

Web Table 2. Measures of dispersion for sample sizes from 1000 to 100000 (with increments of 1000), and for allele frequencies from 0.05 to 0.95 (with increments of 0.05). σ and μ are respectively the standard deviation and the mean of observed number in the sample. CI-low and CI-high are the limits of the 95% CI.

n	p	q	σ	CI-low	CI-high	μ	σ/μ
1000	.05	.95	1.58	-3.10	3.10	50	.0316
1000	.10	.90	3.15	-6.17	6.17	100	.0315
1000	.15	.85	4.69	-9.19	9.19	150	.0313
1000	.20	.80	6.20	-12.15	12.15	200	.0310
1000	.25	.75	7.65	-15.00	15.00	250	.0306
1000	.30	.70	9.05	-17.74	17.74	300	.0302
1000	.35	.65	10.37	-20.32	20.32	350	.0296
1000	.40	.60	11.59	-22.72	22.72	400	.0290
1000	.45	.55	12.71	-24.91	24.91	450	.0282
1000	.50	.50	13.69	-26.84	26.84	500	.0274
1000	.55	.45	14.53	-28.47	28.47	550	.0264
1000	.60	.40	15.18	-29.75	29.75	600	.0253
1000	.65	.35	15.62	-30.62	30.62	650	.0240
1000	.70	.30	15.81	-30.98	30.98	700	.0226
1000	.75	.25	15.69	-30.75	30.75	750	.0209
1000	.80	.20	15.18	-29.75	29.75	800	.0190
1000	.85	.15	14.16	-27.75	27.75	850	.0167
1000	.90	.10	12.41	-24.32	24.32	900	.0138
1000	.95	.05	9.38	-18.39	18.39	950	.0099
2000	.05	.95	2.23	-4.38	4.38	100	.0223
2000	.10	.90	4.45	-8.72	8.72	200	.0222
2000	.15	.85	6.63	-13.00	13.00	300	.0221
2000	.20	.80	8.76	-17.18	17.18	400	.0219
2000	.25	.75	10.83	-21.22	21.22	500	.0217
2000	.30	.70	12.80	-25.08	25.08	600	.0213
2000	.35	.65	14.66	-28.74	28.74	700	.0209
2000	.40	.60	16.40	-32.13	32.13	800	.0205
2000	.45	.55	17.97	-35.22	35.22	900	.0200
2000	.50	.50	19.36	-37.96	37.96	1000	.0194
2000	.55	.45	20.54	-40.26	40.26	1100	.0187
2000	.60	.40	21.47	-42.07	42.07	1200	.0179
2000	.65	.35	22.09	-43.30	43.30	1300	.0170
2000	.70	.30	22.36	-43.82	43.82	1400	.0160
2000	.75	.25	22.19	-43.48	43.48	1500	.0148
2000	.80	.20	21.47	-42.07	42.07	1600	.0134
2000	.85	.15	20.02	-39.25	39.25	1700	.0118
2000	.90	.10	17.54	-34.39	34.39	1800	.0097
2000	.95	.05	13.27	-26.00	26.00	1900	.0070
3000	.05	.95	2.74	-5.36	5.36	150	.0182
3000	.10	.90	5.45	-10.68	10.68	300	.0182
3000	.15	.85	8.12	-15.92	15.92	450	.0181
3000	.20	.80	10.73	-21.04	21.04	600	.0179

3000	.25	.75	13.26	-25.99	25.99	750	.0177
3000	.30	.70	15.67	-30.72	30.72	900	.0174
3000	.35	.65	17.96	-35.20	35.20	1050	.0171
3000	.40	.60	20.08	-39.36	39.36	1200	.0167
3000	.45	.55	22.01	-43.14	43.14	1350	.0163
3000	.50	.50	23.72	-46.49	46.49	1500	.0158
3000	.55	.45	25.16	-49.31	49.31	1650	.0152
3000	.60	.40	26.29	-51.53	51.53	1800	.0146
3000	.65	.35	27.06	-53.03	53.03	1950	.0139
3000	.70	.30	27.38	-53.67	53.67	2100	.0130
3000	.75	.25	27.17	-53.26	53.26	2250	.0121
3000	.80	.20	26.29	-51.53	51.53	2400	.0110
3000	.85	.15	24.53	-48.07	48.07	2550	.0096
3000	.90	.10	21.49	-42.11	42.11	2700	.0080
3000	.95	.05	16.25	-31.85	31.85	2850	.0057
4000	.05	.95	3.16	-6.19	6.19	200	.0158
4000	.10	.90	6.29	-12.33	12.33	400	.0157
4000	.15	.85	9.38	-18.38	18.38	600	.0156
4000	.20	.80	12.39	-24.29	24.29	800	.0155
4000	.25	.75	15.31	-30.01	30.01	1000	.0153
4000	.30	.70	18.10	-35.48	35.48	1200	.0151
4000	.35	.65	20.74	-40.64	40.64	1400	.0148
4000	.40	.60	23.19	-45.44	45.44	1600	.0145
4000	.45	.55	25.42	-49.82	49.82	1800	.0141
4000	.50	.50	27.39	-53.68	53.68	2000	.0137
4000	.55	.45	29.05	-56.94	56.94	2200	.0132
4000	.60	.40	30.36	-59.50	59.50	2400	.0126
4000	.65	.35	31.24	-61.23	61.23	2600	.0120
4000	.70	.30	31.62	-61.97	61.97	2800	.0113
4000	.75	.25	31.37	-61.49	61.49	3000	.0105
4000	.80	.20	30.36	-59.50	59.50	3200	.0095
4000	.85	.15	28.32	-55.51	55.51	3400	.0083
4000	.90	.10	24.81	-48.63	48.63	3600	.0069
4000	.95	.05	18.76	-36.77	36.77	3800	.0049
5000	.05	.95	3.53	-6.92	6.92	250	.0141
5000	.10	.90	7.04	-13.79	13.79	500	.0141
5000	.15	.85	10.49	-20.55	20.55	750	.0140
5000	.20	.80	13.86	-27.16	27.16	1000	.0139
5000	.25	.75	17.12	-33.55	33.55	1250	.0137
5000	.30	.70	20.24	-39.66	39.66	1500	.0135
5000	.35	.65	23.18	-45.44	45.44	1750	.0132
5000	.40	.60	25.92	-50.81	50.81	2000	.0130
5000	.45	.55	28.42	-55.70	55.70	2250	.0126
5000	.50	.50	30.62	-60.01	60.01	2500	.0122
5000	.55	.45	32.48	-63.66	63.66	2750	.0118
5000	.60	.40	33.94	-66.52	66.52	3000	.0113
5000	.65	.35	34.93	-68.46	68.46	3250	.0107
5000	.70	.30	35.35	-69.28	69.28	3500	.0101

5000	.75	.25	35.08	-68.75	68.75	3750	.0094
5000	.80	.20	33.94	-66.52	66.52	4000	.0085
5000	.85	.15	31.66	-62.06	62.06	4250	.0074
5000	.90	.10	27.74	-54.37	54.37	4500	.0062
5000	.95	.05	20.98	-41.11	41.11	4750	.0044
6000	.05	.95	3.87	-7.58	7.58	300	.0129
6000	.10	.90	7.71	-15.11	15.11	600	.0128
6000	.15	.85	11.49	-22.52	22.52	900	.0128
6000	.20	.80	15.18	-29.75	29.75	1200	.0126
6000	.25	.75	18.75	-36.75	36.75	1500	.0125
6000	.30	.70	22.17	-43.45	43.45	1800	.0123
6000	.35	.65	25.40	-49.78	49.78	2100	.0121
6000	.40	.60	28.40	-55.66	55.66	2400	.0118
6000	.45	.55	31.13	-61.01	61.01	2700	.0115
6000	.50	.50	33.54	-65.74	65.74	3000	.0112
6000	.55	.45	35.58	-69.74	69.74	3300	.0108
6000	.60	.40	37.18	-72.87	72.87	3600	.0103
6000	.65	.35	38.26	-74.99	74.99	3900	.0098
6000	.70	.30	38.72	-75.90	75.90	4200	.0092
6000	.75	.25	38.43	-75.32	75.32	4500	.0085
6000	.80	.20	37.18	-72.87	72.87	4800	.0077
6000	.85	.15	34.68	-67.98	67.98	5100	.0068
6000	.90	.10	30.39	-59.56	59.56	5400	.0056
6000	.95	.05	22.98	-45.04	45.04	5700	.0040
7000	.05	.95	4.18	-8.19	8.19	350	.0119
7000	.10	.90	8.32	-16.32	16.32	700	.0119
7000	.15	.85	12.41	-24.32	24.32	1050	.0118
7000	.20	.80	16.40	-32.13	32.13	1400	.0117
7000	.25	.75	20.25	-39.69	39.69	1750	.0116
7000	.30	.70	23.94	-46.93	46.93	2100	.0114
7000	.35	.65	27.43	-53.76	53.76	2450	.0112
7000	.40	.60	30.67	-60.12	60.12	2800	.0110
7000	.45	.55	33.62	-65.90	65.90	3150	.0107
7000	.50	.50	36.23	-71.01	71.01	3500	.0104
7000	.55	.45	38.43	-75.33	75.33	3850	.0100
7000	.60	.40	40.16	-78.71	78.71	4200	.0096
7000	.65	.35	41.33	-81.00	81.00	4550	.0091
7000	.70	.30	41.82	-81.98	81.98	4900	.0085
7000	.75	.25	41.50	-81.35	81.35	5250	.0079
7000	.80	.20	40.16	-78.71	78.71	5600	.0072
7000	.85	.15	37.46	-73.43	73.43	5950	.0063
7000	.90	.10	32.82	-64.33	64.33	6300	.0052
7000	.95	.05	24.82	-48.64	48.64	6650	.0037
8000	.05	.95	4.47	-8.75	8.75	400	.0112
8000	.10	.90	8.90	-17.44	17.44	800	.0111
8000	.15	.85	13.26	-26.00	26.00	1200	.0111
8000	.20	.80	17.53	-34.35	34.35	1600	.0110
8000	.25	.75	21.65	-42.44	42.44	2000	.0108

8000	.30	.70	25.60	-50.17	50.17	2400	.0107
8000	.35	.65	29.32	-57.48	57.48	2800	.0105
8000	.40	.60	32.79	-64.27	64.27	3200	.0102
8000	.45	.55	35.94	-70.45	70.45	3600	.0100
8000	.50	.50	38.73	-75.91	75.91	4000	.0097
8000	.55	.45	41.08	-80.53	80.53	4400	.0093
8000	.60	.40	42.93	-84.15	84.15	4800	.0089
8000	.65	.35	44.18	-86.59	86.59	5200	.0085
8000	.70	.30	44.71	-87.64	87.64	5600	.0080
8000	.75	.25	44.37	-86.97	86.97	6000	.0074
8000	.80	.20	42.93	-84.15	84.15	6400	.0067
8000	.85	.15	40.05	-78.50	78.50	6800	.0059
8000	.90	.10	35.09	-68.77	68.77	7200	.0049
8000	.95	.05	26.53	-52.00	52.00	7600	.0035
9000	.05	.95	4.74	-9.29	9.29	450	.0105
9000	.10	.90	9.44	-18.50	18.50	900	.0105
9000	.15	.85	14.07	-27.58	27.58	1350	.0104
9000	.20	.80	18.59	-36.44	36.44	1800	.0103
9000	.25	.75	22.96	-45.01	45.01	2250	.0102
9000	.30	.70	27.15	-53.21	53.21	2700	.0101
9000	.35	.65	31.10	-60.96	60.96	3150	.0099
9000	.40	.60	34.78	-68.17	68.17	3600	.0097
9000	.45	.55	38.12	-74.72	74.72	4050	.0094
9000	.50	.50	41.08	-80.52	80.52	4500	.0091
9000	.55	.45	43.58	-85.41	85.41	4950	.0088
9000	.60	.40	45.54	-89.25	89.25	5400	.0084
9000	.65	.35	46.86	-91.85	91.85	5850	.0080
9000	.70	.30	47.42	-92.95	92.95	6300	.0075
9000	.75	.25	47.06	-92.24	92.24	6750	.0070
9000	.80	.20	45.54	-89.25	89.25	7200	.0063
9000	.85	.15	42.48	-83.26	83.26	7650	.0056
9000	.90	.10	37.22	-72.95	72.95	8100	.0046
9000	.95	.05	28.14	-55.16	55.16	8550	.0033
10000	.05	.95	4.99	-9.79	9.79	500	.0100
10000	.10	.90	9.95	-19.50	19.50	1000	.0099
10000	.15	.85	14.83	-29.07	29.07	1500	.0099
10000	.20	.80	19.60	-38.41	38.41	2000	.0098
10000	.25	.75	24.21	-47.44	47.44	2500	.0097
10000	.30	.70	28.62	-56.09	56.09	3000	.0095
10000	.35	.65	32.79	-64.26	64.26	3500	.0094
10000	.40	.60	36.66	-71.85	71.85	4000	.0092
10000	.45	.55	40.19	-78.77	78.77	4500	.0089
10000	.50	.50	43.30	-84.87	84.87	5000	.0087
10000	.55	.45	45.93	-90.03	90.03	5500	.0084
10000	.60	.40	48.00	-94.08	94.08	6000	.0080
10000	.65	.35	49.40	-96.82	96.82	6500	.0076
10000	.70	.30	49.99	-97.98	97.98	7000	.0071
10000	.75	.25	49.61	-97.23	97.23	7500	.0066

10000	.80	.20	48.00	-94.08	94.08	8000	.0060
10000	.85	.15	44.78	-87.76	87.76	8500	.0053
10000	.90	.10	39.23	-76.89	76.89	9000	.0044
10000	.95	.05	29.66	-58.14	58.14	9500	.0031
11000	.05	.95	5.24	-10.27	10.27	550	.0095
11000	.10	.90	10.44	-20.45	20.45	1100	.0095
11000	.15	.85	15.55	-30.49	30.49	1650	.0094
11000	.20	.80	20.55	-40.28	40.28	2200	.0093
11000	.25	.75	25.39	-49.76	49.76	2750	.0092
11000	.30	.70	30.01	-58.83	58.83	3300	.0091
11000	.35	.65	34.39	-67.40	67.40	3850	.0089
11000	.40	.60	38.45	-75.36	75.36	4400	.0087
11000	.45	.55	42.15	-82.61	82.61	4950	.0085
11000	.50	.50	45.41	-89.01	89.01	5500	.0083
11000	.55	.45	48.18	-94.43	94.43	6050	.0080
11000	.60	.40	50.34	-98.67	98.67	6600	.0076
11000	.65	.35	51.81	-101.54	101.54	7150	.0072
11000	.70	.30	52.43	-102.76	102.76	7700	.0068
11000	.75	.25	52.03	-101.98	101.98	8250	.0063
11000	.80	.20	50.34	-98.67	98.67	8800	.0057
11000	.85	.15	46.96	-92.05	92.05	9350	.0050
11000	.90	.10	41.14	-80.64	80.64	9900	.0042
11000	.95	.05	31.11	-60.98	60.98	10450	.0030
12000	.05	.95	5.47	-10.72	10.72	600	.0091
12000	.10	.90	10.90	-21.36	21.36	1200	.0091
12000	.15	.85	16.25	-31.84	31.84	1800	.0090
12000	.20	.80	21.47	-42.07	42.07	2400	.0089
12000	.25	.75	26.52	-51.97	51.97	3000	.0088
12000	.30	.70	31.35	-61.45	61.45	3600	.0087
12000	.35	.65	35.92	-70.39	70.39	4200	.0086
12000	.40	.60	40.16	-78.71	78.71	4800	.0084
12000	.45	.55	44.02	-86.28	86.28	5400	.0082
12000	.50	.50	47.43	-92.97	92.97	6000	.0079
12000	.55	.45	50.32	-98.62	98.62	6600	.0076
12000	.60	.40	52.58	-103.06	103.06	7200	.0073
12000	.65	.35	54.11	-106.06	106.06	7800	.0069
12000	.70	.30	54.76	-107.33	107.33	8400	.0065
12000	.75	.25	54.34	-106.51	106.51	9000	.0060
12000	.80	.20	52.58	-103.06	103.06	9600	.0055
12000	.85	.15	49.05	-96.14	96.14	10200	.0048
12000	.90	.10	42.97	-84.23	84.23	10800	.0040
12000	.95	.05	32.49	-63.69	63.69	11400	.0029
13000	.05	.95	5.69	-11.16	11.16	650	.0088
13000	.10	.90	11.34	-22.24	22.24	1300	.0087
13000	.15	.85	16.91	-33.14	33.14	1950	.0087
13000	.20	.80	22.34	-43.79	43.79	2600	.0086
13000	.25	.75	27.60	-54.09	54.09	3250	.0085
13000	.30	.70	32.63	-63.95	63.95	3900	.0084

13000	.35	.65	37.38	-73.27	73.27	4550	.0082
13000	.40	.60	41.80	-81.93	81.93	5200	.0080
13000	.45	.55	45.82	-89.81	89.81	5850	.0078
13000	.50	.50	49.37	-96.77	96.77	6500	.0076
13000	.55	.45	52.37	-102.65	102.65	7150	.0073
13000	.60	.40	54.73	-107.27	107.27	7800	.0070
13000	.65	.35	56.32	-110.39	110.39	8450	.0067
13000	.70	.30	57.00	-111.71	111.71	9100	.0063
13000	.75	.25	56.56	-110.86	110.86	9750	.0058
13000	.80	.20	54.73	-107.27	107.27	10400	.0053
13000	.85	.15	51.05	-100.06	100.06	11050	.0046
13000	.90	.10	44.73	-87.67	87.67	11700	.0038
13000	.95	.05	33.82	-66.29	66.29	12350	.0027
14000	.05	.95	5.91	-11.58	11.58	700	.0084
14000	.10	.90	11.77	-23.07	23.07	1400	.0084
14000	.15	.85	17.55	-34.39	34.39	2100	.0084
14000	.20	.80	23.19	-45.44	45.44	2800	.0083
14000	.25	.75	28.64	-56.14	56.14	3500	.0082
14000	.30	.70	33.86	-66.37	66.37	4200	.0081
14000	.35	.65	38.79	-76.03	76.03	4900	.0079
14000	.40	.60	43.38	-85.02	85.02	5600	.0077
14000	.45	.55	47.55	-93.20	93.20	6300	.0075
14000	.50	.50	51.23	-100.42	100.42	7000	.0073
14000	.55	.45	54.35	-106.53	106.53	7700	.0071
14000	.60	.40	56.79	-111.32	111.32	8400	.0068
14000	.65	.35	58.45	-114.55	114.55	9100	.0064
14000	.70	.30	59.15	-115.93	115.93	9800	.0060
14000	.75	.25	58.70	-115.05	115.05	10500	.0056
14000	.80	.20	56.79	-111.32	111.32	11200	.0051
14000	.85	.15	52.98	-103.84	103.84	11900	.0045
14000	.90	.10	46.42	-90.98	90.98	12600	.0037
14000	.95	.05	35.10	-68.79	68.79	13300	.0026
15000	.05	.95	6.12	-11.99	11.99	750	.0082
15000	.10	.90	12.19	-23.88	23.88	1500	.0081
15000	.15	.85	18.16	-35.60	35.60	2250	.0081
15000	.20	.80	24.00	-47.04	47.04	3000	.0080
15000	.25	.75	29.65	-58.11	58.11	3750	.0079
15000	.30	.70	35.05	-68.70	68.70	4500	.0078
15000	.35	.65	40.15	-78.70	78.70	5250	.0076
15000	.40	.60	44.90	-88.00	88.00	6000	.0075
15000	.45	.55	49.22	-96.47	96.47	6750	.0073
15000	.50	.50	53.03	-103.94	103.94	7500	.0071
15000	.55	.45	56.26	-110.26	110.26	8250	.0068
15000	.60	.40	58.79	-115.22	115.22	9000	.0065
15000	.65	.35	60.50	-118.57	118.57	9750	.0062
15000	.70	.30	61.22	-120.00	120.00	10500	.0058
15000	.75	.25	60.76	-119.08	119.08	11250	.0054
15000	.80	.20	58.79	-115.22	115.22	12000	.0049

15000	.85	.15	54.84	-107.49	107.49	12750	.0043
15000	.90	.10	48.05	-94.17	94.17	13500	.0036
15000	.95	.05	36.33	-71.21	71.21	14250	.0025
16000	.05	.95	6.32	-12.38	12.38	800	.0079
16000	.10	.90	12.59	-24.67	24.67	1600	.0079
16000	.15	.85	18.76	-36.77	36.77	2400	.0078
16000	.20	.80	24.79	-48.58	48.58	3200	.0077
16000	.25	.75	30.62	-60.01	60.01	4000	.0077
16000	.30	.70	36.20	-70.95	70.95	4800	.0075
16000	.35	.65	41.47	-81.28	81.28	5600	.0074
16000	.40	.60	46.37	-90.89	90.89	6400	.0072
16000	.45	.55	50.83	-99.63	99.63	7200	.0071
16000	.50	.50	54.77	-107.35	107.35	8000	.0068
16000	.55	.45	58.10	-113.88	113.88	8800	.0066
16000	.60	.40	60.72	-119.00	119.00	9600	.0063
16000	.65	.35	62.48	-122.46	122.46	10400	.0060
16000	.70	.30	63.23	-123.94	123.94	11200	.0056
16000	.75	.25	62.75	-122.99	122.99	12000	.0052
16000	.80	.20	60.72	-119.00	119.00	12800	.0047
16000	.85	.15	56.64	-111.01	111.01	13600	.0042
16000	.90	.10	49.62	-97.26	97.26	14400	.0034
16000	.95	.05	37.52	-73.54	73.54	15200	.0025
17000	.05	.95	6.51	-12.76	12.76	850	.0077
17000	.10	.90	12.97	-25.43	25.43	1700	.0076
17000	.15	.85	19.34	-37.90	37.90	2550	.0076
17000	.20	.80	25.55	-50.08	50.08	3400	.0075
17000	.25	.75	31.56	-61.86	61.86	4250	.0074
17000	.30	.70	37.31	-73.13	73.13	5100	.0073
17000	.35	.65	42.75	-83.79	83.79	5950	.0072
17000	.40	.60	47.80	-93.69	93.69	6800	.0070
17000	.45	.55	52.40	-102.70	102.70	7650	.0068
17000	.50	.50	56.46	-110.66	110.66	8500	.0066
17000	.55	.45	59.89	-117.39	117.39	9350	.0064
17000	.60	.40	62.58	-122.67	122.67	10200	.0061
17000	.65	.35	64.40	-126.23	126.23	11050	.0058
17000	.70	.30	65.18	-127.75	127.75	11900	.0055
17000	.75	.25	64.68	-126.77	126.77	12750	.0051
17000	.80	.20	62.58	-122.67	122.67	13600	.0046
17000	.85	.15	58.38	-114.43	114.43	14450	.0040
17000	.90	.10	51.15	-100.25	100.25	15300	.0033
17000	.95	.05	38.68	-75.81	75.81	16150	.0024
18000	.05	.95	6.70	-13.13	13.13	900	.0074
18000	.10	.90	13.35	-26.16	26.16	1800	.0074
18000	.15	.85	19.90	-39.00	39.00	2700	.0074
18000	.20	.80	26.29	-51.53	51.53	3600	.0073
18000	.25	.75	32.48	-63.65	63.65	4500	.0072
18000	.30	.70	38.40	-75.25	75.25	5400	.0071
18000	.35	.65	43.99	-86.22	86.22	6300	.0070

18000	.40	.60	49.19	-96.40	96.40	7200	.0068
18000	.45	.55	53.92	-105.67	105.67	8100	.0067
18000	.50	.50	58.09	-113.87	113.87	9000	.0065
18000	.55	.45	61.63	-120.79	120.79	9900	.0062
18000	.60	.40	64.40	-126.22	126.22	10800	.0060
18000	.65	.35	66.27	-129.89	129.89	11700	.0057
18000	.70	.30	67.07	-131.45	131.45	12600	.0053
18000	.75	.25	66.56	-130.45	130.45	13500	.0049
18000	.80	.20	64.40	-126.22	126.22	14400	.0045
18000	.85	.15	60.07	-117.75	117.75	15300	.0039
18000	.90	.10	52.63	-103.16	103.16	16200	.0032
18000	.95	.05	39.80	-78.00	78.00	17100	.0023
19000	.05	.95	6.88	-13.49	13.49	950	.0072
19000	.10	.90	13.71	-26.88	26.88	1900	.0072
19000	.15	.85	20.44	-40.07	40.07	2850	.0072
19000	.20	.80	27.01	-52.94	52.94	3800	.0071
19000	.25	.75	33.37	-65.40	65.40	4750	.0070
19000	.30	.70	39.45	-77.32	77.32	5700	.0069
19000	.35	.65	45.19	-88.58	88.58	6650	.0068
19000	.40	.60	50.53	-99.04	99.04	7600	.0066
19000	.45	.55	55.39	-108.57	108.57	8550	.0065
19000	.50	.50	59.69	-116.99	116.99	9500	.0063
19000	.55	.45	63.32	-124.10	124.10	10450	.0061
19000	.60	.40	66.16	-129.68	129.68	11400	.0058
19000	.65	.35	68.09	-133.45	133.45	12350	.0055
19000	.70	.30	68.91	-135.06	135.06	13300	.0052
19000	.75	.25	68.38	-134.02	134.02	14250	.0048
19000	.80	.20	66.16	-129.68	129.68	15200	.0044
19000	.85	.15	61.72	-120.97	120.97	16150	.0038
19000	.90	.10	54.07	-105.99	105.99	17100	.0032
19000	.95	.05	40.89	-80.14	80.14	18050	.0023
20000	.05	.95	7.06	-13.84	13.84	1000	.0071
20000	.10	.90	14.07	-27.58	27.58	2000	.0070
20000	.15	.85	20.97	-41.11	41.11	3000	.0070
20000	.20	.80	27.71	-54.32	54.32	4000	.0069
20000	.25	.75	34.23	-67.10	67.10	5000	.0068
20000	.30	.70	40.47	-79.33	79.33	6000	.0067
20000	.35	.65	46.37	-90.88	90.88	7000	.0066
20000	.40	.60	51.85	-101.62	101.62	8000	.0065
20000	.45	.55	56.83	-111.39	111.39	9000	.0063
20000	.50	.50	61.24	-120.02	120.02	10000	.0061
20000	.55	.45	64.96	-127.32	127.32	11000	.0059
20000	.60	.40	67.88	-133.05	133.05	12000	.0057
20000	.65	.35	69.86	-136.92	136.92	13000	.0054
20000	.70	.30	70.70	-138.57	138.57	14000	.0050
20000	.75	.25	70.16	-137.51	137.51	15000	.0047
20000	.80	.20	67.88	-133.05	133.05	16000	.0042
20000	.85	.15	63.32	-124.11	124.11	17000	.0037

20000	.90	.10	55.48	-108.74	108.74	18000	.0031
20000	.95	.05	41.95	-82.22	82.22	19000	.0022
21000	.05	.95	7.24	-14.18	14.18	1050	.0069
21000	.10	.90	14.42	-28.26	28.26	2100	.0069
21000	.15	.85	21.49	-42.12	42.12	3150	.0068
21000	.20	.80	28.40	-55.66	55.66	4200	.0068
21000	.25	.75	35.08	-68.75	68.75	5250	.0067
21000	.30	.70	41.47	-81.28	81.28	6300	.0066
21000	.35	.65	47.51	-93.12	93.12	7350	.0065
21000	.40	.60	53.13	-104.13	104.13	8400	.0063
21000	.45	.55	58.24	-114.14	114.14	9450	.0062
21000	.50	.50	62.75	-122.99	122.99	10500	.0060
21000	.55	.45	66.56	-130.47	130.47	11550	.0058
21000	.60	.40	69.56	-136.33	136.33	12600	.0055
21000	.65	.35	71.58	-140.30	140.30	13650	.0052
21000	.70	.30	72.44	-141.99	141.99	14700	.0049
21000	.75	.25	71.89	-140.90	140.90	15750	.0046
21000	.80	.20	69.56	-136.33	136.33	16800	.0041
21000	.85	.15	64.89	-127.18	127.18	17850	.0036
21000	.90	.10	56.85	-111.43	111.43	18900	.0030
21000	.95	.05	42.99	-84.25	84.25	19950	.0022
22000	.05	.95	7.41	-14.52	14.52	1100	.0067
22000	.10	.90	14.76	-28.93	28.93	2200	.0067
22000	.15	.85	22.00	-43.11	43.11	3300	.0067
22000	.20	.80	29.07	-56.97	56.97	4400	.0066
22000	.25	.75	35.90	-70.37	70.37	5500	.0065
22000	.30	.70	42.45	-83.20	83.20	6600	.0064
22000	.35	.65	48.63	-95.31	95.31	7700	.0063
22000	.40	.60	54.38	-106.58	106.58	8800	.0062
22000	.45	.55	59.61	-116.83	116.83	9900	.0060
22000	.50	.50	64.23	-125.88	125.88	11000	.0058
22000	.55	.45	68.13	-133.54	133.54	12100	.0056
22000	.60	.40	71.20	-139.54	139.54	13200	.0054
22000	.65	.35	73.27	-143.60	143.60	14300	.0051
22000	.70	.30	74.15	-145.33	145.33	15400	.0048
22000	.75	.25	73.58	-144.22	144.22	16500	.0045
22000	.80	.20	71.20	-139.54	139.54	17600	.0040
22000	.85	.15	66.41	-130.17	130.17	18700	.0036
22000	.90	.10	58.19	-114.05	114.05	19800	.0029
22000	.95	.05	44.00	-86.24	86.24	20900	.0021
23000	.05	.95	7.57	-14.84	14.84	1150	.0066
23000	.10	.90	15.09	-29.58	29.58	2300	.0066
23000	.15	.85	22.49	-44.08	44.08	3450	.0065
23000	.20	.80	29.72	-58.25	58.25	4600	.0065
23000	.25	.75	36.71	-71.95	71.95	5750	.0064
23000	.30	.70	43.40	-85.07	85.07	6900	.0063
23000	.35	.65	49.72	-97.46	97.46	8050	.0062
23000	.40	.60	55.60	-108.97	108.97	9200	.0060

23000	.45	.55	60.95	-119.45	119.45	10350	.0059
23000	.50	.50	65.67	-128.71	128.71	11500	.0057
23000	.55	.45	69.66	-136.54	136.54	12650	.0055
23000	.60	.40	72.80	-142.68	142.68	13800	.0053
23000	.65	.35	74.91	-146.83	146.83	14950	.0050
23000	.70	.30	75.81	-148.59	148.59	16100	.0047
23000	.75	.25	75.23	-147.46	147.46	17250	.0044
23000	.80	.20	72.80	-142.68	142.68	18400	.0040
23000	.85	.15	67.91	-133.10	133.10	19550	.0035
23000	.90	.10	59.50	-116.61	116.61	20700	.0029
23000	.95	.05	44.99	-88.18	88.18	21850	.0021
24000	.05	.95	7.74	-15.16	15.16	1200	.0064
24000	.10	.90	15.41	-30.21	30.21	2400	.0064
24000	.15	.85	22.97	-45.03	45.03	3600	.0064
24000	.20	.80	30.36	-59.50	59.50	4800	.0063
24000	.25	.75	37.50	-73.50	73.50	6000	.0063
24000	.30	.70	44.34	-86.90	86.90	7200	.0062
24000	.35	.65	50.79	-99.55	99.55	8400	.0060
24000	.40	.60	56.79	-111.32	111.32	9600	.0059
24000	.45	.55	62.26	-122.02	122.02	10800	.0058
24000	.50	.50	67.08	-131.48	131.48	12000	.0056
24000	.55	.45	71.16	-139.48	139.48	13200	.0054
24000	.60	.40	74.36	-145.75	145.75	14400	.0052
24000	.65	.35	76.52	-149.99	149.99	15600	.0049
24000	.70	.30	77.44	-151.79	151.79	16800	.0046
24000	.75	.25	76.85	-150.63	150.63	18000	.0043
24000	.80	.20	74.36	-145.75	145.75	19200	.0039
24000	.85	.15	69.37	-135.96	135.96	20400	.0034
24000	.90	.10	60.77	-119.12	119.12	21600	.0028
24000	.95	.05	45.95	-90.07	90.07	22800	.0020
25000	.05	.95	7.90	-15.48	15.48	1250	.0063
25000	.10	.90	15.73	-30.83	30.83	2500	.0063
25000	.15	.85	23.45	-45.96	45.96	3750	.0063
25000	.20	.80	30.98	-60.73	60.73	5000	.0062
25000	.25	.75	38.27	-75.02	75.02	6250	.0061
25000	.30	.70	45.25	-88.69	88.69	7500	.0060
25000	.35	.65	51.84	-101.61	101.61	8750	.0059
25000	.40	.60	57.97	-113.61	113.61	10000	.0058
25000	.45	.55	63.54	-124.54	124.54	11250	.0056
25000	.50	.50	68.47	-134.19	134.19	12500	.0055
25000	.55	.45	72.63	-142.35	142.35	13750	.0053
25000	.60	.40	75.89	-148.75	148.75	15000	.0051
25000	.65	.35	78.10	-153.08	153.08	16250	.0048
25000	.70	.30	79.04	-154.92	154.92	17500	.0045
25000	.75	.25	78.44	-153.74	153.74	18750	.0042
25000	.80	.20	75.89	-148.75	148.75	20000	.0038
25000	.85	.15	70.80	-138.76	138.76	21250	.0033
25000	.90	.10	62.03	-121.58	121.58	22500	.0028

25000	.95	.05	46.90	-91.93	91.93	23750	.0020
26000	.05	.95	8.05	-15.78	15.78	1300	.0062
26000	.10	.90	16.04	-31.45	31.45	2600	.0062
26000	.15	.85	23.91	-46.87	46.87	3900	.0061
26000	.20	.80	31.60	-61.93	61.93	5200	.0061
26000	.25	.75	39.03	-76.50	76.50	6500	.0060
26000	.30	.70	46.15	-90.45	90.45	7800	.0059
26000	.35	.65	52.87	-103.62	103.62	9100	.0058
26000	.40	.60	59.11	-115.86	115.86	10400	.0057
26000	.45	.55	64.80	-127.00	127.00	11700	.0055
26000	.50	.50	69.82	-136.85	136.85	13000	.0054
26000	.55	.45	74.07	-145.17	145.17	14300	.0052
26000	.60	.40	77.40	-151.70	151.70	15600	.0050
26000	.65	.35	79.65	-156.11	156.11	16900	.0047
26000	.70	.30	80.61	-157.99	157.99	18200	.0044
26000	.75	.25	79.99	-156.78	156.78	19500	.0041
26000	.80	.20	77.40	-151.70	151.70	20800	.0037
26000	.85	.15	72.20	-141.51	141.51	22100	.0033
26000	.90	.10	63.26	-123.98	123.98	23400	.0027
26000	.95	.05	47.83	-93.75	93.75	24700	.0019
27000	.05	.95	8.21	-16.08	16.08	1350	.0061
27000	.10	.90	16.35	-32.04	32.04	2700	.0061
27000	.15	.85	24.37	-47.76	47.76	4050	.0060
27000	.20	.80	32.20	-63.11	63.11	5400	.0060
27000	.25	.75	39.77	-77.96	77.96	6750	.0059
27000	.30	.70	47.02	-92.17	92.17	8100	.0058
27000	.35	.65	53.87	-105.59	105.59	9450	.0057
27000	.40	.60	60.24	-118.07	118.07	10800	.0056
27000	.45	.55	66.03	-129.42	129.42	12150	.0054
27000	.50	.50	71.15	-139.46	139.46	13500	.0053
27000	.55	.45	75.48	-147.94	147.94	14850	.0051
27000	.60	.40	78.87	-154.59	154.59	16200	.0049
27000	.65	.35	81.17	-159.08	159.08	17550	.0046
27000	.70	.30	82.14	-161.00	161.00	18900	.0043
27000	.75	.25	81.51	-159.77	159.77	20250	.0040
27000	.80	.20	78.87	-154.59	154.59	21600	.0037
27000	.85	.15	73.58	-144.21	144.21	22950	.0032
27000	.90	.10	64.46	-126.34	126.34	24300	.0027
27000	.95	.05	48.74	-95.54	95.54	25650	.0019
28000	.05	.95	8.36	-16.38	16.38	1400	.0060
28000	.10	.90	16.65	-32.63	32.63	2800	.0059
28000	.15	.85	24.82	-48.64	48.64	4200	.0059
28000	.20	.80	32.79	-64.27	64.27	5600	.0059
28000	.25	.75	40.50	-79.39	79.39	7000	.0058
28000	.30	.70	47.89	-93.86	93.86	8400	.0057
28000	.35	.65	54.86	-107.53	107.53	9800	.0056
28000	.40	.60	61.34	-120.24	120.24	11200	.0055
28000	.45	.55	67.24	-131.80	131.80	12600	.0053

28000	.50	.50	72.46	-142.02	142.02	14000	.0052
28000	.55	.45	76.86	-150.65	150.65	15400	.0050
28000	.60	.40	80.32	-157.43	157.43	16800	.0048
28000	.65	.35	82.65	-162.00	162.00	18200	.0045
28000	.70	.30	83.65	-163.95	163.95	19600	.0043
28000	.75	.25	83.01	-162.70	162.70	21000	.0040
28000	.80	.20	80.32	-157.43	157.43	22400	.0036
28000	.85	.15	74.93	-146.85	146.85	23800	.0031
28000	.90	.10	65.64	-128.66	128.66	25200	.0026
28000	.95	.05	49.64	-97.29	97.29	26600	.0019
29000	.05	.95	8.50	-16.67	16.67	1450	.0059
29000	.10	.90	16.94	-33.21	33.21	2900	.0058
29000	.15	.85	25.26	-49.50	49.50	4350	.0058
29000	.20	.80	33.37	-65.41	65.41	5800	.0058
29000	.25	.75	41.22	-80.79	80.79	7250	.0057
29000	.30	.70	48.73	-95.52	95.52	8700	.0056
29000	.35	.65	55.83	-109.43	109.43	10150	.0055
29000	.40	.60	62.43	-122.36	122.36	11600	.0054
29000	.45	.55	68.43	-134.13	134.13	13050	.0052
29000	.50	.50	73.74	-144.53	144.53	14500	.0051
29000	.55	.45	78.22	-153.32	153.32	15950	.0049
29000	.60	.40	81.74	-160.21	160.21	17400	.0047
29000	.65	.35	84.12	-164.87	164.87	18850	.0045
29000	.70	.30	85.13	-166.85	166.85	20300	.0042
29000	.75	.25	84.48	-165.58	165.58	21750	.0039
29000	.80	.20	81.74	-160.21	160.21	23200	.0035
29000	.85	.15	76.25	-149.45	149.45	24650	.0031
29000	.90	.10	66.81	-130.94	130.94	26100	.0026
29000	.95	.05	50.52	-99.01	99.01	27550	.0018
30000	.05	.95	8.65	-16.95	16.95	1500	.0058
30000	.10	.90	17.23	-33.78	33.78	3000	.0057
30000	.15	.85	25.69	-50.35	50.35	4500	.0057
30000	.20	.80	33.94	-66.52	66.52	6000	.0057
30000	.25	.75	41.93	-82.18	82.18	7500	.0056
30000	.30	.70	49.57	-97.15	97.15	9000	.0055
30000	.35	.65	56.79	-111.30	111.30	10500	.0054
30000	.40	.60	63.50	-124.46	124.46	12000	.0053
30000	.45	.55	69.60	-136.43	136.43	13500	.0052
30000	.50	.50	75.00	-147.00	147.00	15000	.0050
30000	.55	.45	79.56	-155.94	155.94	16500	.0048
30000	.60	.40	83.14	-162.95	162.95	18000	.0046
30000	.65	.35	85.56	-167.69	167.69	19500	.0044
30000	.70	.30	86.59	-169.71	169.71	21000	.0041
30000	.75	.25	85.92	-168.41	168.41	22500	.0038
30000	.80	.20	83.14	-162.95	162.95	24000	.0035
30000	.85	.15	77.56	-152.01	152.01	25500	.0030
30000	.90	.10	67.95	-133.18	133.18	27000	.0025
30000	.95	.05	51.38	-100.70	100.70	28500	.0018

31000	.05	.95	8.79	-17.23	17.23	1550	.0057
31000	.10	.90	17.52	-34.34	34.34	3100	.0057
31000	.15	.85	26.11	-51.18	51.18	4650	.0056
31000	.20	.80	34.50	-67.62	67.62	6200	.0056
31000	.25	.75	42.62	-83.53	83.53	7750	.0055
31000	.30	.70	50.39	-98.76	98.76	9300	.0054
31000	.35	.65	57.73	-113.14	113.14	10850	.0053
31000	.40	.60	64.55	-126.51	126.51	12400	.0052
31000	.45	.55	70.76	-138.68	138.68	13950	.0051
31000	.50	.50	76.24	-149.43	149.43	15500	.0049
31000	.55	.45	80.88	-158.52	158.52	17050	.0047
31000	.60	.40	84.51	-165.64	165.64	18600	.0045
31000	.65	.35	86.97	-170.46	170.46	20150	.0043
31000	.70	.30	88.02	-172.51	172.51	21700	.0041
31000	.75	.25	87.34	-171.19	171.19	23250	.0038
31000	.80	.20	84.51	-165.64	165.64	24800	.0034
31000	.85	.15	78.84	-154.52	154.52	26350	.0030
31000	.90	.10	69.07	-135.38	135.38	27900	.0025
31000	.95	.05	52.23	-102.37	102.37	29450	.0018
32000	.05	.95	8.93	-17.51	17.51	1600	.0056
32000	.10	.90	17.80	-34.89	34.89	3200	.0056
32000	.15	.85	26.53	-52.00	52.00	4800	.0055
32000	.20	.80	35.05	-68.71	68.71	6400	.0055
32000	.25	.75	43.30	-84.87	84.87	8000	.0054
32000	.30	.70	51.19	-100.34	100.34	9600	.0053
32000	.35	.65	58.65	-114.95	114.95	11200	.0052
32000	.40	.60	65.58	-128.54	128.54	12800	.0051
32000	.45	.55	71.89	-140.90	140.90	14400	.0050
32000	.50	.50	77.46	-151.82	151.82	16000	.0048
32000	.55	.45	82.17	-161.05	161.05	17600	.0047
32000	.60	.40	85.87	-168.30	168.30	19200	.0045
32000	.65	.35	88.36	-173.19	173.19	20800	.0042
32000	.70	.30	89.42	-175.27	175.27	22400	.0040
32000	.75	.25	88.74	-173.93	173.93	24000	.0037
32000	.80	.20	85.87	-168.30	168.30	25600	.0034
32000	.85	.15	80.10	-156.99	156.99	27200	.0029
32000	.90	.10	70.18	-137.55	137.55	28800	.0024
32000	.95	.05	53.06	-104.01	104.01	30400	.0017
33000	.05	.95	9.07	-17.78	17.78	1650	.0055
33000	.10	.90	18.07	-35.43	35.43	3300	.0055
33000	.15	.85	26.94	-52.80	52.80	4950	.0054
33000	.20	.80	35.60	-69.77	69.77	6600	.0054
33000	.25	.75	43.97	-86.19	86.19	8250	.0053
33000	.30	.70	51.99	-101.90	101.90	9900	.0053
33000	.35	.65	59.56	-116.74	116.74	11550	.0052
33000	.40	.60	66.60	-130.53	130.53	13200	.0050
33000	.45	.55	73.00	-143.08	143.08	14850	.0049
33000	.50	.50	78.66	-154.17	154.17	16500	.0048

33000	.55	.45	83.44	-163.55	163.55	18150	.0046
33000	.60	.40	87.20	-170.90	170.90	19800	.0044
33000	.65	.35	89.73	-175.87	175.87	21450	.0042
33000	.70	.30	90.81	-177.99	177.99	23100	.0039
33000	.75	.25	90.12	-176.63	176.63	24750	.0036
33000	.80	.20	87.20	-170.90	170.90	26400	.0033
33000	.85	.15	81.34	-159.43	159.43	28050	.0029
33000	.90	.10	71.26	-139.68	139.68	29700	.0024
33000	.95	.05	53.89	-105.62	105.62	31350	.0017
34000	.05	.95	9.21	-18.05	18.05	1700	.0054
34000	.10	.90	18.35	-35.96	35.96	3400	.0054
34000	.15	.85	27.35	-53.60	53.60	5100	.0054
34000	.20	.80	36.13	-70.82	70.82	6800	.0053
34000	.25	.75	44.63	-87.48	87.48	8500	.0053
34000	.30	.70	52.77	-103.43	103.43	10200	.0052
34000	.35	.65	60.45	-118.49	118.49	11900	.0051
34000	.40	.60	67.60	-132.49	132.49	13600	.0050
34000	.45	.55	74.10	-145.24	145.24	15300	.0048
34000	.50	.50	79.84	-156.49	156.49	17000	.0047
34000	.55	.45	84.70	-166.01	166.01	18700	.0045
34000	.60	.40	88.51	-173.47	173.47	20400	.0043
34000	.65	.35	91.08	-178.52	178.52	22100	.0041
34000	.70	.30	92.18	-180.67	180.67	23800	.0039
34000	.75	.25	91.47	-179.29	179.29	25500	.0036
34000	.80	.20	88.51	-173.47	173.47	27200	.0033
34000	.85	.15	82.56	-161.83	161.83	28900	.0029
34000	.90	.10	72.34	-141.78	141.78	30600	.0024
34000	.95	.05	54.70	-107.21	107.21	32300	.0017
35000	.05	.95	9.34	-18.31	18.31	1750	.0053
35000	.10	.90	18.61	-36.48	36.48	3500	.0053
35000	.15	.85	27.74	-54.38	54.38	5250	.0053
35000	.20	.80	36.66	-71.85	71.85	7000	.0052
35000	.25	.75	45.29	-88.76	88.76	8750	.0052
35000	.30	.70	53.54	-104.94	104.94	10500	.0051
35000	.35	.65	61.34	-120.22	120.22	12250	.0050
35000	.40	.60	68.59	-134.43	134.43	14000	.0049
35000	.45	.55	75.18	-147.36	147.36	15750	.0048
35000	.50	.50	81.01	-158.78	158.78	17500	.0046
35000	.55	.45	85.93	-168.43	168.43	19250	.0045
35000	.60	.40	89.80	-176.01	176.01	21000	.0043
35000	.65	.35	92.41	-181.13	181.13	22750	.0041
35000	.70	.30	93.52	-183.30	183.30	24500	.0038
35000	.75	.25	92.81	-181.90	181.90	26250	.0035
35000	.80	.20	89.80	-176.01	176.01	28000	.0032
35000	.85	.15	83.77	-164.19	164.19	29750	.0028
35000	.90	.10	73.39	-143.85	143.85	31500	.0023
35000	.95	.05	55.50	-108.77	108.77	33250	.0017
36000	.05	.95	9.47	-18.57	18.57	1800	.0053

36000	.10	.90	18.88	-37.00	37.00	3600	.0052
36000	.15	.85	28.14	-55.15	55.15	5400	.0052
36000	.20	.80	37.18	-72.87	72.87	7200	.0052
36000	.25	.75	45.93	-90.02	90.02	9000	.0051
36000	.30	.70	54.30	-106.43	106.43	10800	.0050
36000	.35	.65	62.21	-121.93	121.93	12600	.0049
36000	.40	.60	69.56	-136.33	136.33	14400	.0048
36000	.45	.55	76.25	-149.45	149.45	16200	.0047
36000	.50	.50	82.16	-161.03	161.03	18000	.0046
36000	.55	.45	87.15	-170.82	170.82	19800	.0044
36000	.60	.40	91.07	-178.50	178.50	21600	.0042
36000	.65	.35	93.72	-183.69	183.69	23400	.0040
36000	.70	.30	94.85	-185.90	185.90	25200	.0038
36000	.75	.25	94.12	-184.48	184.48	27000	.0035
36000	.80	.20	91.07	-178.50	178.50	28800	.0032
36000	.85	.15	84.96	-166.52	166.52	30600	.0028
36000	.90	.10	74.43	-145.89	145.89	32400	.0023
36000	.95	.05	56.28	-110.31	110.31	34200	.0016
37000	.05	.95	9.61	-18.83	18.83	1850	.0052
37000	.10	.90	19.14	-37.51	37.51	3700	.0052
37000	.15	.85	28.53	-55.91	55.91	5550	.0051
37000	.20	.80	37.69	-73.88	73.88	7400	.0051
37000	.25	.75	46.56	-91.26	91.26	9250	.0050
37000	.30	.70	55.05	-107.89	107.89	11100	.0050
37000	.35	.65	63.07	-123.61	123.61	12950	.0049
37000	.40	.60	70.52	-138.22	138.22	14800	.0048
37000	.45	.55	77.30	-151.51	151.51	16650	.0046
37000	.50	.50	83.29	-163.25	163.25	18500	.0045
37000	.55	.45	88.36	-173.18	173.18	20350	.0043
37000	.60	.40	92.33	-180.97	180.97	22200	.0042
37000	.65	.35	95.01	-186.23	186.23	24050	.0040
37000	.70	.30	96.16	-188.47	188.47	25900	.0037
37000	.75	.25	95.42	-187.03	187.03	27750	.0034
37000	.80	.20	92.33	-180.97	180.97	29600	.0031
37000	.85	.15	86.13	-168.81	168.81	31450	.0027
37000	.90	.10	75.46	-147.90	147.90	33300	.0023
37000	.95	.05	57.06	-111.84	111.84	35150	.0016
38000	.05	.95	9.73	-19.08	19.08	1900	.0051
38000	.10	.90	19.40	-38.02	38.02	3800	.0051
38000	.15	.85	28.91	-56.66	56.66	5700	.0051
38000	.20	.80	38.20	-74.87	74.87	7600	.0050
38000	.25	.75	47.19	-92.49	92.49	9500	.0050
38000	.30	.70	55.79	-109.34	109.34	11400	.0049
38000	.35	.65	63.91	-125.27	125.27	13300	.0048
38000	.40	.60	71.46	-140.07	140.07	15200	.0047
38000	.45	.55	78.34	-153.54	153.54	17100	.0046
38000	.50	.50	84.41	-165.44	165.44	19000	.0044
38000	.55	.45	89.54	-175.50	175.50	20900	.0043

38000	.60	.40	93.57	-183.40	183.40	22800	.0041
38000	.65	.35	96.29	-188.73	188.73	24700	.0039
38000	.70	.30	97.45	-191.00	191.00	26600	.0037
38000	.75	.25	96.70	-189.54	189.54	28500	.0034
38000	.80	.20	93.57	-183.40	183.40	30400	.0031
38000	.85	.15	87.29	-171.08	171.08	32300	.0027
38000	.90	.10	76.47	-149.89	149.89	34200	.0022
38000	.95	.05	57.83	-113.34	113.34	36100	.0016
39000	.05	.95	9.86	-19.33	19.33	1950	.0051
39000	.10	.90	19.65	-38.51	38.51	3900	.0050
39000	.15	.85	29.29	-57.40	57.40	5850	.0050
39000	.20	.80	38.70	-75.85	75.85	7800	.0050
39000	.25	.75	47.80	-93.69	93.69	9750	.0049
39000	.30	.70	56.52	-110.77	110.77	11700	.0048
39000	.35	.65	64.75	-126.91	126.91	13650	.0047
39000	.40	.60	72.40	-141.90	141.90	15600	.0046
39000	.45	.55	79.36	-155.55	155.55	17550	.0045
39000	.50	.50	85.51	-167.61	167.61	19500	.0044
39000	.55	.45	90.71	-177.80	177.80	21450	.0042
39000	.60	.40	94.79	-185.79	185.79	23400	.0041
39000	.65	.35	97.55	-191.20	191.20	25350	.0038
39000	.70	.30	98.72	-193.50	193.50	27300	.0036
39000	.75	.25	97.97	-192.02	192.02	29250	.0033
39000	.80	.20	94.79	-185.79	185.79	31200	.0030
39000	.85	.15	88.43	-173.32	173.32	33150	.0027
39000	.90	.10	77.47	-151.85	151.85	35100	.0022
39000	.95	.05	58.58	-114.82	114.82	37050	.0016
40000	.05	.95	9.99	-19.58	19.58	2000	.0050
40000	.10	.90	19.90	-39.00	39.00	4000	.0050
40000	.15	.85	29.66	-58.13	58.13	6000	.0049
40000	.20	.80	39.19	-76.82	76.82	8000	.0049
40000	.25	.75	48.41	-94.89	94.89	10000	.0048
40000	.30	.70	57.24	-112.18	112.18	12000	.0048
40000	.35	.65	65.57	-128.52	128.52	14000	.0047
40000	.40	.60	73.32	-143.71	143.71	16000	.0046
40000	.45	.55	80.37	-157.53	157.53	18000	.0045
40000	.50	.50	86.60	-169.74	169.74	20000	.0043
40000	.55	.45	91.87	-180.06	180.06	22000	.0042
40000	.60	.40	96.00	-188.16	188.16	24000	.0040
40000	.65	.35	98.79	-193.63	193.63	26000	.0038
40000	.70	.30	99.98	-195.96	195.96	28000	.0036
40000	.75	.25	99.22	-194.46	194.46	30000	.0033
40000	.80	.20	96.00	-188.16	188.16	32000	.0030
40000	.85	.15	89.55	-175.52	175.52	34000	.0026
40000	.90	.10	78.46	-153.78	153.78	36000	.0022
40000	.95	.05	59.33	-116.28	116.28	38000	.0016
41000	.05	.95	10.11	-19.82	19.82	2050	.0049
41000	.10	.90	20.15	-39.49	39.49	4100	.0049

41000	.15	.85	30.03	-58.86	58.86	6150	.0049
41000	.20	.80	39.68	-77.77	77.77	8200	.0048
41000	.25	.75	49.01	-96.07	96.07	10250	.0048
41000	.30	.70	57.95	-113.58	113.58	12300	.0047
41000	.35	.65	66.39	-130.12	130.12	14350	.0046
41000	.40	.60	74.23	-145.49	145.49	16400	.0045
41000	.45	.55	81.37	-159.49	159.49	18450	.0044
41000	.50	.50	87.68	-171.85	171.85	20500	.0043
41000	.55	.45	93.01	-182.30	182.30	22550	.0041
41000	.60	.40	97.19	-190.50	190.50	24600	.0040
41000	.65	.35	100.02	-196.04	196.04	26650	.0038
41000	.70	.30	101.22	-198.40	198.40	28700	.0035
41000	.75	.25	100.45	-196.88	196.88	30750	.0033
41000	.80	.20	97.19	-190.50	190.50	32800	.0030
41000	.85	.15	90.67	-177.70	177.70	34850	.0026
41000	.90	.10	79.43	-155.69	155.69	36900	.0022
41000	.95	.05	60.06	-117.73	117.73	38950	.0015
42000	.05	.95	10.23	-20.06	20.06	2100	.0049
42000	.10	.90	20.39	-39.97	39.97	4200	.0049
42000	.15	.85	30.39	-59.57	59.57	6300	.0048
42000	.20	.80	40.16	-78.71	78.71	8400	.0048
42000	.25	.75	49.61	-97.23	97.23	10500	.0047
42000	.30	.70	58.65	-114.95	114.95	12600	.0047
42000	.35	.65	67.19	-131.70	131.70	14700	.0046
42000	.40	.60	75.13	-147.26	147.26	16800	.0045
42000	.45	.55	82.36	-161.42	161.42	18900	.0044
42000	.50	.50	88.74	-173.93	173.93	21000	.0042
42000	.55	.45	94.14	-184.51	184.51	23100	.0041
42000	.60	.40	98.37	-192.81	192.81	25200	.0039
42000	.65	.35	101.23	-198.41	198.41	27300	.0037
42000	.70	.30	102.45	-200.80	200.80	29400	.0035
42000	.75	.25	101.67	-199.26	199.26	31500	.0032
42000	.80	.20	98.37	-192.81	192.81	33600	.0029
42000	.85	.15	91.76	-179.86	179.86	35700	.0026
42000	.90	.10	80.40	-157.58	157.58	37800	.0021
42000	.95	.05	60.79	-119.15	119.15	39900	.0015
43000	.05	.95	10.36	-20.30	20.30	2150	.0048
43000	.10	.90	20.63	-40.44	40.44	4300	.0048
43000	.15	.85	30.75	-60.28	60.28	6450	.0048
43000	.20	.80	40.63	-79.64	79.64	8600	.0047
43000	.25	.75	50.19	-98.38	98.38	10750	.0047
43000	.30	.70	59.34	-116.31	116.31	12900	.0046
43000	.35	.65	67.99	-133.25	133.25	15050	.0045
43000	.40	.60	76.02	-149.00	149.00	17200	.0044
43000	.45	.55	83.33	-163.33	163.33	19350	.0043
43000	.50	.50	89.79	-175.99	175.99	21500	.0042
43000	.55	.45	95.25	-186.69	186.69	23650	.0040
43000	.60	.40	99.53	-195.09	195.09	25800	.0039

43000	.65	.35	102.43	-200.76	200.76	27950	.0037
43000	.70	.30	103.66	-203.18	203.18	30100	.0034
43000	.75	.25	102.87	-201.62	201.62	32250	.0032
43000	.80	.20	99.53	-195.09	195.09	34400	.0029
43000	.85	.15	92.85	-181.99	181.99	36550	.0025
43000	.90	.10	81.35	-159.44	159.44	38700	.0021
43000	.95	.05	61.51	-120.56	120.56	40850	.0015
44000	.05	.95	10.47	-20.53	20.53	2200	.0048
44000	.10	.90	20.87	-40.91	40.91	4400	.0047
44000	.15	.85	31.11	-60.97	60.97	6600	.0047
44000	.20	.80	41.10	-80.57	80.57	8800	.0047
44000	.25	.75	50.78	-99.52	99.52	11000	.0046
44000	.30	.70	60.03	-117.66	117.66	13200	.0045
44000	.35	.65	68.77	-134.80	134.80	15400	.0045
44000	.40	.60	76.90	-150.72	150.72	17600	.0044
44000	.45	.55	84.30	-165.22	165.22	19800	.0043
44000	.50	.50	90.83	-178.03	178.03	22000	.0041
44000	.55	.45	96.35	-188.85	188.85	24200	.0040
44000	.60	.40	100.69	-197.34	197.34	26400	.0038
44000	.65	.35	103.61	-203.08	203.08	28600	.0036
44000	.70	.30	104.86	-205.53	205.53	30800	.0034
44000	.75	.25	104.06	-203.95	203.95	33000	.0032
44000	.80	.20	100.69	-197.34	197.34	35200	.0029
44000	.85	.15	93.92	-184.09	184.09	37400	.0025
44000	.90	.10	82.29	-161.29	161.29	39600	.0021
44000	.95	.05	62.22	-121.96	121.96	41800	.0015
45000	.05	.95	10.59	-20.76	20.76	2250	.0047
45000	.10	.90	21.11	-41.37	41.37	4500	.0047
45000	.15	.85	31.46	-61.66	61.66	6750	.0047
45000	.20	.80	41.57	-81.48	81.48	9000	.0046
45000	.25	.75	51.35	-100.64	100.64	11250	.0046
45000	.30	.70	60.71	-118.99	118.99	13500	.0045
45000	.35	.65	69.55	-136.32	136.32	15750	.0044
45000	.40	.60	77.77	-152.43	152.43	18000	.0043
45000	.45	.55	85.25	-167.09	167.09	20250	.0042
45000	.50	.50	91.86	-180.04	180.04	22500	.0041
45000	.55	.45	97.44	-190.98	190.98	24750	.0039
45000	.60	.40	101.82	-199.57	199.57	27000	.0038
45000	.65	.35	104.78	-205.38	205.38	29250	.0036
45000	.70	.30	106.04	-207.85	207.85	31500	.0034
45000	.75	.25	105.23	-206.26	206.26	33750	.0031
45000	.80	.20	101.82	-199.57	199.57	36000	.0028
45000	.85	.15	94.99	-186.17	186.17	38250	.0025
45000	.90	.10	83.22	-163.11	163.11	40500	.0021
45000	.95	.05	62.93	-123.34	123.34	42750	.0015
46000	.05	.95	10.71	-20.99	20.99	2300	.0047
46000	.10	.90	21.34	-41.83	41.83	4600	.0046
46000	.15	.85	31.81	-62.34	62.34	6900	.0046

46000	.20	.80	42.03	-82.38	82.38	9200	.0046
46000	.25	.75	51.92	-101.76	101.76	11500	.0045
46000	.30	.70	61.38	-120.30	120.30	13800	.0044
46000	.35	.65	70.32	-137.82	137.82	16100	.0044
46000	.40	.60	78.63	-154.11	154.11	18400	.0043
46000	.45	.55	86.19	-168.93	168.93	20700	.0042
46000	.50	.50	92.87	-182.03	182.03	23000	.0040
46000	.55	.45	98.52	-193.09	193.09	25300	.0039
46000	.60	.40	102.95	-201.78	201.78	27600	.0037
46000	.65	.35	105.94	-207.65	207.65	29900	.0035
46000	.70	.30	107.22	-210.14	210.14	32200	.0033
46000	.75	.25	106.40	-208.54	208.54	34500	.0031
46000	.80	.20	102.95	-201.78	201.78	36800	.0028
46000	.85	.15	96.03	-188.23	188.23	39100	.0025
46000	.90	.10	84.14	-164.91	164.91	41400	.0020
46000	.95	.05	63.62	-124.70	124.70	43700	.0015
47000	.05	.95	10.83	-21.22	21.22	2350	.0046
47000	.10	.90	21.57	-42.28	42.28	4700	.0046
47000	.15	.85	32.15	-63.02	63.02	7050	.0046
47000	.20	.80	42.48	-83.27	83.27	9400	.0045
47000	.25	.75	52.48	-102.86	102.86	11750	.0045
47000	.30	.70	62.04	-121.60	121.60	14100	.0044
47000	.35	.65	71.08	-139.31	139.31	16450	.0043
47000	.40	.60	79.48	-155.78	155.78	18800	.0042
47000	.45	.55	87.12	-170.76	170.76	21150	.0041
47000	.50	.50	93.87	-183.99	183.99	23500	.0040
47000	.55	.45	99.58	-195.18	195.18	25850	.0039
47000	.60	.40	104.06	-203.96	203.96	28200	.0037
47000	.65	.35	107.09	-209.89	209.89	30550	.0035
47000	.70	.30	108.38	-212.42	212.42	32900	.0033
47000	.75	.25	107.55	-210.79	210.79	35250	.0031
47000	.80	.20	104.06	-203.96	203.96	37600	.0028
47000	.85	.15	97.07	-190.26	190.26	39950	.0024
47000	.90	.10	85.05	-166.70	166.70	42300	.0020
47000	.95	.05	64.31	-126.05	126.05	44650	.0014
48000	.05	.95	10.94	-21.44	21.44	2400	.0046
48000	.10	.90	21.80	-42.73	42.73	4800	.0045
48000	.15	.85	32.49	-63.68	63.68	7200	.0045
48000	.20	.80	42.93	-84.15	84.15	9600	.0045
48000	.25	.75	53.03	-103.94	103.94	12000	.0044
48000	.30	.70	62.70	-122.89	122.89	14400	.0044
48000	.35	.65	71.83	-140.79	140.79	16800	.0043
48000	.40	.60	80.32	-157.43	157.43	19200	.0042
48000	.45	.55	88.04	-172.57	172.57	21600	.0041
48000	.50	.50	94.87	-185.94	185.94	24000	.0040
48000	.55	.45	100.64	-197.25	197.25	26400	.0038
48000	.60	.40	105.16	-206.12	206.12	28800	.0037
48000	.65	.35	108.22	-212.11	212.11	31200	.0035

48000	.70	.30	109.52	-214.66	214.66	33600	.0033
48000	.75	.25	108.69	-213.02	213.02	36000	.0030
48000	.80	.20	105.16	-206.12	206.12	38400	.0027
48000	.85	.15	98.10	-192.28	192.28	40800	.0024
48000	.90	.10	85.95	-168.46	168.46	43200	.0020
48000	.95	.05	64.99	-127.38	127.38	45600	.0014
49000	.05	.95	11.05	-21.67	21.67	2450	.0045
49000	.10	.90	22.02	-43.17	43.17	4900	.0045
49000	.15	.85	32.83	-64.34	64.34	7350	.0045
49000	.20	.80	43.38	-85.02	85.02	9800	.0044
49000	.25	.75	53.58	-105.02	105.02	12250	.0044
49000	.30	.70	63.35	-124.16	124.16	14700	.0043
49000	.35	.65	72.58	-142.25	142.25	17150	.0042
49000	.40	.60	81.15	-159.06	159.06	19600	.0041
49000	.45	.55	88.96	-174.35	174.35	22050	.0040
49000	.50	.50	95.85	-187.87	187.87	24500	.0039
49000	.55	.45	101.68	-199.29	199.29	26950	.0038
49000	.60	.40	106.25	-208.25	208.25	29400	.0036
49000	.65	.35	109.34	-214.31	214.31	31850	.0034
49000	.70	.30	110.66	-216.89	216.89	34300	.0032
49000	.75	.25	109.81	-215.23	215.23	36750	.0030
49000	.80	.20	106.25	-208.25	208.25	39200	.0027
49000	.85	.15	99.12	-194.27	194.27	41650	.0024
49000	.90	.10	86.84	-170.21	170.21	44100	.0020
49000	.95	.05	65.66	-128.70	128.70	46550	.0014
50000	.05	.95	11.17	-21.89	21.89	2500	.0045
50000	.10	.90	22.25	-43.61	43.61	5000	.0044
50000	.15	.85	33.16	-65.00	65.00	7500	.0044
50000	.20	.80	43.82	-85.88	85.88	10000	.0044
50000	.25	.75	54.13	-106.09	106.09	12500	.0043
50000	.30	.70	63.99	-125.42	125.42	15000	.0043
50000	.35	.65	73.31	-143.69	143.69	17500	.0042
50000	.40	.60	81.98	-160.67	160.67	20000	.0041
50000	.45	.55	89.86	-176.12	176.12	22500	.0040
50000	.50	.50	96.82	-189.78	189.78	25000	.0039
50000	.55	.45	102.71	-201.31	201.31	27500	.0037
50000	.60	.40	107.33	-210.37	210.37	30000	.0036
50000	.65	.35	110.45	-216.49	216.49	32500	.0034
50000	.70	.30	111.78	-219.09	219.09	35000	.0032
50000	.75	.25	110.93	-217.42	217.42	37500	.0030
50000	.80	.20	107.33	-210.37	210.37	40000	.0027
50000	.85	.15	100.12	-196.24	196.24	42500	.0024
50000	.90	.10	87.72	-171.93	171.93	45000	.0019
50000	.95	.05	66.33	-130.01	130.01	47500	.0014
51000	.05	.95	11.28	-22.10	22.10	2550	.0044
51000	.10	.90	22.47	-44.04	44.04	5100	.0044
51000	.15	.85	33.49	-65.64	65.64	7650	.0044
51000	.20	.80	44.25	-86.74	86.74	10200	.0043

51000	.25	.75	54.67	-107.14	107.14	12750	.0043
51000	.30	.70	64.63	-126.67	126.67	15300	.0042
51000	.35	.65	74.04	-145.12	145.12	17850	.0041
51000	.40	.60	82.79	-162.27	162.27	20400	.0041
51000	.45	.55	90.75	-177.88	177.88	22950	.0040
51000	.50	.50	97.79	-191.66	191.66	25500	.0038
51000	.55	.45	103.73	-203.32	203.32	28050	.0037
51000	.60	.40	108.40	-212.46	212.46	30600	.0035
51000	.65	.35	111.55	-218.64	218.64	33150	.0034
51000	.70	.30	112.89	-221.27	221.27	35700	.0032
51000	.75	.25	112.03	-219.58	219.58	38250	.0029
51000	.80	.20	108.40	-212.46	212.46	40800	.0027
51000	.85	.15	101.12	-198.19	198.19	43350	.0023
51000	.90	.10	88.59	-173.64	173.64	45900	.0019
51000	.95	.05	66.99	-131.30	131.30	48450	.0014
52000	.05	.95	11.39	-22.32	22.32	2600	.0044
52000	.10	.90	22.69	-44.47	44.47	5200	.0044
52000	.15	.85	33.82	-66.28	66.28	7800	.0043
52000	.20	.80	44.69	-87.58	87.58	10400	.0043
52000	.25	.75	55.20	-108.19	108.19	13000	.0042
52000	.30	.70	65.26	-127.91	127.91	15600	.0042
52000	.35	.65	74.76	-146.54	146.54	18200	.0041
52000	.40	.60	83.60	-163.85	163.85	20800	.0040
52000	.45	.55	91.64	-179.61	179.61	23400	.0039
52000	.50	.50	98.74	-193.53	193.53	26000	.0038
52000	.55	.45	104.75	-205.30	205.30	28600	.0037
52000	.60	.40	109.46	-214.54	214.54	31200	.0035
52000	.65	.35	112.64	-220.77	220.77	33800	.0033
52000	.70	.30	113.99	-223.43	223.43	36400	.0031
52000	.75	.25	113.12	-221.72	221.72	39000	.0029
52000	.80	.20	109.46	-214.54	214.54	41600	.0026
52000	.85	.15	102.11	-200.13	200.13	44200	.0023
52000	.90	.10	89.46	-175.34	175.34	46800	.0019
52000	.95	.05	67.64	-132.58	132.58	49400	.0014
53000	.05	.95	11.50	-22.53	22.53	2650	.0043
53000	.10	.90	22.91	-44.90	44.90	5300	.0043
53000	.15	.85	34.14	-66.92	66.92	7950	.0043
53000	.20	.80	45.11	-88.42	88.42	10600	.0043
53000	.25	.75	55.73	-109.22	109.22	13250	.0042
53000	.30	.70	65.88	-129.13	129.13	15900	.0041
53000	.35	.65	75.48	-147.94	147.94	18550	.0041
53000	.40	.60	84.40	-165.42	165.42	21200	.0040
53000	.45	.55	92.52	-181.33	181.33	23850	.0039
53000	.50	.50	99.69	-195.39	195.39	26500	.0038
53000	.55	.45	105.75	-207.27	207.27	29150	.0036
53000	.60	.40	110.50	-216.59	216.59	31800	.0035
53000	.65	.35	113.72	-222.89	222.89	34450	.0033
53000	.70	.30	115.09	-225.57	225.57	37100	.0031

53000	.75	.25	114.21	-223.84	223.84	39750	.0029
53000	.80	.20	110.50	-216.59	216.59	42400	.0026
53000	.85	.15	103.08	-202.04	202.04	45050	.0023
53000	.90	.10	90.31	-177.02	177.02	47700	.0019
53000	.95	.05	68.29	-133.85	133.85	50350	.0014
54000	.05	.95	11.60	-22.74	22.74	2700	.0043
54000	.10	.90	23.12	-45.32	45.32	5400	.0043
54000	.15	.85	34.46	-67.55	67.55	8100	.0043
54000	.20	.80	45.54	-89.25	89.25	10800	.0042
54000	.25	.75	56.25	-110.25	110.25	13500	.0042
54000	.30	.70	66.50	-130.35	130.35	16200	.0041
54000	.35	.65	76.19	-149.33	149.33	18900	.0040
54000	.40	.60	85.19	-166.98	166.98	21600	.0039
54000	.45	.55	93.38	-183.03	183.03	24300	.0038
54000	.50	.50	100.62	-197.22	197.22	27000	.0037
54000	.55	.45	106.74	-209.21	209.21	29700	.0036
54000	.60	.40	111.54	-218.62	218.62	32400	.0034
54000	.65	.35	114.79	-224.98	224.98	35100	.0033
54000	.70	.30	116.17	-227.69	227.69	37800	.0031
54000	.75	.25	115.28	-225.95	225.95	40500	.0028
54000	.80	.20	111.54	-218.62	218.62	43200	.0026
54000	.85	.15	104.05	-203.94	203.94	45900	.0023
54000	.90	.10	91.16	-178.68	178.68	48600	.0019
54000	.95	.05	68.93	-135.11	135.11	51300	.0013
55000	.05	.95	11.71	-22.95	22.95	2750	.0043
55000	.10	.90	23.33	-45.74	45.74	5500	.0042
55000	.15	.85	34.78	-68.17	68.17	8250	.0042
55000	.20	.80	45.96	-90.07	90.07	11000	.0042
55000	.25	.75	56.77	-111.27	111.27	13750	.0041
55000	.30	.70	67.12	-131.55	131.55	16500	.0041
55000	.35	.65	76.89	-150.71	150.71	19250	.0040
55000	.40	.60	85.98	-168.51	168.51	22000	.0039
55000	.45	.55	94.25	-184.72	184.72	24750	.0038
55000	.50	.50	101.55	-199.04	199.04	27500	.0037
55000	.55	.45	107.72	-211.14	211.14	30250	.0036
55000	.60	.40	112.57	-220.64	220.64	33000	.0034
55000	.65	.35	115.84	-227.05	227.05	35750	.0032
55000	.70	.30	117.24	-229.78	229.78	38500	.0030
55000	.75	.25	116.34	-228.03	228.03	41250	.0028
55000	.80	.20	112.57	-220.64	220.64	44000	.0026
55000	.85	.15	105.01	-205.82	205.82	46750	.0022
55000	.90	.10	92.00	-180.33	180.33	49500	.0019
55000	.95	.05	69.57	-136.35	136.35	52250	.0013
56000	.05	.95	11.82	-23.16	23.16	2800	.0042
56000	.10	.90	23.55	-46.15	46.15	5600	.0042
56000	.15	.85	35.09	-68.79	68.79	8400	.0042
56000	.20	.80	46.37	-90.89	90.89	11200	.0041
56000	.25	.75	57.28	-112.27	112.27	14000	.0041

56000	.30	.70	67.72	-132.74	132.74	16800	.0040
56000	.35	.65	77.59	-152.07	152.07	19600	.0040
56000	.40	.60	86.75	-170.04	170.04	22400	.0039
56000	.45	.55	95.10	-186.39	186.39	25200	.0038
56000	.50	.50	102.47	-200.84	200.84	28000	.0037
56000	.55	.45	108.70	-213.05	213.05	30800	.0035
56000	.60	.40	113.59	-222.63	222.63	33600	.0034
56000	.65	.35	116.89	-229.11	229.11	36400	.0032
56000	.70	.30	118.30	-231.86	231.86	39200	.0030
56000	.75	.25	117.39	-230.09	230.09	42000	.0028
56000	.80	.20	113.59	-222.63	222.63	44800	.0025
56000	.85	.15	105.96	-207.68	207.68	47600	.0022
56000	.90	.10	92.84	-181.96	181.96	50400	.0018
56000	.95	.05	70.20	-137.59	137.59	53200	.0013
57000	.05	.95	11.92	-23.37	23.37	2850	.0042
57000	.10	.90	23.75	-46.56	46.56	5700	.0042
57000	.15	.85	35.41	-69.40	69.40	8550	.0041
57000	.20	.80	46.78	-91.70	91.70	11400	.0041
57000	.25	.75	57.79	-113.27	113.27	14250	.0041
57000	.30	.70	68.32	-133.92	133.92	17100	.0040
57000	.35	.65	78.28	-153.42	153.42	19950	.0039
57000	.40	.60	87.53	-171.55	171.55	22800	.0038
57000	.45	.55	95.94	-188.05	188.05	25650	.0037
57000	.50	.50	103.38	-202.63	202.63	28500	.0036
57000	.55	.45	109.67	-214.95	214.95	31350	.0035
57000	.60	.40	114.60	-224.61	224.61	34200	.0034
57000	.65	.35	117.93	-231.14	231.14	37050	.0032
57000	.70	.30	119.35	-233.92	233.92	39900	.0030
57000	.75	.25	118.44	-232.14	232.14	42750	.0028
57000	.80	.20	114.60	-224.61	224.61	45600	.0025
57000	.85	.15	106.90	-209.53	209.53	48450	.0022
57000	.90	.10	93.66	-183.57	183.57	51300	.0018
57000	.95	.05	70.82	-138.81	138.81	54150	.0013
58000	.05	.95	12.03	-23.57	23.57	2900	.0041
58000	.10	.90	23.96	-46.97	46.97	5800	.0041
58000	.15	.85	35.72	-70.00	70.00	8700	.0041
58000	.20	.80	47.19	-92.50	92.50	11600	.0041
58000	.25	.75	58.30	-114.26	114.26	14500	.0040
58000	.30	.70	68.92	-135.09	135.09	17400	.0040
58000	.35	.65	78.96	-154.76	154.76	20300	.0039
58000	.40	.60	88.29	-173.05	173.05	23200	.0038
58000	.45	.55	96.78	-189.69	189.69	26100	.0037
58000	.50	.50	104.28	-204.40	204.40	29000	.0036
58000	.55	.45	110.62	-216.82	216.82	31900	.0035
58000	.60	.40	115.60	-226.57	226.57	34800	.0033
58000	.65	.35	118.96	-233.16	233.16	37700	.0032
58000	.70	.30	120.39	-235.97	235.97	40600	.0030
58000	.75	.25	119.47	-234.16	234.16	43500	.0027

58000	.80	.20	115.60	-226.57	226.57	46400	.0025
58000	.85	.15	107.84	-211.36	211.36	49300	.0022
58000	.90	.10	94.48	-185.18	185.18	52200	.0018
58000	.95	.05	71.44	-140.02	140.02	55100	.0013
59000	.05	.95	12.13	-23.77	23.77	2950	.0041
59000	.10	.90	24.17	-47.37	47.37	5900	.0041
59000	.15	.85	36.02	-70.60	70.60	8850	.0041
59000	.20	.80	47.60	-93.29	93.29	11800	.0040
59000	.25	.75	58.80	-115.24	115.24	14750	.0040
59000	.30	.70	69.51	-136.25	136.25	17700	.0039
59000	.35	.65	79.64	-156.09	156.09	20650	.0039
59000	.40	.60	89.05	-174.53	174.53	23600	.0038
59000	.45	.55	97.61	-191.32	191.32	26550	.0037
59000	.50	.50	105.18	-206.15	206.15	29500	.0036
59000	.55	.45	111.57	-218.68	218.68	32450	.0034
59000	.60	.40	116.59	-228.52	228.52	35400	.0033
59000	.65	.35	119.98	-235.16	235.16	38350	.0031
59000	.70	.30	121.43	-237.99	237.99	41300	.0029
59000	.75	.25	120.50	-236.17	236.17	44250	.0027
59000	.80	.20	116.59	-228.52	228.52	47200	.0025
59000	.85	.15	108.76	-213.17	213.17	50150	.0022
59000	.90	.10	95.29	-186.77	186.77	53100	.0018
59000	.95	.05	72.05	-141.22	141.22	56050	.0013
60000	.05	.95	12.23	-23.97	23.97	3000	.0041
60000	.10	.90	24.37	-47.77	47.77	6000	.0041
60000	.15	.85	36.33	-71.20	71.20	9000	.0040
60000	.20	.80	48.00	-94.08	94.08	12000	.0040
60000	.25	.75	59.29	-116.21	116.21	15000	.0040
60000	.30	.70	70.10	-137.40	137.40	18000	.0039
60000	.35	.65	80.31	-157.41	157.41	21000	.0038
60000	.40	.60	89.80	-176.01	176.01	24000	.0037
60000	.45	.55	98.44	-192.93	192.93	27000	.0036
60000	.50	.50	106.07	-207.89	207.89	30000	.0035
60000	.55	.45	112.51	-220.53	220.53	33000	.0034
60000	.60	.40	117.58	-230.45	230.45	36000	.0033
60000	.65	.35	120.99	-237.15	237.15	39000	.0031
60000	.70	.30	122.45	-240.00	240.00	42000	.0029
60000	.75	.25	121.51	-238.17	238.17	45000	.0027
60000	.80	.20	117.58	-230.45	230.45	48000	.0024
60000	.85	.15	109.68	-214.97	214.97	51000	.0022
60000	.90	.10	96.09	-188.34	188.34	54000	.0018
60000	.95	.05	72.66	-142.42	142.42	57000	.0013
61000	.05	.95	12.33	-24.17	24.17	3050	.0040
61000	.10	.90	24.57	-48.17	48.17	6100	.0040
61000	.15	.85	36.63	-71.79	71.79	9150	.0040
61000	.20	.80	48.40	-94.86	94.86	12200	.0040
61000	.25	.75	59.78	-117.18	117.18	15250	.0039
61000	.30	.70	70.68	-138.54	138.54	18300	.0039

61000	.35	.65	80.98	-158.71	158.71	21350	.0038
61000	.40	.60	90.55	-177.47	177.47	24400	.0037
61000	.45	.55	99.25	-194.54	194.54	27450	.0036
61000	.50	.50	106.95	-209.61	209.61	30500	.0035
61000	.55	.45	113.45	-222.36	222.36	33550	.0034
61000	.60	.40	118.55	-232.36	232.36	36600	.0032
61000	.65	.35	122.00	-239.12	239.12	39650	.0031
61000	.70	.30	123.47	-241.99	241.99	42700	.0029
61000	.75	.25	122.52	-240.14	240.14	45750	.0027
61000	.80	.20	118.55	-232.36	232.36	48800	.0024
61000	.85	.15	110.59	-216.76	216.76	51850	.0021
61000	.90	.10	96.89	-189.91	189.91	54900	.0018
61000	.95	.05	73.26	-143.60	143.60	57950	.0013
62000	.05	.95	12.43	-24.37	24.37	3100	.0040
62000	.10	.90	24.77	-48.56	48.56	6200	.0040
62000	.15	.85	36.93	-72.38	72.38	9300	.0040
62000	.20	.80	48.79	-95.64	95.64	12400	.0039
62000	.25	.75	60.27	-118.13	118.13	15500	.0039
62000	.30	.70	71.26	-139.67	139.67	18600	.0038
62000	.35	.65	81.64	-160.01	160.01	21700	.0038
62000	.40	.60	91.28	-178.92	178.92	24800	.0037
62000	.45	.55	100.06	-196.12	196.12	27900	.0036
62000	.50	.50	107.82	-211.33	211.33	31000	.0035
62000	.55	.45	114.37	-224.17	224.17	34100	.0034
62000	.60	.40	119.52	-234.26	234.26	37200	.0032
62000	.65	.35	122.99	-241.07	241.07	40300	.0031
62000	.70	.30	124.47	-243.97	243.97	43400	.0029
62000	.75	.25	123.52	-242.10	242.10	46500	.0027
62000	.80	.20	119.52	-234.26	234.26	49600	.0024
62000	.85	.15	111.49	-218.53	218.53	52700	.0021
62000	.90	.10	97.68	-191.46	191.46	55800	.0018
62000	.95	.05	73.86	-144.77	144.77	58900	.0013
63000	.05	.95	12.53	-24.57	24.57	3150	.0040
63000	.10	.90	24.97	-48.95	48.95	6300	.0040
63000	.15	.85	37.22	-72.96	72.96	9450	.0039
63000	.20	.80	49.19	-96.40	96.40	12600	.0039
63000	.25	.75	60.76	-119.08	119.08	15750	.0039
63000	.30	.70	71.83	-140.79	140.79	18900	.0038
63000	.35	.65	82.29	-161.29	161.29	22050	.0037
63000	.40	.60	92.02	-180.35	180.35	25200	.0037
63000	.45	.55	100.87	-197.70	197.70	28350	.0036
63000	.50	.50	108.69	-213.02	213.02	31500	.0035
63000	.55	.45	115.29	-225.98	225.98	34650	.0033
63000	.60	.40	120.48	-236.14	236.14	37800	.0032
63000	.65	.35	123.98	-243.01	243.01	40950	.0030
63000	.70	.30	125.47	-245.93	245.93	44100	.0028
63000	.75	.25	124.51	-244.05	244.05	47250	.0026
63000	.80	.20	120.48	-236.14	236.14	50400	.0024

63000	.85	.15	112.39	-220.28	220.28	53550	.0021
63000	.90	.10	98.47	-192.99	192.99	56700	.0017
63000	.95	.05	74.46	-145.93	145.93	59850	.0012
64000	.05	.95	12.63	-24.76	24.76	3200	.0039
64000	.10	.90	25.17	-49.34	49.34	6400	.0039
64000	.15	.85	37.52	-73.54	73.54	9600	.0039
64000	.20	.80	49.57	-97.17	97.17	12800	.0039
64000	.25	.75	61.24	-120.02	120.02	16000	.0038
64000	.30	.70	72.40	-141.90	141.90	19200	.0038
64000	.35	.65	82.94	-162.57	162.57	22400	.0037
64000	.40	.60	92.74	-181.78	181.78	25600	.0036
64000	.45	.55	101.66	-199.26	199.26	28800	.0035
64000	.50	.50	109.54	-214.71	214.71	32000	.0034
64000	.55	.45	116.20	-227.76	227.76	35200	.0033
64000	.60	.40	121.43	-238.01	238.01	38400	.0032
64000	.65	.35	124.96	-244.93	244.93	41600	.0030
64000	.70	.30	126.47	-247.87	247.87	44800	.0028
64000	.75	.25	125.50	-245.98	245.98	48000	.0026
64000	.80	.20	121.43	-238.01	238.01	51200	.0024
64000	.85	.15	113.28	-222.02	222.02	54400	.0021
64000	.90	.10	99.25	-194.52	194.52	57600	.0017
64000	.95	.05	75.04	-147.09	147.09	60800	.0012
65000	.05	.95	12.73	-24.95	24.95	3250	.0039
65000	.10	.90	25.37	-49.72	49.72	6500	.0039
65000	.15	.85	37.81	-74.11	74.11	9750	.0039
65000	.20	.80	49.96	-97.92	97.92	13000	.0038
65000	.25	.75	61.71	-120.96	120.96	16250	.0038
65000	.30	.70	72.96	-143.01	143.01	19500	.0037
65000	.35	.65	83.59	-163.83	163.83	22750	.0037
65000	.40	.60	93.47	-183.19	183.19	26000	.0036
65000	.45	.55	102.46	-200.81	200.81	29250	.0035
65000	.50	.50	110.40	-216.38	216.38	32500	.0034
65000	.55	.45	117.11	-229.53	229.53	35750	.0033
65000	.60	.40	122.38	-239.86	239.86	39000	.0031
65000	.65	.35	125.93	-246.83	246.83	42250	.0030
65000	.70	.30	127.45	-249.80	249.80	45500	.0028
65000	.75	.25	126.48	-247.89	247.89	48750	.0026
65000	.80	.20	122.38	-239.86	239.86	52000	.0024
65000	.85	.15	114.16	-223.75	223.75	55250	.0021
65000	.90	.10	100.02	-196.03	196.03	58500	.0017
65000	.95	.05	75.63	-148.23	148.23	61750	.0012
66000	.05	.95	12.83	-25.15	25.15	3300	.0039
66000	.10	.90	25.56	-50.10	50.10	6600	.0039
66000	.15	.85	38.10	-74.68	74.68	9900	.0038
66000	.20	.80	50.34	-98.67	98.67	13200	.0038
66000	.25	.75	62.19	-121.89	121.89	16500	.0038
66000	.30	.70	73.52	-144.10	144.10	19800	.0037
66000	.35	.65	84.23	-165.09	165.09	23100	.0036

66000	.40	.60	94.18	-184.60	184.60	26400	.0036
66000	.45	.55	103.24	-202.35	202.35	29700	.0035
66000	.50	.50	111.24	-218.04	218.04	33000	.0034
66000	.55	.45	118.01	-231.29	231.29	36300	.0033
66000	.60	.40	123.31	-241.70	241.70	39600	.0031
66000	.65	.35	126.90	-248.72	248.72	42900	.0030
66000	.70	.30	128.43	-251.72	251.72	46200	.0028
66000	.75	.25	127.44	-249.79	249.79	49500	.0026
66000	.80	.20	123.31	-241.70	241.70	52800	.0023
66000	.85	.15	115.03	-225.46	225.46	56100	.0021
66000	.90	.10	100.78	-197.54	197.54	59400	.0017
66000	.95	.05	76.21	-149.37	149.37	62700	.0012
67000	.05	.95	12.93	-25.33	25.33	3350	.0039
67000	.10	.90	25.75	-50.48	50.48	6700	.0038
67000	.15	.85	38.39	-75.24	75.24	10050	.0038
67000	.20	.80	50.72	-99.42	99.42	13400	.0038
67000	.25	.75	62.66	-122.81	122.81	16750	.0037
67000	.30	.70	74.08	-145.19	145.19	20100	.0037
67000	.35	.65	84.87	-166.34	166.34	23450	.0036
67000	.40	.60	94.89	-185.99	185.99	26800	.0035
67000	.45	.55	104.02	-203.88	203.88	30150	.0035
67000	.50	.50	112.08	-219.68	219.68	33500	.0033
67000	.55	.45	118.90	-233.04	233.04	36850	.0032
67000	.60	.40	124.24	-243.52	243.52	40200	.0031
67000	.65	.35	127.86	-250.60	250.60	43550	.0029
67000	.70	.30	129.40	-253.62	253.62	46900	.0028
67000	.75	.25	128.41	-251.68	251.68	50250	.0026
67000	.80	.20	124.24	-243.52	243.52	53600	.0023
67000	.85	.15	115.90	-227.17	227.17	56950	.0020
67000	.90	.10	101.54	-199.03	199.03	60300	.0017
67000	.95	.05	76.78	-150.49	150.49	63650	.0012
68000	.05	.95	13.02	-25.52	25.52	3400	.0038
68000	.10	.90	25.95	-50.85	50.85	6800	.0038
68000	.15	.85	38.67	-75.80	75.80	10200	.0038
68000	.20	.80	51.10	-100.16	100.16	13600	.0038
68000	.25	.75	63.12	-123.72	123.72	17000	.0037
68000	.30	.70	74.63	-146.27	146.27	20400	.0037
68000	.35	.65	85.50	-167.57	167.57	23800	.0036
68000	.40	.60	95.60	-187.37	187.37	27200	.0035
68000	.45	.55	104.79	-205.39	205.39	30600	.0034
68000	.50	.50	112.92	-221.32	221.32	34000	.0033
68000	.55	.45	119.78	-234.77	234.77	37400	.0032
68000	.60	.40	125.17	-245.33	245.33	40800	.0031
68000	.65	.35	128.81	-252.46	252.46	44200	.0029
68000	.70	.30	130.36	-255.50	255.50	47600	.0027
68000	.75	.25	129.36	-253.55	253.55	51000	.0025
68000	.80	.20	125.17	-245.33	245.33	54400	.0023
68000	.85	.15	116.76	-228.86	228.86	57800	.0020

68000	.90	.10	102.30	-200.51	200.51	61200	.0017
68000	.95	.05	77.35	-151.61	151.61	64600	.0012
69000	.05	.95	13.12	-25.71	25.71	3450	.0038
69000	.10	.90	26.14	-51.23	51.23	6900	.0038
69000	.15	.85	38.96	-76.35	76.35	10350	.0038
69000	.20	.80	51.47	-100.89	100.89	13800	.0037
69000	.25	.75	63.58	-124.63	124.63	17250	.0037
69000	.30	.70	75.17	-147.34	147.34	20700	.0036
69000	.35	.65	86.12	-168.80	168.80	24150	.0036
69000	.40	.60	96.30	-188.75	188.75	27600	.0035
69000	.45	.55	105.56	-206.90	206.90	31050	.0034
69000	.50	.50	113.74	-222.94	222.94	34500	.0033
69000	.55	.45	120.66	-236.49	236.49	37950	.0032
69000	.60	.40	126.09	-247.13	247.13	41400	.0030
69000	.65	.35	129.75	-254.31	254.31	44850	.0029
69000	.70	.30	131.31	-257.37	257.37	48300	.0027
69000	.75	.25	130.31	-255.41	255.41	51750	.0025
69000	.80	.20	126.09	-247.13	247.13	55200	.0023
69000	.85	.15	117.62	-230.53	230.53	58650	.0020
69000	.90	.10	103.05	-201.98	201.98	62100	.0017
69000	.95	.05	77.92	-152.72	152.72	65550	.0012
70000	.05	.95	13.21	-25.90	25.90	3500	.0038
70000	.10	.90	26.32	-51.60	51.60	7000	.0038
70000	.15	.85	39.24	-76.91	76.91	10500	.0037
70000	.20	.80	51.85	-101.62	101.62	14000	.0037
70000	.25	.75	64.04	-125.53	125.53	17500	.0037
70000	.30	.70	75.72	-148.40	148.40	21000	.0036
70000	.35	.65	86.74	-170.02	170.02	24500	.0035
70000	.40	.60	96.99	-190.11	190.11	28000	.0035
70000	.45	.55	106.32	-208.39	208.39	31500	.0034
70000	.50	.50	114.56	-224.55	224.55	35000	.0033
70000	.55	.45	121.53	-238.20	238.20	38500	.0032
70000	.60	.40	127.00	-248.91	248.91	42000	.0030
70000	.65	.35	130.69	-256.15	256.15	45500	.0029
70000	.70	.30	132.26	-259.23	259.23	49000	.0027
70000	.75	.25	131.25	-257.25	257.25	52500	.0025
70000	.80	.20	127.00	-248.91	248.91	56000	.0023
70000	.85	.15	118.47	-232.20	232.20	59500	.0020
70000	.90	.10	103.79	-203.43	203.43	63000	.0016
70000	.95	.05	78.48	-153.83	153.83	66500	.0012
71000	.05	.95	13.31	-26.08	26.08	3550	.0037
71000	.10	.90	26.51	-51.96	51.96	7100	.0037
71000	.15	.85	39.52	-77.45	77.45	10650	.0037
71000	.20	.80	52.21	-102.34	102.34	14200	.0037
71000	.25	.75	64.50	-126.42	126.42	17750	.0036
71000	.30	.70	76.26	-149.46	149.46	21300	.0036
71000	.35	.65	87.36	-171.23	171.23	24850	.0035
71000	.40	.60	97.69	-191.46	191.46	28400	.0034

71000	.45	.55	107.08	-209.88	209.88	31950	.0034
71000	.50	.50	115.38	-226.14	226.14	35500	.0033
71000	.55	.45	122.40	-239.89	239.89	39050	.0031
71000	.60	.40	127.90	-250.68	250.68	42600	.0030
71000	.65	.35	131.62	-257.97	257.97	46150	.0029
71000	.70	.30	133.20	-261.08	261.08	49700	.0027
71000	.75	.25	132.18	-259.08	259.08	53250	.0025
71000	.80	.20	127.90	-250.68	250.68	56800	.0023
71000	.85	.15	119.31	-233.85	233.85	60350	.0020
71000	.90	.10	104.53	-204.88	204.88	63900	.0016
71000	.95	.05	79.04	-154.92	154.92	67450	.0012
72000	.05	.95	13.40	-26.26	26.26	3600	.0037
72000	.10	.90	26.70	-52.33	52.33	7200	.0037
72000	.15	.85	39.79	-78.00	78.00	10800	.0037
72000	.20	.80	52.58	-103.06	103.06	14400	.0037
72000	.25	.75	64.95	-127.31	127.31	18000	.0036
72000	.30	.70	76.79	-150.51	150.51	21600	.0036
72000	.35	.65	87.97	-172.43	172.43	25200	.0035
72000	.40	.60	98.37	-192.81	192.81	28800	.0034
72000	.45	.55	107.83	-211.35	211.35	32400	.0033
72000	.50	.50	116.19	-227.73	227.73	36000	.0032
72000	.55	.45	123.25	-241.58	241.58	39600	.0031
72000	.60	.40	128.80	-252.44	252.44	43200	.0030
72000	.65	.35	132.54	-259.78	259.78	46800	.0028
72000	.70	.30	134.14	-262.91	262.91	50400	.0027
72000	.75	.25	133.11	-260.90	260.90	54000	.0025
72000	.80	.20	128.80	-252.44	252.44	57600	.0022
72000	.85	.15	120.15	-235.49	235.49	61200	.0020
72000	.90	.10	105.27	-206.32	206.32	64800	.0016
72000	.95	.05	79.60	-156.01	156.01	68400	.0012
73000	.05	.95	13.49	-26.45	26.45	3650	.0037
73000	.10	.90	26.88	-52.69	52.69	7300	.0037
73000	.15	.85	40.07	-78.54	78.54	10950	.0037
73000	.20	.80	52.95	-103.77	103.77	14600	.0036
73000	.25	.75	65.40	-128.19	128.19	18250	.0036
73000	.30	.70	77.32	-151.55	151.55	21900	.0035
73000	.35	.65	88.58	-173.62	173.62	25550	.0035
73000	.40	.60	99.05	-194.14	194.14	29200	.0034
73000	.45	.55	108.58	-212.81	212.81	32850	.0033
73000	.50	.50	116.99	-229.31	229.31	36500	.0032
73000	.55	.45	124.11	-243.25	243.25	40150	.0031
73000	.60	.40	129.69	-254.19	254.19	43800	.0030
73000	.65	.35	133.46	-261.58	261.58	47450	.0028
73000	.70	.30	135.07	-264.73	264.73	51100	.0026
73000	.75	.25	134.03	-262.70	262.70	54750	.0024
73000	.80	.20	129.69	-254.19	254.19	58400	.0022
73000	.85	.15	120.98	-237.12	237.12	62050	.0019
73000	.90	.10	105.99	-207.75	207.75	65700	.0016

73000	.95	.05	80.15	-157.09	157.09	69350	.0012
74000	.05	.95	13.58	-26.63	26.63	3700	.0037
74000	.10	.90	27.07	-53.05	53.05	7400	.0037
74000	.15	.85	40.34	-79.07	79.07	11100	.0036
74000	.20	.80	53.31	-104.48	104.48	14800	.0036
74000	.25	.75	65.85	-129.06	129.06	18500	.0036
74000	.30	.70	77.85	-152.59	152.59	22200	.0035
74000	.35	.65	89.19	-174.81	174.81	25900	.0034
74000	.40	.60	99.73	-195.47	195.47	29600	.0034
74000	.45	.55	109.32	-214.26	214.26	33300	.0033
74000	.50	.50	117.79	-230.87	230.87	37000	.0032
74000	.55	.45	124.95	-244.91	244.91	40700	.0031
74000	.60	.40	130.57	-255.93	255.93	44400	.0029
74000	.65	.35	134.37	-263.37	263.37	48100	.0028
74000	.70	.30	135.99	-266.54	266.54	51800	.0026
74000	.75	.25	134.95	-264.50	264.50	55500	.0024
74000	.80	.20	130.57	-255.93	255.93	59200	.0022
74000	.85	.15	121.81	-238.74	238.74	62900	.0019
74000	.90	.10	106.72	-209.17	209.17	66600	.0016
74000	.95	.05	80.69	-158.16	158.16	70300	.0011
75000	.05	.95	13.68	-26.80	26.80	3750	.0036
75000	.10	.90	27.25	-53.41	53.41	7500	.0036
75000	.15	.85	40.61	-79.60	79.60	11250	.0036
75000	.20	.80	53.67	-105.18	105.18	15000	.0036
75000	.25	.75	66.29	-129.93	129.93	18750	.0035
75000	.30	.70	78.37	-153.61	153.61	22500	.0035
75000	.35	.65	89.79	-175.99	175.99	26250	.0034
75000	.40	.60	100.40	-196.78	196.78	30000	.0033
75000	.45	.55	110.05	-215.71	215.71	33750	.0033
75000	.50	.50	118.59	-232.43	232.43	37500	.0032
75000	.55	.45	125.80	-246.56	246.56	41250	.0030
75000	.60	.40	131.45	-257.65	257.65	45000	.0029
75000	.65	.35	135.28	-265.14	265.14	48750	.0028
75000	.70	.30	136.90	-268.33	268.33	52500	.0026
75000	.75	.25	135.86	-266.28	266.28	56250	.0024
75000	.80	.20	131.45	-257.65	257.65	60000	.0022
75000	.85	.15	122.63	-240.35	240.35	63750	.0019
75000	.90	.10	107.44	-210.57	210.57	67500	.0016
75000	.95	.05	81.24	-159.23	159.23	71250	.0011
76000	.05	.95	13.77	-26.98	26.98	3800	.0036
76000	.10	.90	27.43	-53.76	53.76	7600	.0036
76000	.15	.85	40.88	-80.13	80.13	11400	.0036
76000	.20	.80	54.02	-105.88	105.88	15200	.0036
76000	.25	.75	66.73	-130.79	130.79	19000	.0035
76000	.30	.70	78.89	-154.63	154.63	22800	.0035
76000	.35	.65	90.39	-177.16	177.16	26600	.0034
76000	.40	.60	101.07	-198.09	198.09	30400	.0033
76000	.45	.55	110.79	-217.14	217.14	34200	.0032

76000	.50	.50	119.37	-233.97	233.97	38000	.0031
76000	.55	.45	126.63	-248.20	248.20	41800	.0030
76000	.60	.40	132.33	-259.36	259.36	45600	.0029
76000	.65	.35	136.17	-266.90	266.90	49400	.0028
76000	.70	.30	137.81	-270.11	270.11	53200	.0026
76000	.75	.25	136.76	-268.05	268.05	57000	.0024
76000	.80	.20	132.33	-259.36	259.36	60800	.0022
76000	.85	.15	123.44	-241.94	241.94	64600	.0019
76000	.90	.10	108.15	-211.97	211.97	68400	.0016
76000	.95	.05	81.78	-160.28	160.28	72200	.0011
77000	.05	.95	13.86	-27.16	27.16	3850	.0036
77000	.10	.90	27.61	-54.12	54.12	7700	.0036
77000	.15	.85	41.15	-80.66	80.66	11550	.0036
77000	.20	.80	54.38	-106.58	106.58	15400	.0035
77000	.25	.75	67.17	-131.65	131.65	19250	.0035
77000	.30	.70	79.41	-155.65	155.65	23100	.0034
77000	.35	.65	90.98	-178.32	178.32	26950	.0034
77000	.40	.60	101.73	-199.39	199.39	30800	.0033
77000	.45	.55	111.51	-218.56	218.56	34650	.0032
77000	.50	.50	120.16	-235.51	235.51	38500	.0031
77000	.55	.45	127.46	-249.83	249.83	42350	.0030
77000	.60	.40	133.19	-261.06	261.06	46200	.0029
77000	.65	.35	137.07	-268.65	268.65	50050	.0027
77000	.70	.30	138.72	-271.88	271.88	53900	.0026
77000	.75	.25	137.66	-269.81	269.81	57750	.0024
77000	.80	.20	133.19	-261.06	261.06	61600	.0022
77000	.85	.15	124.25	-243.53	243.53	65450	.0019
77000	.90	.10	108.86	-213.36	213.36	69300	.0016
77000	.95	.05	82.31	-161.33	161.33	73150	.0011
78000	.05	.95	13.95	-27.34	27.34	3900	.0036
78000	.10	.90	27.79	-54.47	54.47	7800	.0036
78000	.15	.85	41.42	-81.18	81.18	11700	.0035
78000	.20	.80	54.73	-107.27	107.27	15600	.0035
78000	.25	.75	67.60	-132.50	132.50	19500	.0035
78000	.30	.70	79.93	-156.66	156.66	23400	.0034
78000	.35	.65	91.57	-179.47	179.47	27300	.0034
78000	.40	.60	102.39	-200.68	200.68	31200	.0033
78000	.45	.55	112.23	-219.98	219.98	35100	.0032
78000	.50	.50	120.93	-237.03	237.03	39000	.0031
78000	.55	.45	128.29	-251.44	251.44	42900	.0030
78000	.60	.40	134.06	-262.75	262.75	46800	.0029
78000	.65	.35	137.95	-270.39	270.39	50700	.0027
78000	.70	.30	139.61	-273.64	273.64	54600	.0026
78000	.75	.25	138.55	-271.55	271.55	58500	.0024
78000	.80	.20	134.06	-262.75	262.75	62400	.0021
78000	.85	.15	125.05	-245.11	245.11	66300	.0019
78000	.90	.10	109.56	-214.74	214.74	70200	.0016
78000	.95	.05	82.85	-162.38	162.38	74100	.0011

79000	.05	.95	14.04	-27.51	27.51	3950	.0036
79000	.10	.90	27.97	-54.81	54.81	7900	.0035
79000	.15	.85	41.68	-81.70	81.70	11850	.0035
79000	.20	.80	55.08	-107.95	107.95	15800	.0035
79000	.25	.75	68.04	-133.35	133.35	19750	.0034
79000	.30	.70	80.44	-157.66	157.66	23700	.0034
79000	.35	.65	92.15	-180.62	180.62	27650	.0033
79000	.40	.60	103.04	-201.96	201.96	31600	.0033
79000	.45	.55	112.95	-221.38	221.38	35550	.0032
79000	.50	.50	121.71	-238.54	238.54	39500	.0031
79000	.55	.45	129.11	-253.05	253.05	43450	.0030
79000	.60	.40	134.91	-264.43	264.43	47400	.0028
79000	.65	.35	138.84	-272.12	272.12	51350	.0027
79000	.70	.30	140.51	-275.39	275.39	55300	.0025
79000	.75	.25	139.43	-273.29	273.29	59250	.0024
79000	.80	.20	134.91	-264.43	264.43	63200	.0021
79000	.85	.15	125.85	-246.67	246.67	67150	.0019
79000	.90	.10	110.26	-216.12	216.12	71100	.0016
79000	.95	.05	83.38	-163.42	163.42	75050	.0011
80000	.05	.95	14.12	-27.68	27.68	4000	.0035
80000	.10	.90	28.14	-55.16	55.16	8000	.0035
80000	.15	.85	41.95	-82.21	82.21	12000	.0035
80000	.20	.80	55.43	-108.63	108.63	16000	.0035
80000	.25	.75	68.47	-134.19	134.19	20000	.0034
80000	.30	.70	80.94	-158.65	158.65	24000	.0034
80000	.35	.65	92.73	-181.76	181.76	28000	.0033
80000	.40	.60	103.69	-203.24	203.24	32000	.0032
80000	.45	.55	113.66	-222.78	222.78	36000	.0032
80000	.50	.50	122.47	-240.05	240.05	40000	.0031
80000	.55	.45	129.92	-254.65	254.65	44000	.0030
80000	.60	.40	135.76	-266.10	266.10	48000	.0028
80000	.65	.35	139.71	-273.84	273.84	52000	.0027
80000	.70	.30	141.39	-277.13	277.13	56000	.0025
80000	.75	.25	140.31	-275.01	275.01	60000	.0023
80000	.80	.20	135.76	-266.10	266.10	64000	.0021
80000	.85	.15	126.65	-248.23	248.23	68000	.0019
80000	.90	.10	110.96	-217.48	217.48	72000	.0015
80000	.95	.05	83.90	-164.45	164.45	76000	.0011
81000	.05	.95	14.21	-27.86	27.86	4050	.0035
81000	.10	.90	28.32	-55.50	55.50	8100	.0035
81000	.15	.85	42.21	-82.73	82.73	12150	.0035
81000	.20	.80	55.77	-109.31	109.31	16200	.0034
81000	.25	.75	68.89	-135.03	135.03	20250	.0034
81000	.30	.70	81.45	-159.64	159.64	24300	.0034
81000	.35	.65	93.31	-182.89	182.89	28350	.0033
81000	.40	.60	104.34	-204.50	204.50	32400	.0032
81000	.45	.55	114.37	-224.17	224.17	36450	.0031
81000	.50	.50	123.24	-241.55	241.55	40500	.0030

81000	.55	.45	130.73	-256.23	256.23	44550	.0029
81000	.60	.40	136.61	-267.76	267.76	48600	.0028
81000	.65	.35	140.58	-275.54	275.54	52650	.0027
81000	.70	.30	142.27	-278.86	278.86	56700	.0025
81000	.75	.25	141.19	-276.73	276.73	60750	.0023
81000	.80	.20	136.61	-267.76	267.76	64800	.0021
81000	.85	.15	127.44	-249.78	249.78	68850	.0019
81000	.90	.10	111.65	-218.84	218.84	72900	.0015
81000	.95	.05	84.42	-165.47	165.47	76950	.0011
82000	.05	.95	14.30	-28.03	28.03	4100	.0035
82000	.10	.90	28.49	-55.84	55.84	8200	.0035
82000	.15	.85	42.47	-83.24	83.24	12300	.0035
82000	.20	.80	56.11	-109.98	109.98	16400	.0034
82000	.25	.75	69.32	-135.86	135.86	20500	.0034
82000	.30	.70	81.95	-160.62	160.62	24600	.0033
82000	.35	.65	93.89	-184.02	184.02	28700	.0033
82000	.40	.60	104.98	-205.76	205.76	32800	.0032
82000	.45	.55	115.08	-225.55	225.55	36900	.0031
82000	.50	.50	124.00	-243.03	243.03	41000	.0030
82000	.55	.45	131.54	-257.81	257.81	45100	.0029
82000	.60	.40	137.45	-269.40	269.40	49200	.0028
82000	.65	.35	141.45	-277.24	277.24	53300	.0027
82000	.70	.30	143.15	-280.57	280.57	57400	.0025
82000	.75	.25	142.06	-278.43	278.43	61500	.0023
82000	.80	.20	137.45	-269.40	269.40	65600	.0021
82000	.85	.15	128.22	-251.31	251.31	69700	.0018
82000	.90	.10	112.34	-220.18	220.18	73800	.0015
82000	.95	.05	84.94	-166.49	166.49	77900	.0011
83000	.05	.95	14.39	-28.20	28.20	4150	.0035
83000	.10	.90	28.67	-56.18	56.18	8300	.0035
83000	.15	.85	42.73	-83.74	83.74	12450	.0034
83000	.20	.80	56.46	-110.65	110.65	16600	.0034
83000	.25	.75	69.74	-136.68	136.68	20750	.0034
83000	.30	.70	82.45	-161.60	161.60	24900	.0033
83000	.35	.65	94.46	-185.13	185.13	29050	.0033
83000	.40	.60	105.62	-207.01	207.01	33200	.0032
83000	.45	.55	115.78	-226.92	226.92	37350	.0031
83000	.50	.50	124.75	-244.51	244.51	41500	.0030
83000	.55	.45	132.33	-259.38	259.38	45650	.0029
83000	.60	.40	138.29	-271.04	271.04	49800	.0028
83000	.65	.35	142.31	-278.92	278.92	53950	.0026
83000	.70	.30	144.02	-282.28	282.28	58100	.0025
83000	.75	.25	142.92	-280.12	280.12	62250	.0023
83000	.80	.20	138.29	-271.04	271.04	66400	.0021
83000	.85	.15	129.00	-252.84	252.84	70550	.0018
83000	.90	.10	113.02	-221.52	221.52	74700	.0015
83000	.95	.05	85.46	-167.50	167.50	78850	.0011
84000	.05	.95	14.47	-28.37	28.37	4200	.0034

84000	.10	.90	28.84	-56.52	56.52	8400	.0034
84000	.15	.85	42.98	-84.25	84.25	12600	.0034
84000	.20	.80	56.79	-111.32	111.32	16800	.0034
84000	.25	.75	70.16	-137.51	137.51	21000	.0033
84000	.30	.70	82.94	-162.57	162.57	25200	.0033
84000	.35	.65	95.02	-186.25	186.25	29400	.0032
84000	.40	.60	106.25	-208.25	208.25	33600	.0032
84000	.45	.55	116.47	-228.28	228.28	37800	.0031
84000	.50	.50	125.50	-245.98	245.98	42000	.0030
84000	.55	.45	133.13	-260.93	260.93	46200	.0029
84000	.60	.40	139.12	-272.67	272.67	50400	.0028
84000	.65	.35	143.16	-280.60	280.60	54600	.0026
84000	.70	.30	144.88	-283.97	283.97	58800	.0025
84000	.75	.25	143.78	-281.80	281.80	63000	.0023
84000	.80	.20	139.12	-272.67	272.67	67200	.0021
84000	.85	.15	129.77	-254.36	254.36	71400	.0018
84000	.90	.10	113.70	-222.85	222.85	75600	.0015
84000	.95	.05	85.97	-168.51	168.51	79800	.0011
85000	.05	.95	14.56	-28.54	28.54	4250	.0034
85000	.10	.90	29.01	-56.86	56.86	8500	.0034
85000	.15	.85	43.24	-84.75	84.75	12750	.0034
85000	.20	.80	57.13	-111.98	111.98	17000	.0034
85000	.25	.75	70.57	-138.32	138.32	21250	.0033
85000	.30	.70	83.44	-163.53	163.53	25500	.0033
85000	.35	.65	95.59	-187.35	187.35	29750	.0032
85000	.40	.60	106.88	-209.49	209.49	34000	.0031
85000	.45	.55	117.16	-229.64	229.64	38250	.0031
85000	.50	.50	126.24	-247.44	247.44	42500	.0030
85000	.55	.45	133.92	-262.48	262.48	46750	.0029
85000	.60	.40	139.94	-274.29	274.29	51000	.0027
85000	.65	.35	144.01	-282.26	282.26	55250	.0026
85000	.70	.30	145.74	-285.66	285.66	59500	.0024
85000	.75	.25	144.63	-283.48	283.48	63750	.0023
85000	.80	.20	139.94	-274.29	274.29	68000	.0021
85000	.85	.15	130.54	-255.87	255.87	72250	.0018
85000	.90	.10	114.37	-224.17	224.17	76500	.0015
85000	.95	.05	86.48	-169.51	169.51	80750	.0011
86000	.05	.95	14.64	-28.70	28.70	4300	.0034
86000	.10	.90	29.18	-57.19	57.19	8600	.0034
86000	.15	.85	43.49	-85.24	85.24	12900	.0034
86000	.20	.80	57.47	-112.63	112.63	17200	.0033
86000	.25	.75	70.99	-139.13	139.13	21500	.0033
86000	.30	.70	83.92	-164.49	164.49	25800	.0033
86000	.35	.65	96.15	-188.45	188.45	30100	.0032
86000	.40	.60	107.51	-210.72	210.72	34400	.0031
86000	.45	.55	117.85	-230.98	230.98	38700	.0030
86000	.50	.50	126.98	-248.89	248.89	43000	.0030
86000	.55	.45	134.71	-264.02	264.02	47300	.0028

86000	.60	.40	140.76	-275.90	275.90	51600	.0027
86000	.65	.35	144.86	-283.92	283.92	55900	.0026
86000	.70	.30	146.60	-287.33	287.33	60200	.0024
86000	.75	.25	145.48	-285.14	285.14	64500	.0023
86000	.80	.20	140.76	-275.90	275.90	68800	.0020
86000	.85	.15	131.31	-257.37	257.37	73100	.0018
86000	.90	.10	115.05	-225.49	225.49	77400	.0015
86000	.95	.05	86.99	-170.50	170.50	81700	.0011
87000	.05	.95	14.73	-28.87	28.87	4350	.0034
87000	.10	.90	29.35	-57.52	57.52	8700	.0034
87000	.15	.85	43.74	-85.74	85.74	13050	.0034
87000	.20	.80	57.80	-113.29	113.29	17400	.0033
87000	.25	.75	71.40	-139.94	139.94	21750	.0033
87000	.30	.70	84.41	-165.45	165.45	26100	.0032
87000	.35	.65	96.71	-189.54	189.54	30450	.0032
87000	.40	.60	108.13	-211.94	211.94	34800	.0031
87000	.45	.55	118.53	-232.32	232.32	39150	.0030
87000	.50	.50	127.72	-250.33	250.33	43500	.0029
87000	.55	.45	135.49	-265.55	265.55	47850	.0028
87000	.60	.40	141.58	-277.50	277.50	52200	.0027
87000	.65	.35	145.70	-285.57	285.57	56550	.0026
87000	.70	.30	147.45	-289.00	289.00	60900	.0024
87000	.75	.25	146.32	-286.79	286.79	65250	.0022
87000	.80	.20	141.58	-277.50	277.50	69600	.0020
87000	.85	.15	132.07	-258.86	258.86	73950	.0018
87000	.90	.10	115.71	-226.80	226.80	78300	.0015
87000	.95	.05	87.50	-171.49	171.49	82650	.0011
88000	.05	.95	14.81	-29.04	29.04	4400	.0034
88000	.10	.90	29.52	-57.85	57.85	8800	.0034
88000	.15	.85	43.99	-86.23	86.23	13200	.0033
88000	.20	.80	58.13	-113.94	113.94	17600	.0033
88000	.25	.75	71.81	-140.74	140.74	22000	.0033
88000	.30	.70	84.90	-166.39	166.39	26400	.0032
88000	.35	.65	97.26	-190.63	190.63	30800	.0032
88000	.40	.60	108.75	-213.16	213.16	35200	.0031
88000	.45	.55	119.21	-233.66	233.66	39600	.0030
88000	.50	.50	128.45	-251.77	251.77	44000	.0029
88000	.55	.45	136.26	-267.07	267.07	48400	.0028
88000	.60	.40	142.39	-279.09	279.09	52800	.0027
88000	.65	.35	146.53	-287.20	287.20	57200	.0026
88000	.70	.30	148.29	-290.66	290.66	61600	.0024
88000	.75	.25	147.16	-288.43	288.43	66000	.0022
88000	.80	.20	142.39	-279.09	279.09	70400	.0020
88000	.85	.15	132.83	-260.34	260.34	74800	.0018
88000	.90	.10	116.38	-228.10	228.10	79200	.0015
88000	.95	.05	88.00	-172.47	172.47	83600	.0011
89000	.05	.95	14.90	-29.20	29.20	4450	.0033
89000	.10	.90	29.68	-58.18	58.18	8900	.0033

89000	.15	.85	44.24	-86.72	86.72	13350	.0033
89000	.20	.80	58.46	-114.58	114.58	17800	.0033
89000	.25	.75	72.21	-141.54	141.54	22250	.0032
89000	.30	.70	85.38	-167.34	167.34	26700	.0032
89000	.35	.65	97.81	-191.71	191.71	31150	.0031
89000	.40	.60	109.37	-214.36	214.36	35600	.0031
89000	.45	.55	119.89	-234.98	234.98	40050	.0030
89000	.50	.50	129.18	-253.19	253.19	44500	.0029
89000	.55	.45	137.03	-268.59	268.59	48950	.0028
89000	.60	.40	143.20	-280.67	280.67	53400	.0027
89000	.65	.35	147.36	-288.83	288.83	57850	.0025
89000	.70	.30	149.13	-292.30	292.30	62300	.0024
89000	.75	.25	147.99	-290.07	290.07	66750	.0022
89000	.80	.20	143.20	-280.67	280.67	71200	.0020
89000	.85	.15	133.58	-261.82	261.82	75650	.0018
89000	.90	.10	117.03	-229.39	229.39	80100	.0015
89000	.95	.05	88.50	-173.45	173.45	84550	.0010
90000	.05	.95	14.98	-29.36	29.36	4500	.0033
90000	.10	.90	29.85	-58.51	58.51	9000	.0033
90000	.15	.85	44.49	-87.20	87.20	13500	.0033
90000	.20	.80	58.79	-115.22	115.22	18000	.0033
90000	.25	.75	72.62	-142.33	142.33	22500	.0032
90000	.30	.70	85.85	-168.27	168.27	27000	.0032
90000	.35	.65	98.36	-192.78	192.78	31500	.0031
90000	.40	.60	109.98	-215.56	215.56	36000	.0031
90000	.45	.55	120.56	-236.30	236.30	40500	.0030
90000	.50	.50	129.90	-254.61	254.61	45000	.0029
90000	.55	.45	137.80	-270.09	270.09	49500	.0028
90000	.60	.40	144.00	-282.24	282.24	54000	.0027
90000	.65	.35	148.19	-290.45	290.45	58500	.0025
90000	.70	.30	149.97	-293.94	293.94	63000	.0024
90000	.75	.25	148.82	-291.69	291.69	67500	.0022
90000	.80	.20	144.00	-282.24	282.24	72000	.0020
90000	.85	.15	134.33	-263.29	263.29	76500	.0018
90000	.90	.10	117.69	-230.67	230.67	81000	.0015
90000	.95	.05	88.99	-174.42	174.42	85500	.0010
91000	.05	.95	15.06	-29.53	29.53	4550	.0033
91000	.10	.90	30.01	-58.83	58.83	9100	.0033
91000	.15	.85	44.74	-87.69	87.69	13650	.0033
91000	.20	.80	59.11	-115.86	115.86	18200	.0032
91000	.25	.75	73.02	-143.12	143.12	22750	.0032
91000	.30	.70	86.33	-169.21	169.21	27300	.0032
91000	.35	.65	98.90	-193.85	193.85	31850	.0031
91000	.40	.60	110.59	-216.76	216.76	36400	.0030
91000	.45	.55	121.23	-237.60	237.60	40950	.0030
91000	.50	.50	130.62	-256.02	256.02	45500	.0029
91000	.55	.45	138.57	-271.59	271.59	50050	.0028
91000	.60	.40	144.80	-283.80	283.80	54600	.0027

91000	.65	.35	149.01	-292.06	292.06	59150	.0025
91000	.70	.30	150.80	-295.57	295.57	63700	.0024
91000	.75	.25	149.65	-293.31	293.31	68250	.0022
91000	.80	.20	144.80	-283.80	283.80	72800	.0020
91000	.85	.15	135.07	-264.74	264.74	77350	.0017
91000	.90	.10	118.34	-231.95	231.95	81900	.0014
91000	.95	.05	89.48	-175.39	175.39	86450	.0010
92000	.05	.95	15.15	-29.69	29.69	4600	.0033
92000	.10	.90	30.18	-59.15	59.15	9200	.0033
92000	.15	.85	44.98	-88.17	88.17	13800	.0033
92000	.20	.80	59.44	-116.50	116.50	18400	.0032
92000	.25	.75	73.42	-143.90	143.90	23000	.0032
92000	.30	.70	86.80	-170.13	170.13	27600	.0031
92000	.35	.65	99.45	-194.91	194.91	32200	.0031
92000	.40	.60	111.20	-217.95	217.95	36800	.0030
92000	.45	.55	121.89	-238.91	238.91	41400	.0029
92000	.50	.50	131.34	-257.42	257.42	46000	.0029
92000	.55	.45	139.32	-273.08	273.08	50600	.0028
92000	.60	.40	145.59	-285.36	285.36	55200	.0026
92000	.65	.35	149.82	-293.66	293.66	59800	.0025
92000	.70	.30	151.63	-297.19	297.19	64400	.0024
92000	.75	.25	150.47	-294.92	294.92	69000	.0022
92000	.80	.20	145.59	-285.36	285.36	73600	.0020
92000	.85	.15	135.81	-266.20	266.20	78200	.0017
92000	.90	.10	118.99	-233.22	233.22	82800	.0014
92000	.95	.05	89.97	-176.35	176.35	87400	.0010
93000	.05	.95	15.23	-29.85	29.85	4650	.0033
93000	.10	.90	30.34	-59.47	59.47	9300	.0033
93000	.15	.85	45.23	-88.64	88.64	13950	.0032
93000	.20	.80	59.76	-117.13	117.13	18600	.0032
93000	.25	.75	73.82	-144.68	144.68	23250	.0032
93000	.30	.70	87.27	-171.06	171.06	27900	.0031
93000	.35	.65	99.98	-195.97	195.97	32550	.0031
93000	.40	.60	111.80	-219.13	219.13	37200	.0030
93000	.45	.55	122.55	-240.20	240.20	41850	.0029
93000	.50	.50	132.05	-258.82	258.82	46500	.0028
93000	.55	.45	140.08	-274.56	274.56	51150	.0027
93000	.60	.40	146.38	-286.91	286.91	55800	.0026
93000	.65	.35	150.64	-295.25	295.25	60450	.0025
93000	.70	.30	152.45	-298.80	298.80	65100	.0023
93000	.75	.25	151.28	-296.52	296.52	69750	.0022
93000	.80	.20	146.38	-286.91	286.91	74400	.0020
93000	.85	.15	136.55	-267.64	267.64	79050	.0017
93000	.90	.10	119.64	-234.49	234.49	83700	.0014
93000	.95	.05	90.46	-177.31	177.31	88350	.0010
94000	.05	.95	15.31	-30.01	30.01	4700	.0033
94000	.10	.90	30.51	-59.79	59.79	9400	.0032
94000	.15	.85	45.47	-89.12	89.12	14100	.0032

94000	.20	.80	60.08	-117.76	117.76	18800	.0032
94000	.25	.75	74.21	-145.46	145.46	23500	.0032
94000	.30	.70	87.74	-171.97	171.97	28200	.0031
94000	.35	.65	100.52	-197.02	197.02	32900	.0031
94000	.40	.60	112.40	-220.30	220.30	37600	.0030
94000	.45	.55	123.21	-241.49	241.49	42300	.0029
94000	.50	.50	132.76	-260.21	260.21	47000	.0028
94000	.55	.45	140.83	-276.03	276.03	51700	.0027
94000	.60	.40	147.17	-288.44	288.44	56400	.0026
94000	.65	.35	151.44	-296.83	296.83	61100	.0025
94000	.70	.30	153.27	-300.40	300.40	65800	.0023
94000	.75	.25	152.09	-298.11	298.11	70500	.0022
94000	.80	.20	147.17	-288.44	288.44	75200	.0020
94000	.85	.15	137.28	-269.07	269.07	79900	.0017
94000	.90	.10	120.28	-235.74	235.74	84600	.0014
94000	.95	.05	90.95	-178.26	178.26	89300	.0010
95000	.05	.95	15.39	-30.17	30.17	4750	.0032
95000	.10	.90	30.67	-60.11	60.11	9500	.0032
95000	.15	.85	45.71	-89.59	89.59	14250	.0032
95000	.20	.80	60.40	-118.38	118.38	19000	.0032
95000	.25	.75	74.61	-146.23	146.23	23750	.0031
95000	.30	.70	88.21	-172.89	172.89	28500	.0031
95000	.35	.65	101.05	-198.07	198.07	33250	.0030
95000	.40	.60	113.00	-221.47	221.47	38000	.0030
95000	.45	.55	123.86	-242.77	242.77	42750	.0029
95000	.50	.50	133.46	-261.59	261.59	47500	.0028
95000	.55	.45	141.58	-277.49	277.49	52250	.0027
95000	.60	.40	147.95	-289.97	289.97	57000	.0026
95000	.65	.35	152.25	-298.41	298.41	61750	.0025
95000	.70	.30	154.08	-302.00	302.00	66500	.0023
95000	.75	.25	152.90	-299.69	299.69	71250	.0021
95000	.80	.20	147.95	-289.97	289.97	76000	.0019
95000	.85	.15	138.01	-270.50	270.50	80750	.0017
95000	.90	.10	120.92	-236.99	236.99	85500	.0014
95000	.95	.05	91.43	-179.20	179.20	90250	.0010
96000	.05	.95	15.47	-30.33	30.33	4800	.0032
96000	.10	.90	30.83	-60.42	60.42	9600	.0032
96000	.15	.85	45.95	-90.06	90.06	14400	.0032
96000	.20	.80	60.72	-119.00	119.00	19200	.0032
96000	.25	.75	75.00	-147.00	147.00	24000	.0031
96000	.30	.70	88.67	-173.79	173.79	28800	.0031
96000	.35	.65	101.58	-199.11	199.11	33600	.0030
96000	.40	.60	113.59	-222.63	222.63	38400	.0030
96000	.45	.55	124.51	-244.04	244.04	43200	.0029
96000	.50	.50	134.16	-262.96	262.96	48000	.0028
96000	.55	.45	142.32	-278.95	278.95	52800	.0027
96000	.60	.40	148.72	-291.50	291.50	57600	.0026
96000	.65	.35	153.05	-299.97	299.97	62400	.0025

96000	.70	.30	154.89	-303.58	303.58	67200	.0023
96000	.75	.25	153.70	-301.26	301.26	72000	.0021
96000	.80	.20	148.72	-291.50	291.50	76800	.0019
96000	.85	.15	138.73	-271.92	271.92	81600	.0017
96000	.90	.10	121.55	-238.24	238.24	86400	.0014
96000	.95	.05	91.91	-180.14	180.14	91200	.0010
97000	.05	.95	15.55	-30.48	30.48	4850	.0032
97000	.10	.90	30.99	-60.74	60.74	9700	.0032
97000	.15	.85	46.19	-90.53	90.53	14550	.0032
97000	.20	.80	61.03	-119.62	119.62	19400	.0031
97000	.25	.75	75.39	-147.76	147.76	24250	.0031
97000	.30	.70	89.13	-174.70	174.70	29100	.0031
97000	.35	.65	102.11	-200.14	200.14	33950	.0030
97000	.40	.60	114.18	-223.79	223.79	38800	.0029
97000	.45	.55	125.16	-245.31	245.31	43650	.0029
97000	.50	.50	134.86	-264.33	264.33	48500	.0028
97000	.55	.45	143.06	-280.40	280.40	53350	.0027
97000	.60	.40	149.50	-293.01	293.01	58200	.0026
97000	.65	.35	153.84	-301.53	301.53	63050	.0024
97000	.70	.30	155.69	-305.16	305.16	67900	.0023
97000	.75	.25	154.50	-302.83	302.83	72750	.0021
97000	.80	.20	149.50	-293.01	293.01	77600	.0019
97000	.85	.15	139.46	-273.33	273.33	82450	.0017
97000	.90	.10	122.18	-239.48	239.48	87300	.0014
97000	.95	.05	92.39	-181.08	181.08	92150	.0010
98000	.05	.95	15.63	-30.64	30.64	4900	.0032
98000	.10	.90	31.15	-61.05	61.05	9800	.0032
98000	.15	.85	46.43	-91.00	91.00	14700	.0032
98000	.20	.80	61.34	-120.24	120.24	19600	.0031
98000	.25	.75	75.78	-148.52	148.52	24500	.0031
98000	.30	.70	89.59	-175.59	175.59	29400	.0030
98000	.35	.65	102.64	-201.17	201.17	34300	.0030
98000	.40	.60	114.77	-224.94	224.94	39200	.0029
98000	.45	.55	125.80	-246.57	246.57	44100	.0029
98000	.50	.50	135.55	-265.69	265.69	49000	.0028
98000	.55	.45	143.80	-281.84	281.84	53900	.0027
98000	.60	.40	150.26	-294.52	294.52	58800	.0026
98000	.65	.35	154.63	-303.08	303.08	63700	.0024
98000	.70	.30	156.49	-306.73	306.73	68600	.0023
98000	.75	.25	155.30	-304.38	304.38	73500	.0021
98000	.80	.20	150.26	-294.52	294.52	78400	.0019
98000	.85	.15	140.17	-274.74	274.74	83300	.0017
98000	.90	.10	122.81	-240.71	240.71	88200	.0014
98000	.95	.05	92.86	-182.01	182.01	93100	.0010
99000	.05	.95	15.71	-30.80	30.80	4950	.0032
99000	.10	.90	31.31	-61.36	61.36	9900	.0032
99000	.15	.85	46.66	-91.46	91.46	14850	.0031
99000	.20	.80	61.66	-120.85	120.85	19800	.0031

99000	.25	.75	76.16	-149.28	149.28	24750	.0031
99000	.30	.70	90.04	-176.49	176.49	29700	.0030
99000	.35	.65	103.16	-202.19	202.19	34650	.0030
99000	.40	.60	115.35	-226.09	226.09	39600	.0029
99000	.45	.55	126.44	-247.83	247.83	44550	.0028
99000	.50	.50	136.24	-267.04	267.04	49500	.0028
99000	.55	.45	144.53	-283.28	283.28	54450	.0027
99000	.60	.40	151.03	-296.02	296.02	59400	.0025
99000	.65	.35	155.42	-304.62	304.62	64350	.0024
99000	.70	.30	157.29	-308.29	308.29	69300	.0023
99000	.75	.25	156.09	-305.93	305.93	74250	.0021
99000	.80	.20	151.03	-296.02	296.02	79200	.0019
99000	.85	.15	140.89	-276.14	276.14	84150	.0017
99000	.90	.10	123.43	-241.93	241.93	89100	.0014
99000	.95	.05	93.33	-182.94	182.94	94050	.0010
100000	.05	.95	15.79	-30.95	30.95	5000	.0032
100000	.10	.90	31.46	-61.67	61.67	10000	.0031
100000	.15	.85	46.90	-91.92	91.92	15000	.0031
100000	.20	.80	61.97	-121.46	121.46	20000	.0031
100000	.25	.75	76.55	-150.03	150.03	25000	.0031
100000	.30	.70	90.50	-177.38	177.38	30000	.0030
100000	.35	.65	103.68	-203.21	203.21	35000	.0030
100000	.40	.60	115.93	-227.22	227.22	40000	.0029
100000	.45	.55	127.08	-249.08	249.08	45000	.0028
100000	.50	.50	136.93	-268.38	268.38	50000	.0027
100000	.55	.45	145.26	-284.70	284.70	55000	.0026
100000	.60	.40	151.79	-297.51	297.51	60000	.0025
100000	.65	.35	156.20	-306.16	306.16	65000	.0024
100000	.70	.30	158.08	-309.84	309.84	70000	.0023
100000	.75	.25	156.87	-307.47	307.47	75000	.0021
100000	.80	.20	151.79	-297.51	297.51	80000	.0019
100000	.85	.15	141.60	-277.53	277.53	85000	.0017
100000	.90	.10	124.06	-243.15	243.15	90000	.0014
100000	.95	.05	93.80	-183.86	183.86	95000	.0010