	NA	NA	NA
2114	NA	NA	NA	NA	NA	NA	NA	NA
2120	NA	NA	NA	NA	NA	NA	NA	NA
2144	NA	NA	NA	NA	NA	NA	NA	NA
2167	NA	NA	NA	NA	NA	NA	NA	NA
2183	NA	NA	NA	NA	NA	NA	NA	NA
2222	NA	NA	NA	NA	NA	NA	NA	NA
2236	NA	NA	NA	NA	NA	NA	NA	NA
2213	NA	NA	NA	NA	NA	NA	NA	NA
2213	NA	NA	NA	NA	NA	NA	NA	NA
2180	NA	NA	NA	NA	NA	NA	NA	NA
2184	NA	NA	NA	NA	NA	NA	NA	NA
2211	NA	NA	NA	NA	NA	NA	NA	NA
2204	NA	NA	NA	NA	NA	NA	NA	NA
2240	NA	NA	NA	NA	NA	NA	NA	NA
2242	NA	NA	NA	NA	NA	NA	NA	NA
2238	NA	NA	NA	NA	NA	NA	NA	NA
2212	NA	NA	NA	NA	NA	NA	NA	NA
2269	NA	NA	NA	NA	NA	NA	NA	NA
2279	NA	NA	NA	NA	NA	NA	NA	NA
2293	NA	NA	NA	NA	NA	NA	NA	NA
2315	NA	NA	NA	NA	NA	NA	NA	NA
2325	NA	NA	NA	NA	NA	NA	NA	NA
2347	NA	NA	NA	NA	NA	NA	NA	NA
2354	NA	NA	NA	NA	NA	NA	NA	NA
2350	NA	NA	NA	NA	NA	NA	NA	NA
2426	NA	NA	NA	NA	NA	NA	NA	NA
2443	NA	NA	NA	NA	NA	NA	NA	NA
2456	NA	NA	NA	NA	NA	NA	NA	NA
2427	NA	NA	NA	NA	NA	NA	NA	NA
2505	NA	NA	NA	NA	NA	NA	NA	NA
2510	NA	NA	NA	NA	NA	NA	NA	NA
2514	NA	NA	NA	NA	NA	NA	NA	NA
2536	NA	NA	NA	NA	NA	NA	NA	NA
2556	NA	NA	NA	NA	NA	NA	NA	NA
2614	NA	NA	NA	NA	NA	NA	NA	NA
2598	NA	NA	NA	NA	NA	NA	NA	NA
2636	NA	NA	NA	NA	NA	NA	NA	NA
2675	NA	NA	NA	NA	NA	NA	NA	NA
2657	NA	NA	NA	NA	NA	NA	NA	NA
2668	NA	NA	NA	NA	NA	NA	NA	NA
2726	NA	NA	NA	NA	NA	NA	NA	NA
2696	NA	NA	NA	NA	NA	NA	NA	NA



2682	NA	NA	NA	NA	NA	NA	NA	NA
2701	NA	NA	NA	NA	NA	NA	NA	NA
2240	NA	NA	NA	NA	NA	NA	NA	NA
2198	NA	NA	NA	NA	NA	NA	NA	NA
2260	NA	NA	NA	NA	NA	NA	NA	NA
2285	NA	NA	NA	NA	NA	NA	NA	NA
2394	NA	NA	NA	NA	NA	NA	NA	NA
2314	NA	NA	NA	NA	NA	NA	NA	NA
2285	NA	NA	NA	NA	NA	NA	NA	NA
2324	NA	NA	NA	NA	NA	NA	NA	NA
2355	NA	NA	NA	NA	NA	NA	NA	NA
2371	NA	NA	NA	NA	NA	NA	NA	NA
2341	NA	NA	NA	NA	NA	NA	NA	NA
2397	NA	NA	NA	NA	NA	NA	NA	NA
2412	NA	NA	NA	NA	NA	NA	NA	NA
2371	NA	NA	NA	NA	NA	NA	NA	NA
2380	NA	NA	NA	NA	NA	NA	NA	NA
2342	NA	NA	NA	NA	NA	NA	NA	NA
2383	NA	NA	NA	NA	NA	NA	NA	NA
2396	NA	NA	NA	NA	NA	NA	NA	NA
2369	NA	NA	NA	NA	NA	NA	NA	NA
2400	NA	NA	NA	NA	NA	NA	NA	NA
2376	NA	NA	NA	NA	NA	NA	NA	NA
2453	NA	NA	NA	NA	NA	NA	NA	NA
2395	NA	NA	NA	NA	NA	NA	NA	NA
2400	NA	NA	NA	NA	NA	NA	NA	NA
2429	NA	NA	NA	NA	NA	NA	NA	NA
2384	NA	NA	NA	NA	NA	NA	NA	NA
2482	NA	NA	NA	NA	NA	NA	NA	NA
2437	NA	NA	NA	NA	NA	NA	NA	NA
2395	NA	NA	NA	NA	NA	NA	NA	NA
2414	NA	NA	NA	NA	NA	NA	NA	NA
2408	NA	NA	NA	NA	NA	NA	NA	NA
2395	NA	NA	NA	NA	NA	NA	NA	NA
2435	NA	NA	NA	NA	NA	NA	NA	NA
2434	NA	NA	NA	NA	NA	NA	NA	NA
2423	NA	NA	NA	NA	NA	NA	NA	NA
2414	NA	NA	NA	NA	NA	NA	NA	NA
2432	NA	NA	NA	NA	NA	NA	NA	NA
2459	NA	NA	NA	NA	NA	NA	NA	NA
2462	NA	NA	NA	NA	NA	NA	NA	NA
2509	NA	NA	NA	NA	NA	NA	NA	NA
2534	NA	NA	NA	NA	NA	NA	NA	NA
2540	NA	NA	NA	NA	NA	NA	NA	NA
2557	NA	NA	NA	NA	NA	NA	NA	NA
2590	NA	NA	NA	NA	NA	NA	NA	NA
2602	NA	NA	NA	NA	NA	NA	NA	NA
2580	NA	NA	NA	NA	NA	NA	NA	NA
2571	NA	NA	NA	NA	NA	NA	NA	NA

2578	NA	NA	NA	NA	NA	NA	NA	NA
2588	NA	NA	NA	NA	NA	NA	NA	NA
2611	NA	NA	NA	NA	NA	NA	NA	NA
2622	NA	NA	NA	NA	NA	NA	NA	NA
2631	NA	NA	NA	NA	NA	NA	NA	NA
2624	NA	NA	NA	NA	NA	NA	NA	NA
2600	NA	NA	NA	NA	NA	NA	NA	NA
2597	NA	NA	NA	NA	NA	NA	NA	NA
2583	NA	NA	NA	NA	NA	NA	NA	NA
2614	NA	NA	NA	NA	NA	NA	NA	NA
1960	NA	NA	NA	NA	NA	NA	NA	NA
1981	NA	NA	NA	NA	NA	NA	NA	NA
1928	NA	NA	NA	NA	NA	NA	NA	NA
1968	NA	NA	NA	NA	NA	NA	NA	NA
1921	NA	NA	NA	NA	NA	NA	NA	NA
1911	NA	NA	NA	NA	NA	NA	NA	NA
1947	NA	NA	NA	NA	NA	NA	NA	NA
1980	NA	NA	NA	NA	NA	NA	NA	NA
2019	NA	NA	NA	NA	NA	NA	NA	NA
2070	NA	NA	NA	NA	NA	NA	NA	NA
1944	NA	NA	NA	NA	NA	NA	NA	NA
1947	NA	NA	NA	NA	NA	NA	NA	NA
2011	NA	NA	NA	NA	NA	NA	NA	NA
1940	NA	NA	NA	NA	NA	NA	NA	NA
2015	NA	NA	NA	NA	NA	NA	NA	NA
1928	NA	NA	NA	NA	NA	NA	NA	NA
2045	NA	NA	NA	NA	NA	NA	NA	NA
2089	NA	NA	NA	NA	NA	NA	NA	NA
1981	NA	NA	NA	NA	NA	NA	NA	NA
1966	NA	NA	NA	NA	NA	NA	NA	NA
2014	NA	NA	NA	NA	NA	NA	NA	NA
1994	NA	NA	NA	NA	NA	NA	NA	NA
2131	NA	NA	NA	NA	NA	NA	NA	NA
2106	NA	NA	NA	NA	NA	NA	NA	NA
2064	NA	NA	NA	NA	NA	NA	NA	NA
2068	NA	NA	NA	NA	NA	NA	NA	NA
2084	NA	NA	NA	NA	NA	NA	NA	NA
2151	NA	NA	NA	NA	NA	NA	NA	NA
2228	NA	NA	NA	NA	NA	NA	NA	NA
2102	NA	NA	NA	NA	NA	NA	NA	NA
2156	NA	NA	NA	NA	NA	NA	NA	NA
2187	NA	NA	NA	NA	NA	NA	NA	NA
2135	NA	NA	NA	NA	NA	NA	NA	NA
2162	NA	NA	NA	NA	NA	NA	NA	NA
2181	NA	NA	NA	NA	NA	NA	NA	NA
2190	NA	NA	NA	NA	NA	NA	NA	NA
2212	NA	NA	NA	NA	NA	NA	NA	NA
2212	NA	NA	NA	NA	NA	NA	NA	NA
2255	NA	NA	NA	NA	NA	NA	NA	NA

2219	NA	NA	NA	NA	NA	NA	NA	NA
2178	NA	NA	NA	NA	NA	NA	NA	NA
2140	NA	NA	NA	NA	NA	NA	NA	NA
2137	NA	NA	NA	NA	NA	NA	NA	NA
2142	NA	NA	NA	NA	NA	NA	NA	NA
2150	NA	NA	NA	NA	NA	NA	NA	NA
2189	NA	NA	NA	NA	NA	NA	NA	NA
2244	NA	NA	NA	NA	NA	NA	NA	NA
2249	NA	NA	NA	NA	NA	NA	NA	NA
2255	NA	NA	NA	NA	NA	NA	NA	NA
2282	NA	NA	NA	NA	NA	NA	NA	NA
2279	NA	NA	NA	NA	NA	NA	NA	NA
2261	NA	NA	NA	NA	NA	NA	NA	NA
2282	NA	NA	NA	NA	NA	NA	NA	NA
2285	NA	NA	NA	NA	NA	NA	NA	NA
2289	NA	NA	NA	NA	NA	NA	NA	NA
2317	NA	NA	NA	NA	NA	NA	NA	NA
2367	NA	NA	NA	NA	NA	NA	NA	NA
2628	NA	NA	NA	NA	NA	NA	NA	NA
2708	NA	NA	NA	NA	NA	NA	NA	NA
2723	NA	NA	NA	NA	NA	NA	NA	NA
2686	NA	NA	NA	NA	NA	NA	NA	NA
2740	NA	NA	NA	NA	NA	NA	NA	NA
2768	NA	NA	NA	NA	NA	NA	NA	NA
2816	NA	NA	NA	NA	NA	NA	NA	NA
2851	NA	NA	NA	NA	NA	NA	NA	NA
2840	NA	NA	NA	NA	NA	NA	NA	NA
2908	NA	NA	NA	NA	NA	NA	NA	NA
2910	NA	NA	NA	NA	NA	NA	NA	NA
2926	NA	NA	NA	NA	NA	NA	NA	NA
2977	NA	NA	NA	NA	NA	NA	NA	NA
3013	NA	NA	NA	NA	NA	NA	NA	NA
2999	NA	NA	NA	NA	NA	NA	NA	NA
2981	NA	NA	NA	NA	NA	NA	NA	NA
2945	NA	NA	NA	NA	NA	NA	NA	NA
2997	NA	NA	NA	NA	NA	NA	NA	NA
3037	NA	NA	NA	NA	NA	NA	NA	NA
3056	NA	NA	NA	NA	NA	NA	NA	NA
2997	NA	NA	NA	NA	NA	NA	NA	NA
2979	NA	NA	NA	NA	NA	NA	NA	NA
2982	NA	NA	NA	NA	NA	NA	NA	NA
3012	NA	NA	NA	NA	NA	NA	NA	NA
3032	NA	NA	NA	NA	NA	NA	NA	NA
3078	NA	NA	NA	NA	NA	NA	NA	NA
3110	NA	NA	NA	NA	NA	NA	NA	NA
3139	NA	NA	NA	NA	NA	NA	NA	NA
3153	NA	NA	NA	NA	NA	NA	NA	NA
3174	NA	NA	NA	NA	NA	NA	NA	NA
3213	NA	NA	NA	NA	NA	NA	NA	NA

3060	NA	NA	NA	NA	NA	NA	NA	NA
3010	NA	NA	NA	NA	NA	NA	NA	NA
3028	NA	NA	NA	NA	NA	NA	NA	NA
3020	NA	NA	NA	NA	NA	NA	NA	NA
3100	NA	NA	NA	NA	NA	NA	NA	NA
3080	NA	NA	NA	NA	NA	NA	NA	NA
3122	NA	NA	NA	NA	NA	NA	NA	NA
3150	NA	NA	NA	NA	NA	NA	NA	NA
3116	NA	NA	NA	NA	NA	NA	NA	NA
3113	NA	NA	NA	NA	NA	NA	NA	NA
3126	NA	NA	NA	NA	NA	NA	NA	NA
3096	NA	NA	NA	NA	NA	NA	NA	NA
3095	NA	NA	NA	NA	NA	NA	NA	NA
3056	NA	NA	NA	NA	NA	NA	NA	NA
3092	NA	NA	NA	NA	NA	NA	NA	NA
3100	NA	NA	NA	NA	NA	NA	NA	NA
3090	NA	NA	NA	NA	NA	NA	NA	NA
3088	NA	NA	NA	NA	NA	NA	NA	NA
3071	NA	NA	NA	NA	NA	NA	NA	NA
3065	NA	NA	NA	NA	NA	NA	NA	NA
3046	NA	NA	NA	NA	NA	NA	NA	NA
3055	NA	NA	NA	NA	NA	NA	NA	NA
3019	NA	NA	NA	NA	NA	NA	NA	NA
3054	NA	NA	NA	NA	NA	NA	NA	NA
3062	NA	NA	NA	NA	NA	NA	NA	NA
3065	NA	NA	NA	NA	NA	NA	NA	NA
2465	NA	450.0533	30739250	8.290719	NA	5.688806	NA	NA
2565	NA	520.2061	31023366	8.386169	NA	5.737026	NA	NA
2495	NA	609.4874	31296651	8.48428	NA	5.789389	NA	NA
2372	NA	675.2416	31609195	8.593383	NA	5.846126	NA	NA
2433	NA	774.7616	31954292	8.720423	NA	5.907457	NA	NA
2479	NA	889.6599	32283194	8.894127	NA	5.973581	NA	NA
2471	NA	968.3068	32682947	9.078404	NA	6.044676	NA	NA
2496	NA	950.5457	33113134	9.266758	NA	6.120893	NA	NA
2372	NA	1077.679	33441054	9.448901	NA	6.202356	NA	NA
2451	NA	1208.997	33814531	9.618865	NA	6.28916	NA	NA
2474	NA	1358.466	34224490	9.77395	NA	6.381361	NA	NA
2550	NA	1704.167	34604469	9.904005	NA	6.478982	NA	NA
2555	NA	2241.449	34988947	10.01982	NA	6.582005	NA	NA
2762	NA	2742.456	35373335	10.13368	NA	6.690372	NA	NA
2792	NA	3201.119	35757900	10.25213	NA	6.803982	NA	NA
2722	NA	3270.406	36137812	10.42498	NA	6.922688	NA	NA
2683	NA	3617.738	36511638	10.60394	NA	7.046301	NA	NA
2679	NA	4344.607	36864898	10.78064	NA	7.174589	NA	NA
2714	NA	5754.542	37191330	10.94148	NA	7.307275	NA	NA
2823	NA	6191.715	37491165	11.0819	0.384003	7.444042	4351.17	24.85196
2687	NA	5356.578	37758631	11.22777	0.380528	7.584533	4346.19	24.93894
2776	NA	5145.694	37986012	11.35812	0.375519	7.728355	4341.833	25.02051
2766	NA	4466.336	38171525	11.49055	0.369012	7.875084	4337.96	25.10025

2788	NA	NA	4477.794	38330364	11.64926	0.3611	8.024268	4334.474	25.17373
2835	NA	NA	4686.891	38469512	11.84926	0.351986	8.175431	4331.304	25.24813
2841	NA	NA	6495.812	38584624	12.11804	0.341901	8.328082	4326.329	25.33179
2887	NA	NA	8217.234	38684815	12.40953	0.331212	8.481716	4321.355	25.40794
2953	NA	NA	9676.769	38766939	12.72375	0.321463	8.635824	4316.324	25.48059
2987	NA	NA	10652.96	38827764	13.05752	0.312045	8.789897	4311.188	25.55816
2998	61.70496	20.7202	13767.38	38867322	13.40685	0.304942	8.943435	4305.902	25.65995
3151	64.36658	20.97505	14771.67	38966376	13.7346	0.298963	9.095948	4300.097	25.76824
3134	64.37718	20.43831	16068.43	39157685	14.06704	0.293707	9.246966	4293.89	25.8702
3038	66.42454	20.49959	13303.68	39361262	14.40789	0.289091	9.396044	4287.245	25.95862
3030	68.41148	20.45097	13378.85	39549108	14.76188	0.285134	9.542764	4280.126	26.05993
2942	69.57182	20.23357	15429.94	39724050	15.13186	0.281985	9.686742	4272.501	26.16244
3074	69.45441	19.68793	16069.21	39889852	15.46327	0.279662	9.827629	4263.764	26.26773
3020	69.14013	18.93536	14696.22	40057389	15.81259	0.277677	9.965118	4254.19	26.3691
3058	69.90837	18.61678	15340.33	40223509	16.15622	0.276405	10.09894	4243.739	26.46333
3053	71.31921	18.4989	15678.22	40386875	16.45935	0.274918	10.22887	4232.37	26.54165
3083	69.9878	17.68952	14676.71	40567864	16.70288	0.274508	10.35474	4220.043	26.62318
3056	70.85763	17.41709	15323.61	40850412	16.75958	0.275227	10.47639	4211.973	26.66533
3075	71.22685	17.04532	17019.54	41431558	16.75662	0.276777	10.59374	4209.218	26.69469
3016	73.73074	17.23883	21495.71	42187645	16.72343	0.278428	10.70674	4212.338	26.71684
2966	71.77447	16.45951	24918.65	42921895	16.69972	0.280244	10.81536	4221.947	26.7429
2940	71.20225	16.11141	26510.72	43653155	16.70836	0.281986	10.91964	4238.718	26.76602
2943	70.75176	15.76805	28482.61	44397319	16.76047	0.283859	11.01963	4260.1	26.78421
2938	71.95437	15.75742	32709.4	45226803	16.8338	0.284887	11.11542	4280.871	26.7845
2922	73.2086	15.76646	35579.31	45954106	16.93006	0.283904	11.20714	4300.492	26.78743
2920	71.74837	15.26387	32334.01	46362946	17.05137	0.281401	11.29494	4318.325	26.77825
2892	69.93865	14.77742	30736.63	46576897	17.20327	0.27745	11.37897	4333.616	26.7807
2901	70.65855	14.84218	31835.29	46742697	17.49392	0.272464	11.45944	4345.484	26.78039
2878	68.31517	14.35201	28563.86	46773055	17.81651	0.26728	11.53654	4356.487	26.78483
2879	67.86334	14.14464	29211.77	46620045	18.16437	0.261335	11.6105	4362.14	26.80076
2863	65.94925	13.71113	29623.16	46480882	18.52118	0.25577	11.68154	4366.837	26.83146
2912	66.65149	13.83363	25789.52	46444832	18.87753	0.250728	11.7499	4370.324	26.86024
2974	64.12168	13.27088	26616.76	46484062	19.16703	0.245958	11.81582	4372.271	26.89779
2965	62.59736	12.93331	28156.82	46572028	19.4364	0.245958	11.87953	4372.224	26.89779
1895	NA	NA	142.838	10111646	4.361515	NA	2.502646	NA	NA
1916	NA	NA	138.5365	10352188	4.210173	NA	2.584957	NA	NA
1956	NA	NA	117.0719	10597520	4.066659	NA	2.669145	NA	NA
2059	NA	NA	120.7143	10849979	3.929427	NA	2.755184	NA	NA
2041	NA	NA	152.8526	11110828	3.799546	NA	2.843043	NA	NA
2052	NA	NA	153.8985	11380683	3.772419	NA	2.932691	NA	NA
2085	NA	NA	159.5059	11657660	3.744225	NA	3.024095	NA	NA
2080	NA	NA	150.8966	11937611	3.718265	NA	3.117224	NA	NA
2039	NA	NA	160.9129	12214968	3.69802	NA	3.212046	NA	NA
2016	NA	NA	183.9272	12485756	3.684575	NA	3.308529	NA	NA
1966	NA	NA	185.8596	12747842	3.736397	NA	3.406647	NA	NA
1971	NA	NA	196.4223	13002275	3.791783	NA	3.506372	NA	NA
2031	NA	NA	216.9941	13252087	3.849967	NA	3.607683	NA	NA
2104	NA	NA	264.7452	13501986	3.907936	NA	3.71056	NA	NA
2123	NA	NA	275.6273	13755161	3.964221	NA	3.814988	NA	NA

2124	NA	NA	256.2882	14012817	4.051955	NA	3.920955	NA	NA
2108	NA	NA	287.5661	14273272	4.132563	NA	4.028453	NA	NA
2111	NA	NA	188.0626	14533376	4.20841	NA	4.137477	NA	NA
2121	NA	NA	227.5137	14788607	4.283764	NA	4.248025	NA	NA
2109	NA	NA	267.6683	15035856	4.361162	0.144078	4.360097	7285.164	21.25309
2081	NA	NA	289.1201	15273391	4.461858	0.144427	4.473693	7293.394	21.28344
2110	NA	NA	307.6123	15502515	4.563202	0.14461	4.588814	7300.596	21.31769
2133	NA	NA	328.6055	15726802	4.666677	0.144568	4.705462	7306.997	21.35316
2105	NA	NA	378.8675	15951422	4.773242	0.14425	4.823633	7312.758	21.39428
2086	NA	NA	369.5016	16179796	4.884165	0.143684	4.943326	7317.996	21.43585
2062	NA	NA	390.2591	16412711	4.998601	0.142778	5.064529	7326.218	21.47866
2018	NA	NA	401.3809	16647945	5.115676	0.141581	5.187232	7334.439	21.51483
2049	NA	NA	413.357	16882189	5.234606	0.140074	5.311413	7342.753	21.54759
1973	NA	NA	408.3563	17110713	5.353564	0.137671	5.437047	7351.241	21.57575
1976	17.1508	8.86851	463.5132	17329713	5.471452	0.1352	5.5641	7359.977	21.59874
1938	16.65122	8.549655	513.1443	17539633	5.600186	0.13275	5.692533	7365.157	21.62247
1912	16.87742	8.57764	546.937	17740637	5.718566	0.13027	5.822294	7366.188	21.6496
1905	17.49879	8.743136	576.6593	17928576	5.83	0.127853	5.953329	7362.69	21.68103
2032	18.16689	8.90905	647.4405	18098348	5.938476	0.125488	6.085572	7354.246	21.72223
2034	18.62577	8.986471	714.0687	18247121	6.046905	0.123154	6.218951	7340.389	21.76356
1995	19.2311	9.150066	756.4581	18372120	6.099742	0.120971	6.35339	7321.982	21.81325
1984	19.98849	9.421476	816.8165	18476505	6.141665	0.118734	6.488803	7302.81	21.86433
1985	19.25199	8.977336	850.5319	18570701	6.175093	0.116425	6.625105	7283.179	21.90896
2111	19.71303	9.121095	838.6224	18669103	6.200426	0.114539	6.762203	7263.46	21.95403
2004	19.94957	9.097656	869.4957	18781938	6.219337	0.112926	6.900005	7244.095	21.98839
2049	19.27139	8.619011	832.7451	18913054	6.353733	0.111331	7.038417	7229.501	22.01631
2018	19.6563	8.626826	867.636	19059300	6.478848	0.109675	7.177349	7219.147	22.05682
2042	20.38024	8.746069	982.6419	19215307	6.597407	0.108463	7.316711	7213.488	22.12164
2069	21.15855	8.927076	1066.588	19372538	6.716337	0.106854	7.456417	7212.993	22.17904
2085	22.23927	9.106128	1250.005	19524558	6.843166	0.105101	7.596389	7218.139	22.23469
2070	22.5881	9.137601	1437.702	19670151	6.913104	0.103351	7.736554	7228.948	22.30107
2120	22.85032	9.129754	1632.961	19810789	6.979868	0.10227	7.876845	7241.609	22.37616
2120	23.51974	9.220965	2041.219	19945832	7.058221	0.101284	8.017209	7255.903	22.4328
2191	24.64044	9.341338	2095.444	20075086	7.165414	0.100332	8.157597	7271.553	22.47625
2173	25.31295	9.523202	2808.434	20198353	7.314968	0.099315	8.297974	7288.212	22.50822
2216	25.67134	9.455983	3214.014	20315017	7.668406	0.098287	8.438313	7305.46	22.53124
2237	26.4724	9.53744	3350.522	20425000	8.063461	0.097425	8.578597	7323.294	22.53823
2270	27.91145	9.871974	3610.289	20585000	8.482332	0.09681	8.718819	7332.219	22.54191
2304	28.44674	9.744343	3820.541	20771000	8.898782	0.096771	8.858984	7340.315	22.54172
2307	29.29686	9.840091	3844.514	20966000	9.298968	0.096714	8.999102	7346.999	22.55903
2305	29.71136	9.746437	3857.351	21203000	9.696275	0.09741	9.139192	7351.317	22.61887
2336	29.74028	9.559579	4073.737	21444000	10.06867	0.09741	9.279279	7351.597	22.61887
1471	NA	NA	131.6563	7769482	3.217628	NA	0.449494	NA	NA
1681	NA	NA	139.2146	8004121	3.191543	NA	0.477398	NA	NA
1612	NA	NA	137.8104	8248812	3.159994	NA	0.507022	NA	NA
1654	NA	NA	137.7195	8503994	3.126037	NA	0.538457	NA	NA
1484	NA	NA	139.5521	8770097	3.091505	NA	0.571796	NA	NA
1488	NA	NA	139.1537	9047798	3.075765	NA	0.607131	NA	NA
1605	NA	NA	146.379	9337657	3.057137	NA	0.644556	NA	NA

1643	NA	NA	148.3753	9639840	3.036762	NA	0.684165	NA	NA
1679	NA	NA	158.6177	9954410	3.015678	NA	0.726051	NA	NA
1792	NA	NA	175.0014	10281700	2.994835	NA	0.770306	NA	NA
1777	NA	NA	185.0112	10621472	2.992806	NA	0.817021	NA	NA
1771	NA	NA	194.7378	10974622	2.988923	NA	0.866282	NA	NA
1837	NA	NA	234.0105	11343926	2.982891	NA	0.918173	NA	NA
1876	NA	NA	291.7454	11732958	2.974195	NA	0.972774	NA	NA
1755	NA	NA	344.2048	12144135	2.962928	NA	1.030159	NA	NA
1798	NA	NA	415.3639	12578407	2.959898	NA	1.090394	NA	NA
1860	NA	NA	501.1829	13034625	2.953771	NA	1.153542	NA	NA
1996	NA	NA	427.1772	13510421	2.945763	NA	1.219655	NA	NA
1913	NA	NA	486.3441	14002303	2.937188	NA	1.288777	NA	NA
1876	NA	NA	388.2763	14507468	2.929402	0.100767	1.360942	3293.234	23.36047
1893	NA	NA	503.8178	15027270	2.926114	0.100756	1.436175	3292.954	23.39924
1760	NA	NA	449.1123	15562194	2.921368	0.100558	1.51449	3292.708	23.44132
1836	NA	NA	386.7865	16107730	2.91632	0.100411	1.595889	3292.49	23.4821
1608	NA	NA	441.419	16658054	2.912237	0.100338	1.680362	3292.294	23.51794
1810	NA	NA	547.3698	17210187	2.910276	0.100319	1.76789	3292.116	23.55432
1854	NA	NA	676.1247	17757169	2.915234	0.100231	1.858437	3291.835	23.59145
1766	NA	NA	840.9127	18302587	2.919079	0.10005	1.951961	3291.555	23.62225
1861	NA	NA	625.7902	18866319	2.921974	0.100334	2.048404	3291.272	23.65963
1779	NA	NA	605.5298	19475609	2.923282	0.100638	2.147699	3290.983	23.6961
1761	12.65648	8.606354	478.8013	20147590	2.922811	0.100918	2.249768	3290.685	23.72123
1876	12.79593	8.610459	427.8063	20893625	2.938571	0.101241	2.354523	3289.699	23.75479
1878	12.90968	8.623299	257.6516	21701476	2.953117	0.101536	2.461868	3287.972	23.77505
1958	13.03362	8.625302	316.9027	22535937	2.968627	0.101894	2.571698	3285.436	23.789
2005	13.15568	8.628839	444.5573	23347885	2.988151	0.102237	2.683904	3282.017	23.80725
2034	13.27386	8.620844	467.8137	24102986	3.014017	0.10266	2.798371	3277.637	23.82632
2025	13.41694	8.626525	296.8744	24786190	3.027944	0.103326	2.914979	3273.105	23.84597
2041	13.52405	8.62234	374.1136	25410451	3.040225	0.103537	3.03361	3269.15	23.87207
2040	13.62189	8.614266	350.4397	26003542	3.050673	0.10367	3.154145	3265.889	23.90376
2050	13.79121	8.636903	323.5718	26607042	3.0581	0.103713	3.276466	3263.461	23.96495
2055	14.0378	8.695671	361.0306	27250535	3.062333	0.103466	3.40046	3262.021	24.05266
2084	14.30523	8.755228	377.5254	27945005	3.080565	0.103166	3.526022	3264.045	24.1524
2101	14.54655	8.808818	412.1518	28679565	3.094343	0.103271	3.653054	3268.965	24.2602
2090	14.78674	8.850988	477.7384	29435944	3.105071	0.103233	3.781469	3276.991	24.37674
2065	15.07688	8.907205	565.0569	30186341	3.114511	0.103025	3.911191	3288.344	24.49942
2067	15.4519	8.987743	679.754	30911914	3.124012	0.103081	4.042159	3303.249	24.61259
2095	15.66003	8.983877	893.8794	31607064	3.155934	0.102483	4.174328	3318.903	24.73874
2121	15.86298	8.991428	1115.695	32282526	3.186043	0.102064	4.30767	3332.759	24.85723
2116	16.08259	9.019294	1291.529	32955496	3.215521	0.101808	4.442175	3344.392	24.9692
2111	16.38532	9.06552	1226.884	33650619	3.245203	0.101445	4.577852	3353.315	25.08205
2094	16.76852	9.134042	1476.478	34385963	3.275915	0.101492	4.714733	3358.982	25.20096
2109	17.29354	9.222342	1666.858	35167314	3.31178	0.101446	4.852865	3360.772	25.33354
1963	17.74646	9.320171	1892.894	35990192	3.346756	0.101495	4.99232	3361.302	25.45967
1997	18.09566	9.392365	1955.661	36849918	3.381875	0.101508	5.133187	3361.716	25.58787
2140	18.39936	9.459874	2176.898	37737913	3.417992	0.101523	5.275574	3361.644	25.71627
2137	18.78333	9.541128	2513.885	38647803	3.455671	0.101496	5.419606	3361.179	25.84169
2138	19.22314	9.617065	2415.038	39578828	3.501887	0.101464	5.565424	3360.565	25.93216

2131	19.60453	9.634811	2898.549	40533330	3.548085	0.101464	5.71318	3360.345	25.93216
1624	NA	NA	361.1815	298188	4.072263	NA	3.984057	NA	NA
1630	NA	NA	379.1687	306328	4.035217	NA	4.067903	NA	NA
1681	NA	NA	400.4413	314528	4.020946	NA	4.152642	NA	NA
1943	NA	NA	416.1029	322997	4.015827	NA	4.238216	NA	NA
1869	NA	NA	464.5969	331793	4.005509	NA	4.324562	NA	NA
1796	NA	NA	557.9935	341133	3.991112	NA	4.411616	NA	NA
1839	NA	NA	629.2213	350751	3.968912	NA	4.499306	NA	NA
1892	NA	NA	670.9143	359733	3.94209	NA	4.587558	NA	NA
1952	NA	NA	707.7863	366848	3.909521	NA	4.676294	NA	NA
1904	NA	NA	740.4255	371273	3.875854	NA	4.765432	NA	NA
1894	NA	NA	807.787	372623	3.909045	NA	4.854888	NA	NA
1913	NA	NA	840.1019	371324	3.926221	NA	4.944575	NA	NA
1911	NA	NA	921.557	368344	3.923506	NA	5.034402	NA	NA
1914	NA	NA	1122.572	365099	3.906886	NA	5.124279	NA	NA
1905	NA	NA	1283.593	362654	3.884695	NA	5.214113	NA	NA
1969	NA	NA	1398.867	361364	4.018109	NA	5.303811	NA	NA
2003	NA	NA	1776.797	361043	4.14549	NA	5.393281	NA	NA
1941	NA	NA	2034.82	361457	4.256108	NA	5.48243	NA	NA
1904	NA	NA	2160.856	362125	4.340766	NA	5.571169	NA	NA
1984	NA	NA	2191.429	362777	4.398294	0.131675	5.65941	3118.711	23.558
2011	NA	NA	2446.845	363325	4.429643	0.130943	5.747071	3119.938	23.60175
2015	NA	NA	2513.515	364032	4.440544	0.130543	5.83407	3121.011	23.64737
2104	NA	NA	2418.56	365300	4.44703	0.130595	5.920334	3121.965	23.7023
2313	NA	NA	2349.997	367660	4.468803	0.131238	6.005795	3122.824	23.76365
2270	NA	NA	2350.122	371470	4.51665	0.13251	6.090392	3123.605	23.84032
2139	NA	NA	2364.229	376867	4.526796	0.13437	6.17407	3124.83	23.90337
2227	NA	NA	2554.385	383654	4.564269	0.136531	6.256787	3126.056	23.96957
2165	NA	NA	2966.343	391391	4.618655	0.138453	6.338506	3127.295	24.04431
2121	NA	NA	1358.225	399492	4.674186	0.137639	6.419201	3128.56	24.11755
2092	24.46003	13.7468	953.1943	407472	4.722778	0.136816	6.498859	3129.862	24.17998
2192	24.90765	13.77803	1079.197	415216	4.80521	0.136101	6.577475	3130.579	24.2263
2154	25.34128	13.87277	957.0374	422763	4.875545	0.135495	6.655057	3130.615	24.26204
2193	26.14223	14.15967	997.0368	430039	4.938389	0.135084	6.731625	3129.911	24.28582
2149	25.93698	13.89315	1385.449	437037	5.007128	0.134719	6.807211	3128.396	24.30351
2183	25.13991	13.37081	1558.605	443724	5.085819	0.134633	6.881857	3125.996	24.32832
2172	25.41593	13.57958	1914.095	450036	5.190474	0.134763	6.955619	3123.201	24.36168
2135	25.29388	13.51668	2031.833	455954	5.28255	0.134623	7.028562	3120.663	24.41074
2164	25.43538	13.56333	2406.729	461560	5.358783	0.13467	7.100765	3118.467	24.46209
2091	26.68487	14.18589	1897.827	467003	5.421378	0.135705	7.172314	3116.711	24.52173
2134	27.53138	14.4675	2006.122	472390	5.475137	0.136926	7.243308	3115.509	24.57509
2105	28.39367	14.82669	1746.304	477740	5.573324	0.138488	7.313852	3116.816	24.62686
2135	29.96933	15.63592	2263.923	483044	5.67381	0.139871	7.384062	3120.321	24.68365
2131	29.59307	15.42275	2609.271	488332	5.770255	0.141254	7.454057	3126.201	24.75033
2152	30.46743	15.86571	3006.488	493630	5.853372	0.142629	7.523966	3134.639	24.834
2191	30.33999	15.59681	3594.354	498946	5.919077	0.144253	7.593918	3145.83	24.92159
2210	30.08873	15.35655	5208.123	504307	5.990399	0.145965	7.664048	3157.643	25.01764
2234	30.0975	15.18055	5761.059	509705	6.046242	0.147636	7.734493	3168.083	25.13047
2219	30.38732	15.15221	6858.149	515148	6.094171	0.150923	7.805389	3176.825	25.25064



2308	30.33014	15.01956	7444.13	520619	6.146529	0.154434	7.876873	3183.5	25.3854
2371	30.49832	14.91996	8303.313	526103	6.20943	0.158035	7.949077	3187.685	25.51382
2291	31.24164	15.13438	8319.672	531589	6.29396	0.161217	8.022132	3188.905	25.65292
2312	31.59881	15.1675	9232.505	537077	6.384001	0.163375	8.096165	3189.162	25.78423
2338	32.16107	15.22685	9491.57	542540	6.477863	0.16456	8.171293	3189.405	25.90603
2350	32.77378	15.29806	9554.562	547928	6.576777	0.163158	8.24763	3189.284	26.01573
2307	33.78381	15.63644	8617.762	553208	6.679766	0.161031	8.325281	3188.876	26.0984
2305	34.1293	15.71238	5645.334	558368	6.803398	0.15839	8.40434	3188.372	26.16976
2308	34.41252	15.72821	5317.39	563402	6.93306	0.15839	8.484894	3188.203	26.16976
1946	NA	NA	NA	NA	NA	NA	2.451012	NA	NA
1905	NA	NA	NA	NA	NA	NA	2.533199	NA	NA
1844	NA	NA	NA	NA	NA	NA	2.617128	NA	NA
1829	NA	NA	NA	NA	NA	NA	2.702748	NA	NA
1865	NA	NA	NA	NA	NA	NA	2.790001	NA	NA
1850	NA	NA	NA	NA	NA	NA	2.878826	NA	NA
1762	NA	NA	NA	NA	NA	NA	2.969155	NA	NA
1974	NA	NA	NA	NA	NA	NA	3.060915	NA	NA
1962	NA	NA	NA	NA	NA	NA	3.154027	NA	NA
2001	NA	NA	NA	NA	NA	NA	3.24841	NA	NA
1975	NA	NA	NA	NA	NA	NA	3.343976	NA	NA
1983	NA	NA	NA	NA	NA	NA	3.440638	NA	NA
2051	NA	NA	NA	NA	NA	NA	3.5383	NA	NA
2055	NA	NA	NA	NA	NA	NA	3.636869	NA	NA
2061	NA	NA	NA	NA	NA	NA	3.736246	NA	NA
2137	NA	NA	NA	NA	NA	NA	3.836334	NA	NA
1951	NA	NA	NA	NA	NA	NA	3.937033	NA	NA
1957	NA	NA	NA	NA	NA	NA	4.038246	NA	NA
2011	NA	NA	NA	NA	NA	NA	4.139874	NA	NA
1967	NA	NA	NA	NA	NA	0.100477	4.24182	3210.811	24.47211
1923	NA	NA	NA	NA	NA	0.09892	4.343992	3204.118	24.54018
1932	NA	NA	NA	NA	NA	0.097359	4.446298	3198.262	24.60161
1903	NA	NA	NA	NA	NA	0.095791	4.548652	3193.057	24.66209
1973	NA	NA	NA	NA	NA	0.094231	4.65097	3188.372	24.72979
1896	NA	NA	NA	NA	NA	0.092713	4.753176	3184.113	24.77874
1933	NA	NA	NA	NA	NA	0.09148	4.855199	3177.428	24.83108
1952	NA	NA	NA	NA	NA	0.090415	4.956973	3170.742	24.88698
1955	NA	NA	NA	NA	NA	0.089533	5.05844	3163.982	24.94844
2010	NA	NA	NA	NA	NA	0.087355	5.159551	3157.08	25.01023
1994	20.00925	14.25034	NA	NA	NA	0.08507	5.260263	3149.976	25.06902
1944	20.54404	14.47909	NA	NA	NA	0.083029	5.360542	3142.741	25.12325
1963	20.98453	14.64045	NA	NA	NA	0.080763	5.460363	3135.583	25.16824
1947	21.37786	14.77303	NA	NA	NA	0.078214	5.55971	3128.509	25.21857
1971	22.11194	15.14313	NA	NA	NA	0.075378	5.658575	3121.534	25.26989
1912	23.45609	15.88287	NA	NA	NA	0.072348	5.756961	3114.679	25.31652
1892	24.3871	16.4495	NA	NA	NA	0.068879	5.854879	3108.739	25.37591
1904	25.31519	17.12022	NA	NA	NA	0.065747	5.952349	3103.682	25.43582
1869	26.44193	17.95385	NA	NA	NA	0.063244	6.049401	3099.58	25.4985
1948	27.71127	18.85328	NA	NA	NA	0.062351	6.146072	3096.514	25.55387
2026	29.44625	19.97684	NA	NA	NA	0.06208	6.242408	3094.567	25.62695

1993	30.33414	20.62114	NA	NA	NA	0.062122	6.338464	3097.134	25.69552
2058	31.19036	21.35258	NA	NA	NA	0.06223	6.434301	3103.776	25.76216
2143	31.12286	21.54058	NA	NA	NA	0.062529	6.529986	3114.783	25.83046
2243	31.10838	21.68559	NA	NA	NA	0.063696	6.625594	3130.466	25.8624
2165	31.24456	21.81476	NA	NA	NA	0.0647	6.721205	3151.155	25.87027
2035	31.08345	21.58065	NA	NA	NA	0.065139	6.816903	3173.316	25.86138
2046	30.98549	21.38533	NA	NA	NA	0.064115	6.912775	3193.372	25.83385
1980	31.39539	21.49135	NA	NA	NA	0.063793	7.008912	3210.759	25.7848
1987	31.88992	21.63044	NA	NA	NA	0.063336	7.105409	3224.839	25.73642
2038	32.00221	21.51564	NA	NA	NA	0.062768	7.202359	3234.885	25.71423
2039	32.05958	21.3335	NA	NA	NA	0.062188	7.299857	3240.077	25.73945
2070	32.41763	21.29354	NA	NA	NA	0.061629	7.397999	3243.726	25.7714
2088	32.73154	21.21118	NA	NA	NA	0.061152	7.496877	3245.74	25.80701
2385	NA	NA	2147.229	7519998	11.93791	NA	9.77507	NA	NA
2368	NA	NA	2315.847	7561588	12.12142	NA	9.84042	NA	NA
2378	NA	NA	2492.545	7604328	12.3087	NA	9.906766	NA	NA
2454	NA	NA	2758.943	7661354	12.49561	NA	9.974119	NA	NA
2405	NA	NA	3007.598	7733853	12.68185	NA	10.04248	NA	NA
2413	NA	NA	3240.611	7807797	12.88987	NA	10.11182	NA	NA
2401	NA	NA	3490.55	7867931	13.09056	NA	10.18213	NA	NA
2385	NA	NA	3683.314	7912273	13.28776	NA	10.25336	NA	NA
2371	NA	NA	3972.003	7968072	13.48927	NA	10.32545	NA	NA
2424	NA	NA	4669.439	8042801	13.70081	NA	10.39834	NA	NA
2443	NA	NA	5060.343	8098334	13.99554	NA	10.47196	NA	NA
2399	NA	NA	5942.149	8122300	14.28775	NA	10.54621	NA	NA
2403	NA	NA	7198.272	8136312	14.57704	NA	10.62101	NA	NA
2439	NA	NA	7975.851	8159955	14.86095	NA	10.69625	NA	NA
2481	NA	NA	9974.657	8192437	15.13812	NA	10.77183	NA	NA
2560	NA	NA	10715.04	8222286	15.4118	NA	10.84764	NA	NA
2551	NA	NA	11287.2	8251540	15.67009	NA	10.92358	NA	NA
2521	NA	NA	12442.58	8275599	15.91083	NA	10.99954	NA	NA
2535	NA	NA	14667.4	8293678	16.12842	NA	11.07541	NA	NA
2556	NA	NA	16856.76	8310531	16.32127	0.243745	11.15109	4108.174	24.78489
2543	NA	NA	15366.67	8320503	16.56095	0.239893	11.22649	4106.639	24.83164
2551	NA	NA	13545.26	8325263	16.75804	0.236689	11.30152	4105.296	24.87384
2535	NA	NA	12430.46	8329033	16.92978	0.233236	11.3761	4104.102	24.92056
2605	NA	NA	12914.33	8336605	17.09781	0.229997	11.45018	4103.027	24.96539
2542	NA	NA	13474.16	8350386	17.27192	0.226654	11.52369	4102.051	25.00502
2560	NA	NA	17727.5	8369829	17.42958	0.222803	11.5966	4100.517	25.04259
2495	NA	NA	21485.29	8397804	17.5791	0.217784	11.66887	4098.984	25.07812
2539	NA	NA	24188.77	8436489	17.70665	0.212613	11.74049	4097.434	25.11541
2563	NA	NA	25300.4	8492964	17.79148	0.206771	11.81145	4095.851	25.15765
2555	78.27018	22.10201	30162.32	8558835	17.82374	0.20115	11.88176	4094.221	25.21361
2518	81.31147	22.31595	31374.12	8617375	17.82384	0.195961	11.95144	4092.302	25.27447
2625	82.55853	21.98509	32338.5	8668067	17.78038	0.191254	12.02053	4090.118	25.33613
2688	83.67963	21.62926	24080.9	8718561	17.70234	0.18644	12.08906	4087.644	25.40122
2616	83.79895	20.9968	25747.24	8780745	17.60639	0.182173	12.15707	4084.856	25.46384
2670	86.4396	21.16811	29914.33	8826939	17.50841	0.178517	12.22463	4081.728	25.52592
2602	88.51869	21.23702	32587.26	8840998	17.46429	0.175165	12.29179	4077.88	25.59088

2667	87.76273	20.51906	29897.79	8846062	17.42712	0.171728	12.35862	4073.505	25.66462
2625	90.78805	20.62548	30143.63	8850974	17.3938	0.168585	12.42518	4068.578	25.74019
2674	92.64647	20.58601	30577.08	8857874	17.35364	0.164372	12.49153	4063.076	25.80758
2653	94.97144	20.72609	29283.01	8872109	17.30368	0.160446	12.55774	4056.975	25.88181
2702	93.99559	20.30757	26969.24	8895960	17.30407	0.1559	12.62386	4054.888	25.94366
2738	93.58591	19.95012	29571.7	8924958	17.26256	0.150567	12.68996	4057.597	25.99651
2735	94.52496	19.67496	36961.43	8958229	17.21863	0.143885	12.75608	4065.586	26.04377
2761	98.22403	20.01272	42442.22	8993531	17.2246	0.136926	12.82226	4079.386	26.09095
2736	96.14954	19.46847	43085.35	9029572	17.30661	0.130131	12.88853	4099.577	26.12848
2714	94.93943	19.05142	46256.47	9080505	17.39596	0.123593	12.95492	4123.272	26.16263
2704	93.97606	18.63556	53324.38	9148092	17.54869	0.118151	13.02144	4145.788	26.18925
2744	96.02147	18.69789	55746.84	9219637	17.74856	0.113366	13.0881	4166.582	26.20941
2742	96.18961	18.48191	46207.06	9298515	17.97412	0.109213	13.15488	4185.018	26.22556
2784	92.18499	17.66334	52076.26	9378126	18.21857	0.106629	13.22178	4200.352	26.25055
2774	94.67886	17.97632	59593.29	9449213	18.4993	0.104468	13.28876	4211.722	26.27136
2790	97.56798	18.33888	57134.08	9519374	18.80661	0.102766	13.35579	4221.972	26.28817
2786	98.50986	18.38631	60283.25	9600379	19.11611	0.101631	13.42282	4227.262	26.30434
2843	96.8062	18.00713	59180.2	9696110	19.38848	0.100837	13.48979	4231.556	26.31832
2876	92.14758	17.26896	50812.19	9799186	19.59775	0.100445	13.55666	4234.65	26.32839
2844	91.46112	17.12662	51844.76	9923085	19.83383	0.10021	13.62333	4236.3	26.3386
2909	90.78076	16.97531	53442.01	10067744	19.9851	0.10021	13.68975	4236.206	26.3386
3062	NA	NA	1971.316	5434294	10.23648	NA	12.27503	NA	NA
2960	NA	NA	2131.392	5573815	10.28752	NA	12.30086	NA	NA
2991	NA	NA	2294.183	5694247	10.33839	NA	12.32299	NA	NA
2973	NA	NA	2501.293	5789228	10.39048	NA	12.34157	NA	NA
2973	NA	NA	2620.476	5856472	10.44711	NA	12.35676	NA	NA
2980	NA	NA	2784.734	5918002	10.60021	NA	12.3687	NA	NA
2849	NA	NA	2960.723	5991785	10.75613	NA	12.37757	NA	NA
2930	NA	NA	3121.889	6067714	10.9149	NA	12.38351	NA	NA
2943	NA	NA	3344.784	6136387	11.07586	NA	12.38672	NA	NA
3009	NA	NA	NA	6180877	11.23918	NA	12.38736	NA	NA
2967	NA	NA	NA	6213399	11.47912	NA	12.3856	NA	NA
2983	NA	NA	NA	6260956	11.71233	NA	12.38164	NA	NA
3069	NA	NA	NA	6307347	11.93994	NA	12.37566	NA	NA
2925	NA	NA	NA	6341405	12.16462	NA	12.36785	NA	NA
2891	NA	NA	NA	6338632	12.38836	NA	12.3584	NA	NA
2921	NA	NA	NA	6302504	12.71839	NA	12.3475	NA	NA
3009	NA	NA	NA	6281174	13.04106	NA	12.33536	NA	NA
3047	NA	NA	NA	6281738	13.34508	NA	12.32217	NA	NA
2978	NA	NA	NA	6294365	13.60791	NA	12.30813	NA	NA
3091	NA	NA	18832.2	6319408	13.81496	0.248929	12.29346	4239.217	24.43624
3078	NA	NA	17153.4	6354074	13.90405	0.249619	12.27835	4236.79	24.44384
3071	NA	NA	17478.66	6391309	13.92903	0.251222	12.26303	4234.666	24.4497
2983	NA	NA	17341.99	6418773	13.92159	0.25376	12.24771	4232.779	24.45557
2976	NA	NA	16499.15	6441865	13.92914	0.255694	12.23259	4231.08	24.45945
2980	NA	NA	16655.34	6470365	13.97986	0.25761	12.21791	4229.536	24.46112
2990	NA	NA	23751.45	6504124	14.07422	0.259746	12.20386	4227.111	24.45949
3024	NA	NA	29558.9	6545106	14.20505	0.262636	12.19067	4224.687	24.45491
3008	NA	NA	31743.65	6593386	14.34989	0.265814	12.17855	4222.235	24.44927

3010	NA	NA	30401.89	6646912	14.47516	0.268392	12.16771	4219.732	24.45133
3009	86.83035	28.55211	38428.39	6715519	14.56318	0.270652	12.15836	4217.156	24.4546
2993	87.46569	27.96097	38399.21	6799978	14.63897	0.272516	12.15069	4214.299	24.46152
3007	87.41762	26.98859	39534.54	6875364	14.67452	0.274282	12.1449	4211.214	24.47683
2915	89.07929	26.46395	38100.74	6938265	14.68036	0.276858	12.14117	4207.882	24.50623
2927	91.27834	26.11977	41843.76	6993795	14.6766	0.279553	12.13967	4204.281	24.52315
2902	91.7894	25.72696	48662.44	7040687	14.67726	0.283224	12.14056	4200.393	24.5473
2859	88.29461	24.11269	46676.85	7071850	14.80155	0.287551	12.14398	4195.699	24.57468
2858	90.15911	23.85243	40417.96	7088906	14.93142	0.290859	12.15007	4190.339	24.6135
2908	89.71587	22.79341	41497.2	7110001	15.06274	0.29147	12.15891	4184.274	24.64911
2879	89.25007	22.01111	40581.31	7143991	15.1859	0.283605	12.17062	4177.461	24.68876
2959	92.514	22.16792	37868.32	7184250	15.29746	0.269533	12.18526	4169.858	24.73034
2904	92.13224	21.40742	38538.99	7229854	15.40055	0.253714	12.20287	4165.832	24.77111
2941	94.62942	21.44981	41376.39	7284753	15.4892	0.239637	12.2235	4166.281	24.80787
2921	94.6751	21.04254	48087.58	7339001	15.57675	0.226677	12.24714	4171.672	24.84336
2879	90.82015	19.80909	53340.15	7389625	15.6816	0.216502	12.27379	4182.52	24.8857
2862	89.79885	19.26788	54952.67	7437115	15.81417	0.209245	12.3034	4199.387	24.93052
2901	91.6403	19.48739	57579.5	7483934	15.9817	0.204025	12.33594	4219.747	24.98334
2888	90.32809	19.19307	63555.24	7551117	16.17336	0.200092	12.37132	4239.177	25.04111
2903	87.93967	18.71705	72487.85	7647675	16.39058	0.197917	12.40946	4257.187	25.0857
2935	88.03027	18.73856	69927.47	7743831	16.63424	0.196264	12.45026	4273.199	25.12241
2919	89.19798	18.88878	74605.72	7824909	16.90426	0.195105	12.4936	4286.533	25.16021
2968	85.57299	18.09997	88415.63	7912398	17.10903	0.194067	12.53935	4296.401	25.19376
2840	85.65258	18.14677	83538.23	7996861	17.33617	0.193488	12.58737	4305.314	25.22011
2850	81.89124	17.39926	85112.46	8089346	17.57524	0.192789	12.63752	4309.919	25.2354
2952	77.63225	16.57111	86605.56	8188649	17.80135	0.192392	12.68964	4313.66	25.24879
2932	75.08903	16.20223	82016.02	8282396	17.99658	0.191904	12.74359	4316.357	25.26884
2918	74.06654	15.98208	79866.03	8373338	18.23105	0.191352	12.7992	4317.796	25.28541
2994	73.77513	15.93667	80189.7	8466017	18.43594	0.191352	12.85633	4317.715	25.28541
1941	15.3244	8.663012	346.948	5502976	3.865036	0.073895	8.911315	8347.288	23.52686
1960	15.24647	8.558875	291.4226	5594114	3.89084	0.069145	9.019042	8347.547	23.55242
1915	15.56724	8.731317	267.9689	5679832	3.893143	0.0645	9.122673	8347.425	23.56642
1843	15.39196	8.673496	213.639	5764712	3.859967	0.060044	9.222219	8346.885	23.56919
1793	15.2914	8.636473	178.4744	5849540	3.864629	0.055897	9.317723	8342.168	23.56138
1769	15.01029	8.442548	155.3562	5934282	3.820378	0.052145	9.40925	8333.221	23.54518
1809	14.92189	8.35258	219.2263	6021691	3.74546	0.048858	9.496893	8319.689	23.52812
1811	14.9455	8.323168	177.6984	6114886	3.667346	0.045567	9.580771	8301.188	23.52547
1815	15.06968	8.394516	138.4319	6216205	3.600412	0.042831	9.661024	8277.298	23.52255
1847	15.37621	8.526408	170.8085	6327125	3.668459	0.040576	9.737814	8253.918	23.52374
1813	15.44179	8.424753	189.3946	6447688	3.755517	0.038751	9.811323	8235.19	23.54739
1822	15.7796	8.445901	236.4902	6576877	3.835118	0.037399	9.881751	8221.921	23.59049
1846	15.78611	8.309336	309.2802	6712841	3.872191	0.036293	9.949314	8215.024	23.64322
1912	16.14495	8.376951	337.3604	6854176	3.853082	0.035421	10.01424	8215.532	23.70912
1899	16.54987	8.523541	404.2894	7000557	3.813225	0.034643	10.07678	8222.567	23.78855
1912	16.8393	8.59167	520.0372	7152385	3.730504	0.034	10.13717	8230.33	23.86756
1915	17.03098	8.629696	706.0876	7309728	3.625922	0.033487	10.19568	8238.463	23.90861
1921	17.49471	8.839793	666.3459	7472819	3.525296	0.033096	10.25256	8246.505	23.94909
1931	17.99322	9.009705	738.3475	7641630	3.442184	0.03281	10.30809	8253.866	24.0059
1873	18.54071	9.202819	834.5413	7815949	3.381189	0.032568	10.36252	8259.813	24.06441

1981	18.96028	9.34239	954.7205	7995062	3.334908	0.032381	10.41613	8265.661	24.1322
2021	19.33182	9.456394	1040.137	8177809	3.307169	0.032272	10.46917	8268.667	24.19533
1931	19.93296	9.651306	1104.459	8362745	3.301906	0.032356	10.5219	8271.269	24.26207
1940	20.43554	9.797849	918.8119	8548651	3.321881	0.03256	10.57456	8273.279	24.32409
1956	21.32927	10.14778	795.9607	8734951	3.383694	0.032798	10.62739	8274.453	24.38522
1945	21.31134	10.08679	801.0509	8921343	3.466193	0.032798	10.68063	8274.471	24.38522
1902	NA	NA	107.4979	28224204	3.335832	NA	2.278095	NA	NA
2025	NA	NA	113.7825	29081034	3.361837	NA	2.352461	NA	NA
2128	NA	NA	118.1432	29967041	3.389647	NA	2.428492	NA	NA
2125	NA	NA	125.9379	30881332	3.414153	NA	2.506198	NA	NA
1991	NA	NA	137.918	31822796	3.433011	NA	2.585589	NA	NA
2217	NA	NA	161.0057	32789096	3.454563	NA	2.666681	NA	NA
2042	NA	NA	166.9245	33778504	3.468641	NA	2.749488	NA	NA
2118	NA	NA	174.7871	34790945	3.478431	NA	2.83403	NA	NA
2109	NA	NA	186.8807	35826804	3.488293	NA	2.920326	NA	NA
2109	NA	NA	192.1257	36884913	3.500662	NA	3.008399	NA	NA
2094	NA	NA	194.2583	37964925	3.515332	NA	3.098273	NA	NA
2090	NA	NA	209.3566	39061994	3.532193	NA	3.189974	NA	NA
2167	NA	NA	269.8518	40164966	3.549705	NA	3.283529	NA	NA
2154	NA	NA	332.1172	41259536	3.565106	NA	3.378965	NA	NA
2158	NA	NA	351.5475	42334954	3.577621	NA	3.47631	NA	NA
2103	NA	NA	391.483	43386841	3.617684	NA	3.57559	NA	NA
2047	NA	NA	445.3195	44416010	3.652777	NA	3.67683	NA	NA
2234	NA	NA	528.5063	45423436	3.684633	NA	3.780054	NA	NA
2052	NA	NA	589.7509	46412307	3.715338	NA	3.885283	NA	NA
2057	NA	NA	682.7735	47385323	3.74642	0.27861	3.992533	5622.488	21.72141
2077	NA	NA	720.8918	48337503	3.790612	0.276805	4.101817	5623.43	21.7471
1909	NA	NA	742.6753	49267560	3.833792	0.275255	4.213144	5624.255	21.76557
2028	NA	NA	797.8852	50186199	3.878534	0.273912	4.326518	5624.988	21.77779
1958	NA	NA	817.8275	51108082	3.927281	0.272737	4.441935	5625.648	21.78891
1934	NA	NA	747.4941	52041469	3.982539	0.271585	4.559389	5626.249	21.79845
1960	NA	NA	813.2004	52996467	4.060074	0.27032	4.678864	5627.19	21.81104
1909	NA	NA	936.4587	53964406	4.146498	0.268999	4.800342	5628.132	21.82907
1924	NA	NA	1123.012	54912334	4.247222	0.267609	4.923795	5629.084	21.87398
1890	NA	NA	1294.932	55795106	4.369324	0.264936	5.049192	5630.057	21.93353
1996	19.22769	10.16257	1508.286	56582821	4.517834	0.262368	5.176495	5631.058	22.00745
2080	19.96346	10.37791	1715.638	57258401	4.685195	0.259992	5.305663	5630.766	22.09734
2061	20.46967	10.51907	1926.988	57837878	4.867768	0.254739	5.436649	5629.033	22.21092
2042	20.90674	10.61856	2208.345	58364891	5.062191	0.249554	5.569402	5625.728	22.34359
2130	21.42583	10.6177	2490.312	58901666	5.263958	0.246384	5.703869	5620.706	22.49624
2152	22.10344	10.64482	2845.41	59491790	5.471269	0.24364	5.839994	5613.811	22.66119
2284	23.35985	10.88448	3042.904	60151472	5.673256	0.241095	5.97772	5606.199	22.80359
2262	23.13735	10.51253	2467.493	60863506	5.877415	0.23765	6.116989	5599.251	22.92547
2306	23.63678	10.42141	1845.466	61597283	6.087059	0.233723	6.257741	5593.158	23.03671
2276	25.88895	11.09568	2032.992	62306651	6.306454	0.228109	6.399918	5588.143	23.12324
2327	27.9041	11.64365	2007.565	62958021	6.537856	0.221083	6.543464	5584.457	23.20403
2287	29.1412	11.81134	1893.145	63543322	6.779428	0.212731	6.688321	5585.062	23.25681
2329	31.41521	12.3513	2096.055	64073164	7.030246	0.201439	6.834434	5589.084	23.31726
2333	32.21029	12.3659	2358.931	64554952	7.283142	0.19037	6.981752	5596.773	23.37844

2325	33.04169	12.41725	2659.839	65002231	7.528046	0.181184	7.130221	5608.384	23.42811
2414	33.46068	12.35	2893.651	65425470	7.761658	0.173976	7.279792	5624.177	23.4677
2442	33.82765	12.3487	3368.953	65824164	7.983207	0.169524	7.430416	5641.637	23.52115
2408	34.35742	12.34241	3972.206	66195615	8.197833	0.167773	7.582045	5657.856	23.59202
2400	34.46035	12.18652	4378.687	66545760	8.416347	0.170346	7.73463	5672.41	23.70923
2371	34.08358	11.86941	4212.055	66881867	8.650086	0.17335	7.888124	5684.815	23.82576
2387	34.09961	11.68015	5075.302	67208808	8.90504	0.174764	8.042477	5694.52	23.96161
2380	33.75157	11.35515	5491.16	67530130	9.189128	0.175097	8.197638	5700.898	24.11535
2417	33.44226	10.98868	5859.888	67843979	9.492156	0.174894	8.353553	5706.269	24.25289
2417	33.00656	10.59815	6168.395	68143065	9.819068	0.174331	8.510167	5709.088	24.38728
2417	33.27964	10.4455	5953.794	68416772	10.1754	0.173509	8.667417	5711.234	24.48761
2442	33.40293	10.3096	5846.395	68657600	10.56474	0.172496	8.82524	5712.637	24.55166
2443	34.49647	10.48026	5979.294	68863514	10.9537	0.171446	8.983564	5713.26	24.63305
2407	34.89831	10.46344	6595.004	69037513	11.37292	0.171446	9.142312	5713.137	24.63305
2161	NA	NA	NA	NA	NA	NA	NA	NA	NA
2108	NA	NA	NA	NA	NA	NA	NA	NA	NA
2388	NA	NA	NA	NA	NA	NA	NA	NA	NA
2258	NA	NA	NA	NA	NA	NA	NA	NA	NA
2243	NA	NA	NA	NA	NA	NA	NA	NA	NA
2422	NA	NA	NA	NA	NA	NA	NA	NA	NA
2514	NA	NA	NA	NA	NA	NA	NA	NA	NA
2446	NA	NA	NA	NA	NA	NA	NA	NA	NA
2408	NA	NA	NA	NA	NA	NA	NA	NA	NA
2301	NA	NA	NA	NA	NA	NA	NA	NA	NA
2380	NA	NA	NA	NA	NA	NA	NA	NA	NA
2387	NA	NA	NA	NA	NA	NA	NA	NA	NA
2517	NA	NA	NA	NA	NA	NA	NA	NA	NA
2458	NA	NA	NA	NA	NA	NA	NA	NA	NA
2490	NA	NA	NA	NA	NA	NA	NA	NA	NA
2675	NA	NA	NA	NA	NA	NA	NA	NA	NA
2574	NA	NA	NA	NA	NA	NA	NA	NA	NA
2658	NA	NA	NA	NA	NA	NA	NA	NA	NA
2580	NA	NA	NA	NA	NA	NA	NA	NA	NA
2567	NA	NA	NA	NA	NA	NA	NA	NA	NA
2566	NA	NA	NA	NA	NA	NA	NA	NA	NA
2593	NA	NA	NA	NA	NA	NA	NA	NA	NA
1734	NA	NA	NA	508845	2.536529	NA	0.981942	NA	NA
1744	NA	NA	NA	518107	2.518399	NA	1.022934	NA	NA
1684	NA	NA	NA	527749	2.503842	NA	1.065816	NA	NA
1653	NA	NA	NA	537786	2.48835	NA	1.110675	NA	NA
1686	NA	NA	NA	548218	2.470368	NA	1.157602	NA	NA
1729	NA	NA	NA	558676	2.517201	NA	1.206687	NA	NA
1687	NA	NA	NA	569031	2.562954	NA	1.258024	NA	NA
1709	NA	NA	NA	579807	2.598623	NA	1.311705	NA	NA
1749	NA	NA	NA	591739	2.611117	NA	1.367824	NA	NA
1671	NA	NA	NA	605125	2.598141	NA	1.426473	NA	NA
1661	NA	NA	NA	620945	2.631151	NA	1.487744	NA	NA
1643	NA	NA	NA	638499	2.643857	NA	1.551724	NA	NA
1675	NA	NA	NA	654437	2.643952	NA	1.618499	NA	NA

1681	NA	NA	NA	664223	2.641131	NA	1.688149	NA	NA
1713	NA	NA	NA	664984	2.643673	NA	1.760748	NA	NA
1770	NA	NA	NA	654947	2.621892	NA	1.836364	NA	NA
1892	NA	NA	NA	636096	2.56062	NA	1.915057	NA	NA
1997	NA	NA	NA	613857	2.441774	NA	1.996876	NA	NA
2094	NA	NA	NA	595872	2.239407	NA	2.081861	NA	NA
2059	NA	NA	NA	587563	1.930516	0.339963	2.17004	5606.748	20.76425
2108	NA	NA	NA	591005	1.931794	0.339154	2.261429	5609.907	20.77685
2121	NA	NA	NA	604430	1.910891	0.338133	2.356029	5612.671	20.79029
2098	NA	NA	NA	624648	1.877057	0.33721	2.45383	5615.128	20.8027
2136	NA	NA	NA	646688	1.839991	0.336222	2.554806	5617.339	20.81539
2086	NA	NA	NA	666945	1.807345	0.335119	2.658918	5619.349	20.82735
2072	NA	NA	NA	684184	1.780077	0.333775	2.766112	5622.505	20.83856
2050	NA	NA	NA	699522	1.76206	0.332347	2.876321	5625.661	20.85013
2054	NA	NA	NA	714474	1.747719	0.33084	2.989465	5628.852	20.86042
2046	NA	NA	NA	731444	1.73096	0.329341	3.105452	5632.109	20.86942
1789	14.13044	10.13907	NA	751933	1.708131	0.328012	3.224181	5635.462	20.875
1905	14.06819	10.07023	NA	777011	1.77771	0.326912	3.345539	5637.367	20.88054
1962	14.03046	10.01017	NA	805435	1.839875	0.325531	3.469407	5637.588	20.8855
2005	14.04079	9.970374	NA	833611	1.893209	0.324231	3.595661	5635.973	20.89092
1970	14.12677	9.972719	NA	856684	1.942373	0.322952	3.724168	5632.35	20.89837
2003	14.26722	10.01124	NA	871447	1.986696	0.321857	3.854797	5626.532	20.90372
1856	14.30235	9.973934	NA	875916	2.058302	0.321029	3.987413	5619.638	20.91197
1891	14.26371	9.884161	NA	871994	2.116414	0.320193	4.12188	5613.274	20.92031
1766	14.23531	9.792144	NA	865194	2.164486	0.319347	4.258067	5607.64	20.92788
1798	14.10455	9.658662	NA	863269	2.204411	0.315211	4.39584	5602.97	20.92782
1833	14.04692	9.559753	504.3557	871607	2.236673	0.311439	4.535072	5599.533	20.93102
1883	14.06375	9.454285	580.0359	892531	2.292133	0.308099	4.675638	5600.681	20.9308
2013	14.13944	9.409468	552.8103	923825	2.35878	0.305223	4.817417	5605.601	20.93005
2006	14.58862	9.590049	565.5398	960852	2.430031	0.302869	4.960293	5614.587	20.92354
1979	15.18376	9.795697	1081.973	996698	2.496243	0.300932	5.104152	5627.942	20.92359
1984	15.83504	9.982506	1767.003	1026484	2.55552	0.299272	5.248886	5645.976	20.92533
1970	16.54765	10.16487	2534.662	1048621	2.667027	0.297885	5.394388	5665.821	20.93507
1970	17.22542	10.36724	2705.233	1064973	2.763732	0.296346	5.540555	5684.185	20.94609
1986	17.94188	10.59018	4073.239	1078110	2.856202	0.294724	5.687286	5700.59	20.96388
1955	18.57514	10.76211	2929.98	1092021	2.959192	0.292948	5.83448	5714.49	20.98904
1997	19.09092	10.86365	3603.941	1109591	3.07735	0.288692	5.982038	5725.258	21.03318
2016	19.89509	11.05386	5021.462	1131523	3.153184	0.284014	6.129861	5732.184	21.08899
2062	20.58157	11.2122	5766.97	1156760	3.23922	0.279361	6.277847	5737.937	21.1528
2043	21.28747	11.42905	4770.316	1184366	3.325999	0.27462	6.425896	5740.967	21.22175
2045	21.82514	11.64215	3335.549	1212814	3.399862	0.270131	6.573904	5743.242	21.2874
2087	22.23451	11.74858	2501.577	1240977	3.456551	0.268123	6.721768	5744.696	21.32956
2073	22.59178	11.84358	1987.119	1268671	3.513362	0.266442	6.86938	5745.309	21.35196
2051	22.79955	11.88948	2279.253	1296311	3.555705	0.266442	7.016633	5745.16	21.35196
2021	NA	NA	79.12013	1597526	3.189619	NA	0.569889	NA	NA
2155	NA	NA	81.99475	1612755	3.154664	NA	0.600695	NA	NA
2111	NA	NA	87.79198	1631764	3.106515	NA	0.63307	NA	NA
2187	NA	NA	99.93789	1662073	3.042887	NA	0.667069	NA	NA
2253	NA	NA	109.6202	1708630	2.962198	NA	0.702747	NA	NA

2183	NA	NA	121.8336	1774029	2.939354	NA	0.740157	NA	NA
2256	NA	NA	124.8794	1855442	2.914993	NA	0.77935	NA	NA
2128	NA	NA	124.3496	1945780	2.890563	NA	0.820375	NA	NA
2021	NA	NA	131.5699	2034907	2.869713	NA	0.863276	NA	NA
2052	NA	NA	120.0539	2115522	2.856742	NA	0.908097	NA	NA
2167	NA	NA	131.0987	2185662	2.867827	NA	0.954878	NA	NA
2137	NA	NA	149.3506	2247582	2.871486	NA	1.003654	NA	NA
2023	NA	NA	176.4737	2303345	2.870087	NA	1.054457	NA	NA
1914	NA	NA	237.814	2356622	2.865754	NA	1.107317	NA	NA
1878	NA	NA	256.1027	2410446	2.859222	NA	1.162259	NA	NA
1805	NA	NA	251.3234	2464455	2.885506	NA	1.219304	NA	NA
1730	NA	NA	308.6816	2518566	2.905939	NA	1.27847	NA	NA
1850	NA	NA	319.92	2576469	2.919538	NA	1.339772	NA	NA
1964	NA	NA	337.4301	2642846	2.924045	NA	1.40322	NA	NA
1982	NA	NA	417.6685	2720839	2.918218	0.064194	1.468823	5679.192	21.35092
1973	NA	NA	342.2239	2812039	2.932178	0.064062	1.536585	5683.341	21.35181
1863	NA	NA	281.8639	2915066	2.941923	0.063875	1.606509	5686.971	21.35547
1792	NA	NA	253.0358	3026238	2.947587	0.063653	1.678595	5690.198	21.3572
1798	NA	NA	228.6926	3140237	2.951051	0.063417	1.752839	5693.102	21.36009
1937	NA	NA	234.3563	3252994	2.953679	0.063175	1.829237	5695.742	21.36355
1745	NA	NA	315.3702	3364020	2.963122	0.062919	1.907781	5699.887	21.36736
1707	NA	NA	359.5482	3474080	2.967462	0.062674	1.988462	5704.031	21.37008
1876	NA	NA	384.9456	3581928	2.968708	0.062436	2.071269	5708.222	21.38175
1903	NA	NA	367.0138	3686373	2.968745	0.062232	2.156188	5712.501	21.39996
2045	18.44866	13.81998	430.0114	3786940	2.969125	0.061996	2.243204	5716.905	21.42161
1886	18.83167	14.06079	412.7223	3882271	2.977716	0.061517	2.3323	5719.551	21.45041
1855	19.09962	14.25207	426.081	3973327	2.983344	0.061011	2.423457	5720.142	21.48183
1938	19.38862	14.47981	303.4488	4064926	2.986057	0.060511	2.516654	5718.492	21.51319
2024	19.75618	14.74827	236.0012	4163642	2.984791	0.060029	2.61187	5714.393	21.55008
2016	20.01695	14.9165	306.3583	4274024	2.97916	0.059529	2.709081	5707.614	21.59042
2066	20.22095	15.02662	333.1899	4398238	2.961345	0.059085	2.808262	5699.261	21.63614
2120	20.55078	15.20448	330.5621	4534551	2.936366	0.058723	2.909389	5691.27	21.68519
2083	20.68061	15.24692	339.2473	4679023	2.906846	0.058434	3.012437	5683.859	21.73208
2106	20.56348	15.11213	326.6041	4825704	2.875125	0.057916	3.117382	5677.287	21.79469
2138	20.57519	15.06235	299.4116	4970367	2.842848	0.057482	3.2242	5671.851	21.86464
2123	20.63186	15.01543	289.7513	5111770	2.834713	0.057149	3.332872	5670.746	21.93958
2107	20.71837	14.95185	323.4672	5251472	2.819609	0.056896	3.443381	5673.149	22.02195
2144	20.83308	14.88123	391.5667	5391401	2.799569	0.056544	3.555712	5679.344	22.10827
2188	20.70332	14.65333	407.6072	5534598	2.776408	0.056194	3.669859	5689.624	22.19376
2183	20.72202	14.56281	401.279	5683268	2.751287	0.055838	3.785817	5704.284	22.27922
2221	20.67562	14.48598	402.4631	5837792	2.751503	0.055492	3.903591	5720.897	22.36749
2215	20.79523	14.53823	443.3758	5997385	2.747381	0.055152	4.023191	5736.4	22.45339
2224	20.94832	14.6196	537.2261	6161796	2.739299	0.054827	4.144633	5750.372	22.53793
2251	21.09962	14.68572	531.6684	6330472	2.727869	0.05449	4.267943	5762.33	22.6203
2262	21.3523	14.79412	526.8411	6502952	2.713998	0.054056	4.39315	5771.719	22.69984
2268	21.76804	14.97058	579.0131	6679282	2.734725	0.053353	4.520291	5777.907	22.76624
2296	22.29529	15.21732	564.6971	6859482	2.751666	0.052775	4.64941	5783.147	22.82864
2333	22.65423	15.37529	613.4402	7042948	2.765845	0.052349	4.780553	5785.898	22.88601
2308	23.05172	15.54828	632.0313	7228915	2.778066	0.052272	4.91377	5788.002	22.94517



2334	23.4487	15.6998	563.4754	7416802	2.789261	0.052293	5.049114	5789.387	23.00905
2240	23.97406	15.90423	586.0523	7606374	2.815928	0.052368	5.186637	5790.009	23.06423
2305	24.4462	16.04831	610.1517	7797694	2.838506	0.052368	5.326391	5789.892	23.06423
1923	NA	NA	675.9744	865360	3.505362	NA	4.68754	NA	NA
1982	NA	NA	703.7534	880023	3.475705	NA	4.770069	NA	NA
1975	NA	NA	759.8688	892569	3.441527	NA	4.853095	NA	NA
2007	NA	NA	788.1247	903275	3.409925	NA	4.93662	NA	NA
2019	NA	NA	807.2722	912417	3.384746	NA	5.02064	NA	NA
2004	NA	NA	786.7521	919903	3.531242	NA	5.105155	NA	NA
1969	NA	NA	822.955	925909	3.69734	NA	5.190158	NA	NA
1879	NA	NA	814.7354	931468	3.875818	NA	5.275641	NA	NA
2053	NA	NA	830.8383	937848	4.05119	NA	5.361592	NA	NA
2049	NA	NA	868.7696	945993	4.213668	NA	5.447994	NA	NA
2099	NA	NA	937.6685	956366	4.364752	NA	5.534824	NA	NA
2104	NA	NA	1118.339	968741	4.487371	NA	5.622052	NA	NA
2113	NA	NA	1331.987	982592	4.596923	NA	5.709641	NA	NA
2218	NA	NA	2048.068	997053	4.714494	NA	5.797546	NA	NA
2171	NA	NA	2414.92	1011490	4.847799	NA	5.885712	NA	NA
2264	NA	NA	2437.86	1025658	4.97427	NA	5.974074	NA	NA
2259	NA	NA	3018.642	1039761	5.114829	NA	6.062559	NA	NA
2384	NA	NA	3379.451	1054116	5.257865	NA	6.151081	NA	NA
2324	NA	NA	4304.534	1069202	5.38149	NA	6.239543	NA	NA
2454	NA	NA	5745.681	1085308	5.473838	0.147396	6.327839	2565.08	24.6925
2446	NA	NA	6341.704	1102556	5.53142	0.147108	6.415848	2566.666	24.80335
2500	NA	NA	7264.266	1120611	5.554827	0.146386	6.503443	2568.054	24.91864
2507	NA	NA	6818.226	1138676	5.555926	0.14523	6.590483	2569.287	25.03882
2506	NA	NA	6712.051	1155695	5.555705	0.143625	6.676822	2570.397	25.15145
2402	NA	NA	6299.207	1170928	5.565244	0.141609	6.762302	2571.407	25.27359
2500	NA	NA	4049.187	1184051	5.594776	0.13925	6.846764	2572.991	25.35971
2394	NA	NA	4014.047	1195247	5.638583	0.136649	6.93004	2574.575	25.44302
2233	NA	NA	3732.159	1204893	5.688804	0.133871	7.011965	2576.177	25.50955
2185	NA	NA	3562.107	1213624	5.732995	0.130959	7.092373	2577.813	25.5417
2114	49.2688	23.66107	4147.639	1221900	5.765202	0.128294	7.171103	2579.496	25.54664
2175	48.71677	23.12108	4315.697	1229907	5.847027	0.125824	7.248002	2580.392	25.53483
2118	48.28344	22.89227	4395.645	1237487	5.913436	0.123673	7.322928	2580.377	25.51161
2074	52.90772	24.8364	3752.38	1244407	5.970233	0.121868	7.395754	2579.367	25.48158
2042	55.58404	25.83593	3956.758	1250318	6.024227	0.120331	7.466373	2577.271	25.46679
2046	56.49827	26.02357	4246.382	1255001	6.07888	0.119025	7.534697	2573.987	25.45835
2058	54.96905	25.28955	4577.005	1258364	6.171505	0.117886	7.600668	2570.07	25.47958
1998	52.82249	24.19682	4551.322	1260678	6.259013	0.116824	7.664252	2566.382	25.54253
2097	54.81247	24.75355	4786.925	1262542	6.346086	0.115862	7.725448	2563.027	25.63541
2118	53.48053	24.04125	5383.552	1264775	6.436165	0.116239	7.784288	2560.126	25.75083
2167	52.31959	23.27972	6430.947	1267984	6.534073	0.116733	7.84084	2557.819	25.87901
2212	51.37007	22.53006	6935.721	1272380	6.657209	0.117401	7.895203	2558.079	25.99456
2243	50.69123	21.9606	7049.627	1277837	6.786312	0.119806	7.947516	2560.529	26.0978
2198	53.72327	22.76635	8804.519	1284052	6.92324	0.122719	7.997948	2565.349	26.21245
2185	57.02059	23.5485	10290.52	1290535	7.072183	0.125945	8.046704	2572.722	26.33241
2170	54.76932	22.41075	12323.13	1296934	7.235989	0.1294	8.094018	2582.841	26.45418
2209	55.0645	22.27699	14096.19	1303144	7.425887	0.132938	8.140151	2594.053	26.59382

2257	57.39757	22.82601	16529.66	1309260	7.628584	0.13632	8.185388	2604.411	26.70138
2242	59.52786	23.36998	21189.13	1315372	7.842344	0.139397	8.230036	2613.639	26.77783
2255	58.99061	22.96357	14506.59	1321618	8.063071	0.142156	8.274416	2621.42	26.84278
2302	57.02886	22.173	16683.42	1328100	8.291544	0.144456	8.318859	2627.39	26.91317
2368	55.82672	21.43893	19004.16	1334788	8.504871	0.146156	8.363703	2631.133	26.96408
2445	54.9909	20.89098	19083.21	1341588	8.717505	0.145428	8.409288	2634.198	27.02859
2506	56.01539	21.22918	19713.38	1348248	8.934632	0.144379	8.45595	2635.819	27.09053
2548	56.12402	21.10932	20081.52	1354493	9.164241	0.143111	8.504017	2637.019	27.15188
2544	56.03339	20.95895	17941.24	1360092	9.41179	0.141767	8.553805	2637.765	27.20446
2544	56.31329	21.11808	16334.22	1364962	9.70767	0.140409	8.605615	2638.059	27.25877
2531	56.01087	21.00804	16126.37	1369125	10.01428	0.140409	8.659727	2637.97	27.25877
2012	NA	NA	NA	4235937	3.719484	NA	0.689864	NA	NA
2061	NA	NA	NA	4303131	3.692195	NA	0.732242	NA	NA
2112	NA	NA	NA	4377637	3.651925	NA	0.777388	NA	NA
2093	NA	NA	NA	4458611	3.599664	NA	0.825461	NA	NA
2221	NA	NA	218.036	4545339	3.534104	NA	0.876621	NA	NA
2147	NA	NA	224.4266	4638275	3.528359	NA	0.931029	NA	NA
2207	NA	NA	229.1684	4737627	3.518639	NA	0.988848	NA	NA
2204	NA	NA	250.8519	4842167	3.507107	NA	1.050236	NA	NA
2134	NA	NA	260.5788	4950153	3.494781	NA	1.115351	NA	NA
2161	NA	NA	284.4121	5060397	3.482	NA	1.184346	NA	NA
2257	NA	NA	325.7912	5172691	3.532649	NA	1.257366	NA	NA
2385	NA	NA	423.1599	5287543	3.574515	NA	1.33455	NA	NA
2413	NA	NA	505.2004	5405355	3.607312	NA	1.416028	NA	NA
2448	NA	NA	641.5931	5526764	3.634912	NA	1.501917	NA	NA
2456	NA	NA	765.7902	5652476	3.66289	NA	1.592323	NA	NA
2379	NA	NA	779.6763	5781796	3.721525	NA	1.687337	NA	NA
2471	NA	NA	863.7902	5915006	3.780334	NA	1.787034	NA	NA
2556	NA	NA	985.6535	6054911	3.83601	NA	1.891471	NA	NA
2570	NA	NA	1158.412	6205212	3.880931	NA	2.000687	NA	NA
2694	NA	NA	1373.101	6368167	3.911267	0.255961	2.114701	4591.884	23.91258
2601	NA	NA	1287.774	6545024	4.005119	0.255627	2.23351	4590.011	23.98538
2596	NA	NA	1207.818	6733961	4.101048	0.254887	2.357088	4588.372	24.06365
2729	NA	NA	1204.864	6930387	4.202204	0.253796	2.485388	4586.915	24.15043
2797	NA	NA	1158.103	7127941	4.317053	0.252463	2.618336	4585.604	24.24197
2817	NA	NA	1148.638	7321876	4.453422	0.250871	2.755836	4584.412	24.33242
2877	NA	NA	1200.856	7509756	4.503315	0.249199	2.897766	4582.541	24.42317
2858	NA	NA	1260.524	7692254	4.570806	0.247177	3.043982	4580.669	24.51162
2885	NA	NA	1282.646	7871459	4.659124	0.244902	3.194315	4578.777	24.59881
2889	NA	NA	1254.771	8050932	4.762939	0.241137	3.348574	4576.846	24.68707
2887	22.38083	11.37261	1492.879	8232797	4.874188	0.237126	3.506548	4574.857	24.7693
2841	23.74935	11.73614	1553.252	8417684	4.987037	0.232912	3.668007	4572.389	24.85077
2845	25.21741	12.19017	1801.335	8603225	5.099483	0.228412	3.832706	4569.461	24.91647
2882	26.39396	12.49775	1662.963	8784888	5.221842	0.22381	4.000386	4566.028	24.97949
2837	27.48527	12.7271	1745.358	8956596	5.371996	0.219351	4.17078	4562.049	25.03515
2848	28.89465	13.02683	1978.377	9113975	5.562578	0.215321	4.343617	4557.477	25.09806
2911	30.15918	13.16262	2116.167	9256037	5.782021	0.211993	4.518622	4553.402	25.16352
2963	31.89504	13.65794	2210.787	9384152	6.022015	0.213095	4.695525	4550.32	25.21725
3017	33.05019	13.77541	2295.238	9499395	6.270315	0.215355	4.874061	4548.364	25.26918

3080	34.05776	13.80422	2389.036	9603742	6.510317	0.218179	5.053979	4547.68	25.31674
2970	34.78625	13.66207	2213.914	9699197	6.73231	0.220446	5.23504	4548.436	25.37274
2984	35.3662	13.44858	2254.933	9785701	6.899526	0.222056	5.417025	4553.141	25.42259
2879	35.83552	13.28339	2346.059	9864326	7.048662	0.221736	5.599735	4560.972	25.46867
2894	35.92796	12.94169	2761.969	9939678	7.180263	0.221661	5.782993	4572.121	25.50837
2910	36.36078	12.79312	3112.835	10017601	7.293173	0.22092	5.966648	4586.789	25.55279
2890	37.00167	12.84351	3194.562	10102482	7.388085	0.220434	6.150573	4605.179	25.59191
2937	37.68137	12.80358	3371.712	10196136	7.427225	0.220127	6.334665	4624.272	25.6315
2919	38.3288	12.79387	3778.184	10298087	7.451763	0.219734	6.518848	4641.446	25.67679
2971	38.85792	12.76744	4310.093	10407336	7.465734	0.219332	6.703066	4656.244	25.72926
2991	39.31859	12.70091	4129.977	10521834	7.471996	0.218512	6.887285	4668.147	25.78958
2995	39.65396	12.63977	4140.152	10639931	7.474334	0.217168	7.071491	4676.572	25.85866
3018	40.10531	12.59211	4256.913	10761467	7.471537	0.215929	7.255685	4680.865	25.93641
3062	40.58194	12.53914	4137.548	10886668	7.457975	0.214582	7.43988	4683.812	26.01936
3017	41.18402	12.51872	4199.085	11014558	7.457467	0.213077	7.6241	4685.445	26.11099
3106	41.95191	12.54229	4274.293	11143908	7.502117	0.211502	7.808374	4686.426	26.19795
3169	42.80818	12.59624	3827.73	11273661	7.609622	0.209904	7.992737	4686.79	26.28186
3159	43.60434	12.64329	3666.357	11403248	7.775636	0.208219	8.177223	4686.682	26.35071
3135	43.95164	12.60116	3464.417	11532127	8.001256	0.208219	8.361861	4686.477	26.35071
2889	NA	NA	285.0127	28146893	3.291145	NA	2.763484	NA	NA
2818	NA	NA	309.4469	28832805	3.409588	NA	2.862117	NA	NA
2862	NA	NA	350.6632	29531342	3.530635	NA	2.961443	NA	NA
2853	NA	NA	369.5838	30244232	3.636088	NA	3.061413	NA	NA
2830	NA	NA	385.641	30972965	3.717584	NA	3.161985	NA	NA
2925	NA	NA	445.2505	31717477	3.792162	NA	3.263121	NA	NA
2901	NA	NA	482.3784	32477961	3.847692	NA	3.364783	NA	NA
2919	NA	NA	526.214	33256432	3.89359	NA	3.466939	NA	NA
2872	NA	NA	571.6183	34055361	3.940261	NA	3.569556	NA	NA
2953	NA	NA	489.9308	34876267	3.992793	NA	3.672605	NA	NA
3014	NA	NA	455.1053	35720568	4.083712	NA	3.776061	NA	NA
3054	NA	NA	558.4216	36587225	4.175627	NA	3.879904	NA	NA
2940	NA	NA	686.4906	37472298	4.2689	NA	3.984117	NA	NA
2955	NA	NA	927.8001	38370241	4.366783	NA	4.088694	NA	NA
3069	NA	NA	1136.377	39277211	4.471499	NA	4.193637	NA	NA
3123	NA	NA	1275.958	40189511	4.545524	NA	4.298961	NA	NA
3031	NA	NA	1427.373	41108248	4.62315	NA	4.404693	NA	NA
3030	NA	NA	1549.646	42039935	4.689094	NA	4.51088	NA	NA
3095	NA	NA	2079.223	42993991	4.722406	NA	4.617583	NA	NA
3199	NA	NA	1564.249	43975921	4.715064	0.379525	4.724886	3363.248	24.79267
3097	NA	NA	1579.076	44988356	4.678631	0.375584	4.832893	3358.649	24.87374
3132	NA	NA	1402.408	46025357	4.612284	0.371064	4.94173	3354.625	24.96684
3147	NA	NA	1310.257	47073422	4.535364	0.3661	5.051544	3351.049	25.06208
3129	NA	NA	1246.826	48114105	4.471782	0.360816	5.162502	3347.83	25.16429
3360	NA	NA	1368.403	49133883	4.434284	0.355475	5.274791	3344.903	25.27536
3324	NA	NA	1510.678	50128489	4.432771	0.350074	5.388615	3340.309	25.38748
3363	NA	NA	1705.896	51100878	4.451017	0.344521	5.504189	3335.716	25.50795
3430	NA	NA	1745.367	52053704	4.4876	0.338933	5.621739	3331.071	25.62911
3420	NA	NA	2021.861	52992429	4.539681	0.330894	5.741492	3326.328	25.74483
3467	19.71541	11.18337	2794.354	53921699	4.60627	0.323136	5.863675	3321.447	25.85806

3416	20.70622	11.58926	2735.711	54840531	4.703082	0.315893	5.988504	3315.887	25.95413
3407	21.45125	11.81326	2842.374	55748875	4.807701	0.309456	6.116184	3309.739	26.03576
3418	22.28085	12.08904	3180.192	56653729	4.924193	0.304402	6.246893	3302.949	26.09789
3433	23.15525	12.4318	2270.34	57564132	5.057858	0.302034	6.380785	3295.463	26.1322
3430	23.98029	12.6892	2897.87	58486381	5.210044	0.300709	6.517975	3287.226	26.16997
3385	24.93134	12.83903	3053.951	59423208	5.385568	0.29961	6.658539	3279.339	26.20361
3279	26.15392	13.04542	3144.389	60372499	5.571063	0.297961	6.802507	3272.394	26.24486
3340	27.47881	13.26297	4496.509	61329590	5.757756	0.29554	6.949861	3266.532	26.2778
3339	29.13226	13.62375	4108.115	62287326	5.933446	0.29294	7.100528	3261.909	26.35066
3371	29.71894	13.41919	4316.561	63240121	6.091985	0.288689	7.254386	3258.701	26.44045
3325	30.81046	13.42547	3119.606	64191474	6.227445	0.283537	7.411262	3259.644	26.53936
3346	32.13451	13.45359	3660.071	65143054	6.350137	0.278028	7.570935	3263.93	26.64891
3344	34.87668	13.92076	4718.455	66085803	6.46349	0.272959	7.733143	3271.778	26.76661
3342	36.41403	13.82976	6040.88	67007855	6.571501	0.26918	7.897589	3283.411	26.88691
3338	37.70657	13.63144	7384.259	67903406	6.677755	0.264369	8.063951	3299.062	26.99498
3345	38.07661	13.23373	8034.611	68763405	6.785662	0.25789	8.231891	3315.742	27.08514
3361	37.96585	12.68504	9709.721	69597281	6.889279	0.250994	8.401065	3330.626	27.11999
3303	37.83705	12.13732	10850.87	70440032	6.992725	0.245191	8.571135	3343.249	27.10159
3320	38.63436	11.91527	9036.268	71339185	7.099571	0.240651	8.741774	3353.08	27.06407
3342	38.44163	11.48342	10672.4	72326914	7.211699	0.233962	8.912683	3359.521	27.0405
3386	38.31256	11.13805	11340.82	73409455	7.308221	0.225099	9.083589	3361.899	27.08245
3394	37.89758	10.77922	11720.31	74569867	7.407274	0.216252	9.254256	3362.977	27.15137
3411	37.43519	10.45238	12542.72	75787333	7.516454	0.209765	9.424487	3363.675	27.25059
3228	36.96158	10.16672	12127.46	77030628	7.645808	0.205821	9.594125	3363.838	27.36359
3269	36.44382	9.868507	10984.8	78271472	7.801754	0.203904	9.763051	3363.547	27.48239
3260	35.93037	9.569048	10862.73	79512426	7.964218	0.20321	9.931185	3363.028	27.59302
3242	35.94535	9.411431	10546.15	80745020	8.152511	0.20321	10.09848	3362.806	27.59302
2350	18.49031	9.574265	820.6843	3899843	3.898567	0.092926	9.331269	8291.942	23.95224
2427	20.4199	10.42455	791.0863	4010789	3.98368	0.092317	9.405275	8289.041	24.00218
2403	21.54432	10.93884	606.6691	4115099	4.054459	0.09165	9.476822	8285.164	24.06473
2405	21.80485	11.02139	588.0961	4207840	4.102675	0.091032	9.545929	8280.224	24.12587
2363	21.99103	11.08943	554.833	4287344	4.154973	0.090399	9.612632	8270.451	24.20669
2397	21.242	10.75535	562.6373	4355114	4.182715	0.08973	9.67698	8256.224	24.26745
2422	20.23095	10.24354	590.3935	4413477	4.20154	0.089075	9.739042	8237.212	24.33564
2491	19.45608	9.865565	548.6995	4466132	4.230842	0.088136	9.7989	8213.061	24.39626
2515	18.56687	9.410438	643.175	4516131	4.27833	0.08723	9.856656	8183.392	24.47536
2526	18.70358	9.492204	774.4833	4564080	4.382022	0.086321	9.912427	8154.391	24.54155
2589	19.45633	9.846878	967.8908	4610002	4.485117	0.085472	9.966346	8130.231	24.62171
2651	20.22398	10.17828	1283.912	4655741	4.569326	0.084859	10.01856	8111.757	24.7225
2725	22.092	10.97623	1453.917	4703398	4.6092	0.08418	10.06924	8099.922	24.80768
2740	24.61524	11.99539	1704.419	4754641	4.592565	0.083535	10.11855	8095.795	24.91135
2744	26.40389	12.60447	2136.476	4810105	4.535639	0.082769	10.1667	8098.413	25.01378
2820	26.76588	12.61396	2600.371	4870137	4.445789	0.082128	10.21388	8101.74	25.11383
2786	26.66418	12.395	3904.468	4935762	4.338641	0.081532	10.26031	8105.398	25.2079
2797	25.80672	11.82225	4036.459	5007950	4.232031	0.080967	10.30621	8108.902	25.29552
2781	26.61214	11.8764	4439.203	5087210	4.138437	0.080422	10.35181	8111.634	25.37142
2769	29.1527	12.70288	5649.978	5174061	4.096376	0.079729	10.39734	8112.824	25.46811
2757	31.69111	13.49314	6675.263	5267839	4.056806	0.078944	10.44306	8113.883	25.55611
2759	34.00263	14.06525	7304.421	5366277	4.031249	0.07811	10.48919	8114.5	25.63987

2817	35.75451	14.41326	7962.366	5466241	4.034893	0.07741	10.53598	8114.968	25.73745
2819	36.45463	14.37385	6432.684	5565284	4.074617	0.076934	10.58366	8115.231	25.82964
2816	36.24089	14.0759	6389.354	5662544	4.157654	0.076505	10.63247	8115.282	25.93167
2806	35.86733	13.78009	6586.626	5758075	4.277384	0.076505	10.68262	8115.236	25.93167
2209	NA	NA	63.01516	7006633	2.602534	NA	1.117913	NA	NA
2165	NA	NA	62.01682	7240174	2.596374	NA	1.170502	NA	NA
2182	NA	NA	68.93525	7487429	2.588205	NA	1.225138	NA	NA
2146	NA	NA	76.04461	7746198	2.579911	NA	1.281836	NA	NA
2177	NA	NA	110.4105	8014401	2.572394	NA	1.340603	NA	NA
2019	NA	NA	111.6358	8292776	2.581524	NA	1.401436	NA	NA
2229	NA	NA	112.7705	8580676	2.588223	NA	1.464327	NA	NA
2235	NA	NA	116.9643	8872920	2.592912	NA	1.529256	NA	NA
2229	NA	NA	127.5858	9162833	2.595867	NA	1.596195	NA	NA
2287	NA	NA	133.3978	9446064	2.598024	NA	1.665107	NA	NA
2235	NA	NA	145.8569	9720399	2.610983	NA	1.735945	NA	NA
2313	NA	NA	149.3332	9988380	2.619594	NA	1.808653	NA	NA
2235	NA	NA	165.9955	10256429	2.624169	NA	1.883167	NA	NA
2316	NA	NA	199.3734	10533716	2.624544	NA	1.959414	NA	NA
2335	NA	NA	217.9296	10827147	2.620903	NA	2.037311	NA	NA
2383	NA	NA	219.6891	11139833	2.630865	NA	2.116771	NA	NA
2354	NA	NA	255.9938	11470867	2.635442	NA	2.197698	NA	NA
2265	NA	NA	204.7891	11818307	2.636097	NA	2.279991	NA	NA
2122	NA	NA	175.6388	12178544	2.634601	NA	2.363545	NA	NA
2028	NA	NA	99.17575	12549540	2.632104	0.098332	2.448251	8493.326	21.41114
2091	NA	NA	103.4245	12930209	2.641288	0.097942	2.534	8490.806	21.41988
2213	NA	NA	163.4351	13323332	2.647386	0.097603	2.620679	8488.601	21.42703
2312	NA	NA	163.1081	13735271	2.651022	0.097273	2.70818	8486.641	21.43537
2174	NA	NA	255.0817	14174470	2.652332	0.097022	2.796395	8484.876	21.4453
2068	NA	NA	240.3056	14646624	2.651492	0.096799	2.88522	8483.273	21.45442
2072	NA	NA	258.882	15154521	2.661094	0.09653	2.974557	8480.756	21.46245
2103	NA	NA	399.4487	15695411	2.667691	0.096276	3.064316	8478.238	21.46972
2185	NA	NA	400.2409	16262533	2.671183	0.096023	3.154413	8475.692	21.47858
2300	NA	NA	313.217	16846090	2.671492	0.09587	3.244775	8473.094	21.48871
2304	23.85203	18.33968	246.8273	17438907	2.669055	0.095761	3.335341	8470.419	21.49951
2241	24.8898	19.01521	184.1269	18040438	2.676182	0.095716	3.426061	8467.793	21.51105
2184	25.23487	19.24604	153.1912	18652889	2.67484	0.095799	3.516897	8465.303	21.52144
2208	25.83666	19.63529	167.0749	19275422	2.667957	0.095987	3.607826	8462.961	21.53042
2183	26.43297	19.98218	200.4472	19907634	2.659186	0.096295	3.698839	8460.785	21.54084
2177	27.07389	20.31097	280.0845	20550291	2.649812	0.096716	3.789942	8458.792	21.55067
2076	27.26798	20.30338	285.0935	21202118	2.656065	0.097254	3.881157	8454.054	21.5752
2092	27.33455	20.2615	286.717	21865931	2.660404	0.09791	3.97252	8446.171	21.60464
2206	27.43694	20.22921	291.9864	22551789	2.656193	0.098701	4.064084	8434.843	21.64034
2186	27.04616	19.82265	257.7478	23272995	2.634667	0.099103	4.155917	8419.746	21.69244
2192	27.1228	19.71349	257.6304	24039274	2.592907	0.09951	4.248102	8400.521	21.74059
2210	27.27237	19.66384	234.9841	24854892	2.558913	0.099422	4.340739	8381.792	21.78483
2254	27.00595	19.37824	240.2423	25718048	2.510004	0.099396	4.43394	8366.809	21.83024
2300	26.78577	19.0821	237.9996	26624820	2.454492	0.099477	4.527834	8356.197	21.876
2261	26.66116	18.81634	288.0237	27568436	2.40224	0.099712	4.622561	8350.668	21.92043
2243	26.20047	18.30377	315.788	28543940	2.357877	0.099712	4.718277	8351.027	21.96224

2187	25.82543	17.90596	336.4594	29550662	2.332983	0.099326	4.815146	8357.796	22.00347
2127	25.42112	17.53472	401.8509	30590487	2.313255	0.097525	4.913345	8366.498	22.05357
2086	24.88254	17.16827	449.6928	31663896	2.295712	0.095385	5.013061	8376.966	22.10206
2094	24.63507	16.94433	554.405	32771895	2.276457	0.093296	5.114487	8388.965	22.14498
2107	24.5606	16.79331	595.2062	33915133	2.254094	0.091464	5.217825	8402.171	22.18175
2087	24.62612	16.67836	574.9196	35093648	2.239585	0.090097	5.323278	8416.159	22.20049
2073	24.85485	16.75825	636.6382	36306796	2.222427	0.089146	5.431055	8430.803	22.23235
2015	25.27938	17.00472	655.0495	37553726	2.20454	0.088388	5.541363	8438.126	22.26628
2084	25.44976	17.11123	702.7951	38833338	2.188233	0.089269	5.654407	8444.824	22.30491
2062	25.30088	16.98296	675.1211	40144870	2.174679	0.089003	5.770389	8450.395	22.33967
2036	25.35742	16.93727	581.7028	41487965	2.171063	0.088539	5.889501	8454.021	22.36955
2035	25.57068	16.93354	606.4685	42862958	2.168261	0.088539	6.011927	8454.275	22.36955
2888	47.01754	20.29711	1378.64	52150266	12.72051	0.299629	11.03217	8848.382	25.85466
2822	49.20318	21.49306	1257.35	52179210	13.10698	0.292886	11.13314	8850.294	25.86556
2622	50.83333	22.41569	1011.986	51921041	13.39347	0.287078	11.23207	8851.26	25.8421
2536	54.11534	24.02567	935.9853	51512299	13.53352	0.282434	11.32896	8851.186	25.82748
2446	52.69681	23.41221	872.7092	51057189	13.69655	0.279377	11.42387	8847.33	25.82367
2526	49.45678	22.07405	991.2301	50594105	13.69709	0.278804	11.51684	8840.164	25.82272
2495	45.75378	20.58167	835.2603	50143939	13.63191	0.279674	11.60791	8829.458	25.82897
2431	47.17444	21.35275	635.7727	49673350	13.6421	0.281605	11.69714	8814.97	25.82999
2494	47.98719	21.78164	635.7128	49175848	13.80188	0.284764	11.78461	8796.441	25.84877
2566	47.13588	21.4209	780.738	48683865	14.20743	0.289152	11.87037	8778.989	25.87988
2661	48.04675	21.77259	879.475	48202500	14.73889	0.293498	11.95449	8765.689	25.92342
2662	48.26262	21.68722	1048.522	47812950	15.29085	0.297204	12.03706	8757.221	25.98723
2785	49.44211	21.87183	1367.352	47451600	15.70435	0.299375	12.11813	8754.345	26.05308
2799	48.45598	21.34184	1828.718	47105150	15.89125	0.298741	12.19779	8757.915	26.12887
2813	46.64384	20.26749	2303.019	46787750	16.05135	0.292781	12.27611	8766.979	26.21014
2809	49.91898	21.10225	3068.609	46509350	16.03102	0.285105	12.35315	8776.55	26.29557
2856	52.11819	21.54309	3891.038	46258200	15.9064	0.278637	12.42899	8786.299	26.38978
2774	47.52223	19.67941	2545.48	46053300	15.78169	0.274009	12.50368	8795.8	26.46206
2742	45.69774	18.87381	2965.142	45870700	15.71092	0.272195	12.5773	8804.523	26.53328
2771	43.98799	18.03534	3569.757	45706100	15.69175	0.273162	12.6499	8811.812	26.61101
2760	45.06674	18.1987	3855.421	45593300	15.69795	0.275479	12.72153	8818.939	26.69027
2748	45.94796	18.12426	4029.716	45489600	15.73236	0.276897	12.79225	8822.582	26.75716
2577	43.48096	16.87759	3104.658	45271947	15.79456	0.277901	12.86211	8825.733	26.80704
2649	50.74327	19.00189	2124.663	45154029	15.88671	0.27811	12.93115	8828.18	26.84589
2672	49.47898	18.3455	2185.728	45004645	16.1628	0.277629	12.99941	8829.63	26.90419
2654	47.05766	17.38469	2639.824	44831159	16.46178	0.277629	13.06694	8829.657	26.90419
2546	NA	NA	NA	101078	3.170819	NA	1.712507	NA	NA
2423	NA	NA	NA	112472	2.941176	NA	1.812556	NA	NA
2387	NA	NA	NA	125566	2.720482	NA	1.917473	NA	NA
2292	NA	NA	NA	138529	2.505613	NA	2.027314	NA	NA
2253	NA	NA	NA	150362	2.279166	NA	2.142108	NA	NA
2385	NA	NA	NA	160481	2.075012	NA	2.261859	NA	NA
2430	NA	NA	NA	170283	1.883335	NA	2.386543	NA	NA
2538	NA	NA	NA	183194	1.710209	NA	2.516106	NA	NA
2529	NA	NA	NA	203820	1.558238	NA	2.650462	NA	NA
2521	NA	NA	NA	235499	1.431429	NA	2.789493	NA	NA
2371	NA	NA	NA	278808	1.205848	NA	2.933048	NA	NA

2253	NA	NA	NA	332760	1.148576	NA	3.080943	NA	NA
2891	NA	NA	NA	397174	1.208035	NA	3.232961	NA	NA
2580	NA	NA	NA	471364	1.334213	NA	3.388853	NA	NA
2740	NA	NA	26556.08	554324	1.488299	NA	3.548341	NA	NA
2805	NA	NA	29698.17	646943	1.448814	NA	3.711118	NA	NA
2756	NA	NA	33245.84	748117	1.439481	NA	3.87685	NA	NA
2807	NA	NA	27897.33	852262	1.447794	NA	4.045181	NA	NA
2669	NA	NA	32798.48	952040	1.452985	NA	4.215735	NA	NA
3022	NA	NA	41826	1042384	1.437954	0.140598	4.38812	2160.537	24.29595
3009	NA	NA	44012.33	1120900	1.400928	0.13818	4.561928	2158.695	24.51991
3045	NA	NA	39193.74	1189545	1.338663	0.13515	4.736746	2157.085	24.75618
3080	NA	NA	34159.04	1253060	1.275198	0.13183	4.912154	2155.653	24.99447
3264	NA	NA	31709.25	1318478	1.229979	0.128517	5.087732	2154.364	25.23196
3106	NA	NA	29189.17	1391052	1.208654	0.125534	5.263062	2153.192	25.47188
3024	NA	NA	23056.1	1472218	1.181415	0.123226	5.437737	2151.353	25.72038
3108	NA	NA	23312.93	1560718	1.172922	0.121384	5.611359	2149.514	25.94815
3015	NA	NA	21907.6	1655849	1.176979	0.120352	5.783547	2147.654	26.14527
3025	NA	NA	23612.75	1756043	1.184538	0.119397	5.953945	2145.755	26.30624
2727	30.66624	16.38309	27256.29	1860174	1.188867	0.118332	6.122217	2143.801	26.4395
2720	32.10397	16.70668	26168.27	1970026	1.166685	0.117599	6.288062	2141.247	26.49735
2877	33.35402	17.02056	25993.56	2086639	1.138338	0.116791	6.451208	2138.1	26.54702
2860	34.45792	17.28607	25199.35	2207405	1.107047	0.115867	6.611423	2134.306	26.60248
2976	35.82604	17.60945	25467.19	2328686	1.077432	0.114935	6.768518	2129.808	26.66953
2895	37.32606	17.84733	26847.08	2448820	1.050465	0.114256	6.922344	2124.545	26.75455
2895	39.17893	18.13065	28615.58	2571020	1.050556	0.114455	7.0728	2119.44	26.82629
2908	40.58	18.29164	29199.52	2700010	1.065774	0.114416	7.219834	2115.09	26.92432
2967	42.50023	18.73564	26663.31	2838145	1.086414	0.114534	7.363439	2111.618	27.02861
3050	44.66642	19.24612	28260.01	2988162	1.098936	0.114743	7.50366	2109.162	27.15235
2941	46.34815	19.43168	33071.27	3154925	1.096983	0.114864	7.640588	2107.878	27.29578
2968	50.66671	20.53474	31061.53	3326032	1.050351	0.11484	7.77436	2110.858	27.46455
2998	53.47196	21.00235	31311.36	3507232	1.005038	0.114727	7.905155	2117.487	27.63735
2972	55.71423	21.35347	33230.52	3741932	0.966185	0.115274	8.033194	2128.029	27.80352
2927	57.37998	21.52419	36161.17	4087931	0.937589	0.115324	8.158734	2142.76	27.91999
2826	57.5132	21.07408	39439.8	4579562	0.919215	0.115868	8.282061	2161.967	28.03087
2843	58.73563	21.26306	42372.22	5242032	0.844215	0.117252	8.403491	2182.777	28.08559
2878	60.4701	21.65831	42672.61	6044067	0.795176	0.118606	8.523359	2202.035	28.10827
2837	59.49373	20.96197	45758.91	6894278	0.765896	0.11978	8.642018	2219.266	28.11588
2840	60.34643	20.99181	33072.58	7666393	0.752075	0.120475	8.75983	2233.931	28.137
2785	60.78044	21.05339	35037.89	8270684	0.75047	0.120569	8.877162	2245.416	28.17882
2868	61.56196	21.06366	40434.37	8672475	0.810737	0.120379	8.994381	2253.025	28.25981
2879	62.07095	21.00033	42086.69	8900453	0.875528	0.119809	9.111849	2259.434	28.3531
2915	62.96831	20.94196	43315.14	9006263	0.937803	0.119045	9.229916	2262.793	28.45876
3040	63.4387	20.83816	44443.06	9070867	0.988197	0.118203	9.348917	2265.352	28.5689
3060	64.09321	20.73214	39122.05	9154302	1.021858	0.117274	9.469165	2267.032	28.68509
3047	64.24102	20.59399	38517.8	9269612	1.084177	0.116454	9.590952	2267.786	28.74303
3017	64.04929	20.42913	40698.85	9400145	1.143791	0.116454	9.714539	2267.642	28.74303
2726	NA	NA	1452.545	52800000	11.8565	NA	7.228677	NA	NA
2761	NA	NA	1513.651	53250000	11.94361	NA	7.274585	NA	NA
2740	NA	NA	1592.614	53650000	12.0271	NA	7.322331	NA	NA

2737	NA	NA	1729.4	5.40E+07	12.11039	NA	7.372178	NA	NA
2740	NA	NA	1850.955	54348050	12.19987	NA	7.424388	NA	NA
2752	NA	NA	1959.628	54648500	12.36744	NA	7.479223	NA	NA
2727	NA	NA	2023.628	54943600	12.5406	NA	7.536941	NA	NA
2746	NA	NA	1896.387	55211700	12.71212	NA	7.597789	NA	NA
2764	NA	NA	2032.347	55441750	12.87624	NA	7.662007	NA	NA
2799	NA	NA	2347.544	55663250	13.033	NA	7.729816	NA	NA
2767	NA	NA	2649.802	55896223	13.27094	NA	7.801421	NA	NA
2736	NA	NA	3030.433	56086065	13.48785	NA	7.877004	NA	NA
2745	NA	NA	3426.276	56194527	13.68873	NA	7.956721	NA	NA
2715	NA	NA	3665.863	56229974	13.87862	NA	8.0407	NA	NA
2675	NA	NA	4299.746	56225800	14.05945	NA	8.129034	NA	NA
2725	NA	NA	4138.168	56211968	14.30529	NA	8.221781	NA	NA
2699	NA	NA	4681.44	56193492	14.53098	NA	8.318962	NA	NA
2688	NA	NA	5976.938	56196504	14.7275	NA	8.420554	NA	NA
2748	NA	NA	7804.762	56246951	14.87585	NA	8.526493	NA	NA
2699	NA	NA	10032.06	56314216	14.96589	0.346041	8.63667	4162.182	24.76935
2680	NA	NA	9599.306	56333829	15.0744	0.336407	8.750931	4156.626	24.80728
2670	NA	NA	9146.077	56313641	15.11236	0.326436	8.869081	4151.764	24.84173
2703	NA	NA	8691.519	56332848	15.11198	0.316612	8.990877	4147.443	24.88052
2718	NA	NA	8179.194	56422072	15.11945	0.307082	9.116039	4143.553	24.9181
2804	NA	NA	8652.217	56550268	15.16086	0.29821	9.244247	4140.017	24.95308
2815	NA	NA	10611.11	56681396	15.28424	0.289588	9.375146	4134.467	24.98866
2834	NA	NA	13118.59	56802050	15.43469	0.281134	9.50835	4128.916	25.02479
2848	NA	NA	15987.17	56928327	15.58711	0.273077	9.643451	4123.303	25.06325
2817	NA	NA	16239.28	57076711	15.70576	0.266279	9.780017	4117.573	25.10531
2838	107.6631	33.28154	19095.47	57247586	15.77409	0.260725	9.917605	4111.675	25.16068
2811	107.4894	32.69581	19900.73	57424897	15.87079	0.255608	10.05576	4105.56	25.22192
2889	108.0088	32.21411	20487.17	57580402	15.91905	0.250896	10.19403	4099.391	25.28617
2869	110.7512	32.28504	18389.02	57718614	15.93032	0.246809	10.33197	4093.162	25.35608
2855	109.1533	31.10858	19709.24	57865745	15.92092	0.243528	10.46914	4086.874	25.4248
2819	110.6715	30.97974	23013.46	58019030	15.9019	0.24035	10.60511	4080.533	25.49197
2893	109.1196	30.08332	24219.62	58166950	15.91734	0.236942	10.73949	4073.463	25.56058
2953	108.057	29.20541	26621.48	58316954	15.91764	0.232886	10.87191	4065.622	25.63843
2994	108.5619	28.72285	28014.89	58487141	15.91013	0.229118	11.00201	4056.944	25.71657
3024	108.5945	28.1245	28383.67	58682466	15.90008	0.225171	11.12949	4047.359	25.78311
3009	107.8186	27.33224	27982.36	58892514	15.89195	0.221044	11.25407	4036.788	25.85487
3024	107.6783	26.81932	27427.59	59119673	15.92902	0.216637	11.37552	4029.909	25.91402
3029	108.3459	26.55109	29785.99	59370479	15.96158	0.212884	11.49364	4027.805	25.96387
3022	108.731	26.21024	34173.98	59647577	15.99179	0.209743	11.60827	4030.984	26.0078
3061	105.0314	24.89925	39983.98	59987905	16.0192	0.206946	11.71928	4039.999	26.05024
3087	104.6268	24.40565	41732.64	60401206	16.04509	0.204795	11.82661	4055.466	26.08232
3136	104.3927	23.94233	44252.32	60846820	16.1246	0.202879	11.93019	4075.223	26.11394
3082	103.3149	23.27376	50134.32	61322463	16.19106	0.201784	12.03002	4094.566	26.14044
3075	104.7314	23.14302	46767.59	61806995	16.27064	0.20161	12.12611	4113.023	26.16416
3044	101.6321	22.06403	38262.18	62276270	16.3999	0.201458	12.21851	4130.033	26.18721
3061	101.7629	21.75731	38893.02	62766365	16.59804	0.200925	12.30729	4144.935	26.21912
3033	99.45484	21.05185	41412.35	63258918	16.85766	0.20006	12.39254	4156.949	26.24575
3042	98.37016	20.7037	41790.78	63700300	17.18174	0.198979	12.47438	4168.26	26.26879



3046	98.658	20.52837	42724.07	64128226	17.53367	0.197699	12.55293	4174.045	26.29164
3090	98.19936	20.22548	46783.47	64613160	17.85688	0.196272	12.62834	4178.917	26.30855
3092	99.45191	20.38329	44305.55	65128861	18.12152	0.19496	12.70077	4182.6	26.32227
3099	101.3504	20.61363	40412.03	65595565	18.35041	0.19364	12.77036	4184.716	26.33606
3092	102.6022	20.74463	39720.44	66022273	18.51722	0.19364	12.8373	4184.703	26.33606
1680	NA	NA	NA	10373398	2.394105	NA	0.955131	NA	NA
1686	NA	NA	NA	10683906	2.410691	NA	1.004188	NA	NA
1720	NA	NA	NA	11005905	2.424826	NA	1.055475	NA	NA
1634	NA	NA	NA	11339097	2.435555	NA	1.10902	NA	NA
1674	NA	NA	NA	11683528	2.442918	NA	1.16484	NA	NA
1747	NA	NA	NA	12038903	2.462625	NA	1.222943	NA	NA
1644	NA	NA	NA	12406040	2.477737	NA	1.283327	NA	NA
1638	NA	NA	NA	12787489	2.489238	NA	1.345977	NA	NA
1636	NA	NA	NA	13186557	2.498014	NA	1.410867	NA	NA
1625	NA	NA	NA	13605529	2.504805	NA	1.477962	NA	NA
1580	NA	NA	NA	14045824	2.521283	NA	1.547215	NA	NA
1592	NA	NA	NA	14506617	2.534678	NA	1.618568	NA	NA
1716	NA	NA	NA	14985131	2.545603	NA	1.691953	NA	NA
1818	NA	NA	NA	15477294	2.554516	NA	1.767296	NA	NA
2111	NA	NA	NA	15980301	2.562029	NA	1.844511	NA	NA
2154	NA	NA	NA	16493305	2.578428	NA	1.923505	NA	NA
2154	NA	NA	NA	17017670	2.591265	NA	2.004179	NA	NA
2130	NA	NA	NA	17555494	2.601328	NA	2.086427	NA	NA
2174	NA	NA	NA	18109884	2.609509	NA	2.170138	NA	NA
2160	NA	NA	NA	18683157	2.616555	0.109819	2.255195	8482.95	21.72534
2140	NA	NA	NA	19277108	2.630576	0.109642	2.341479	8481.121	21.77677
2175	NA	NA	NA	19891548	2.641966	0.109452	2.428865	8479.521	21.82429
2149	NA	NA	NA	20524666	2.651317	0.109282	2.517228	8478.099	21.86901
2181	NA	NA	NA	21173603	2.658886	0.109116	2.606439	8476.818	21.91385
2200	NA	NA	NA	21836999	2.665233	0.108981	2.696371	8475.655	21.9572
2205	NA	NA	NA	22511243	2.679466	0.108904	2.786898	8473.828	21.99449
2228	NA	NA	NA	23198533	2.690364	0.108891	2.877893	8472.001	22.02444
2179	NA	NA	219.3718	23909954	2.698801	0.108952	2.969236	8470.154	22.0526
2234	NA	NA	184.3397	24660575	2.705452	0.108988	3.06081	8468.268	22.07764
2149	18.80484	14.14865	172.0448	25459604	2.710678	0.109184	3.152507	8466.326	22.0996
2181	19.23457	14.3789	193.7401	26315013	2.722172	0.10951	3.244225	8464.336	22.11711
2091	19.79044	14.70691	173.8914	27219619	2.731184	0.109827	3.335873	8462.352	22.13402
2052	20.34999	15.04056	155.5983	28149328	2.73858	0.110149	3.427374	8460.376	22.14569
2040	20.81226	15.31847	159.6357	29070615	2.745553	0.110476	3.51866	8458.408	22.15587
1977	21.13064	15.48965	180.465	29960776	2.753453	0.110815	3.60968	8456.455	22.17546
1970	21.34066	15.57115	216.9328	30811854	2.773838	0.111076	3.700395	8451.677	22.20348
1942	21.54047	15.64112	249.9313	31635251	2.791193	0.111352	3.790786	8443.801	22.23929
2022	21.68593	15.66569	296.341	32451713	2.805337	0.111592	3.880847	8432.543	22.28264
1988	21.29742	15.33913	299.7868	33291540	2.815015	0.111027	3.97059	8417.597	22.3155
1932	20.77436	14.92054	306.7238	34178042	2.819339	0.110587	4.060042	8398.626	22.35786
1962	20.58212	14.68906	304.3393	35117019	2.854115	0.110354	4.149248	8380.49	22.40431
2040	20.29058	14.3717	308.0566	36105808	2.882913	0.110249	4.238268	8366.367	22.45068
1903	20.26658	14.2183	323.0721	37149072	2.906829	0.109975	4.327178	8356.904	22.4967
2019	20.1036	13.98385	345.1892	38249984	2.92798	0.109591	4.416069	8352.833	22.54427

2046	19.91758	13.74825	442.2529	39410545	2.947863	0.108524	4.505046	8354.977	22.59463
2053	19.8755	13.63025	471.5274	40634948	2.979155	0.107207	4.594226	8363.048	22.63413
2125	19.92588	13.57805	528.0636	41923715	3.007522	0.105484	4.68374	8372.282	22.67815
2041	19.94899	13.52093	651.2624	43270144	3.032994	0.103506	4.77373	8382.418	22.72807
2043	19.9864	13.48567	658.758	44664231	3.05624	0.101451	4.864349	8393.116	22.78407
2000	19.94685	13.41812	701.6046	46098591	3.078578	0.099368	4.955761	8403.936	22.84922
2100	20.21175	13.53695	733.4128	47570902	3.088386	0.097559	5.048136	8414.324	22.92141
2085	20.63394	13.75456	820.1563	49082997	3.098026	0.09604	5.141655	8424.922	22.96313
2108	21.14171	14.0178	903.3619	50636595	3.10591	0.094968	5.236503	8430.266	23.03035
2196	21.60566	14.23464	950.8183	52234869	3.110116	0.094144	5.332873	8435.054	23.09856
2220	22.1039	14.43394	872.2032	53879957	3.110316	0.093607	5.43096	8438.94	23.16739
2267	22.55175	14.56834	878.4034	55572201	3.110877	0.09339	5.530965	8441.391	23.23296
2280	22.90047	14.62089	936.3308	57310019	3.108331	0.09339	5.633088	8441.522	23.23296
2426	NA	NA	3066.563	1.84E+08	9.199862	NA	10.7482	NA	NA
2403	NA	NA	3243.843	1.87E+08	9.263489	NA	10.83664	NA	NA
2419	NA	NA	3374.515	1.89E+08	9.325247	NA	10.92542	NA	NA
2476	NA	NA	3573.941	1.92E+08	9.392172	NA	11.01435	NA	NA
2472	NA	NA	3827.527	1.94E+08	9.465913	NA	11.10323	NA	NA
2502	NA	NA	4146.317	1.97E+08	9.586703	NA	11.19187	NA	NA
2512	NA	NA	4336.427	1.99E+08	9.711344	NA	11.28007	NA	NA
2534	NA	NA	4695.923	2.01E+08	9.839221	NA	11.36765	NA	NA
2559	NA	NA	5032.145	2.03E+08	9.964205	NA	11.4544	NA	NA
2543	NA	NA	5246.884	2.05E+08	10.07953	NA	11.54016	NA	NA
2566	NA	NA	5623.444	2.08E+08	10.22565	NA	11.62474	NA	NA
2572	NA	NA	6109.926	2.1E+08	10.35518	NA	11.70797	NA	NA
2562	NA	NA	6741.332	2.12E+08	10.48153	NA	11.7897	NA	NA
2573	NA	NA	7242.441	2.14E+08	10.61049	NA	11.86978	NA	NA
2604	NA	NA	7820.065	2.16E+08	10.73844	NA	11.94807	NA	NA
2714	NA	NA	8611.402	2.18E+08	10.89531	NA	12.02443	NA	NA
2687	NA	NA	9471.306	2.2E+08	11.05375	NA	12.09877	NA	NA
2722	NA	NA	10587.29	2.23E+08	11.22009	NA	12.17097	NA	NA
2785	NA	NA	11695.55	2.25E+08	11.39145	NA	12.24095	NA	NA
2779	NA	NA	12597.67	2.27E+08	11.561	0.339971	12.30864	5465.508	25.23601
2839	NA	NA	13993.17	2.29E+08	11.69002	0.317518	12.37396	5458.142	25.28809
2834	NA	NA	14438.98	2.32E+08	11.80253	0.295977	12.43689	5451.696	25.33888
2889	NA	NA	15561.43	2.34E+08	11.90913	0.276081	12.49738	5445.967	25.38067
2954	NA	NA	17134.29	2.36E+08	12.01897	0.258521	12.55542	5440.81	25.41324
3091	NA	NA	18269.42	2.38E+08	12.13346	0.24372	12.61099	5436.122	25.45218
3058	NA	NA	19115.05	2.4E+08	12.25099	0.231778	12.66412	5428.763	25.50245
3149	NA	NA	20100.86	2.42E+08	12.36053	0.222382	12.71481	5421.405	25.54818
3160	NA	NA	21483.23	2.44E+08	12.46171	0.215058	12.7631	5413.963	25.58162
3133	NA	NA	22922.44	2.47E+08	12.55044	0.209065	12.80903	5406.366	25.61168
3179	108.1977	25.2078	23954.48	2.5E+08	12.62409	0.204711	12.85266	5398.547	25.6648
3216	110.4993	25.19345	24405.16	2.53E+08	12.66646	0.201625	12.89404	5390.669	25.73044
3244	110.984	24.59214	25492.95	2.57E+08	12.68945	0.199558	12.93326	5382.971	25.80772
3293	115.177	24.80525	26464.85	2.6E+08	12.6958	0.19825	12.9704	5375.468	25.88444
3346	116.2841	24.41449	27776.64	2.63E+08	12.68396	0.197468	13.00554	5368.185	25.96921
3263	117.4725	24.14552	28782.18	2.66E+08	12.6524	0.197074	13.03879	5361.157	26.05104
3266	115.9265	23.45501	30068.23	2.69E+08	12.60106	0.196885	13.07024	5352.845	26.13648

3316	114.1576	22.75827	31572.69	2.73E+08	12.53535	0.19669	13.1	5342.91	26.20394
3332	111.4141	21.96854	32949.2	2.76E+08	12.46151	0.196033	13.1282	5331.189	26.2756
3336	111.0179	21.65246	34620.93	2.79E+08	12.38712	0.193543	13.15493	5317.502	26.34872
3439	110.4008	21.24456	36449.86	2.82E+08	12.32033	0.190476	13.18034	5301.651	26.41168
3400	111.021	21.12159	37273.62	2.85E+08	12.29887	0.186388	13.20453	5288.2	26.4736
3455	109.7923	20.70324	38166.04	2.88E+08	12.27514	0.180918	13.22763	5279.067	26.54264
3444	108.3161	20.32342	39677.2	2.9E+08	12.26034	0.174532	13.24976	5274.794	26.61129
3467	104.693	19.58298	41921.81	2.93E+08	12.26485	0.167651	13.27106	5275.983	26.69445
3481	103.4636	19.34481	44307.92	2.96E+08	12.29404	0.160991	13.29164	5283.31	26.74757
3444	101.05	18.89338	46437.07	2.98E+08	12.36448	0.154569	13.31162	5295.514	26.76972
3449	98.62502	18.34127	48061.54	3.01E+08	12.45697	0.148851	13.33113	5308.034	26.78437
3393	98.17772	18.10721	48401.43	3.04E+08	12.58177	0.143878	13.35028	5320.507	26.80468
3344	98.86129	17.99012	47001.56	3.07E+08	12.75089	0.139717	13.36919	5332.486	26.84716
3351	95.98105	17.36639	48375.41	3.09E+08	12.97185	0.136368	13.38796	5343.43	26.90304
3340	95.54461	17.25807	49793.71	3.12E+08	13.24252	0.133672	13.4067	5352.688	26.95976
3371	93.48645	16.90268	51450.96	3.14E+08	13.55676	0.131431	13.42551	5361.676	27.00188
3360	91.86849	16.64191	52782.09	3.16E+08	13.90346	0.129504	13.44449	5366.258	27.04057
3382	91.3017	16.568	54696.73	3.19E+08	14.26733	0.127909	13.46373	5370.208	27.07742
3408	91.27528	16.53215	56443.82	3.21E+08	14.64034	0.126614	13.4833	5373.273	27.1085
3423	93.40044	16.84839	57588.54	3.23E+08	15.03148	0.125736	13.5033	5375.096	27.13524
3437	94.30642	16.99021	59531.66	3.26E+08	15.41333	0.125736	13.52378	5375.128	27.13524
2429	NA	NA	601.7011	2571690	8.211643	NA	5.198852	NA	NA
2319	NA	NA	656.7122	2603887	8.25704	NA	5.281506	NA	NA
2423	NA	NA	584.2907	2635129	8.300656	NA	5.365298	NA	NA
2461	NA	NA	741.2431	2665390	8.346358	NA	5.450209	NA	NA
2379	NA	NA	701.7047	2694537	8.398029	NA	5.536215	NA	NA
2368	NA	NA	664.4384	2722877	8.507362	NA	5.623289	NA	NA
2308	NA	NA	580.9698	2750093	8.619272	NA	5.711392	NA	NA
2387	NA	NA	574.3442	2774774	8.729107	NA	5.800485	NA	NA
2496	NA	NA	717.1386	2795046	8.828298	NA	5.89052	NA	NA
2580	NA	NA	760.586	2809803	8.914148	NA	5.981445	NA	NA
2465	NA	NA	996.0927	2818270	9.086993	NA	6.073201	NA	NA
2391	NA	NA	775.9934	2821439	9.231034	NA	6.165725	NA	NA
2398	NA	NA	1404.742	2822081	9.36465	NA	6.258952	NA	NA
2529	NA	NA	1448.339	2824069	9.511595	NA	6.352809	NA	NA
2539	NA	NA	1250.201	2830172	9.681779	NA	6.447224	NA	NA
2491	NA	NA	1290.605	2841429	9.844166	NA	6.542118	NA	NA
2397	NA	NA	1440.153	2857105	10.03197	NA	6.637413	NA	NA
2380	NA	NA	1707.342	2875966	10.2245	NA	6.733027	NA	NA
2505	NA	NA	2479.671	2896023	10.39194	NA	6.82888	NA	NA
2487	NA	NA	3485.526	2915778	10.52042	0.305058	6.924889	3825.717	25.48061
2516	NA	NA	3764.293	2935036	10.64999	0.301376	7.020973	3824.424	25.49741
2469	NA	NA	3106.949	2954282	10.74437	0.297507	7.117049	3823.293	25.50968
2271	NA	NA	1715.939	2973463	10.81695	0.293648	7.213039	3822.288	25.51427
2376	NA	NA	1620.721	2992645	10.88853	0.28993	7.308864	3821.383	25.51102
2346	NA	NA	1571.103	3011908	10.97162	0.286504	7.404449	3820.56	25.50487
2305	NA	NA	1939.967	3031038	11.11576	0.28347	7.499721	3819.269	25.50734
2347	NA	NA	2415.599	3049966	11.2457	0.280974	7.594609	3817.977	25.51174
2338	NA	NA	2676.198	3069099	11.37083	0.279068	7.689049	3816.672	25.51838



2875	NA	NA	NA	NA	NA	NA	NA	NA	NA
2903	NA	NA	NA	NA	NA	NA	NA	NA	NA
2914	NA	NA	NA	NA	NA	NA	NA	NA	NA
2914	NA	NA	NA	NA	NA	NA	NA	NA	NA
2930	NA	NA	NA	NA	NA	NA	NA	NA	NA
2895	NA	NA	NA	NA	NA	NA	NA	NA	NA
2902	NA	NA	NA	NA	NA	NA	NA	NA	NA
2895	NA	NA	NA	NA	NA	NA	NA	NA	NA
2896	NA	NA	NA	NA	NA	NA	NA	NA	NA
2893	NA	NA	NA	NA	NA	NA	NA	NA	NA
2680	NA	NA	NA	NA	NA	NA	NA	NA	NA
2594	18.9636	9.578863	603.352	21449000	4.24385	0.117793	9.37276	8283.412	24.30152
2579	19.82742	10.01796	596.9836	21942000	4.330975	0.118486	9.466728	8277.954	24.3445
2599	20.62652	10.27814	576.4471	22377000	4.403539	0.118951	9.559255	8272.829	24.37726
2549	20.67446	10.14347	585.9324	22785000	4.451853	0.119246	9.650367	8268.077	24.40419
2445	20.91287	10.13654	600.5982	23225000	4.506923	0.119335	9.740101	8260.356	24.43166
2401	21.29711	10.23634	623.0027	23667000	4.538962	0.119264	9.828501	8249.089	24.4636
2305	22.03233	10.54802	623.2161	24051000	4.559569	0.119028	9.915619	8233.929	24.50125
2267	22.95988	10.94258	702.4807	24311650	4.584666	0.117718	10.00152	8214.495	24.53566
2219	24.15294	11.40649	558.2268	24650400	4.622366	0.116117	10.08626	8190.367	24.56398
2190	25.11973	11.65432	456.7063	24964450	4.689806	0.114387	10.16991	8167.052	24.57895
2224	25.91065	11.95426	383.3431	25271850	4.75749	0.112714	10.25256	8148.283	24.60212
2306	26.82805	12.33449	396.378	25567650	4.815522	0.110684	10.33429	8134.799	24.63472
2338	27.66823	12.61299	465.1199	25864350	4.847008	0.108622	10.41517	8127.431	24.67942
2388	28.72887	12.89445	546.7769	26167000	4.842219	0.106687	10.4953	8127.127	24.74927
2434	28.83196	12.74287	654.2838	26488250	4.820976	0.104517	10.57477	8132.587	24.8242
2379	29.18559	12.71482	830.4077	26868000	4.770739	0.101886	10.65367	8138.296	24.91726
2478	29.4492	12.74475	1082.286	27302800	4.697565	0.098985	10.73209	8143.865	25.01969
2501	29.64347	12.63789	1213.265	27767400	4.608442	0.095865	10.81012	8148.8	25.13123
2547	29.95711	12.58676	1377.082	28562400	4.51034	0.092594	10.88784	8152.487	25.25151
2592	30.56128	12.6187	1564.967	29339400	4.418818	0.089221	10.96535	8154.171	25.38953
2630	31.38673	12.80009	1740.468	29774500	4.325906	0.086034	11.04273	8155.511	25.52813
2663	32.34614	13.02664	1907.551	30243200	4.249451	0.083277	11.12005	8156.283	25.65482
2882	32.96671	13.02924	2050.448	30757700	4.213394	0.081626	11.19738	8156.818	25.78006
2917	33.02263	12.89612	2137.577	31298900	4.231518	0.081707	11.2748	8157.08	25.87409
2898	33.23276	12.82279	2117.744	31847900	4.330139	0.082514	11.35237	8157.091	25.95932
2921	33.18487	12.67041	1533.852	32387200	4.468898	0.082514	11.43014	8157.017	25.95932
2325	NA	NA	NA	65713	2.474396	NA	2.344656	NA	NA
2369	NA	NA	NA	67808	2.461361	NA	2.398971	NA	NA
2424	NA	NA	NA	69964	2.45269	NA	2.454418	NA	NA
2375	NA	NA	NA	72131	2.446937	NA	2.511008	NA	NA
2408	NA	NA	NA	74289	2.431046	NA	2.568749	NA	NA
2368	NA	NA	NA	76413	2.534909	NA	2.627649	NA	NA
2469	NA	NA	NA	78522	2.648939	NA	2.687712	NA	NA
2386	NA	NA	NA	80673	2.765485	NA	2.748942	NA	NA
2444	NA	NA	NA	82940	2.881601	NA	2.811339	NA	NA
2416	NA	NA	NA	85389	2.996873	NA	2.874901	NA	NA
2482	NA	NA	NA	88022	2.992434	NA	2.939623	NA	NA
2462	NA	NA	NA	90823	2.982725	NA	3.005497	NA	NA

2440	NA	NA	NA	93765	2.971258	NA	3.072513	NA	NA
2504	NA	NA	NA	96796	2.963965	NA	3.140657	NA	NA
2403	NA	NA	NA	99872	2.955783	NA	3.209911	NA	NA
2316	NA	NA	NA	103028	2.976861	NA	3.280257	NA	NA
2415	NA	NA	NA	106222	2.991847	NA	3.35167	NA	NA
2424	NA	NA	NA	109429	3.005602	NA	3.424125	NA	NA
2503	NA	NA	1059.325	112580	3.009416	NA	3.497591	NA	NA
2464	NA	NA	980.8979	115632	3.018196	0.209605	3.572035	7393.095	24.47536
2401	NA	NA	832.7408	118580	3.087367	0.20733	3.647424	7392.699	24.50827
2463	NA	NA	808.2072	121435	3.152304	0.20504	3.723717	7392.352	24.54264
2506	NA	NA	886.3152	124249	3.216122	0.202737	3.800875	7392.043	24.57831
2615	NA	NA	1066.58	127092	3.278727	0.200568	3.878856	7391.766	24.61911
2647	NA	NA	951.3294	130027	3.339306	0.198549	3.957614	7391.513	24.66607
2583	NA	NA	892.1616	133038	3.388506	0.197051	4.037105	7391.117	24.71137
2562	NA	NA	961.1324	136125	3.437282	0.195661	4.117281	7390.721	24.75883
2465	NA	NA	1065.865	139366	3.487938	0.194408	4.198095	7390.32	24.80194
2407	NA	NA	1011.433	142849	3.540102	0.193718	4.279501	7389.911	24.84621
2471	32.62542	21.36034	1080.223	146634	3.592618	0.193256	4.361451	7389.49	24.89045
2460	33.0502	21.5781	1252.636	150778	3.576782	0.193514	4.443901	7388.8	24.93184
2441	33.33271	21.75966	1263.455	155243	3.558937	0.193761	4.526805	7387.831	24.97585
2430	33.6651	22.00046	1176.87	159814	3.532231	0.194091	4.610122	7386.556	25.01722
2427	33.96394	22.1986	1335.26	164208	3.509573	0.194385	4.693812	7384.948	25.05994
2421	34.34073	22.41125	1390.33	168235	3.493328	0.194588	4.77784	7382.978	25.10045
2484	34.65515	22.57078	1427.102	171801	3.478443	0.19472	4.862173	7378.32	25.1463
2534	34.95574	22.73831	1462.238	174999	3.456591	0.194495	4.946783	7371.009	25.19718
2574	35.23374	22.89774	1472.957	178078	3.425465	0.193724	5.031645	7360.827	25.24786
2572	35.70895	23.19551	1477.842	181345	3.384157	0.182167	5.116741	7347.542	25.27484
2549	36.24931	23.51939	1469.849	185063	3.341565	0.171335	5.202057	7330.902	25.30296
2524	36.83789	23.8881	1362.602	189290	3.322415	0.161861	5.287585	7315.21	25.33318
2548	37.17444	24.1549	1353.935	193956	3.31106	0.154037	5.373322	7303.09	25.37372
2604	37.46231	24.41081	1580.503	198964	3.306628	0.147851	5.459271	7295.108	25.40593
2587	37.77347	24.65643	1787.947	204143	3.307975	0.143001	5.545442	7291.902	25.44426
2633	38.21834	24.93444	1886.433	209370	3.314228	0.139353	5.631848	7294.188	25.47555
2659	38.79099	25.22299	2047.098	214634	3.400673	0.139938	5.718509	7301.822	25.49972
2680	39.27974	25.45668	2393.367	219953	3.511659	0.14065	5.805449	7310.631	25.52007
2673	39.71856	25.66101	2697.961	225340	3.651371	0.141852	5.892699	7320.396	25.54956
2676	40.20958	25.88061	2643.441	230785	3.804407	0.142899	5.980293	7330.827	25.58619
2664	40.63684	26.03792	2965.802	236295	3.947608	0.141859	6.068267	7341.552	25.63633
2649	41.18123	26.24183	3275.092	241871	3.97774	0.141058	6.156663	7352.097	25.71406
2643	41.54715	26.36086	3158.587	247485	4.003071	0.142725	6.245524	7362.907	25.8117
2667	41.89393	26.48714	3167.343	253142	4.043185	0.144563	6.334896	7368.344	25.90836
2583	42.12017	26.55724	3148.365	258850	4.108171	0.14471	6.424826	7373.237	25.9768
2565	42.5271	26.72221	2788.771	264603	4.196475	0.144808	6.515361	7377.231	26.01983
2482	42.84074	26.81131	2913.967	270402	4.284732	0.144871	6.606549	7379.771	26.03022
2503	42.96635	26.77802	3123.615	276244	4.393942	0.144871	6.698435	7379.917	26.03022
1854	NA	NA	967.7849	8461685	2.328851	NA	3.358142	NA	NA
1825	NA	NA	1017.79	8790589	2.347294	NA	3.436399	NA	NA
1837	NA	NA	1068.232	9130349	2.364378	NA	3.516453	NA	NA
1979	NA	NA	854.6964	9476252	2.383031	NA	3.598344	NA	NA

1938	NA	NA	857.816	9824692	2.405348	NA	3.68211	NA	NA
1889	NA	NA	863.0184	10175140	2.437549	NA	3.767784	NA	NA
1902	NA	NA	878.6049	10528054	2.474854	NA	3.855395	NA	NA
1930	NA	NA	922.1144	10881995	2.515623	NA	3.94497	NA	NA
1962	NA	NA	915.4127	11235491	2.557423	NA	4.03653	NA	NA
1968	NA	NA	997.7002	11587761	2.600045	NA	4.130089	NA	NA
1940	NA	NA	1087.854	11937805	2.656569	NA	4.225658	NA	NA
1898	NA	NA	1137.655	12286439	2.71142	NA	4.323243	NA	NA
1858	NA	NA	1348.075	12636969	2.766273	NA	4.422842	NA	NA
1876	NA	NA	2008.687	12994025	2.822782	NA	4.524449	NA	NA
1975	NA	NA	2055.586	13360987	2.881344	NA	4.62805	NA	NA
2032	NA	NA	2286.863	13739142	2.943292	NA	4.733628	NA	NA
2171	NA	NA	2563.083	14127787	3.001532	NA	4.841158	NA	NA
2142	NA	NA	2706.627	14525931	3.058675	NA	4.95061	NA	NA
2180	NA	NA	3235.452	14931739	3.117641	NA	5.061947	NA	NA
2255	NA	NA	3852.766	15343916	3.180049	0.196105	5.175126	6205.567	25.28495
2303	NA	NA	4208.114	15761799	3.235785	0.193377	5.290099	6208.252	25.37884
2178	NA	NA	4184.924	16185894	3.294406	0.190056	5.406812	6210.602	25.46778
2192	NA	NA	4065.407	16617346	3.35408	0.186307	5.525204	6212.69	25.59965
2342	NA	NA	3518.059	17057785	3.411979	0.182319	5.645208	6214.57	25.74215
2239	NA	NA	3539.254	17508059	3.467455	0.1782	5.766751	6216.279	25.86077
1980	NA	NA	3360.961	17968552	3.520434	0.174051	5.889754	6218.962	25.93608
2154	NA	NA	2604.923	18437794	3.56483	0.170008	6.014133	6221.644	25.99344
2325	NA	NA	3184.472	18912526	3.603781	0.166297	6.139794	6224.357	26.04274
1938	NA	NA	2244.97	19388342	3.641724	0.162767	6.266642	6227.126	26.0084
2006	30.79805	13.33597	2446.804	19861956	3.681697	0.159928	6.394573	6229.977	25.96049
2070	32.52935	13.85155	2630.177	20332079	3.731645	0.157769	6.523479	6232.088	26.00395
2133	35.4142	14.47124	2904.062	20799075	3.781413	0.156242	6.653246	6233.306	26.09923
2020	34.6333	14.04392	2824.802	21263443	3.831369	0.155329	6.783757	6233.549	26.13809
1976	36.99603	14.87866	2688.839	21726352	3.880744	0.154043	6.914892	6232.724	26.13921
2036	38.79856	15.01408	3488.615	22188667	3.930164	0.153326	7.046526	6230.731	26.1543
1990	39.84561	14.83685	3114.477	22650102	4.01324	0.153177	7.178533	6228.261	26.18947
1901	39.83008	14.5031	3714.534	23110178	4.093322	0.153431	7.310789	6226.18	26.25001
1982	39.12622	14.20836	3874.982	23569454	4.173372	0.15452	7.443167	6224.606	26.29982
1972	39.18491	14.26551	4077.496	24028689	4.256412	0.1519	7.575544	6223.672	26.34639
2078	38.98243	13.96532	4783.531	24488340	4.344214	0.151156	7.707798	6223.533	26.40246
2139	41.42055	14.25558	4926.311	24948476	4.445706	0.150417	7.839814	6226.511	26.44973
1886	46.03127	15.36445	3655.976	25408700	4.549017	0.149631	7.97148	6232.124	26.49234
2073	45.38893	15.04489	3232.524	25868523	4.655871	0.148931	8.102693	6240.579	26.53528
2112	42.582	14.16599	4271.372	26327225	4.767039	0.148184	8.233356	6252.086	26.61045
2108	42.35863	14.18085	5432.689	26784161	4.883539	0.146629	8.363381	6266.865	26.70464
2119	42.67142	14.35437	6735.798	27239168	4.997715	0.141507	8.49269	6281.048	26.81928
2218	43.31169	14.46803	8318.803	27691965	5.114155	0.136033	8.621216	6292.155	26.94952
2442	45.77582	14.99483	11227.23	28141701	5.234893	0.130451	8.748903	6299.667	27.09656
2489	47.34843	15.2195	11536.15	28587323	5.361873	0.12567	8.875703	6302.999	27.22585
2426	48.73185	15.37821	13545.26	29028033	5.496738	0.121038	9.001584	6301.494	27.35685
2417	50.75431	15.74066	10741.58	29463291	5.636899	0.116963	9.126522	6294.415	27.48879
2315	52.22992	15.99782	12755	29893080	5.781964	0.114031	9.250504	6285.402	27.6213
2268	53.40032	16.39589	12237.19	30317848	5.933162	0.111326	9.37353	6281.101	27.74655

2255	53.1348	16.49562	15692.41	30738378	6.091252	0.109178	9.495606	6276.616	27.85095
2063	52.81667	16.38629	NA	31155134	6.257527	0.107193	9.61675	6272.375	27.92892
1913	52.26839	15.96419	NA	31568179	6.433048	0.105397	9.736987	6269.21	27.97859
1913	52.28149	15.90799	NA	31977065	6.614294	0.105397	9.856349	6268.768	27.97859
1863	NA	NA	NA	33666772	4.780129	NA	2.700399	NA	NA
1917	NA	NA	NA	34684165	4.824692	NA	2.797527	NA	NA
1910	NA	NA	NA	35722091	4.8653	NA	2.896937	NA	NA
1896	NA	NA	NA	36780985	4.914722	NA	2.998547	NA	NA
1874	NA	NA	NA	37860012	4.978802	NA	3.102261	NA	NA
1852	NA	NA	NA	38959334	5.074553	NA	3.207966	NA	NA
1843	NA	NA	NA	40074699	5.173596	NA	3.315541	NA	NA
1860	NA	NA	NA	41195835	5.26646	NA	3.424847	NA	NA
1857	NA	NA	NA	42309665	5.339111	NA	3.535733	NA	NA
1927	NA	NA	NA	43407287	5.3864	NA	3.64804	NA	NA
1872	NA	NA	NA	44485908	5.334561	NA	3.761595	NA	NA
1847	NA	NA	NA	45549483	5.249243	NA	3.876216	NA	NA
1869	NA	NA	NA	46604726	5.145461	NA	3.991714	NA	NA
1897	NA	NA	NA	47661773	5.040245	NA	4.107897	NA	NA
1796	NA	NA	NA	48729392	4.942233	NA	4.224565	NA	NA
1820	NA	NA	NA	49808071	5.022491	NA	4.34152	NA	NA
1768	NA	NA	NA	50899504	5.109944	NA	4.458563	NA	NA
1718	NA	NA	NA	52015281	5.196938	NA	4.575499	NA	NA
1853	NA	NA	NA	53169673	5.27193	NA	4.692139	NA	NA
1873	NA	NA	NA	54372514	5.330068	0.251174	4.808302	5986.878	20.24595
1940	NA	NA	NA	55627746	5.379289	0.253607	4.923816	5993.948	20.25115
1896	NA	NA	NA	56931824	5.409788	0.256365	5.038523	6000.135	20.25641
1909	NA	NA	NA	58277387	5.431362	0.25937	5.15228	6005.635	20.2632
1960	NA	NA	NA	59653090	5.456601	0.262645	5.26496	6010.584	20.27113
1938	NA	NA	230.8736	61049373	5.491973	0.266249	5.376454	6015.083	20.27862
2003	NA	NA	421.6587	62459560	5.537397	0.270053	5.486674	6022.147	20.28587
1931	NA	NA	573.8473	63881297	5.588914	0.273969	5.595552	6029.21	20.29358
1939	NA	NA	389.2569	65313708	5.642045	0.27783	5.703042	6036.352	20.30219
1922	NA	NA	94.27127	66757402	5.689372	0.281503	5.809122	6043.644	20.31
1851	18.16045	10.78062	94.8802	68209605	5.728523	0.284398	5.913791	6051.149	20.31653
1800	18.43794	10.83872	137.9826	69670902	5.767673	0.286059	6.017073	6057.432	20.32278
1866	18.72928	10.89874	138.7168	71130448	5.794995	0.285946	6.119012	6062.148	20.33004
1965	18.95972	10.92366	181.6549	72560427	5.821734	0.283521	6.219675	6065.155	20.33793
1979	19.22377	10.9399	220.31	73925082	5.864315	0.27191	6.31915	6066.291	20.34744
1943	19.49979	10.9305	275.7506	75198977	5.931778	0.258926	6.417545	6065.372	20.35809
1938	19.71658	10.88656	322.857	76372719	6.016574	0.24664	6.514983	6063.109	20.37063
1896	20.01654	10.89807	346.579	77453335	6.125082	0.237309	6.611607	6060.987	20.38579
2023	20.28996	10.9151	346.8272	78452897	6.242425	0.23385	6.707573	6059.161	20.40426
2091	20.54507	10.93076	361.2944	79391374	6.345737	0.232647	6.803047	6057.814	20.43156
2117	20.74962	10.90836	388.2705	80285562	6.423605	0.233147	6.898207	6057.159	20.46462
2176	20.98216	10.86321	402.8251	81139919	6.506418	0.233392	6.99324	6060.976	20.50601
2247	21.20075	10.79646	427.838	81956496	6.550599	0.231562	7.088334	6068.877	20.56313
2292	21.46237	10.73712	477.9895	82747662	6.569062	0.22533	7.183685	6081.219	20.62749
2343	21.76405	10.68089	543.8659	83527678	6.577488	0.21609	7.279486	6098.38	20.69521
2359	22.04088	10.60482	683.5968	84308843	6.582585	0.20525	7.375931	6120.754	20.75099





2406	NA	NA	NA	NA	NA	NA	NA	NA
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2417	NA	NA	NA	NA	NA	NA	NA	NA
2413	NA	NA	NA	NA	NA	NA	NA	NA
2425	NA	NA	NA	NA	NA	NA	NA	NA
2444	NA	NA	NA	NA	NA	NA	NA	NA
2477	NA	NA	NA	NA	NA	NA	NA	NA
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2551	NA	NA	NA	NA	NA	NA	NA	NA
2557	NA	NA	NA	NA	NA	NA	NA	NA
2583	NA	NA	NA	NA	NA	NA	NA	NA
2565	NA	NA	NA	NA	NA	NA	NA	NA
2584	NA	NA	NA	NA	NA	NA	NA	NA
2591	NA	NA	NA	NA	NA	NA	NA	NA
2579	NA	NA	NA	NA	NA	NA	NA	NA
2591	NA	NA	NA	NA	NA	NA	NA	NA
2539	NA	NA	NA	NA	NA	NA	NA	NA
2499	NA	NA	NA	NA	NA	NA	NA	NA
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2503	NA	NA	NA	NA	NA	NA	NA	NA
2382	NA	NA	NA	NA	NA	NA	NA	NA
2365	NA	NA	NA	NA	NA	NA	NA	NA
2399	NA	NA	NA	NA	NA	NA	NA	NA
2407	NA	NA	NA	NA	NA	NA	NA	NA
2394	NA	NA	NA	NA	NA	NA	NA	NA
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2434	NA	NA	NA	NA	NA	NA	NA	NA
2464	NA	NA	NA	NA	NA	NA	NA	NA
2444	NA	NA	NA	NA	NA	NA	NA	NA
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3004	NA	NA	NA	NA	NA	NA	NA	NA
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3145	NA	NA	NA	NA	NA	NA	NA	NA
3153	NA	NA	NA	NA	NA	NA	NA	NA
3162	NA	NA	NA	NA	NA	NA	NA	NA
3162	NA	NA	NA	NA	NA	NA	NA	NA
2039	NA	462.2966	3.07E+09	5.020666	NA	NA	NA	NA
2082	NA	487.8821	3.13E+09	5.045722	NA	NA	NA	NA
2092	NA	514.5766	3.19E+09	5.054739	NA	NA	NA	NA
2122	NA	552.5011	3.26E+09	5.058732	NA	NA	NA	NA
2144	NA	589.4052	3.32E+09	5.059812	NA	NA	NA	NA
2156	NA	626.2598	3.39E+09	5.116552	NA	NA	NA	NA
2154	NA	653.0057	3.46E+09	5.171094	NA	NA	NA	NA
2159	NA	690.3653	3.54E+09	5.221684	NA	NA	NA	NA
2167	NA	744.4558	3.61E+09	5.26754	NA	NA	NA	NA
2203	NA	802.1229	3.69E+09	5.307163	NA	NA	NA	NA
2179	NA	867.8116	3.76E+09	5.374276	NA	NA	NA	NA
2165	NA	980.8536	3.84E+09	5.433033	NA	NA	NA	NA
2200	NA	1172.044	3.92E+09	5.48482	NA	NA	NA	NA

2193	NA	NA	1325.787	3.99E+09	5.534714	NA	NA	NA	NA
2215	NA	NA	1448.876	4.07E+09	5.584188	NA	NA	NA	NA
2196	NA	NA	1548.508	4.14E+09	5.663153	NA	NA	NA	NA
2230	NA	NA	1721.127	4.21E+09	5.740688	NA	NA	NA	NA
2282	NA	NA	1991.464	4.29E+09	5.810784	NA	NA	NA	NA
2275	NA	NA	2273.573	4.36E+09	5.863672	NA	NA	NA	NA
2294	NA	NA	2517.513	4.44E+09	5.894901	NA	NA	NA	NA
2309	NA	NA	2561.703	4.52E+09	5.928223	NA	NA	NA	NA
2338	NA	NA	2492.232	4.6E+09	5.935341	NA	NA	NA	NA
2383	NA	NA	2497.921	4.68E+09	5.929496	NA	NA	NA	NA
2388	NA	NA	2547.427	4.76E+09	5.926547	NA	NA	NA	NA
2393	NA	NA	2630.724	4.85E+09	5.934674	NA	NA	NA	NA
2397	NA	NA	3055.266	4.93E+09	5.971301	NA	NA	NA	NA
2402	NA	NA	3415.432	5.02E+09	6.01204	NA	NA	NA	NA
2427	NA	NA	3754.946	5.11E+09	6.057194	NA	NA	NA	NA
2439	NA	NA	3867.83	5.2E+09	6.106525	NA	NA	NA	NA
2420	NA	NA	4275.094	5.29E+09	6.158752	NA	NA	NA	NA
2410	NA	NA	4455.659	5.38E+09	6.232572	NA	NA	NA	NA
2423	NA	NA	4659.325	5.46E+09	6.312733	NA	NA	NA	NA
2429	NA	NA	4662.486	5.54E+09	6.390858	NA	NA	NA	NA
2454	NA	NA	4933.118	5.63E+09	6.462198	NA	NA	NA	NA
2473	NA	NA	5402.803	5.71E+09	6.524248	NA	NA	NA	NA
2476	NA	NA	5444.863	5.8E+09	6.613056	NA	NA	NA	NA
2489	NA	NA	5349.796	5.88E+09	6.68642	NA	NA	NA	NA
2506	NA	NA	5263.138	5.96E+09	6.75139	NA	NA	NA	NA
2522	NA	NA	5385.853	6.04E+09	6.81758	NA	NA	NA	NA
2536	NA	NA	5488.338	6.12E+09	6.888629	NA	NA	NA	NA
2528	NA	NA	5386.096	6.2E+09	6.981414	NA	NA	NA	NA
2534	NA	NA	5522.819	6.28E+09	7.07498	NA	NA	NA	NA
2538	NA	NA	6120.614	6.36E+09	7.165179	NA	NA	NA	NA
2551	NA	NA	6808.376	6.44E+09	7.243008	NA	NA	NA	NA
2567	NA	NA	7282.975	6.52E+09	7.305538	NA	NA	NA	NA
2585	NA	NA	7793.11	6.6E+09	7.378134	NA	NA	NA	NA
2611	NA	NA	8671.46	6.68E+09	7.438383	NA	NA	NA	NA
2624	NA	NA	9395.818	6.77E+09	7.494889	NA	NA	NA	NA
2624	NA	NA	8798.666	6.85E+09	7.558157	NA	NA	NA	NA
2657	NA	NA	9514.945	6.93E+09	7.635873	NA	NA	NA	NA
2671	NA	NA	10451.45	7.01E+09	7.736539	NA	NA	NA	NA
2673	NA	NA	10563.15	7.1E+09	7.84837	NA	NA	NA	NA
2682	NA	NA	10730.32	7.19E+09	7.973492	NA	NA	NA	NA
2690	NA	NA	10890.52	7.27E+09	8.117331	NA	NA	NA	NA
2701	NA	NA	10182.19	7.36E+09	8.283372	NA	NA	NA	NA
2710	NA	NA	10209	7.44E+09	8.481605	NA	NA	NA	NA
2722	NA	NA	10721.61	7.53E+09	8.695675	NA	NA	NA	NA
1687	NA	NA	NA	5260501	3.391464	NA	0.397885	NA	NA
1686	NA	NA	NA	5351799	3.358702	NA	0.422244	NA	NA
1717	NA	NA	NA	5446063	3.317497	NA	0.447963	NA	NA
1723	NA	NA	NA	5543339	3.261987	NA	0.475088	NA	NA
1702	NA	NA	NA	5643643	3.189925	NA	0.503663	NA	NA

1704	NA	NA	NA	5748588	3.188174	NA	0.533731	NA	NA
1698	NA	NA	NA	5858638	3.1706	NA	0.565331	NA	NA
1662	NA	NA	NA	5971407	3.138557	NA	0.598498	NA	NA
1702	NA	NA	NA	6083619	3.096282	NA	0.633266	NA	NA
1672	NA	NA	NA	6193810	3.045944	NA	0.669664	NA	NA
1690	NA	NA	NA	6300554	3.049827	NA	0.70772	NA	NA
1698	NA	NA	NA	6407295	3.047651	NA	0.747458	NA	NA
1729	NA	NA	NA	6523452	3.03646	NA	0.7889	NA	NA
1746	NA	NA	NA	6661566	3.010944	NA	0.832067	NA	NA
1742	NA	NA	NA	6830692	2.969055	NA	0.876976	NA	NA
1802	NA	NA	NA	7034868	2.959146	NA	0.923646	NA	NA
1839	NA	NA	NA	7271872	2.934361	NA	0.972094	NA	NA
1935	NA	NA	NA	7536764	2.898883	NA	1.022336	NA	NA
1893	NA	NA	NA	7821552	2.857873	NA	1.074391	NA	NA
1841	NA	NA	NA	8120497	2.814113	0.186509	1.128278	3365.859	22.1567
1849	NA	NA	NA	8434017	2.787806	0.185945	1.184017	3364.757	22.18755
1908	NA	NA	NA	8764621	2.760382	0.185134	1.241633	3363.793	22.21971
1849	NA	NA	NA	9111097	2.729891	0.184347	1.30115	3362.936	22.25059
1868	NA	NA	NA	9472170	2.693681	0.183583	1.362596	3362.164	22.27977
1823	NA	NA	NA	9847899	2.6515	0.182914	1.426005	3361.463	22.30107
1900	NA	NA	NA	10232733	2.626991	0.182306	1.491409	3360.362	22.31866
1884	NA	NA	NA	10628585	2.595934	0.181711	1.558848	3359.261	22.33039
1966	NA	NA	NA	11051504	2.560122	0.181859	1.628365	3358.148	22.34608
1984	NA	NA	NA	11523267	2.521455	0.182355	1.700004	3357.011	22.36357
1835	11.40204	7.880749	468.367	12057039	2.480916	0.182953	1.773816	3355.841	22.37725
1827	11.576	7.93997	468.374	12661614	2.574348	0.184597	1.849854	3354.489	22.40157
1907	11.77224	8.014436	485.0557	13325583	2.678277	0.185973	1.928178	3352.974	22.4293
1892	12.00056	8.106853	382.9763	14017239	2.792169	0.187251	2.00885	3351.281	22.46005
1855	12.2715	8.214667	283.6347	14692686	2.916839	0.188113	2.091935	3349.396	22.49127
1855	12.58147	8.326608	277.977	15320653	3.05329	0.188721	2.177504	3347.302	22.52115
1811	12.8466	8.420286	364.1212	15889449	3.005202	0.188806	2.265632	3344.917	22.5435
1816	13.07415	8.502137	416.7577	16408954	2.959786	0.187969	2.356398	3342.37	22.56377
1842	13.26489	8.565573	374.3527	16896210	2.916009	0.186719	2.449882	3339.66	22.5616
1858	13.566	8.688088	439.6973	17378098	2.871879	0.183824	2.546169	3336.791	22.55353
1859	13.98925	8.850379	540.0047	17874725	2.827025	0.180594	2.645346	3333.764	22.55486
1834	14.39278	8.988146	536.2419	18390135	2.810007	0.177238	2.747502	3333.866	22.56635
1840	14.741	9.107769	565.2797	18919179	2.787135	0.173326	2.852727	3337.475	22.59278
1824	15.00868	9.188137	605.1749	19462086	2.761508	0.169272	2.96111	3344.927	22.63731
1832	15.34097	9.287145	693.0481	20017068	2.736225	0.162346	3.072741	3356.585	22.70127
1847	15.7789	9.392712	813.6037	20582927	2.712777	0.156975	3.187706	3372.845	22.76088
1870	16.32569	9.522261	900.8269	21160534	2.705229	0.155659	3.30609	3390.962	22.8057
1904	16.87599	9.667221	995.3533	21751605	2.696707	0.155512	3.427972	3407.54	22.82749
1881	17.3762	9.794193	1203.721	22356391	2.690425	0.156128	3.553426	3422.118	22.86178
1905	17.84822	9.894781	1093.813	22974929	2.689997	0.157307	3.682521	3434.167	22.88689
1930	18.31811	9.990817	1309.232	23606779	2.697369	0.158295	3.815314	3443.074	22.92879
1930	18.77799	10.07418	1349.42	24252206	2.729364	0.159071	3.951854	3448.134	22.98208
1967	19.14863	10.14182	1421.172	24909969	2.764431	0.15962	4.092181	3452.007	23.06416
1960	19.50831	10.22744	1580.182	25576322	2.799425	0.160011	4.236317	3454.097	23.18285
1893	19.91548	10.35192	1647.034	26246327	2.830697	0.160255	4.384276	3455.533	23.29635

1906	20.29132	10.50535	1693.908	26916207	2.857026	0.160207	4.536051	3456.306	23.37497
1753	20.61366	10.63613	1320.924	27584213	2.892462	0.159949	4.691621	3456.483	23.40904
1780	20.77189	10.70181	1106.804	28250420	2.922349	0.159949	4.850946	3456.311	23.40904
2857	NA	NA	NA	NA	NA	NA	NA	NA	NA
3009	NA	NA	NA	NA	NA	NA	NA	NA	NA
3007	NA	NA	NA	NA	NA	NA	NA	NA	NA
3068	NA	NA	NA	NA	NA	NA	NA	NA	NA
3028	NA	NA	NA	NA	NA	NA	NA	NA	NA
3129	NA	NA	NA	NA	NA	NA	NA	NA	NA
3151	NA	NA	NA	NA	NA	NA	NA	NA	NA
3125	NA	NA	NA	NA	NA	NA	NA	NA	NA
3142	NA	NA	NA	NA	NA	NA	NA	NA	NA
3128	NA	NA	NA	NA	NA	NA	NA	NA	NA
3162	NA	NA	NA	NA	NA	NA	NA	NA	NA
3118	NA	NA	NA	NA	NA	NA	NA	NA	NA
3146	NA	NA	NA	NA	NA	NA	NA	NA	NA
3260	NA	NA	NA	NA	NA	NA	NA	NA	NA
3231	NA	NA	NA	NA	NA	NA	NA	NA	NA
3292	NA	NA	NA	NA	NA	NA	NA	NA	NA
3304	NA	NA	NA	NA	NA	NA	NA	NA	NA
3265	NA	NA	NA	NA	NA	NA	NA	NA	NA
3273	NA	NA	NA	NA	NA	NA	NA	NA	NA
3282	NA	NA	NA	NA	NA	NA	NA	NA	NA
3303	NA	NA	NA	NA	NA	NA	NA	NA	NA
3272	NA	NA	NA	NA	NA	NA	NA	NA	NA
3309	NA	NA	NA	NA	NA	NA	NA	NA	NA
3283	NA	NA	NA	NA	NA	NA	NA	NA	NA
3226	NA	NA	NA	NA	NA	NA	NA	NA	NA
3316	NA	NA	NA	NA	NA	NA	NA	NA	NA
3278	NA	NA	NA	NA	NA	NA	NA	NA	NA
3259	NA	NA	NA	NA	NA	NA	NA	NA	NA
3214	NA	NA	NA	NA	NA	NA	NA	NA	NA
3257	NA	NA	NA	NA	NA	NA	NA	NA	NA
3113	NA	NA	NA	NA	NA	NA	NA	NA	NA
2096	NA	NA	221.7284	3140264	2.518355	NA	1.396362	NA	NA
2095	NA	NA	213.8942	3240587	2.525684	NA	1.464907	NA	NA
2045	NA	NA	214.853	3345145	2.533134	NA	1.536668	NA	NA
1999	NA	NA	243.1053	3452942	2.538821	NA	1.611709	NA	NA
1977	NA	NA	303.8825	3563407	2.542146	NA	1.690081	NA	NA
2108	NA	NA	343.9121	3676189	2.560097	NA	1.771818	NA	NA
2104	NA	NA	360.7702	3791887	2.575288	NA	1.856936	NA	NA
2118	NA	NA	410.4863	3912085	2.587955	NA	1.945429	NA	NA
2128	NA	NA	486.6927	4038923	2.597202	NA	2.03727	NA	NA
2099	NA	NA	437.3065	4173928	2.60304	NA	2.132407	NA	NA
2108	NA	NA	390.7129	4317748	2.620533	NA	2.230764	NA	NA
2115	NA	NA	427.4629	4469895	2.631919	NA	2.332238	NA	NA
2152	NA	NA	490.0664	4629402	2.639239	NA	2.436701	NA	NA
2167	NA	NA	651.0935	4794754	2.644703	NA	2.543997	NA	NA
2165	NA	NA	527.4433	4964831	2.649536	NA	2.653947	NA	NA

2188	NA	NA	534.4811	5139030	2.659354	NA	2.766345	NA	NA
2271	NA	NA	466.9373	5317631	2.667485	NA	2.880965	NA	NA
2155	NA	NA	511.3884	5501445	2.673679	NA	2.997559	NA	NA
2134	NA	NA	584.2668	5691749	2.677763	NA	3.115862	NA	NA
2089	NA	NA	650.2548	5889230	2.679773	0.113684	3.235592	7739.768	22.03004
2051	NA	NA	635.467	6094206	2.685091	0.112855	3.356458	7736.104	22.05893
1954	NA	NA	633.5176	6305709	2.686978	0.111965	3.478161	7732.897	22.08167
1958	NA	NA	493.1821	6521542	2.686681	0.111113	3.600399	7730.048	22.09934
1945	NA	NA	406.5203	6738765	2.685284	0.110308	3.722868	7727.483	22.11863
1848	NA	NA	327.9926	6955212	2.683772	0.109502	3.845272	7725.151	22.13474
1892	NA	NA	231.7708	7170656	2.691246	0.108711	3.967321	7721.491	22.14848
1859	NA	NA	307.337	7385686	2.694171	0.108015	4.088739	7717.831	22.15751
1900	NA	NA	488.6289	7600072	2.693277	0.107363	4.209266	7714.129	22.1728
1911	NA	NA	511.7399	7813808	2.689329	0.106879	4.328663	7710.351	22.18819
1914	28.3905	21.11318	409.258	8027253	2.682599	0.10648	4.446713	7706.461	22.20138
1844	28.85316	21.52199	410.0719	8239732	2.689177	0.106115	4.563226	7702.643	22.21873
1823	29.17119	21.88129	376.4574	8452275	2.690293	0.105695	4.678041	7699.022	22.23228
1821	29.25213	22.08591	377.5723	8669168	2.686255	0.105238	4.791028	7695.616	22.24937
1873	29.40852	22.33863	411.039	8896109	2.676721	0.104768	4.902088	7692.45	22.26062
1901	29.38074	22.40213	416.6614	9137077	2.661606	0.104293	5.011159	7689.552	22.2707
1905	29.09193	22.20758	382.9151	9394304	2.66421	0.103861	5.118211	7684.261	22.28137
1826	28.45004	21.74886	445.1712	9666578	2.660135	0.103448	5.22325	7676.141	22.29738
1814	27.5813	21.11519	355.538	9950224	2.650141	0.103072	5.326317	7664.917	22.30686
1846	26.31333	20.15567	332.4616	10239714	2.635064	0.103681	5.427488	7650.288	22.3162
1712	24.90824	19.06717	341.9056	10531221	2.615347	0.104484	5.52687	7631.922	22.32101
1737	23.63057	18.04172	378.2736	10824125	2.621219	0.105669	5.624604	7614.323	22.32384
1723	22.48887	17.11421	377.1305	11120409	2.621846	0.108378	5.720862	7600.472	22.33633
1784	21.67865	16.42531	429.1583	11421984	2.617129	0.11156	5.81584	7590.969	22.35264
1754	20.83243	15.70076	530.2772	11731746	2.607071	0.116158	5.909765	7586.489	22.36878
1770	20.26846	15.1807	691.3178	12052156	2.59186	0.121247	6.002883	7587.799	22.37015
1732	20.30867	15.12568	1030.154	12383446	2.592429	0.126201	6.095464	7595.276	22.38862
1687	20.41602	15.12079	1104.588	12725974	2.589751	0.130283	6.187792	7604.542	22.40651
1709	21.10011	15.51486	1369.068	13082517	2.583593	0.131935	6.280166	7615.418	22.4268
1779	21.69159	15.82661	1139.11	13456417	2.57333	0.132466	6.372899	7627.657	22.45311
1811	22.52432	16.28263	1463.214	13850033	2.558969	0.132035	6.466308	7640.926	22.48915
1811	23.25511	16.63546	1644.62	14264756	2.553019	0.130961	6.560717	7654.791	22.54132
1821	23.90193	16.94031	1734.931	14699937	2.54365	0.129351	6.656448	7669.238	22.59667
1829	24.42485	17.16525	1850.793	15153210	2.531675	0.126861	6.753824	7676.467	22.65566
1876	24.95854	17.38826	1738.088	15620974	2.517641	0.124838	6.853157	7683.058	22.70958
1941	25.63878	17.68747	1313.89	16100587	2.502095	0.123165	6.954755	7688.52	22.76555
1903	26.30765	17.97056	1262.99	16591390	2.49178	0.12174	7.058908	7692.061	22.82359
1910	26.64835	18.07446	1513.276	17094130	2.479734	0.12174	7.165892	7692.301	22.82359
2016	NA	NA	283.3159	3870756	3.374354	NA	2.414375	NA	NA
2043	NA	NA	279.441	3999419	3.365964	NA	2.487751	NA	NA
2020	NA	NA	280.5662	4132756	3.345975	NA	2.563062	NA	NA
2018	NA	NA	285.0532	4269863	3.323526	NA	2.640338	NA	NA
2000	NA	NA	297.3634	4410212	3.302404	NA	2.71961	NA	NA
2000	NA	NA	281.4908	4553433	3.290265	NA	2.800906	NA	NA
2089	NA	NA	297.2319	4700041	3.277035	NA	2.884251	NA	NA



2108	NA	NA	304.9822	4851431	3.2611	NA	2.969669	NA	NA
2059	NA	NA	348.9358	5009514	3.238797	NA	3.057177	NA	NA
2123	NA	NA	364.0544	5175618	3.209279	NA	3.146792	NA	NA
2134	NA	NA	407.1457	5351195	3.19168	NA	3.238525	NA	NA
2173	NA	NA	483.7049	5535874	3.167052	NA	3.332382	NA	NA
2132	NA	NA	577.8467	5727044	3.137343	NA	3.428364	NA	NA
2128	NA	NA	672.5553	5920943	3.104455	NA	3.526467	NA	NA
2065	NA	NA	714.8056	6115370	3.0701	NA	3.626677	NA	NA
2089	NA	NA	684.554	6308300	3.052471	NA	3.728977	NA	NA
2122	NA	NA	671.2479	6501893	3.029102	NA	3.833337	NA	NA
2130	NA	NA	649.1843	6703182	3.005558	NA	3.939723	NA	NA
2078	NA	NA	747.9943	6921790	2.988331	NA	4.048089	NA	NA
2122	NA	NA	932.2596	7164172	2.979954	0.150529	4.15838	5242.077	22.30789
2029	NA	NA	1077.965	7431940	2.986004	0.147306	4.27053	5242.988	22.31909
1996	NA	NA	1105.959	7721536	3.000452	0.144136	4.384464	5243.785	22.31862
1949	NA	NA	967.1758	8027565	3.01617	0.141099	4.500096	5244.494	22.31548
1910	NA	NA	761.4454	8342195	3.024827	0.138241	4.617327	5245.132	22.3163
1865	NA	NA	651.0397	8658857	3.023863	0.135575	4.736051	5245.712	22.31363
1831	NA	NA	692.6673	8976205	3.020798	0.133058	4.856148	5246.623	22.30655
1801	NA	NA	725.3858	9293283	3.009991	0.130767	4.977492	5247.533	22.29232
1834	NA	NA	813.6754	9604302	2.997063	0.128683	5.099945	5248.454	22.30156
1840	NA	NA	836.7876	9902540	2.988809	0.126948	5.223363	5249.394	22.3157
1812	17.3453	11.38699	862.5866	10183113	2.98885	0.125434	5.347595	5250.361	22.32614
1761	17.30022	11.25855	827.4869	10443043	3.012877	0.124049	5.472484	5250.73	22.34863
1753	17.1339	11.12126	631.9906	10682868	3.036282	0.122813	5.59787	5250.417	22.3626
1743	16.91781	10.96977	601.8669	10905756	3.057862	0.121747	5.72359	5249.359	22.39202
1725	16.84871	10.89203	619.8351	11116948	3.075439	0.120891	5.849484	5247.489	22.42334
1725	17.27951	11.12827	628.1849	11320346	3.087856	0.120251	5.975391	5244.729	22.46189
1751	17.4126	11.32458	742.5727	11518262	3.109723	0.1197	6.101155	5241.662	22.52994
1749	18.09375	11.97968	728.4008	11709997	3.124023	0.119307	6.226626	5238.949	22.58933
1751	19.9808	13.49069	538.2849	11893272	3.131157	0.119095	6.351663	5236.683	22.63656
1730	22.09269	15.17737	568.444	12064537	3.131053	0.119478	6.476133	5234.972	22.68478
1713	24.33248	16.87094	547.3589	12222251	3.123803	0.120247	6.599916	5233.94	22.73113
1745	26.31042	18.27086	548.0587	12366165	3.138192	0.121053	6.722906	5237.33	22.77786
1729	28.51379	19.88556	507.348	12500525	3.142156	0.121817	6.84501	5244.904	22.8075
1752	29.63971	20.89878	453.3512	12633897	3.137638	0.122483	6.966153	5257.012	22.82784
1794	31.2103	22.2012	454.3607	12777511	3.126837	0.123499	7.086276	5274.024	22.80733
1796	30.5633	21.99741	444.7605	12940032	3.109938	0.124076	7.205336	5296.337	22.77418
1868	30.27764	21.91393	414.7962	13124267	3.11657	0.123635	7.323312	5320.1	22.77017
1892	29.90807	21.72498	396.9982	13329909	3.119864	0.123004	7.440197	5341.447	22.75781
1890	29.92984	21.78412	325.6786	13558469	3.113987	0.122359	7.556005	5359.775	22.71775
1941	29.91923	21.75326	699.8823	13810599	3.090981	0.121737	7.670766	5374.401	22.70561
1943	28.98904	21.08307	854.8477	14086317	3.048128	0.121148	7.784528	5384.539	22.71272
1972	27.7631	20.16046	980.2088	14386649	3.008164	0.120985	7.897354	5389.302	22.75
1938	27.09027	19.52653	1163.419	14710826	2.955062	0.120878	8.009321	5392.337	22.80376
1852	26.72765	19.06707	1268.127	15054506	2.898853	0.120837	8.12052	5394.063	22.87642
1978	26.62473	18.77807	1264.984	15411675	2.852733	0.120743	8.231054	5394.992	22.95226
1942	26.4304	18.44377	1265.294	15777451	2.823593	0.11996	8.341034	5395.187	23.02814
1951	26.48872	18.30188	1272.335	16150362	2.815553	0.119314	8.45058	5394.869	23.0996

1964 26.26251 18.02319 1333.396 16529904 2.821904 0.119314 8.559817 5394.594 23.0996