ice	lowest_price	close_price	transaction_volume	transaction_amount	turnover_rate	upper_limit_price	lower_limit_p
	9.61	9.84	57414497.6	573343723.86	1.1555	10.69	8.71
	9.78	9.79	37994020.8	379869070.98	0.7647	10.84	8.84
	9.64	9.71	33045003.2	327148852.94	0.6651	10.78	8.79
	9.64	10.09	123277153.6	1263299265.82	2.4811	10.7	8.73
	9.77	9.82	57899540.8	584172459.65	1.1653	11.11	9.06
	9.76	9.95	33312100.8	335260363.4	0.6705	10.82	8.82
	9.9	10.08	44341350.4	451290822.5	0.8924	10.96	8.94
	10.02	10.04	31169784.0	319664065.01	0.6273	11.11	9.06
	9.82	9.82	33106331.2	332810196.41	0.6663	11.06	9.02
	9.43	9.44	42586331.2	415802341.55	0.8571	10.82	8.82
	9.37	9.42	24888750.4	238789236.72	0.5009	10.41	8.48
	9.35	9.51	26871182.4	258415149.48	0.5408	10.37	8.46
	9.16	9.16	46012640.0	435524161.87	0.9261	10.48	8.54
	9.12	9.3	36796356.8	349887108.46	0.7406	10.09	8.23
	9.17	9.24	24612315.2	231930926.62	0.4954	10.25	8.36
	9.21	9.31	21472220.8	203198259.72	0.4322	10.18	8.3
	9.29	9.37	16809644.8	160007836.6	0.3383	10.26	8.36
	9.21	9.41	40881803.2	389319895.09	0.8228	10.33	8.41
	9.24	9.33	29667118.4	281316488.11	0.5971	10.37	8.46
	9.26	9.4	22439156.8	213770059.4	0.4516	10.28	8.38
	9.37	9.48	24271612.8	233656085.62	0.4885	10.36	8.44
	9.35	9.36	26641332.8	255979310.39	0.5362	10.44	8.52
	9.33	9.49	21891560.0	210138998.91	0.4406	10.32	8.41
	9.39	9.52	36132492.8	348149589.09	0.7272	10.46	8.53
	9.51	9.83	66825067.2	661743833.48	1.345	10.49	8.55
	9.71	9.72	51375761.6	512496471.18	1.034	10.83	8.83
	9.66	9.76	29312915.2	289815286.12	0.59	10.71	8.73
	9.73	9.82	40609611.2	405836832.69	0.8173	10.75	8.76
	9.71	9.82	36608382.4	363416333.46	0.7368	10.82	8.82
	9.67	9.81	50646948.8	502016621.13	1.0193	10.82	8.82
	9.49	9.5	55033364.8	538516398.65	1.1076	10.81	8.81
	9.5	9.57	57189489.6	555794785.74	1.151	10.47	8.53
	9.46	9.56	32369249.6	313473079.91	0.6515	10.54	8.59

9.49	9.76	81482230.4	807238724.67	1.64	10.53	8.58
9.6	9.79	49221976.0	486809455.53	0.9907	10.76	8.77
9.75	9.86	77244086.4	774219081.56	1.5547	10.78	8.79
9.78	9.94	78097134.4	786881444.75	1.5718	10.86	8.86
9.94	10.08	156878299.2	1616932466.08	3.1574	10.96	8.93
10.02	10.26	80863404.8	833234918.56	1.6275	11.11	9.06
10.17	10.29	79619920.0	834013046.98	1.6025	11.3	9.21
10.19	10.24	51490017.6	537368719.02	1.0363	11.34	9.25
10.26	10.26	51783628.8	542959248.0	1.0422	11.28	9.2
9.97	9.99	49359012.8	504165755.37	0.9934	11.31	9.22
9.85	9.86	36826697.6	371901339.1	0.7412	11.01	8.98
9.82	9.94	34879952.0	350756126.46	0.702	10.87	8.86
9.64	9.73	45501027.2	451454516.12	0.9158	10.95	8.92
9.67	9.8	38732107.2	384301450.54	0.7795	10.72	8.74
9.63	9.65	33161988.8	327039734.11	0.6674	10.8	8.81
9.67	9.73	23238924.8	229686245.84	0.4677	10.63	8.67
9.66	9.69	25625217.6	252850947.72	0.5157	10.71	8.74
9.61	9.84	40310993.6	401085860.84	0.8113	10.68	8.7
9.78	9.89	36287819.2	363809608.52	0.7303	10.84	8.84
9.8	9.82	25619993.6	256090879.37	0.5156	10.9	8.89
9.81	9.99	57738008.0	585086420.49	1.1621	10.82	8.82
10.03	10.04	58869180.8	605067466.61	1.1848	11.01	8.98
10.02	10.14	77213977.6	798647398.11	1.554	11.06	9.02
10.05	10.07	44012294.4	453620675.82	0.8858	11.18	9.11
9.84	9.88	34138926.4	345191107.35	0.6871	11.09	9.04
9.88	10.19	51718475.2	530034241.71	1.0409	10.89	8.87
10.21	10.46	119239017.6	1263488269.47	2.3999	11.22	9.15
10.36	10.58	103809739.2	1112314072.29	2.0893	11.52	9.39
10.43	10.56	42898817.6	458985765.3	0.8634	11.66	9.51
10.46	10.47	90210918.4	974852493.16	1.8156	11.64	9.49
10.44	10.49	61789076.8	662860208.59	1.2436	11.54	9.41
10.39	11.11	115816198.4	1268537523.96	2.331	11.56	9.42
11.14	11.2	167880104.0	1921868262.83	3.3788	12.24	9.99
11.18	11.54	107327064.0	1242600384.03	2.1601	12.34	10.06
11.36	11.62	92823833.6	1082012993.82	1.8682	12.71	10.37

11.29	11.35	84124331.2	975147520.88	1.6931	12.81	10.44
11.02	11.12	78281078.4	891280637.28	1.5755	12.5	10.2
11.11	11.16	50889955.2	579304651.02	1.0242	12.26	9.99
10.91	10.99	49066960.0	548689882.29	0.9875	12.29	10.02
10.89	11.13	57383468.8	646189929.07	1.1549	12.11	9.88
11.07	11.34	62308902.4	711900597.79	1.2541	12.26	10.0
11.14	11.26	85232806.4	985540106.75	1.7154	12.49	10.19
11.31	11.47	103833294.4	1215618343.98	2.0898	12.4	10.11
11.02	11.21	80079348.8	911382614.97	1.6117	12.63	10.31
11.12	11.22	35369350.4	402350138.08	0.7119	12.34	10.07
10.88	10.99	63011164.8	708758053.06	1.2682	12.36	10.08
10.84	10.91	39366064.0	437563137.25	0.7923	12.11	9.88
10.74	10.79	38579048.0	425935566.26	0.7765	12.02	9.81
10.79	10.79	0.0	0.0	0.0	11.89	9.7
10.79	10.79	0.0	0.0	0.0	11.89	9.7
10.79	10.79	0.0	0.0	0.0	11.89	9.7
10.79	10.79	0.0	0.0	0.0	11.89	9.7
10.46	10.87	58877475.2	638079680.22	1.185	11.89	9.7
10.54	10.55	31536776.0	342549022.41	0.6347	11.98	9.77
10.55	10.99	51153425.6	565242730.0	1.0295	11.62	9.48
10.87	11.15	47064512.0	532338140.0	0.9472	12.11	9.88
11.01	11.04	26335995.2	297958669.65	0.5301	12.28	10.02
11.01	11.29	49904048.0	572652156.99	1.0044	12.16	9.92
10.86	11.02	52659289.6	588700878.35	1.0598	12.44	10.15
10.96	11.18	46653987.2	528778308.77	0.939	12.14	9.9
11.18	11.18	0.0	0.0	0.0	12.32	10.04
10.84	10.95	47158408.0	525548144.37	0.9491	12.32	10.04
10.83	10.83	38132939.2	423279642.24	0.7675	12.06	9.84
10.63	10.81	24144235.2	263972799.23	0.4859	11.93	9.73
10.56	10.87	30977230.4	338686769.56	0.6235	11.91	9.71
10.66	10.72	28965648.0	316218025.44	0.583	11.97	9.76
10.14	10.27	70336116.8	739553852.64	1.4156	11.81	9.64
10.14	10.27	24725892.8	257350010.21	0.4976	11.31	9.23
10.11	10.36	23374257.6	244067283.62	0.4704	11.32	9.23
10.13	10.26	25721516.8	267290821.47	0.5177	11.42	9.31

10.16	10.17	19235576.0	200273672.17	0.3871	11.31	9.22
10.08	10.16	23291369.6	240550244.85	0.4688	11.21	9.14
9.9	10.02	26051624.0	265033182.95	0.5243	11.19	9.13
9.99	10.15	44637417.6	463185180.46	0.8984	11.04	9.01
9.99	9.99	26988339.2	275973990.1	0.5432	11.18	9.12
9.79	9.81	27816126.4	279148921.41	0.5598	11.01	8.98
9.74	9.76	30612721.6	305942708.64	0.6161	10.81	8.81
9.67	9.84	19630604.8	195132657.93	0.3951	10.76	8.77
9.82	10.01	31025913.6	313896310.06	0.6244	10.84	8.84
9.94	9.99	24310443.2	247618681.39	0.4893	11.02	8.99
9.93	10.21	26542200.0	272357061.0	0.5342	11.01	8.98
10.14	10.45	51652123.2	547045567.02	1.0396	11.24	9.17
10.41	10.51	44949315.2	483915179.23	0.9047	11.51	9.39
10.33	10.48	33044670.4	350987401.75	0.6651	11.58	9.44
10.19	10.23	41437043.2	435681874.72	0.834	11.54	9.42
10.25	10.5	44134406.4	468824283.96	0.8883	11.26	9.19
10.35	10.41	39806318.4	422094930.89	0.8012	11.57	9.43
10.44	10.8	60519859.2	655990860.41	1.2181	11.47	9.36
10.63	10.71	30489635.2	331713588.27	0.6136	11.9	9.71
10.49	10.61	33036137.6	354627537.65	0.6649	11.79	9.62
10.54	10.64	54056808.0	588625678.34	1.088	11.68	9.53
10.59	10.78	43136584.0	473536553.2	0.8682	11.72	9.56
10.68	10.71	25877579.2	282634257.26	0.5208	11.88	9.69
10.42	10.46	39222886.4	418118351.17	0.7894	11.79	9.62
10.54	10.79	51887084.8	566412236.69	1.0443	11.52	9.39
10.69	10.82	39116496.0	428449004.71	0.7873	11.89	9.7
10.7	11.08	60118078.4	671466238.28	1.21	11.92	9.72
10.95	11.04	31650342.4	354921787.65	0.637	12.2	9.95
10.76	10.79	35096841.6	385645097.23	0.7064	12.16	9.93
10.69	10.79	23349598.4	255516295.38	0.4699	11.89	9.7
10.56	10.57	30235395.2	326948280.98	0.6085	11.89	9.7
10.55	10.59	19637310.4	211870053.65	0.3952	11.64	9.49
10.3	10.37	31531217.6	335512634.48	0.6346	11.66	9.51
10.33	10.6	27718798.4	296943883.7	0.5579	11.43	9.32
10.47	10.57	24012704.0	258034536.07	0.4833	11.68	9.53

10.28	10.36	30048974.4	316189448.1	0.6048	11.64	9.49
10.27	10.67	50161222.4	541258926.42	1.0096	11.42	9.31
10.44	10.58	33267211.2	358426378.72	0.6696	11.75	9.59
10.29	10.46	31021281.6	327409991.21	0.6243	11.66	9.51
10.28	10.37	22711156.8	240147611.1	0.4571	11.52	9.39
10.37	10.39	18403640.0	195599893.15	0.3704	11.42	9.31
10.01	10.02	39723126.4	408435587.18	0.7995	11.44	9.33
9.67	9.83	40055676.8	403626899.02	0.8062	11.04	9.0
9.55	9.85	43341713.6	430794176.34	0.8723	10.83	8.83
9.88	9.89	29277425.6	297294731.58	0.5893	10.85	8.85
9.71	10.1	30379792.0	308443434.42	0.6114	10.89	8.88
10.08	10.23	28885467.2	297982250.14	0.5814	11.12	9.07
10.06	10.54	49364449.6	519120708.69	0.9935	11.27	9.19
10.44	10.49	31650880.0	338285318.87	0.637	11.61	9.47
10.49	10.49	0.0	0.0	0.0	11.56	9.42
10.25	10.29	40393569.6	427197390.81	0.813	11.56	9.42
10.01	10.21	24872238.4	255822476.08	0.5006	11.33	9.24
10.0	10.09	20491755.2	210393780.91	0.4124	11.24	9.17
10.06	10.23	16744732.8	173121398.09	0.337	11.12	9.07
10.05	10.07	20033435.2	207818930.27	0.4032	11.27	9.19
10.07	10.67	74456654.4	793665407.93	1.4986	11.1	9.05
10.54	10.69	41369313.6	446200772.22	0.8326	11.75	9.59
10.18	10.28	72299417.6	755956226.09	1.4551	11.78	9.61
10.25	10.26	35200876.8	371612119.9	0.7085	11.32	9.24
10.17	10.36	20869457.6	218858305.06	0.42	11.3	9.21
10.33	10.41	18344568.0	193932841.92	0.3692	11.42	9.31
10.41	10.41	0.0	0.0	0.0	11.47	9.36
10.06	10.11	22125804.8	228178086.67	0.4453	11.47	9.36
10.02	10.06	18160891.2	185902892.07	0.3655	11.14	9.09
10.04	10.24	20811531.2	215260558.71	0.4189	11.08	9.03
10.16	10.19	16122659.2	167311100.27	0.3245	11.29	9.2
10.06	10.13	17060630.4	176663288.3	0.3434	11.22	9.15
9.93	10.16	16512812.8	168927616.39	0.3323	11.16	9.1
9.93	10.09	23556315.2	241207193.44	0.4741	11.19	9.13
10.09	10.18	27302777.6	282498705.13	0.5495	11.12	9.07

10.22	10.46	59125662.4	626906550.95	1.19	11.22	9.14
10.18	10.21	16959744.0	176591143.89	0.3413	11.52	9.39
10.14	10.29	12340320.0	128974787.01	0.2484	11.24	9.17
10.21	10.49	29389832.0	312327655.45	0.5915	11.34	9.25
10.26	10.27	25031606.4	262524756.63	0.5038	11.56	9.42
10.04	10.22	24289748.8	250805302.38	0.4889	11.31	9.23
9.82	9.86	31702099.2	322611462.21	0.6381	11.26	9.18
9.78	9.94	22018851.2	221845888.28	0.4432	10.86	8.86
9.77	9.83	15472548.8	155237150.09	0.3114	10.95	8.92
9.73	9.86	18105222.4	181407713.78	0.3644	10.83	8.83
9.83	9.86	22726473.6	228902892.19	0.4574	10.86	8.86
9.49	9.52	33544950.4	326892305.67	0.6751	10.86	8.86
9.54	9.61	34343849.6	339237350.03	0.6912	10.49	8.55
9.51	10.06	43915585.6	442778754.67	0.8839	10.59	8.64
9.97	10.05	23210393.6	236989021.73	0.4671	11.08	9.03
9.91	10.06	13912412.8	141751913.21	0.28	11.08	9.03
10.09	10.17	18738427.2	194055196.85	0.3771	11.08	9.03
9.82	9.84	22082043.2	223255648.55	0.4444	11.2	9.14
9.84	9.87	13179878.4	132855564.02	0.2653	10.84	8.84
9.64	9.71	14793448.0	146319940.06	0.2977	10.87	8.86
9.69	9.85	22532241.6	225852442.67	0.4535	10.69	8.72
9.79	10.16	38494464.0	394450696.64	0.7748	10.85	8.85
10.08	10.23	31931792.0	331621145.5	0.6427	11.19	9.13
10.21	10.3	39065876.8	410238819.28	0.7863	11.27	9.19
10.21	10.28	23440155.2	245495549.17	0.4718	11.35	9.26
10.38	10.47	45593196.8	484862606.03	0.9176	11.32	9.24
10.23	10.38	22682713.6	238721167.16	0.4565	11.54	9.41
10.26	10.36	28689560.0	303128869.74	0.5774	11.44	9.32
10.22	10.53	30511107.2	320967355.97	0.6141	11.42	9.31
10.32	10.38	41972617.6	445806720.04	0.8448	11.6	9.46
10.35	10.44	21343430.4	226229997.44	0.4296	11.44	9.32
10.22	10.28	20732348.8	217220440.4	0.4173	11.51	9.38
10.24	10.29	15472848.0	162043542.16	0.3114	11.32	9.24
10.26	10.42	18168406.4	190845599.3	0.3657	11.34	9.25
10.27	10.32	25349862.4	266509045.0	0.5102	11.48	9.36

10.15	10.19	26442763.2	274797640.68	0.5322	11.37	9.27
10.19	10.29	28680084.8	299361827.38	0.5772	11.22	9.15
10.07	10.12	34734224.0	357983655.8	0.6991	11.33	9.24
9.81	9.85	31883521.6	322231061.46	0.6417	11.16	9.09
9.79	9.82	17538979.2	175962314.08	0.353	10.85	8.85
9.74	9.8	23018984.0	229649099.96	0.4633	10.82	8.82
9.71	9.8	21877851.2	217304746.64	0.4403	10.8	8.81
9.72	9.86	21250929.6	212748299.39	0.4277	10.8	8.81
9.66	9.68	30231067.2	299733095.51	0.6084	10.87	8.86
9.57	9.73	19434228.8	191344456.37	0.3911	10.67	8.69
9.64	9.7	13514073.6	133224388.28	0.272	10.72	8.74
9.65	9.69	15701160.0	155001382.6	0.316	10.69	8.71
9.71	9.81	25039184.0	249152266.4	0.504	10.68	8.71
9.51	9.53	30665150.4	299555300.92	0.6172	10.81	8.81
9.74	9.76	65893180.8	660688143.35	1.3262	10.49	8.56
9.67	9.8	29097622.4	289399910.08	0.5856	10.75	8.76
9.64	9.8	18158619.2	180714661.47	0.3655	10.8	8.81
9.8	9.8	0.0	0.0	0.0	10.8	8.81
9.74	9.86	23779884.8	238162234.32	0.4786	10.8	8.81
9.71	9.79	29928331.2	298946837.94	0.6024	10.87	8.86
9.7	9.74	13898008.0	137984147.26	0.2797	10.79	8.8
9.66	9.73	13813014.4	137072020.23	0.278	10.73	8.75
9.61	9.63	30400710.4	300294554.4	0.6119	10.72	8.74
9.52	9.58	13588969.6	132825569.47	0.2735	10.61	8.65
9.22	9.24	30837841.6	294609844.2	0.6207	10.56	8.61
9.16	9.38	25180428.8	238364620.68	0.5068	10.18	8.3
9.22	9.42	20496110.4	194558357.2	0.4125	10.34	8.42
9.38	9.41	15142001.6	146041768.92	0.3048	10.39	8.47
9.4	9.42	23457364.8	227230409.71	0.4721	10.37	8.46
9.33	9.49	17575894.4	168904809.19	0.3537	10.37	8.46
9.43	9.47	15914440.0	153908343.43	0.3203	10.46	8.53
9.42	9.47	11804228.8	113827420.34	0.2376	10.43	8.51
9.46	9.51	22207608.0	214959828.77	0.447	10.43	8.51
9.27	9.39	18108694.4	173347070.98	0.3645	10.47	8.54
9.34	9.4	20574843.2	197105655.18	0.4141	10.35	8.44

9.39	9.57	41837977.6	402708862.56	0.8421	10.36	8.44
9.3	9.31	23665756.8	227563714.53	0.4763	10.55	8.6
9.29	9.45	39052808.0	375880600.61	0.786	10.26	8.36
9.3	9.42	21304184.0	204143668.3	0.4288	10.41	8.49
9.36	9.69	35382185.6	345938687.24	0.7121	10.39	8.47
9.69	9.69	0.0	0.0	0.0	10.68	8.71
9.69	9.69	0.0	0.0	0.0	10.68	8.71
9.69	9.69	0.0	0.0	0.0	10.68	8.71
9.69	9.69	0.0	0.0	0.0	10.68	8.71
9.69	9.69	0.0	0.0	0.0	10.68	8.71
9.69	9.69	0.0	0.0	0.0	10.68	8.71
9.69	9.69	0.0	0.0	0.0	10.68	8.71
9.69	9.69	0.0	0.0	0.0	10.68	8.71
10.03	10.32	93868105.6	972826838.06	1.8892	10.68	8.71
10.23	10.27	53278152.0	558095289.53	1.0723	11.37	9.27
10.14	10.23	27722475.2	288275828.21	0.558	11.32	9.23
10.1	10.11	29625438.4	307694774.13	0.5963	11.27	9.19
10.11	10.41	39139753.6	410098475.18	0.7877	11.14	9.09
10.27	10.45	36794313.6	388800516.45	0.7405	11.46	9.35
10.31	10.35	25249304.0	266559528.16	0.5082	11.51	9.39
10.17	10.2	19533817.6	203101561.37	0.3931	11.4	9.3
10.19	10.39	27563611.2	290646927.3	0.5548	11.24	9.16
10.39	10.39	0.0	0.0	0.0	11.45	9.34
10.33	10.4	29138955.2	307363109.86	0.5865	11.45	9.34
10.19	10.26	34410700.8	359692320.5	0.6926	11.46	9.34
10.14	10.21	17367430.4	179835126.78	0.3495	11.3	9.21
10.11	10.22	32208932.8	334137680.07	0.6483	11.24	9.17
10.06	10.11	43790747.2	451825392.7	0.8814	11.26	9.18
10.08	10.11	24110475.2	248573519.74	0.4853	11.14	9.09
10.11	10.11	35872923.2	372071628.86	0.722	11.14	9.09
10.04	10.14	24042380.8	247188092.82	0.4839	11.14	9.09
10.11	10.22	50783641.6	525337436.12	1.0221	11.17	9.11
10.2	10.23	36202817.6	376851578.6	0.7286	11.26	9.18
10.16	10.37	58256744.0	609181793.82	1.1725	11.26	9.19
10.31	10.41	71618737.6	759502545.98	1.4414	11.43	9.32

10.39	10.61	73622694.4	793135013.59	1.4818	11.46	9.35
10.47	10.52	42083939.2	451402731.51	0.847	11.69	9.54
10.49	10.6	46659409.6	504303650.4	0.9391	11.59	9.45
10.59	10.76	46555708.8	505353972.51	0.937	11.68	9.53
10.59	10.63	56066768.0	614488157.85	1.1284	11.85	9.66
10.39	10.43	53019862.4	565065414.51	1.0671	11.71	9.54
10.3	10.33	32219408.0	339797437.23	0.6485	11.49	9.36
10.36	10.47	46205232.0	491703683.23	0.9299	11.38	9.28
10.24	10.37	84885830.4	891070587.16	1.7085	11.54	9.41
10.23	10.27	43303659.2	451971838.24	0.8716	11.43	9.32
10.26	10.36	38004891.2	398818640.24	0.7649	11.31	9.23
10.11	10.13	70394248.0	738597782.94	1.4168	11.42	9.31
9.99	9.99	41287793.6	423785019.35	0.831	11.16	9.1
9.93	10.08	26858483.2	273741706.95	0.5406	11.01	8.98
9.96	10.05	26794358.4	272964685.46	0.5393	11.11	9.06
9.86	9.88	32486476.8	328052072.02	0.6538	11.08	9.03
9.84	9.89	24064644.8	242481943.37	0.4843	10.88	8.87
9.81	9.95	28702158.4	288804701.12	0.5777	10.9	8.89
9.81	9.84	19042574.4	190843191.14	0.3833	10.96	8.94
9.82	9.86	13193793.6	132200780.9	0.2655	10.84	8.84
9.86	9.88	17793473.6	179214161.15	0.3581	10.86	8.86
9.68	9.69	32717275.2	325213025.11	0.6585	10.88	8.87
9.49	9.56	30218534.4	295267351.97	0.6082	10.68	8.71
9.57	9.65	17009993.6	166628762.1	0.3424	10.54	8.59
9.49	9.67	29406806.4	287161666.09	0.5919	10.63	8.67
9.6	9.82	31020086.4	306955607.67	0.6243	10.65	8.69
9.64	9.67	14911542.4	147459895.94	0.3001	10.82	8.82
9.57	9.76	31519760.0	308914111.28	0.6344	10.66	8.69
9.62	9.73	16822984.0	166106126.3	0.3386	10.75	8.76
9.67	10.04	44124713.6	443771885.61	0.8881	10.71	8.74
9.96	10.02	54039153.6	554098558.94	1.0876	11.06	9.02
9.88	9.94	21387707.2	216401785.63	0.4305	11.04	9.0
9.82	9.82	19032190.4	191093631.74	0.3831	10.96	8.93
9.84	9.99	25536144.0	258852703.32	0.514	10.82	8.82
9.96	10.06	21982697.6	223742895.38	0.4424	11.01	8.98

9.99	10.19	41291979.2	426240160.57	0.8311	11.08	9.03
10.05	10.09	31580979.2	325312458.45	0.6356	11.23	9.16
10.07	10.31	76486436.8	802959347.21	1.5394	11.12	9.07
10.19	10.37	33427784.0	350401197.35	0.6728	11.36	9.26
10.12	10.19	45346307.2	470733980.58	0.9127	11.42	9.31
10.12	10.18	26658729.6	277246091.0	0.5365	11.23	9.16
10.23	10.32	41787536.0	438591386.09	0.841	11.22	9.14
10.21	10.23	25837934.4	269467354.71	0.52	11.37	9.27
10.19	10.27	22447291.2	233813673.32	0.4518	11.26	9.19
10.13	10.21	40916950.4	423783684.63	0.8235	11.32	9.23
10.11	10.17	28020795.2	289312156.89	0.564	11.24	9.17
9.91	9.93	34188280.0	347527135.92	0.6881	11.2	9.14
9.88	9.91	20708534.4	209027541.74	0.4168	10.94	8.92
9.84	9.84	26003168.0	261354027.99	0.5234	10.92	8.91
9.77	9.79	33113600.0	332240259.18	0.6665	10.84	8.84
9.71	9.84	21512764.8	213764770.95	0.433	10.79	8.8
9.67	9.68	24048817.6	238216900.7	0.484	10.84	8.84
9.68	9.79	21342398.4	211749263.46	0.4295	10.67	8.69
9.62	9.66	25258110.4	248755815.81	0.5084	10.79	8.8
9.64	9.69	13711176.0	135114970.99	0.276	10.64	8.68
9.73	9.81	18175836.8	180941174.39	0.3658	10.68	8.7
9.81	9.81	0.0	0.0	0.0	10.81	8.81
9.63	9.65	31051798.4	305714006.6	0.625	10.81	8.81
9.58	9.59	15828675.2	154918936.89	0.3186	10.63	8.67
9.53	9.71	21952379.2	215529424.6	0.4418	10.57	8.62
9.61	9.79	45889377.6	453701959.2	0.9236	10.7	8.73
9.58	9.64	34740148.8	341898721.94	0.6992	10.78	8.79
9.56	9.64	24520204.8	239888127.41	0.4935	10.63	8.66
9.61	9.69	25336486.4	249589889.63	0.5099	10.62	8.66
9.44	9.46	27484462.4	266890999.7	0.5532	10.68	8.71
9.37	9.37	39383051.2	377715348.93	0.7926	10.42	8.49
9.36	9.41	30217608.0	288959593.67	0.6082	10.33	8.41
9.31	9.34	21008396.8	201455942.18	0.4228	10.36	8.45
9.06	9.09	63609158.4	593133488.89	1.2802	10.29	8.39
9.03	9.07	42481457.6	393125606.12	0.855	10.01	8.16

8.86	8.91	47704857.6	434459161.31	0.9601	10.0	8.15
8.89	9.11	41618659.2	383736096.78	0.8376	9.82	8.01
8.96	8.98	20876518.4	191929252.73	0.4202	10.03	8.18
9.02	9.31	67672251.2	636342590.66	1.362	9.89	8.07
9.24	9.34	31797336.0	301170873.07	0.64	10.26	8.36
9.27	9.36	23987936.0	228553094.85	0.4828	10.29	8.39
9.33	9.35	22993140.8	220127613.74	0.4628	10.32	8.41
9.12	9.14	23173273.6	217217298.46	0.4664	10.3	8.4
9.06	9.06	26297334.4	245383804.09	0.5293	10.07	8.21
9.07	9.14	21587780.8	201321556.28	0.4345	9.99	8.14
9.08	9.12	13084212.8	121766283.88	0.2633	10.07	8.21
9.02	9.04	16135547.2	149964627.19	0.3248	10.05	8.19
9.02	9.31	29528731.2	278224208.03	0.5943	9.96	8.12
9.21	9.3	24903217.6	234575309.38	0.5012	10.26	8.36
9.22	9.29	19796472.0	187834407.74	0.3984	10.25	8.36
9.29	9.38	31627134.4	302421601.13	0.6365	10.23	8.34
9.3	9.32	16463472.0	156808693.53	0.3314	10.34	8.42
9.05	9.29	26472720.0	247858071.41	0.5328	10.27	8.38
9.02	9.02	25752358.4	238871825.79	0.5183	10.24	8.35
9.02	9.15	19793582.4	183975551.17	0.3984	9.94	8.11
9.07	9.12	12071105.6	112224822.82	0.2429	10.08	8.22
8.99	9.13	31156937.6	287704677.24	0.6271	10.05	8.19
9.05	9.19	17712008.0	165726982.19	0.3565	10.06	8.2
9.11	9.11	17376425.6	162268372.87	0.3497	10.13	8.26
9.09	9.23	14656185.6	136786583.35	0.295	10.04	8.19
9.11	9.21	12097980.8	112967981.6	0.2435	10.16	8.29
9.13	9.22	21802195.2	204768495.46	0.4388	10.15	8.28
9.09	9.11	17077444.8	158679773.68	0.3437	10.16	8.28
8.99	9.09	24079012.8	221835965.5	0.4846	10.04	8.19
9.04	9.08	16150928.0	149950270.25	0.3251	10.01	8.16
8.97	8.98	15744790.4	144875476.5	0.3169	10.01	8.16
8.96	8.99	11664494.4	107285515.01	0.2348	9.89	8.07
8.99	9.05	17545696.0	162335583.38	0.3531	9.91	8.07
9.06	9.11	18948209.6	176839232.63	0.3814	9.98	8.13
9.12	9.27	24501550.4	230444678.28	0.4931	10.04	8.19

9.21	9.31	19498768.0	184236838.88	0.3924	10.21	8.32
9.24	9.31	14252369.6	134826279.78	0.2869	10.26	8.36
9.23	9.3	15101940.8	142870686.69	0.3039	10.26	8.36
9.27	9.27	24529953.6	232307814.3	0.4937	10.25	8.36
9.17	9.18	25572124.8	239640601.1	0.5147	10.21	8.32
9.17	9.23	18806673.6	176391109.63	0.3785	10.12	8.24
9.15	9.23	13720115.2	128443492.44	0.2761	10.17	8.29
9.25	9.26	16879707.2	159571475.87	0.3397	10.17	8.29
9.22	9.23	17278502.4	163090050.2	0.3478	10.2	8.31
9.17	9.37	28859235.2	273064271.4	0.5808	10.16	8.29
9.21	9.27	18582744.0	175631850.3	0.374	10.33	8.41
9.12	9.15	23490558.4	219340232.71	0.4728	10.21	8.32
9.13	9.24	16639516.8	156222181.08	0.3349	10.08	8.22
9.04	9.11	24927206.4	231016483.29	0.5017	10.19	8.3
9.04	9.07	20835156.8	192757792.84	0.4193	10.04	8.19
8.96	9.0	20029227.2	183731116.96	0.4031	10.0	8.15
8.92	8.97	21006249.6	191921629.99	0.4228	9.92	8.08
8.81	8.81	30108656.0	271871988.76	0.606	9.88	8.06
8.61	8.65	26841481.6	237771012.14	0.5402	9.71	7.91
8.6	8.81	25457436.8	226308461.23	0.5124	9.53	7.77
8.7	8.76	11117384.0	99043803.55	0.2238	9.71	7.91
8.68	8.76	14379715.2	128124859.89	0.2894	9.65	7.86
8.7	8.7	13699070.4	122564449.94	0.2757	9.65	7.86
8.69	8.71	16180790.4	143818630.7	0.3257	9.59	7.81
8.47	8.5	33240928.0	290805051.52	0.669	9.6	7.82
8.29	8.34	27550428.8	235084951.3	0.5545	9.37	7.63
8.31	8.41	16569660.8	141626695.72	0.3335	9.19	7.49
8.43	8.71	45078036.8	398458814.81	0.9073	9.27	7.56
8.55	8.63	37884475.2	332644839.05	0.7625	9.6	7.82
8.53	8.59	13989897.6	122118845.47	0.2816	9.51	7.74
8.49	8.57	19592449.6	171431985.97	0.3943	9.47	7.72
8.51	8.51	13190811.2	115132802.08	0.2655	9.44	7.69
8.49	8.61	24523646.4	214681376.89	0.4936	9.38	7.64
8.38	8.4	18354300.8	158729295.74	0.3694	9.49	7.74
8.26	8.28	19600310.4	166389844.32	0.3945	9.26	7.54

8.09	8.17	29495374.4	245924734.68	0.5936	9.12	7.43
7.96	7.96	29015384.0	237807067.04	0.584	9.0	7.34
7.85	7.88	25202012.8	203492201.14	0.5072	8.78	7.15
7.7	7.9	28649001.6	228728957.64	0.5766	8.69	7.08
7.77	7.79	15812150.4	126342879.44	0.3182	8.71	7.09
7.71	7.73	11326264.0	89861905.27	0.228	8.59	7.0
7.73	7.98	34461934.4	279689532.19	0.6936	8.52	6.94
7.89	8.04	24153235.2	196802873.12	0.4861	8.79	7.16
7.89	7.93	17021812.8	138955171.56	0.3426	8.86	7.22
7.96	8.14	26370526.4	218229445.32	0.5307	8.74	7.12
8.08	8.14	15962492.8	132165223.99	0.3213	8.97	7.31
8.07	8.09	15319664.0	126809878.08	0.3083	8.97	7.31
8.09	8.14	16232304.0	135067769.96	0.3267	8.92	7.27
7.99	8.02	14259116.8	117114361.04	0.287	8.97	7.31
8.0	8.09	20215438.4	167235923.72	0.4069	8.84	7.2
8.1	8.18	19500982.4	162229783.94	0.3925	8.92	7.27
8.17	8.28	25468606.4	214090085.33	0.5126	9.02	7.34
8.24	8.29	16114097.6	135099116.99	0.3243	9.11	7.44
8.2	8.31	21454291.2	179787006.09	0.4318	9.13	7.45
8.19	8.21	18689312.0	156357629.04	0.3762	9.16	7.47
8.16	8.2	14392454.4	119926217.21	0.2897	9.04	7.38
8.14	8.15	19740406.4	163551589.2	0.3973	9.03	7.37
7.96	7.98	27420817.6	224201688.28	0.5519	8.98	7.33
7.94	7.98	20742708.8	167853284.86	0.4175	8.78	7.17
7.97	8.07	22867465.6	186512278.69	0.4602	8.79	7.18
8.06	8.12	12020072.0	98717440.7	0.2419	8.89	7.26
8.11	8.26	22080552.0	184644046.1	0.4444	8.94	7.29
8.25	8.35	26133915.2	219877328.18	0.526	9.09	7.42
8.33	8.4	23480744.0	199475093.95	0.4726	9.19	7.51
8.26	8.38	20828712.0	175738851.97	0.4192	9.25	7.55
8.29	8.36	14107014.4	119251179.17	0.2839	9.23	7.53
8.26	8.26	13556507.2	113907732.12	0.2728	9.21	7.52
8.23	8.28	9947320.0	83239025.59	0.2002	9.09	7.42
8.26	8.41	23255846.4	196914077.28	0.4681	9.12	7.44
8.26	8.28	15989654.4	134504039.19	0.3218	9.26	7.56

8.23	8.26	12042204.8	100889380.48	0.2424	9.12	7.44
8.08	8.11	12243152.0	101637298.09	0.2464	9.09	7.42
7.97	8.08	23609371.2	192143859.96	0.4752	8.94	7.29
7.98	8.07	15739094.4	128001550.47	0.3168	8.9	7.26
7.97	8.07	12761289.6	104041954.61	0.2568	8.89	7.26
8.01	8.18	17268299.2	141558178.39	0.3476	8.89	7.25
8.09	8.11	7774249.6	63994755.4	0.1565	9.01	7.35
8.11	8.18	12850907.2	106505908.54	0.2586	8.94	7.29
8.08	8.1	9179668.8	75519850.41	0.1848	9.01	7.35
8.06	8.13	14200390.4	116511892.46	0.2858	8.92	7.28
8.07	8.07	11541780.8	94731376.21	0.2323	8.96	7.31
7.86	7.86	32795875.2	263156035.32	0.6601	8.89	7.26
7.83	7.89	15463385.6	123711330.26	0.3112	8.65	7.06
7.71	7.74	22516452.8	177383533.65	0.4532	8.69	7.09
7.69	7.83	18707849.6	147537061.62	0.3765	8.53	6.96
7.79	8.26	64378228.8	532826184.06	1.2957	8.63	7.04
8.21	8.34	57762438.4	486216797.35	1.1626	9.1	7.43
8.32	8.66	73050856.0	632609126.84	1.4703	9.18	7.49
8.56	8.84	77090305.6	681366281.37	1.5516	9.53	7.78
8.7	8.71	41709284.8	370736004.0	0.8395	9.74	7.95
8.7	8.79	36383444.8	323505183.38	0.7323	9.59	7.83
8.68	8.68	30343880.0	268485658.99	0.6107	9.68	7.91
8.66	9.38	123862033.6	1143057892.08	2.4929	9.56	7.8
9.27	9.41	78044803.2	740677384.33	1.5708	10.33	8.43
9.29	9.42	65860720.0	630112649.62	1.3255	10.36	8.46
9.36	9.38	43452188.8	413928574.09	0.8745	10.38	8.48
9.13	9.34	46956060.8	438977127.69	0.9451	10.33	8.43
9.17	9.19	39243457.6	366606681.12	0.7898	10.28	8.39
9.16	9.22	34844534.4	327128892.45	0.7013	10.12	8.26
9.14	9.53	71981033.6	691035809.04	1.4487	10.15	8.29
9.42	9.5	49282294.4	472347389.59	0.9919	10.49	8.56
9.44	9.57	45380848.0	436845782.52	0.9134	10.46	8.54
9.5	9.64	38775860.8	377652107.94	0.7804	10.54	8.6
9.67	9.91	60589470.4	605187327.76	1.2195	10.62	8.67
9.84	9.89	71016219.2	717567546.58	1.4293	10.91	8.91

9.82	10.08	57147080.0	578450487.59	1.1502	10.89	8.89
9.81	9.89	49996659.2	501360093.66	1.0063	11.1	9.06
9.77	9.81	40212664.0	399696183.08	0.8093	10.89	8.89
9.76	9.81	38404843.2	383347732.55	0.773	10.8	8.81
9.55	9.61	40202968.0	396184765.03	0.8091	10.81	8.82
9.57	10.57	150383344.0	1568842025.43	3.0267	10.57	8.64
10.57	10.9	157450308.8	1719308611.79	3.1689	11.64	9.51
10.66	11.03	109232150.4	1198986570.13	2.1985	12.0	9.8
10.81	10.98	108123532.8	1206432377.5	2.1761	12.14	9.92
10.89	11.35	106458824.0	1201751657.46	2.1426	12.09	9.88
11.14	12.21	125141827.2	1465651627.24	2.5187	12.49	10.21
11.97	12.69	171003140.8	2167549633.15	3.4417	13.44	10.97
11.96	12.43	101711753.6	1266082619.38	2.0471	13.98	11.41
11.96	12.05	137157824.0	1709191459.89	2.7605	13.68	11.18
11.73	11.86	98289996.8	1178016297.69	1.9782	13.27	10.84
11.87	13.06	186239238.4	2365203176.56	3.7483	13.06	10.67
12.79	13.26	173263196.8	2288064728.03	3.4872	14.38	11.74
12.89	13.22	93379996.8	1233766328.8	1.8794	14.59	11.92
12.89	13.08	66541472.0	873902880.82	1.3392	14.56	11.89
12.89	13.91	131852873.6	1793445732.28	2.6537	14.4	11.76
13.46	13.65	137187198.4	1906659481.43	2.7611	15.31	12.51
13.14	13.51	68302560.0	927037954.01	1.3747	15.02	12.27
13.3	13.56	60932251.2	827479697.33	1.2264	14.87	12.14
12.59	12.93	93780307.2	1230117762.63	1.8875	14.93	12.19
12.64	12.86	73923945.6	958773537.96	1.4878	14.23	11.62
12.85	12.96	67490099.2	887486899.67	1.3583	14.16	11.57
12.81	12.9	77841358.4	1017085047.39	1.5667	14.26	11.65
12.2	12.58	105465232.0	1324230513.39	2.1226	14.2	11.6
11.81	12.14	118439164.8	1445657255.14	2.3838	13.85	11.31
11.74	11.84	74975236.8	907188824.67	1.509	13.37	10.92
11.91	12.4	98608107.2	1218835617.11	1.9846	13.04	10.65
12.21	12.93	165570356.8	2186227768.92	3.3324	13.65	11.15
12.93	13.03	112108260.8	1492890619.61	2.2563	14.23	11.62
13.04	14.27	179182675.2	2487830673.95	3.6063	14.34	11.72
13.87	14.31	166051808.0	2371270423.52	3.342	15.71	12.83

13.35	13.49	175804734.4	2429985322.13	3.5383	15.75	12.86
13.51	14.85	187037963.2	2700253294.92	3.7644	14.85	12.13
14.84	15.05	182124964.8	2762182933.51	3.6655	16.34	13.36
14.11	14.73	142827342.4	2106340352.26	2.8746	16.57	13.54
13.93	14.18	148138926.4	2138191035.97	2.9815	16.21	13.25
13.55	14.04	91726937.6	1288820731.77	1.8461	15.61	12.75
13.21	13.47	134523049.6	1845179572.66	2.7075	15.45	12.62
13.4	13.7	133904241.6	1857825764.61	2.695	14.83	12.11
13.21	13.44	92456574.4	1259573681.67	1.8608	15.08	12.32
12.89	13.77	150971856.0	2057527326.28	3.0385	14.79	12.08
13.15	13.24	119247168.0	1605426352.84	2.4	15.16	12.38
13.04	13.33	84763392.0	1135421207.92	1.706	14.57	11.91
13.27	14.33	209499240.0	2950191928.66	4.2165	14.67	11.99
14.07	14.24	114450833.6	1640675054.05	2.3035	15.77	12.89
14.13	14.29	65892040.0	947445351.39	1.3262	15.68	12.81
14.06	14.12	72462993.6	1037164939.92	1.4584	15.72	12.85
13.69	13.73	89563680.0	1248606039.32	1.8026	15.54	12.69
13.59	13.74	61759508.8	859815735.28	1.243	15.11	12.35
12.36	12.41	188006921.6	2385878244.64	3.7839	15.12	12.36
12.17	12.47	91175747.2	1139477701.01	1.835	13.66	11.16
12.46	12.64	61686692.8	786200275.63	1.2415	13.72	11.21
12.51	12.67	74088760.0	952838171.55	1.4911	13.91	11.36
12.59	12.67	35934342.4	461545655.32	0.7232	13.94	11.39
12.13	12.35	65234363.2	808525756.64	1.3129	13.96	11.4
12.34	12.36	60878579.2	763834471.96	1.2253	13.59	11.11
11.85	12.02	81242734.4	988314138.13	1.6351	13.6	11.11
11.95	12.02	49886238.4	607690397.79	1.004	13.23	10.81
11.64	11.71	128851646.4	1535799805.78	2.5933	13.24	10.81
11.4	11.49	91353118.4	1065287824.88	1.8386	12.89	10.52
11.21	11.61	104878796.8	1213261316.12	2.1108	12.66	10.33
11.18	11.45	102832505.6	1180893505.41	2.0697	12.79	10.44
11.2	11.83	144199147.2	1685861523.68	2.9022	12.61	10.29
11.73	12.54	236540819.2	2902667289.04	4.7607	13.02	10.64
12.34	12.54	110866305.6	1396575706.79	2.2314	13.81	11.28
11.8	11.82	128425500.8	1559983319.08	2.5848	13.8	11.27

11.49	12.02	117340873.6	1397785379.57	2.3617	13.01	10.63
11.61	11.66	71496940.8	847664653.59	1.439	13.23	10.81
11.55	11.58	53878236.8	637945787.35	1.0844	12.84	10.49
11.39	11.71	38011646.4	445019639.6	0.765	12.75	10.41
11.68	12.22	115220176.0	1419670056.36	2.319	12.89	10.53
12.19	12.59	134487148.8	1700266275.23	2.7068	13.46	10.99
12.32	12.55	67867334.4	854343021.15	1.3659	13.86	11.32
12.34	12.63	100605940.8	1286250136.06	2.0248	13.82	11.29
12.27	12.47	77378099.2	967721584.5	1.5574	13.91	11.36
12.33	12.51	61799726.4	779054967.85	1.2438	13.73	11.22
12.27	12.34	51820768.0	645920619.03	1.043	13.77	11.25
11.84	11.95	79705726.4	963271659.0	1.6042	13.59	11.1
11.86	11.96	38733251.2	466686514.7	0.7796	13.16	10.74
11.8	12.59	130098539.2	1620143081.21	2.6184	13.16	10.75
12.34	12.64	95329120.0	1207256065.34	1.9186	13.86	11.32
12.63	13.01	140315932.8	1842617465.42	2.8241	13.91	11.36
12.86	13.08	71611926.4	938805120.12	1.4413	14.32	11.69
12.97	13.12	66098153.6	872231924.76	1.3303	14.4	11.76
12.71	12.72	81185505.6	1054439744.92	1.634	14.44	11.79
12.59	12.83	53249593.6	686838474.09	1.0717	14.0	11.44
12.57	12.66	57367372.8	737775163.85	1.1546	14.12	11.53
12.54	13.39	125378737.6	1653684468.01	2.5234	13.93	11.38
13.16	13.19	85215640.0	1140654689.62	1.7151	14.74	12.04
13.06	13.14	68070668.8	905433832.77	1.37	14.52	11.86
13.01	13.01	57897926.4	767274338.51	1.1653	14.47	11.82
12.89	12.96	55006865.6	720122808.96	1.1071	14.32	11.7
12.88	13.1	70745105.6	930180295.54	1.4239	14.27	11.66
12.78	12.9	48919211.2	636042473.75	0.9846	14.42	11.78
12.42	12.47	69643200.0	883833841.13	1.4017	14.2	11.6
12.02	12.1	64320152.0	795705785.64	1.2945	13.73	11.22
11.49	11.64	61014814.4	717936645.11	1.228	13.32	10.88
11.64	11.81	52568537.6	625125433.75	1.058	12.81	10.46
11.74	11.92	49473635.2	596190236.31	0.9957	13.0	10.61
12.05	12.22	62335900.8	770155934.76	1.2546	13.12	10.72
11.86	11.92	59196404.8	714070026.84	1.1914	13.46	10.99

11.07	11.18	90306654.0	1029738098.75	1.8176	13.11	10.73
10.85	11.28	61400269.0	687937853.08	1.2358	12.3	10.06
10.15	10.15	116667177.0	1210827534.89	2.3481	12.41	10.15
9.14	9.98	171716261.0	1643643139.99	3.456	11.17	9.14
9.58	9.76	101715108.0	992741102.21	2.0472	10.98	8.98
9.54	9.6	83586702.0	819712907.79	1.6823	10.74	8.78
9.3	9.97	92664394.0	909148137.88	1.865	10.56	8.64
9.44	9.75	80019667.0	775396045.21	1.6105	10.97	8.97
9.37	9.6	81375374.0	776186597.41	1.6378	10.73	8.78
9.27	9.33	77115847.0	723581993.94	1.5521	10.56	8.64
9.01	9.37	80515991.0	750347517.3	1.6205	10.26	8.4
9.34	9.37	64144625.0	606232514.09	1.291	10.31	8.43
8.97	8.99	59500689.0	542811642.97	1.1975	10.31	8.43
8.97	9.0	51215066.0	463017597.7	1.0308	9.89	8.09
8.99	9.4	74724160.0	686265861.11	1.5039	9.9	8.1
9.5	10.34	173361147.0	1737228158.33	3.4892	10.34	8.46
10.26	10.34	211854392.0	2237236039.89	4.2639	11.37	9.31
10.04	10.51	134165941.0	1397980250.29	2.7003	11.37	9.31
10.14	10.38	101622760.0	1045499593.52	2.0453	11.56	9.46
10.1	10.14	67368850.0	691750077.91	1.3559	11.42	9.34
9.78	9.82	80668722.0	798982772.87	1.6236	11.15	9.13
9.41	9.43	82736795.0	797155403.89	1.6652	10.8	8.84
9.12	9.42	65837734.0	613752232.83	1.3251	10.37	8.49
9.41	9.96	124744343.0	1234752070.51	2.5107	10.36	8.48
9.55	9.76	89972184.0	872706967.87	1.8108	10.96	8.96
9.7	9.81	68987419.0	681137678.21	1.3885	10.74	8.78
9.55	9.64	46505056.0	448749602.76	0.936	10.79	8.83
9.36	9.41	49813033.0	469746110.24	1.0026	10.6	8.68
9.46	9.68	67454102.0	655829212.35	1.3576	10.35	8.47
9.55	9.59	45446880.0	442922514.4	0.9147	10.65	8.71
9.61	9.92	76275024.0	748544183.0	1.5351	10.55	8.63
9.79	9.82	57741738.0	571090992.19	1.1621	10.91	8.93
9.77	9.94	53143066.0	524425093.69	1.0696	10.8	8.84
9.78	9.92	59617992.0	588829766.16	1.1999	10.93	8.95
9.85	9.93	74376400.0	743841164.06	1.4969	10.91	8.93

9.83	9.89	54585924.0	542967002.32	1.0986	10.92	8.94
9.75	9.85	49763448.0	491213382.26	1.0016	10.88	8.9
9.85	10.33	134836323.0	1373703608.84	2.7138	10.84	8.87
10.25	10.5	120349664.0	1252254433.57	2.4222	11.36	9.3
10.38	10.43	116474457.0	1237080458.96	2.3442	11.55	9.45
10.18	10.2	58675655.0	605654333.36	1.1809	11.47	9.39
10.01	10.58	253143445.0	2723081517.34	5.0949	11.22	9.18
10.22	10.79	158560398.0	1677377440.63	3.1913	11.64	9.52
10.59	11.0	153186709.0	1676956557.72	3.0831	11.87	9.71
10.75	10.91	62680482.0	682275389.53	1.2615	12.1	9.9
10.81	10.95	79080656.0	874059822.09	1.5916	12.0	9.82
10.44	10.62	104396124.0	1116168173.72	2.1011	12.05	9.86
10.5	10.9	74327448.0	803066317.5	1.496	11.68	9.56
10.76	10.88	58688427.0	638179743.86	1.1812	11.99	9.81
10.53	10.63	68220316.0	728468800.66	1.373	11.97	9.79
10.6	10.64	55125304.0	590423919.48	1.1095	11.69	9.57
10.52	10.61	52029079.0	555844986.27	1.0472	11.7	9.58
10.63	10.75	50023178.0	537024098.67	1.0068	11.67	9.55
10.72	11.2	115757165.0	1276796971.62	2.3298	11.83	9.68
11.05	11.08	89262009.0	1001844645.22	1.7965	12.32	10.08
10.98	11.03	34323007.0	379657109.54	0.6908	12.19	9.97
11.03	11.03	0.0	0.0	0.0	12.13	9.93
11.28	12.13	220449384.0	2639382239.98	4.4369	12.13	9.93
11.99	12.44	208529430.0	2574801565.93	4.197	13.34	10.92
12.2	12.69	170823000.0	2186675902.7	3.4381	13.68	11.2
12.4	13.47	183054040.0	2418432405.43	3.6842	13.96	11.42
13.03	13.21	119131992.0	1587326741.69	2.3977	14.82	12.12
12.67	13.2	143436615.0	1874388802.02	2.8869	14.53	11.89
12.75	12.79	94002603.0	1224996825.98	1.8919	14.52	11.88
12.51	12.79	61700281.0	786897819.5	1.2418	14.07	11.51
12.62	12.88	72379517.0	928672793.64	1.4567	14.07	11.51
11.97	12.27	145618921.0	1786488324.55	2.9308	14.17	11.59
11.98	12.03	77993068.0	949782704.6	1.5697	13.5	11.04
11.5	11.66	86071180.0	1002417073.84	1.7323	13.23	10.83
11.6	11.9	68751989.0	810756853.63	1.3837	12.83	10.49

11.82	11.88	37360168.0	445333345.99	0.7519	13.09	10.71
11.51	12.21	73757471.0	888899048.47	1.4845	13.07	10.69
12.02	12.55	84408432.0	1054297732.23	1.6988	13.43	10.99
12.2	12.28	77626822.0	967348779.53	1.5624	13.81	11.3
12.36	12.69	92298675.0	1165261987.47	1.8576	13.51	11.05
12.47	12.49	55293904.0	693548135.92	1.1129	13.96	11.42
12.13	12.21	48446347.0	594407018.8	0.9751	13.74	11.24
11.93	12.01	45239616.0	544119398.61	0.9105	13.43	10.99
12.0	12.0	31361587.0	378747302.33	0.6312	13.21	10.81
11.96	12.2	51565253.0	631501169.67	1.0378	13.2	10.8
12.02	12.33	60301258.0	736781226.31	1.2137	13.42	10.98
12.01	12.05	51490012.0	623986662.59	1.0363	13.56	11.1
12.16	12.58	154335727.0	1957187893.23	3.1062	13.26	10.85
12.4	13.0	147778442.0	1909977919.84	2.9743	13.84	11.32
12.86	13.43	144110740.0	1935859109.9	2.9004	14.3	11.7
12.97	13.13	87876298.0	1154607558.55	1.7686	14.77	12.09
13.15	14.12	214154014.0	2981260818.51	4.3102	14.44	11.82
13.81	14.4	132582234.0	1871874567.92	2.6684	15.53	12.71
13.75	13.9	111296872.0	1558479718.16	2.24	15.84	12.96
13.65	13.87	84492161.0	1175747324.2	1.7005	15.29	12.51
13.47	13.56	73966847.0	1013876788.52	1.4887	15.26	12.48
12.96	13.66	98703535.0	1305185643.63	1.9866	14.92	12.2
13.06	13.15	71528944.0	951290023.14	1.4396	15.03	12.29
13.1	13.27	68650390.0	913998387.86	1.3817	14.47	11.84
13.08	13.33	72008185.0	958253480.76	1.4493	14.6	11.94
13.1	13.4	61585088.0	823194162.67	1.2395	14.66	12.0
13.41	14.05	108732646.0	1510757333.52	1.95	14.74	12.06
13.27	13.33	82642150.0	1127155623.16	1.4821	15.46	12.65
12.97	13.14	96441257.0	1262294179.6	1.7296	14.66	12.0
13.06	13.36	96702975.0	1306569801.28	1.7343	14.45	11.83
13.25	14.09	128156183.0	1761157740.77	2.2984	14.7	12.02
13.77	13.82	83538392.0	1161254238.87	1.4982	15.5	12.68
13.75	13.99	70523848.0	984763585.36	1.2648	15.2	12.44
13.48	13.94	94467419.0	1289349319.98	1.6942	15.39	12.59
13.67	13.67	53878412.0	741591593.39	0.9663	15.33	12.55

13.36	13.5	53232867.0	722870924.08	0.9547	15.04	12.3
13.4	13.47	39201960.0	528774472.14	0.7031	14.85	12.15
13.37	13.57	57665667.0	783820156.66	1.0342	14.82	12.12
13.54	13.62	61904047.0	845915747.56	1.1102	14.93	12.21
13.56	13.6	62016341.0	850388532.97	1.1122	14.98	12.26
13.55	13.75	122233192.0	1682918354.65	2.1922	14.96	12.24
13.3	13.54	80243605.0	1081622694.04	1.4391	15.13	12.38
13.36	13.6	89180491.0	1217121576.48	1.5994	14.89	12.19
13.37	13.43	60748011.0	818132153.31	1.0895	14.96	12.24
13.24	13.29	48110321.0	640155445.44	0.8628	14.77	12.09
13.18	13.19	41804455.0	553192467.96	0.7497	14.62	11.96
13.2	13.29	32403351.0	429632569.48	0.5811	14.51	11.87
12.68	12.84	92520405.0	1192542528.39	1.6593	14.62	11.96
12.66	12.72	39806210.0	507708732.64	0.7139	14.12	11.56
12.45	12.55	43034386.0	540933934.9	0.7718	13.99	11.45
12.5	12.75	55566784.0	704816725.64	0.9966	13.81	11.3
12.62	12.72	36768042.0	470046209.61	0.6594	14.03	11.48
12.65	12.76	23274046.0	296740183.28	0.4174	13.99	11.45
12.5	12.5	35620149.0	450676316.92	0.6388	14.04	11.48
11.91	11.91	68133392.0	826323825.82	1.2219	13.75	11.25
11.8	11.95	41215329.0	495535274.97	0.7392	13.1	10.72
11.6	11.7	51936463.0	617009178.64	0.9314	13.15	10.75
11.53	11.72	50589941.0	589596282.35	0.9073	12.87	10.53
11.43	11.45	40230092.0	463847182.03	0.7215	12.89	10.55
11.43	11.75	63066168.0	733105813.4	1.131	12.6	10.31
11.7	11.74	43574488.0	512282784.6	0.7815	12.93	10.58
11.65	12.25	82686418.0	1002632456.46	1.4829	12.91	10.57
6.19	6.3	84656703.38	596223744.35	0.8786	7.02	5.6
6.03	6.12	95232758.62	656631302.37	0.9884	7.0	5.59
5.87	5.97	100590150.85	679280389.74	1.044	6.81	5.43
5.88	5.95	58476884.44	393977581.03	0.6069	6.65	5.3
5.89	6.02	79102432.96	538436179.47	0.821	6.62	5.27
5.96	6.06	83897673.28	576870541.36	0.8707	6.71	5.34
5.97	6.06	65871032.97	450487728.92	0.6837	6.74	5.37
5.87	5.93	82749728.68	559375166.9	0.8588	6.74	5.37

5.85	6.0	62627474.59	420715251.83	0.65	6.6	5.27
5.91	5.97	51492405.46	346733015.17	0.5344	6.68	5.32
5.92	5.98	51769801.64	350027736.14	0.5373	6.65	5.3
5.85	5.86	73183284.56	487423213.78	0.7595	6.66	5.31
5.72	5.76	53087667.62	349154110.76	0.551	6.52	5.19
5.77	5.79	45929427.66	303578631.47	0.4767	6.41	5.1
5.78	6.04	106977928.25	723523194.83	1.1103	6.45	5.13
5.96	5.99	64892610.55	439497029.27	0.6735	6.72	5.36
5.92	5.97	83857056.59	567516085.5	0.8703	6.67	5.31
5.78	5.81	76550016.66	508343010.71	0.7945	6.64	5.29
5.8	5.87	67337306.66	446213143.17	0.6989	6.47	5.15
5.87	5.91	53931706.76	361575338.86	0.5597	6.54	5.21
5.81	5.82	50356237.19	332618204.58	0.5226	6.58	5.23
5.64	5.81	72361370.74	470138332.45	0.751	6.47	5.16
5.78	5.92	100436016.53	670008707.79	1.0424	6.47	5.14
5.83	6.17	226448689.4	1569553129.56	2.3502	6.58	5.24
6.07	6.13	120030820.45	831733266.2	1.2458	6.86	5.47
6.05	6.29	210503958.07	1480576860.58	2.1847	6.82	5.43
6.14	6.21	100628358.7	701905712.73	1.0444	7.0	5.58
6.09	6.14	105221827.13	727601219.09	1.0921	6.91	5.51
5.94	5.97	102999573.27	700246034.56	1.069	6.84	5.45
5.93	6.17	170756818.98	1177763499.51	1.7722	6.64	5.29
6.02	6.02	132420970.3	919006393.91	1.3744	6.86	5.47
5.92	5.93	82943515.47	559681277.01	0.8608	6.71	5.34
5.67	5.68	115399482.87	750803476.99	1.1977	6.6	5.27
5.58	5.6	94761459.88	611611816.26	0.9835	6.32	5.02
5.58	5.64	70491729.51	453164476.7	0.7316	6.23	4.96
5.59	5.72	95918977.62	621811163.96	0.9955	6.29	5.01
5.52	5.66	77109935.99	493549146.34	0.8003	6.37	5.07
5.54	5.61	73860334.78	470295898.59	0.7666	6.31	5.02
5.47	5.57	91166840.59	575054312.52	0.9462	6.24	4.97
5.37	5.41	92105394.55	575251307.78	0.9559	6.21	4.93
5.3	5.45	91131829.54	564310352.18	0.9458	6.02	4.79
5.42	5.47	84439567.83	529718065.73	0.8764	6.07	4.82
5.15	5.18	94058736.75	567573141.39	0.9762	6.1	4.85

5.06	5.14	77896500.07	462135333.78	0.8085	5.78	4.59
5.11	5.21	89010627.53	532491158.21	0.9238	5.73	4.56
5.22	5.33	108280966.23	663461516.15	1.1238	5.81	4.61
5.16	5.19	77827917.4	466403744.04	0.8077	5.94	4.72
5.2	5.27	64450924.56	388751064.47	0.6689	5.78	4.6
5.19	5.22	74617695.63	449377638.46	0.7744	5.89	4.67
5.09	5.14	62731469.21	370332008.7	0.6511	5.82	4.62
5.03	5.06	78603619.25	462702984.55	0.8158	5.73	4.56
5.02	5.47	216313362.81	1316754803.24	2.245	5.64	4.47
5.37	5.47	145590860.34	908755215.07	1.511	6.09	4.84
5.33	5.35	71842441.35	444839368.62	0.7456	6.09	4.84
5.32	5.41	62243671.5	383229644.71	0.646	5.97	4.74
5.31	5.45	138781666.44	867999448.49	1.4404	6.02	4.79
5.39	5.46	92042013.17	576611629.05	0.9553	6.07	4.82
5.39	5.45	55491465.37	346029606.51	0.5759	6.08	4.83
5.41	5.47	48598826.26	303939597.77	0.5044	6.07	4.82
5.43	5.53	79556747.18	500530404.49	0.8257	6.1	4.85
5.44	5.45	78390967.87	494227824.11	0.8136	6.17	4.9
5.35	5.47	59113267.87	366585734.37	0.6135	6.07	4.82
5.46	5.75	232056954.69	1503024029.1	2.4084	6.09	4.84
5.68	5.69	96309594.22	626176133.21	0.9996	6.4	5.09
5.68	5.79	133067956.74	876017998.4	1.3811	6.34	5.05
5.72	5.82	102514633.68	674562210.1	1.064	6.45	5.13
5.69	5.75	72876985.81	476278763.66	0.7564	6.47	5.16
5.53	5.57	92394332.06	589940428.49	0.9589	6.4	5.09
5.51	5.57	65084520.73	414021992.52	0.6755	6.2	4.93
5.48	5.52	52684234.42	333305064.84	0.5468	6.22	4.94
5.42	5.47	55908491.02	349102661.39	0.5803	6.16	4.89
5.39	5.4	51521423.81	321959257.9	0.5347	6.1	4.85
5.4	5.62	90423175.91	569433683.28	0.9385	6.02	4.78
5.63	5.76	205809904.38	1346115072.11	2.136	6.27	4.97
5.65	5.72	109556169.54	712292439.09	1.137	6.41	5.1
5.64	5.72	123437275.87	810796667.13	1.2811	6.37	5.07
5.56	5.6	90900690.26	582533600.65	0.9434	6.38	5.08
5.54	5.68	71473896.51	458216051.65	0.7418	6.23	4.97

5.64	5.67	44858315.2	289386165.94	0.4656	6.32	5.02
5.48	5.57	69685226.03	440413671.58	0.7232	6.31	5.02
5.52	5.56	46270868.76	294197723.86	0.4802	6.22	4.94
5.5	5.5	41802148.28	263547089.51	0.4338	6.19	4.92
5.47	5.54	65558571.96	418459589.32	0.6808	6.13	4.87
5.52	5.61	55626961.47	354936715.27	0.5773	6.17	4.92
5.6	5.78	104024332.06	678608670.76	1.0796	6.26	4.97
5.69	5.72	52848057.66	344109433.52	0.5485	6.43	5.12
5.71	5.77	71905933.32	471890560.08	0.7463	6.37	5.07
5.67	5.69	54022105.47	351067758.49	0.5607	6.42	5.11
5.68	5.74	53874456.33	351626475.48	0.5591	6.34	5.05
5.67	5.74	45119093.18	292426266.78	0.4683	6.39	5.09
5.68	5.72	35556407.47	231625054.11	0.369	6.39	5.09
5.63	5.77	45475535.07	297218362.63	0.472	6.37	5.07
5.75	5.81	106987807.24	713100717.03	1.1104	6.43	5.12
5.79	5.92	71773687.6	478107230.24	0.7449	6.47	5.15
5.85	5.92	54602997.55	365020286.69	0.5667	6.59	5.25
5.87	5.92	49145709.53	329865261.62	0.5101	6.59	5.25
5.81	5.93	73792191.02	491816863.19	0.7659	6.59	5.25
5.87	5.87	62594886.19	420664543.77	0.6497	6.6	5.27
5.85	5.87	55084056.05	367350852.44	0.5717	6.54	5.21
5.87	5.88	48058134.41	322371184.98	0.4988	6.54	5.21
5.72	5.77	55968214.24	367011924.54	0.5809	6.55	5.22
5.75	5.83	42559179.07	280049638.87	0.4417	6.43	5.12
5.75	5.81	32216101.7	212129090.58	0.3344	6.49	5.17
5.77	5.86	54176670.07	359580582.92	0.5623	6.47	5.14
5.85	6.02	107478730.9	723590246.54	1.1155	6.52	5.19
5.95	6.03	74862798.89	509141980.26	0.777	6.7	5.34
5.97	6.06	52911687.45	355905016.72	0.5492	6.71	5.36
6.03	6.34	178488828.24	1246107219.14	1.8525	6.72	5.38
6.27	6.35	126458358.12	889629939.3	1.3125	7.04	5.64
6.24	6.28	78026155.7	546274869.27	0.8098	7.05	5.64
6.12	6.16	77551279.32	534087759.19	0.8049	6.97	5.59
6.03	6.1	69563725.41	474545263.62	0.722	6.85	5.47
6.07	6.15	53578251.02	364389996.8	0.5561	6.78	5.42

6.09	6.1	62043856.51	423339306.37	0.6439	6.84	5.47
6.09	6.12	40981455.02	279235066.4	0.4253	6.77	5.42
6.01	6.1	39061849.97	263555598.46	0.4054	6.8	5.43
6.06	6.13	49375514.06	335699956.12	0.5125	6.77	5.42
6.06	6.13	52923043.3	359856078.28	0.5493	6.81	5.45
6.11	6.19	64402314.88	442037487.96	0.6684	6.81	5.45
6.14	6.16	41031928.51	281216681.07	0.4259	6.88	5.51
6.12	6.18	41190039.19	281857227.71	0.4275	6.85	5.47
6.14	6.22	64354351.32	443709923.21	0.6679	6.87	5.49
6.16	6.19	49292860.87	339852547.66	0.5116	6.92	5.53
6.12	6.16	49400915.68	337859959.34	0.5127	6.88	5.51
6.1	6.21	49836570.75	341179824.11	0.5172	6.85	5.47
5.97	6.02	84656391.89	573417337.12	0.8786	6.89	5.52
5.98	6.02	51877169.02	348040176.32	0.5384	6.68	5.35
6.01	6.02	45838129.63	307776982.61	0.4757	6.7	5.35
5.96	6.06	66688776.07	446246579.95	0.6921	6.7	5.35
6.06	6.06	0.0	0.0	0.0	6.73	5.39
5.92	5.98	88949278.68	592431485.25	0.9232	6.73	5.39
5.93	5.97	46090522.95	306409302.68	0.4784	6.65	5.32
5.93	5.97	54016636.34	360507380.32	0.5606	6.64	5.31
5.93	5.94	39311320.08	260823464.15	0.408	6.64	5.31
5.92	6.07	88372709.42	594111752.91	0.9172	6.61	5.28
6.03	6.09	80021393.93	541821219.79	0.8305	6.74	5.39
6.09	6.37	260038859.71	1820306627.0	2.6989	6.77	5.41
6.31	6.41	122963698.53	868778311.36	1.2762	7.07	5.66
6.42	6.8	268974815.66	1997922401.42	2.7916	7.12	5.7
6.77	6.82	173063237.97	1306061727.26	1.7962	7.55	6.05
6.77	6.77	116643781.15	880625360.1	1.2106	7.57	6.07
6.71	6.86	91841031.39	685541110.34	0.9532	7.52	6.03
6.74	6.74	123049489.48	930971498.83	1.2771	7.62	6.1
6.67	6.9	119609941.61	896723511.73	1.2414	7.48	6.0
6.75	6.82	108313325.53	817861959.32	1.1241	7.66	6.14
6.61	6.71	120189349.11	884436929.47	1.2474	7.57	6.07
6.59	6.6	85886658.31	629404555.6	0.8914	7.45	5.97
6.57	6.63	80013908.81	586028458.48	0.8304	7.33	5.87

6.64	6.75	89471857.97	663290431.52	0.9286	7.36	5.9
6.62	6.67	69242796.67	508251839.04	0.7186	7.49	6.01
6.6	6.71	76804614.24	564717115.16	0.7971	7.41	5.93
6.61	6.63	75411878.25	556638928.5	0.7827	7.45	5.97
6.57	6.66	97213004.65	711373260.85	1.0089	7.36	5.9
6.64	6.71	84819450.41	625059413.39	0.8803	7.39	5.92
6.61	6.66	83638383.07	613961765.15	0.8681	7.45	5.97
6.56	6.58	82553203.97	600953662.38	0.8568	7.39	5.92
6.43	6.49	91041264.84	653438886.5	0.9449	7.31	5.85
6.43	6.5	69344946.03	497919623.61	0.7197	7.21	5.77
6.38	6.4	73358618.04	521445418.56	0.7614	7.22	5.78
6.35	6.39	66407833.29	469882625.2	0.6892	7.11	5.69
6.37	6.42	82533209.55	588959908.13	0.8566	7.1	5.68
6.35	6.36	63211706.09	447046661.44	0.6561	7.13	5.72
6.35	6.43	49496641.2	350689092.77	0.5137	7.07	5.66
6.37	6.47	70240687.23	501154056.2	0.4959	7.14	5.72
6.42	6.57	113472805.01	816712367.69	0.8011	7.18	5.75
6.56	6.6	110437832.67	807419398.0	0.7797	7.3	5.85
6.52	6.64	90454897.8	657751218.64	0.6386	7.33	5.87
6.6	6.65	86094513.84	631001557.43	0.6078	7.37	5.91
6.55	6.57	81604518.24	593195196.04	0.5761	7.39	5.92
6.47	6.48	76549499.32	549288854.77	0.5404	7.31	5.85
6.47	6.52	102738500.76	743736351.08	0.7253	7.2	5.77
6.44	6.52	58846276.36	421465544.4	0.4154	7.23	5.79
6.43	6.47	74220301.78	530216252.07	0.524	7.23	5.79
6.42	6.43	119281125.98	855746030.84	0.8421	7.18	5.76
6.39	6.43	80171771.81	570332045.52	0.566	7.14	5.72
6.38	6.48	110636604.67	793783227.52	0.7811	7.15	5.72
6.43	6.52	82188669.12	590539499.66	0.5802	7.2	5.77
6.27	6.3	113787690.07	802793606.57	0.8033	7.24	5.8
6.29	6.32	66550805.24	466701919.54	0.4698	7.0	5.6
6.28	6.45	109519705.22	774981745.54	0.7732	7.02	5.62
6.36	6.38	97512172.08	693101940.38	0.6884	7.17	5.73
6.3	6.34	65323250.33	458477953.36	0.4612	7.09	5.67
6.32	6.34	87171723.98	613587484.3	0.6154	7.04	5.64

6.32	6.35	69693527.11	490091135.92	0.492	7.04	5.64
6.35	6.43	97155030.2	688179611.82	0.6859	7.06	5.65
6.37	6.39	95384754.7	676601231.04	0.6734	7.15	5.72
6.35	6.37	94946337.72	669474243.93	0.6703	7.1	5.68
6.28	6.32	74862118.92	524142432.06	0.5285	7.07	5.66
6.31	6.34	82927267.3	582555046.45	0.5854	7.02	5.62
6.27	6.37	86063084.37	604421656.71	0.6076	7.04	5.64
6.31	6.39	190618063.06	1355834915.93	1.3457	7.07	5.66
6.3	6.34	100873686.29	709337187.1	0.7121	7.1	5.68
6.32	6.37	88008619.53	619515026.72	0.6213	7.04	5.64
6.31	6.32	70030599.7	491186150.73	0.4944	7.08	5.67
6.3	6.32	80562320.28	566148280.57	0.5687	7.02	5.62
6.34	6.42	228309262.32	1625133858.02	1.6118	7.02	5.62
6.36	6.38	118222533.62	842529671.68	0.8346	7.13	5.72
6.24	6.27	105057989.81	732278924.72	0.7417	7.09	5.67
6.29	6.37	76413800.81	536920627.15	0.5395	6.97	5.57
6.35	6.47	153399895.52	1093979402.27	1.083	7.08	5.67
6.4	6.56	218971351.66	1578266420.84	1.5459	7.18	5.75
6.57	6.97	517404509.93	3900875151.94	3.6527	7.27	5.83
6.93	7.02	276024413.3	2129642928.39	1.9487	7.73	6.21
6.8	6.85	189935010.03	1443563429.89	1.3409	7.8	6.26
6.72	6.82	185166408.77	1386577315.39	1.3072	7.6	6.1
6.77	6.84	92897908.72	697762487.9	0.6558	7.57	6.07
6.79	6.89	321749427.96	2470577739.42	2.2715	7.59	6.09
6.85	7.05	233474363.57	1792128605.14	1.6483	7.64	6.13
7.0	7.14	429320630.18	3390990136.77	3.0309	7.82	6.27
6.94	7.09	200082778.78	1538194102.0	1.4125	7.92	6.35
6.97	6.98	193015489.29	1498070411.95	1.3626	7.87	6.31
6.81	6.9	129819935.69	980490604.97	0.9165	7.76	6.22
6.75	6.78	128101707.6	961843455.84	0.9044	7.66	6.14
6.64	6.68	133962797.41	989520787.02	0.9457	7.53	6.03
6.63	6.69	85198643.04	627087997.0	0.6015	7.42	5.94
6.6	6.69	98430505.46	724359504.6	0.6949	7.43	5.96
6.6	6.81	165129537.22	1223438984.64	1.1658	7.43	5.96
6.62	6.8	320741322.03	2397290890.4	2.2643	7.56	6.06

6.73	6.93	225763765.09	1704413982.01	1.5938	7.55	6.05
6.89	7.1	314628537.31	2437181271.65	2.2212	7.7	6.17
7.03	7.17	302955610.05	2386849899.81	2.1388	7.87	6.32
7.07	7.95	697657425.96	5793392235.45	4.9253	7.95	6.38
7.75	7.77	642991278.55	5600612225.4	4.5393	8.81	7.09
7.7	8.42	502619648.02	4436545275.75	3.5484	8.62	6.93
8.14	8.41	575644793.47	5328329995.51	4.0639	9.33	7.52
8.27	9.01	496826432.66	4674284954.56	3.5075	9.32	7.5
8.7	9.4	635572905.26	6338168164.52	4.487	9.97	8.03
9.03	9.89	565681776.86	5883664421.56	3.9936	10.41	8.39
8.83	8.83	582540961.87	6002900098.99	4.1126	10.94	8.83
8.35	9.17	508009985.61	4800983038.81	3.5864	9.78	7.88
8.82	8.97	322271632.85	3153661815.8	2.2751	10.15	8.18
8.81	8.99	236723095.46	2291244467.17	1.6712	9.94	8.02
8.52	8.74	259335074.98	2428185627.06	1.8308	9.96	8.02
8.64	9.31	355546786.36	3433988618.5	2.5101	9.68	7.8
9.17	9.97	633624433.94	6579202397.42	4.4732	10.31	8.31
9.45	9.65	355716414.17	3714889569.29	2.5113	11.05	8.91
9.34	9.72	278698661.04	2880581194.32	1.9675	10.68	8.62
9.6	9.97	499304738.0	5383744726.07	3.5249	10.77	8.68
9.38	9.56	258890720.88	2688160567.66	1.8277	11.02	8.9
8.81	9.08	289479258.46	2854207876.02	2.0436	10.58	8.53
9.06	9.52	287607952.49	2887581453.01	2.0304	10.06	8.1
9.39	9.8	350938843.15	3625690256.33	2.4775	10.53	8.49
9.56	9.67	372405634.41	3983923218.49	2.6291	10.85	8.75
9.64	10.07	340715559.29	3637484229.45	2.4054	10.71	8.64
9.93	10.31	345609738.72	3760218244.27	2.4399	11.15	9.0
10.14	10.43	411903175.44	4565387846.44	2.9079	11.41	9.22
10.11	10.27	311964931.17	3453446167.68	2.2024	11.55	9.32
9.93	10.06	244817572.34	2634796408.84	1.7283	11.37	9.17
9.66	9.7	202711008.41	2128003431.68	1.4311	11.14	8.98
9.52	9.78	361224322.1	3835378099.93	2.5501	10.74	8.66
9.38	9.57	223674062.78	2293104602.02	1.5791	10.83	8.73
9.46	9.51	117630060.98	1204987148.89	0.8304	10.6	8.54
9.52	9.6	181876413.67	1889296679.44	1.284	10.52	8.48

	9.52	9.97	178872669.17	1868795909.67	1.2628	10.62	8.57
	9.85	9.98	224042050.75	2403346194.64	1.5817	11.04	8.91
	8.92	8.92	307746053.23	3016203087.26	2.1726	11.06	8.92
	8.72	8.92	214706779.61	2064280554.87	1.5158	9.87	7.96
	8.86	9.32	279436596.83	2758192756.95	1.9727	9.87	7.96
	9.14	9.24	180722464.42	1801436255.35	1.2758	10.32	8.32
	9.24	9.31	210122364.58	2108746796.11	1.4834	10.23	8.25
	9.14	9.27	152295357.04	1508446593.2	1.0752	10.31	8.31
	8.92	9.02	192887385.35	1881058964.74	1.3617	10.27	8.27
	8.89	9.07	178686510.15	1742175735.9	1.2615	10.0	8.06
	8.86	8.97	146412590.89	1408825355.92	1.0336	10.06	8.1
	8.87	8.98	133936910.51	1298735718.88	0.9456	9.93	8.0
	8.72	8.77	123974330.21	1176949559.66	0.8752	9.95	8.02
	8.77	9.0	127202377.92	1217876590.17	0.898	9.72	7.83
	8.82	8.83	116297820.88	1122666755.27	0.821	9.97	8.03
	8.87	8.89	275577219.5	2710523885.93	1.9455	9.78	7.88
	8.62	8.69	148378951.34	1411298590.44	1.0475	9.85	7.93
	8.49	8.7	136308533.37	1273141159.57	0.9623	9.63	7.76
	8.63	8.87	104382136.78	991823743.75	0.7369	9.64	7.77
	8.81	8.85	79826393.3	763414581.54	0.5636	9.83	7.92
	8.77	8.93	87655128.05	838611239.43	0.6188	9.8	7.89
	8.92	9.0	127835108.67	1244514793.51	0.9025	9.9	7.97
	8.85	8.97	103853227.25	999898468.83	0.7332	9.97	8.03
	8.98	9.02	97990867.35	954430237.78	0.6918	9.94	8.02
	8.87	8.89	83144562.03	799193628.92	0.587	10.0	8.06
	8.76	9.08	147678488.71	1424064862.06	1.0426	9.85	7.93
	9.01	9.02	114274191.58	1115146052.8	0.8067	10.06	8.1
	8.94	9.06	146706885.36	1423603269.22	1.0357	10.0	8.06
	8.75	8.76	152564707.81	1457305035.37	1.0771	10.02	8.08
	8.68	8.73	117356211.65	1108145418.62	0.8285	9.7	7.81
	8.54	8.6	119319193.85	1109151960.11	0.8424	9.68	7.79
	8.58	8.64	80214938.73	748959127.7	0.5663	9.53	7.67
	8.56	9.14	317566853.9	3067985540.55	2.2419	9.57	7.72
	8.87	8.87	199541866.83	1927581938.5	1.4087	10.12	8.16
	8.89	8.93	130083098.79	1258356122.21	0.9183	9.83	7.92

9.09	9.45	475940137.56	4805590363.16	3.36	9.9	7.97
9.59	9.72	455614686.89	4799935194.54	3.2165	10.47	8.43
9.67	10.02	319460289.81	3387198610.25	2.2553	10.77	8.68
9.9	10.01	282217455.05	3020408697.55	1.9924	11.08	8.94
9.93	10.08	263664307.41	2823982778.35	1.8614	11.07	8.93
9.81	9.86	227563422.37	2413982124.24	1.6065	11.16	9.01
9.77	9.95	284601031.36	3027315327.8	2.0092	10.92	8.81
9.96	10.02	256616244.81	2750596675.24	1.8116	11.02	8.89
9.88	9.97	224524039.3	2396553386.03	1.5851	11.1	8.96
9.65	9.67	229171576.78	2396613996.93	1.6179	11.04	8.91
9.52	9.81	214256558.93	2246003758.32	1.5126	10.7	8.63
9.63	9.78	150860117.97	1577607058.01	1.065	10.85	8.76
9.8	10.18	371896667.44	4014724425.84	2.6255	10.83	8.73
10.17	10.25	393578697.1	4393135215.41	2.7786	11.27	9.1
10.11	10.39	236637752.35	2608976849.83	1.6706	11.35	9.16
10.16	10.28	202440750.43	2222670592.8	1.4292	11.51	9.28
10.15	10.32	206631715.39	2262844473.07	1.4588	11.38	9.18
10.52	10.98	426308349.36	4898119462.68	3.0096	11.42	9.22
10.87	11.76	485517457.05	5784459038.68	3.4276	12.15	9.82
11.62	11.81	456921473.54	5794631956.54	3.2257	13.0	10.52
11.71	13.06	480990594.55	6339648863.19	3.3957	13.06	10.56
12.89	13.22	576858615.94	8021097201.51	4.0725	14.43	11.7
12.85	13.02	296685119.87	4020209605.44	2.0945	14.59	11.84
12.85	13.31	410117207.65	5746875158.79	2.8953	14.37	11.66
12.97	13.6	296088983.64	4102824562.46	2.0903	14.7	11.92
13.43	13.54	313142929.66	4447333030.15	2.2107	15.02	12.18
12.9	13.02	413671053.47	5776437952.99	2.9204	14.95	12.13
12.75	13.23	289912551.17	3943357049.15	2.0467	14.37	11.66
13.18	13.56	332777139.51	4640335829.81	2.3493	14.62	11.85
13.23	13.32	278362719.35	3893522074.09	1.9652	14.97	12.14
12.77	12.88	293140547.66	3959606489.8	2.0695	14.71	11.92
12.93	13.12	295267747.71	4027939224.68	2.0845	14.22	11.54
12.95	13.35	571625515.85	8014319269.76	4.0355	14.48	11.75
12.93	13.31	258142710.06	3550493337.38	1.8224	14.74	11.96
13.33	13.35	346876387.95	4899379904.03	2.4488	14.7	11.92

13.0	13.2	171309081.72	2351547449.34	1.2094	14.74	11.96
12.35	12.65	275921117.97	3685372405.21	1.9479	14.57	11.82
12.34	12.53	233989423.2	3107565652.16	1.6519	13.97	11.32
12.35	12.49	151044961.62	1968941843.76	1.0663	13.84	11.22
12.35	12.64	164936273.97	2163108919.91	1.1644	13.8	11.18
12.34	12.79	254769370.71	3349066839.62	1.7986	13.97	11.32
12.47	12.73	238758766.3	3166864484.54	1.6856	14.12	11.46
12.55	12.67	210787473.91	2807445575.7	1.4881	14.07	11.4
12.51	12.67	172563385.83	2283604814.09	1.2182	13.99	11.34
12.16	12.31	210326065.33	2718885235.68	1.4848	14.0	11.35
11.91	12.08	184450178.98	2327558365.79	1.3022	13.6	11.02
11.97	12.42	230137612.46	2959557085.49	1.6247	13.35	10.82
12.43	12.55	310760153.5	4115472698.33	2.1939	13.72	11.12
12.45	12.59	168701659.48	2214024935.8	1.191	13.86	11.24
12.62	12.99	314629057.05	4233675705.49	2.2212	13.91	11.27
13.06	13.27	327644471.06	4518316427.59	2.3131	14.35	11.63
13.0	13.28	335065184.03	4607493713.66	2.3655	14.65	11.88
13.1	13.17	280946241.18	3888992245.74	1.9834	14.67	11.9
12.29	12.35	327967469.19	4404154742.9	2.3154	14.54	11.79
12.02	12.2	241792045.92	3103543670.87	1.707	13.64	11.06
12.09	12.68	259003579.6	3365459275.18	1.8285	13.47	10.92
12.37	12.57	228578735.03	2991564977.66	1.6137	14.01	11.36
12.35	12.62	237027909.61	3103860651.15	1.6734	13.89	11.26
12.48	13.07	441904103.16	5971846070.59	3.1197	13.94	11.31
12.79	13.02	342654885.86	4681142525.9	2.419	14.44	11.71
12.92	13.84	610326276.53	8596942094.37	4.3087	14.37	11.66
13.33	13.58	394436261.37	5601775951.07	2.7846	15.28	12.4
13.21	13.33	263806491.52	3679460604.55	1.8624	15.0	12.17
13.06	13.17	204835335.93	2811189687.26	1.4461	14.72	11.94
13.02	13.19	228406746.16	3131996558.56	1.6125	14.54	11.79
12.68	12.7	263061298.42	3547149534.94	1.8571	14.57	11.82
12.35	12.47	217461667.78	2858213720.61	1.5352	14.02	11.37
12.31	12.54	205913152.37	2689990222.23	1.4537	13.77	11.17
11.94	12.25	192306655.32	2468466176.68	1.3576	13.85	11.23
11.52	11.62	187862532.75	2345768673.67	1.3263	13.53	10.97

11.19	11.89	216658661.06	2643179923.76	1.5295	12.84	10.41
11.68	12.03	183839607.94	2290363605.06	1.2979	13.14	10.65
11.73	11.82	249499885.4	3179774392.86	1.7614	13.29	10.77
10.58	10.91	306638732.66	3623880484.57	2.1648	13.07	10.58
10.06	10.73	313553309.42	3570319306.45	2.2136	12.06	9.76
10.58	11.55	305772497.91	3572978441.38	2.1587	11.87	9.6
10.88	11.03	220248827.3	2629096356.26	1.5549	12.76	10.34
10.58	10.89	237939246.38	2762337227.52	1.6798	12.19	9.87
10.09	10.32	311695108.68	3473335630.34	2.2005	12.04	9.75
10.51	11.0	405783362.71	4660186339.14	2.8647	11.42	9.23
10.44	11.64	576997657.6	6808003723.34	4.0734	12.16	9.84
10.42	10.42	599603872.64	6762103350.89	4.233	12.87	10.42
9.52	11.32	521322858.93	5904698616.93	3.6804	11.52	9.32
10.77	11.82	558118756.85	6891581207.21	3.9402	12.51	10.12
11.2	11.47	392183682.87	4737400470.72	2.7687	13.06	10.57
10.69	10.99	309627669.85	3608580675.93	2.1859	12.67	10.27
10.6	10.75	195170859.67	2225696912.63	1.3779	12.15	9.83
10.62	10.77	166672848.67	1884221624.94	1.1767	11.88	9.62
10.71	10.95	201676599.87	2304999342.03	1.4238	11.9	9.63
10.71	10.77	163042034.82	1852316440.92	1.151	12.1	9.8
10.58	10.74	135797276.72	1529148267.31	0.9587	11.9	9.63
10.55	10.7	136570929.03	1528783830.54	0.9642	11.87	9.61
10.61	10.82	178043608.02	2022035341.27	1.2569	11.82	9.57
10.53	10.58	160717260.69	1815658962.45	1.1346	11.97	9.68
9.47	9.8	214543187.42	2289450164.74	1.5146	11.7	9.47
9.56	9.95	241344193.74	2509971531.97	1.7038	10.83	8.77
9.75	9.93	116601997.04	1210759096.3	0.8232	11.0	8.9
9.62	9.65	92433509.77	962337460.75	0.6526	10.98	8.88
9.45	9.73	144329682.13	1472860295.67	1.0189	10.67	8.62
9.56	10.12	168614792.65	1757739733.4	1.1904	10.77	8.7
9.92	10.15	92992546.8	988843500.46	0.6565	11.18	9.05
9.91	9.92	66216310.89	704539354.26	0.4675	11.22	9.07
9.79	9.87	54026235.61	567208519.21	0.3814	10.97	8.87
9.88	9.94	74641265.86	785501392.0	0.5269	10.92	8.83
9.89	10.2	126373484.55	1346325151.16	0.8922	10.99	8.89

10.09	10.13	99419242.97	1065323949.25	0.7019	11.27	9.12
9.9	9.91	82418681.37	869580822.75	0.5819	11.2	9.07
9.78	9.91	72761358.3	760265710.34	0.5137	10.96	8.86
9.92	9.97	98854754.34	1043762737.59	0.6979	10.96	8.86
9.81	9.88	81557141.02	852588992.02	0.5758	11.02	8.92
9.39	9.66	141158985.66	1459671045.11	0.9965	10.92	8.84
9.35	9.62	115067353.63	1157078547.52	0.8123	10.68	8.63
9.35	9.47	81316159.33	815652760.54	0.5741	10.64	8.61
8.98	9.02	112004185.6	1095668267.93	0.7907	10.48	8.47
8.06	8.06	182163634.47	1601529034.64	1.286	9.97	8.06
7.2	7.32	263080155.23	2122788584.79	1.8573	8.92	7.2
7.18	7.69	299030470.41	2460482141.29	2.1111	8.11	6.52
7.65	8.43	221908366.76	1912163265.56	1.5666	8.52	6.87
8.22	8.46	192963639.99	1728745630.44	1.3623	9.33	7.53
8.17	8.66	175715740.29	1578261442.35	1.2405	9.36	7.56
8.27	9.07	318919489.57	3003860703.81	2.2515	9.58	7.73
8.65	9.3	337889746.36	3273803292.98	2.3854	10.04	8.11
8.51	8.51	165133342.85	1544055075.11	1.1658	10.28	8.32
8.26	8.6	89675129.87	815241863.25	0.6331	9.42	7.6
8.5	8.68	102128907.65	940582956.95	0.721	9.52	7.68
8.55	8.64	55824697.93	514578386.47	0.3941	9.61	7.76
8.5	8.57	51174114.07	469297504.77	0.3613	9.57	7.72
8.14	8.49	90774363.91	813927117.12	0.6408	9.48	7.65
8.18	8.24	65140706.06	579042246.98	0.4599	9.4	7.58
8.2	8.52	68309279.72	612767028.57	0.4822	9.12	7.36
8.41	8.41	74495854.6	682338188.73	0.5259	9.42	7.61
8.37	8.44	38192753.68	345063783.68	0.2696	9.31	7.51
8.31	8.45	46333351.73	416851084.45	0.3271	9.34	7.54
8.45	8.57	59154695.66	541007302.41	0.4176	9.35	7.55
8.33	8.35	44538118.62	399583544.57	0.3144	9.48	7.65
8.32	8.36	31035918.41	277274187.94	0.2191	9.24	7.46
8.14	8.22	53570493.43	471537653.02	0.3782	9.25	7.47
8.12	8.21	23890481.96	209186171.45	0.1687	9.11	7.35
8.03	8.08	40032443.21	347612298.59	0.2826	9.08	7.33
8.09	8.17	43759185.1	383230179.96	0.3089	8.95	7.22

8.35	8.35	59288525.72	533806134.1	0.4186	9.05	7.3
8.37	8.52	56953469.98	516310498.03	0.4021	9.24	7.46
8.52	8.79	101959858.78	950602307.67	0.7198	9.42	7.61
8.67	8.71	43175800.07	401600928.79	0.3048	9.72	7.86
8.55	8.58	50277698.11	462963473.81	0.3549	9.63	7.78
8.55	8.74	58308083.32	539103671.63	0.4116	9.5	7.67
8.73	8.79	68400201.36	640488894.09	0.4829	9.67	7.81
8.72	8.82	86804618.32	814910975.03	0.6128	9.72	7.86
8.76	8.87	85819627.93	807642379.7	0.6059	9.76	7.87
8.75	8.78	159915548.77	1523591977.03	1.129	9.81	7.92
8.75	8.87	98736727.09	928960028.75	0.6971	9.72	7.85
8.88	8.99	112491058.2	1073981531.34	0.7942	9.82	7.93
8.97	9.03	130310156.92	1260872031.48	0.92	9.95	8.03
8.88	9.0	69652392.26	664648826.8	0.4917	9.99	8.07
8.81	8.82	65377366.55	619790793.24	0.4615	9.96	8.04
8.81	8.82	38004456.8	357830452.04	0.2683	9.77	7.88
8.82	8.9	64311712.12	607980997.14	0.454	9.77	7.88
8.68	8.72	58132320.45	544000186.97	0.4104	9.85	7.95
8.61	8.64	46951840.38	434818762.55	0.3315	9.64	7.79
8.64	9.17	156869365.55	1493255541.71	1.1075	9.57	7.72
9.06	9.49	275062886.03	2780266755.77	1.9419	10.15	8.2
9.37	9.76	175583464.23	1781331280.03	1.2396	10.5	8.48
9.82	10.22	289666650.67	3137641551.23	2.045	10.79	8.72
9.94	10.06	135003369.6	1438707529.72	0.9531	11.29	9.14
9.75	9.89	122608257.44	1280174417.19	0.8656	11.12	9.0
9.67	9.77	80536786.61	833753298.05	0.5686	10.94	8.85
9.59	9.63	70506633.0	722252994.16	0.4978	10.8	8.73
9.51	9.72	67181872.07	685977382.93	0.4743	10.65	8.62
9.73	9.85	125578437.43	1315319787.29	0.8865	10.74	8.69
9.69	9.78	95244609.3	991513834.79	0.6724	10.89	8.81
9.71	9.85	56534503.01	585570983.3	0.3991	10.82	8.75
9.78	9.89	71764389.51	747487174.68	0.5066	10.89	8.81
9.75	9.81	72957066.38	760493340.74	0.5151	10.94	8.85
9.57	9.67	79705805.48	812675943.46	0.5627	10.85	8.77
9.57	9.7	61615551.05	629507063.56	0.435	10.69	8.64

9.6	9.62	66265244.51	679692129.92	0.4678	10.72	8.67
9.04	9.21	87363147.75	867702430.62	0.6168	10.64	8.61
9.02	9.22	79019298.41	770221398.39	0.5579	10.18	8.23
9.02	9.22	81630500.65	793118214.08	0.5763	10.19	8.24
9.15	9.86	193891380.76	1978750510.32	1.3688	10.21	8.25
9.64	9.81	171117282.05	1786008972.07	1.208	10.9	8.82
9.5	9.53	91743930.7	934906568.6	0.6477	10.85	8.77
9.47	9.56	48335137.33	488370699.41	0.3412	10.54	8.52
9.35	9.4	60372238.95	602568625.88	0.4262	10.57	8.55
9.35	9.42	51526142.61	515596474.86	0.3638	10.4	8.4
9.36	9.4	50112449.64	502326072.56	0.3538	10.42	8.42
9.21	9.29	45540981.82	448800941.38	0.3215	10.4	8.4
9.19	9.49	70468424.99	698791985.46	0.4975	10.27	8.31
9.32	9.37	43738499.5	436557693.69	0.3088	10.5	8.48
9.33	9.34	47131557.25	468510259.2	0.3327	10.36	8.37
9.4	9.49	77793001.12	780891801.14	0.5492	10.33	8.35
9.45	9.62	122753417.9	1257360355.86	0.8666	10.5	8.48
9.52	9.86	153737117.09	1595741318.99	1.0853	10.64	8.61
9.75	9.79	83771007.51	870121732.19	0.5914	10.9	8.82
9.77	9.83	124682237.47	1302341538.34	0.8802	10.82	8.76
9.63	9.72	76827587.53	791975824.57	0.5424	10.87	8.79
9.71	9.77	47981425.19	495638053.05	0.3387	10.74	8.69
9.42	9.42	98689075.08	1003010207.38	0.6967	10.81	8.74
9.41	9.51	74376286.55	744718416.25	0.5251	10.42	8.42
9.39	9.52	63920070.37	641277265.42	0.4513	10.52	8.5
9.42	9.42	58951093.98	591643590.68	0.4162	10.52	8.51
8.79	8.87	67619771.45	660376153.12	0.4774	10.42	8.42
8.72	8.93	79592425.84	755531353.72	0.5619	9.82	7.93
8.92	9.04	61884797.55	591698520.36	0.4369	9.88	7.98
8.52	8.55	20971340.39	194869493.47	0.1481	10.0	8.08
8.52	8.7	89703345.48	831334546.23	0.6333	9.46	7.64
8.33	8.4	87841713.94	800683640.99	0.6201	9.62	7.77
8.3	8.44	67397102.96	605970836.99	0.4758	9.3	7.5
8.35	8.36	47005156.4	424371697.73	0.3318	9.34	7.54
8.17	8.41	79957776.78	708535004.7	0.5645	9.25	7.47

8.12	8.15	53784278.31	474908142.03	0.3797	9.31	7.51
8.02	8.11	50524925.81	439917816.18	0.3567	9.02	7.27
8.11	8.36	60133113.65	532074699.5	0.4245	8.97	7.24
8.13	8.22	72450328.98	640968946.87	0.5115	9.25	7.47
8.03	8.03	72737442.29	638127876.83	0.5135	9.09	7.34
7.95	8.1	56010279.2	482984450.37	0.3954	8.89	7.17
8.04	8.07	45171824.47	390734876.74	0.3189	8.97	7.23
7.65	7.66	77748167.9	653561593.37	0.5489	8.94	7.21
7.43	7.67	68284473.31	558510640.86	0.4821	8.48	6.83
7.47	7.51	36304908.12	296055319.24	0.2563	8.49	6.84
7.51	7.77	65332317.33	540544459.55	0.4612	8.32	6.7
7.55	7.6	50127876.85	412635642.63	0.3539	8.6	6.93
7.58	7.72	44292516.92	367360499.7	0.3127	8.42	6.78
7.57	7.64	32948673.58	269997835.61	0.2326	8.56	6.9
7.67	7.72	44771954.31	370586187.52	0.3161	8.47	6.82
7.69	7.7	32507213.8	269184383.53	0.2295	8.56	6.9
7.47	7.59	33419948.57	271173372.44	0.2359	8.52	6.87
7.62	7.77	51406386.16	427507774.18	0.3629	8.41	6.77
7.76	7.89	70220075.29	590538918.78	0.4957	8.61	6.94
7.84	7.84	48741408.3	412337569.83	0.3441	8.74	7.05
7.76	7.8	38267805.31	320939651.99	0.2702	8.68	7.0
7.82	8.01	74128763.65	630251514.49	0.5233	8.63	6.97
7.81	7.87	51104944.84	432315311.35	0.3608	8.87	7.15
7.77	7.89	36012446.4	302498026.09	0.2542	8.71	7.02
7.43	7.49	74648770.66	615004743.27	0.527	8.74	7.05
7.48	7.59	47058548.02	382634662.72	0.3322	8.3	6.68
7.28	7.4	68027594.01	542183971.78	0.4803	8.41	6.77
7.42	7.52	45349314.14	365149008.02	0.3202	8.2	6.6
7.53	7.85	81193680.08	673626229.31	0.5732	8.32	6.71
7.8	7.86	66370754.55	559045201.62	0.4686	8.69	7.01
7.82	8.1	165749954.7	1429273062.74	1.1701	8.7	7.02
8.02	8.05	72762385.5	630155599.16	0.5137	8.97	7.23
7.72	8.0	77178806.07	650471607.35	0.5449	8.91	7.19
7.8	7.91	39108093.64	330124892.38	0.2761	8.86	7.14
7.87	7.89	56882458.75	486414240.72	0.4016	8.76	7.06

7.8	7.9	46048424.82	389638934.2	0.3251	8.74	7.05
7.94	7.98	78619017.85	679161304.98	0.555	8.75	7.05
7.9	8.03	50150464.46	428786691.82	0.354	8.84	7.12
7.97	8.06	79786375.91	690087713.05	0.5633	8.89	7.17
8.02	8.12	73319594.93	635181313.47	0.5176	8.92	7.2
8.1	8.22	95665935.47	836565552.79	0.6754	8.98	7.25
8.22	8.43	110451981.38	987764461.92	0.7798	9.09	7.34
8.34	8.37	75057927.62	675406611.44	0.5299	9.33	7.53
8.27	8.35	51633399.85	458963272.7	0.3645	9.26	7.47
8.18	8.2	44688766.68	393411544.51	0.3155	9.24	7.46
8.18	8.26	28448470.18	250338489.56	0.2008	9.07	7.32
8.14	8.17	43034538.41	378973327.48	0.3038	9.14	7.37
8.08	8.12	38198159.68	332422397.07	0.2697	9.04	7.29
8.16	8.35	64764023.51	572627417.13	0.4572	8.99	7.26
8.3	8.3	50206570.48	447266281.73	0.3544	9.24	7.46
8.18	8.32	44321043.33	391830399.33	0.3129	9.18	7.42
8.18	8.35	71077065.23	632378859.33	0.5018	9.21	7.42
8.27	8.37	52231165.69	464962437.13	0.3687	9.24	7.46
8.26	8.26	45326368.93	401949050.57	0.32	9.26	7.47
8.18	8.24	45186481.27	397998243.93	0.319	9.14	7.37
8.27	8.37	94366360.15	840486348.21	0.6662	9.12	7.36
8.28	8.32	35831959.13	318538001.82	0.253	9.26	7.47
8.36	8.44	102811284.32	929858588.49	0.7258	9.22	7.43
8.42	8.47	38837571.54	350702741.47	0.2742	9.34	7.54
8.43	8.5	59666908.67	541052858.38	0.4212	9.37	7.57
8.37	8.37	42078498.03	377791436.76	0.2971	9.41	7.59
8.36	8.41	26188803.28	234479844.29	0.1849	9.27	7.48
8.07	8.2	72790379.12	640149677.08	0.5139	9.31	7.51
8.14	8.19	67055930.82	588731547.47	0.4734	9.07	7.32
8.11	8.22	43161271.66	379176139.25	0.3047	9.07	7.32
8.12	8.18	41910946.76	366533376.73	0.2959	9.11	7.35
8.15	8.26	35003939.6	306962513.0	0.2471	9.06	7.31
8.2	8.24	28746483.1	253308584.05	0.2029	9.14	7.37
8.22	8.32	54895271.16	487261220.54	0.3875	9.12	7.36
8.22	8.24	48597339.84	428582155.01	0.3431	9.21	7.42

8.2	8.33	58692275.48	521137502.43	0.4144	9.12	7.36
8.32	8.37	49492290.6	441848167.65	0.3494	9.22	7.44
8.31	8.37	28742031.1	256002095.86	0.2029	9.26	7.47
8.2	8.2	41585433.43	367408584.52	0.2936	9.26	7.47
8.03	8.06	49340542.14	428356624.07	0.3483	9.07	7.32
7.99	8.0	35111987.64	301767207.97	0.2479	8.92	7.2
8.02	8.07	39274756.91	339005275.76	0.2773	8.86	7.14
7.97	8.08	39106275.64	336792700.57	0.2761	8.94	7.21
8.04	8.06	22111942.04	191007255.66	0.1561	8.95	7.22
7.97	8.07	25826971.93	221931208.07	0.1823	8.92	7.2
7.97	8.02	30050918.42	257859628.95	0.2122	8.93	7.2
7.91	8.02	64098100.04	547076639.38	0.4525	8.87	7.16
7.97	7.97	20493339.4	175591500.42	0.1447	8.87	7.16
7.92	8.02	24804462.32	212277642.0	0.1751	8.83	7.12
7.97	8.0	38837626.74	333300178.49	0.2654	8.87	7.16
7.92	7.94	31115297.25	265042286.91	0.2127	8.86	7.14
7.92	7.96	24508257.8	209019882.7	0.1675	8.79	7.09
7.91	7.95	31367596.15	266736775.84	0.2144	8.81	7.11
7.92	7.99	26738281.1	228377555.02	0.1827	8.8	7.1
7.93	8.0	45713642.69	390119748.19	0.3124	8.85	7.13
7.98	8.22	113576104.63	991668174.78	0.7763	8.86	7.14
8.13	8.17	66810135.92	584161145.13	0.4566	9.11	7.35
8.12	8.15	35164360.47	306269383.37	0.2403	9.04	7.29
8.11	8.18	50806735.12	443039580.98	0.3472	9.02	7.27
8.14	8.19	40599857.44	354998364.13	0.2775	9.06	7.31
8.17	8.2	27513869.01	240887148.7	0.188	9.07	7.32
8.15	8.18	32182601.67	281651740.87	0.22	9.07	7.32
8.04	8.04	41378036.15	358996277.5	0.2828	9.06	7.31
8.03	8.1	32836484.33	283578296.52	0.2244	8.9	7.18
8.03	8.13	45380707.35	394033686.13	0.3102	8.97	7.23
8.09	8.13	38667008.0	331192444.67	0.2643	8.99	7.27
8.1	8.14	31517300.0	270236697.97	0.2154	8.99	7.27
8.12	8.16	27073158.0	232205297.92	0.185	9.0	7.28
8.14	8.17	38074985.0	327940703.41	0.2602	9.02	7.3
8.14	8.29	47800201.0	413947368.64	0.3267	9.03	7.31

8.19	8.22	33561422.0	290490407.0	0.2294	9.16	7.42
8.08	8.13	42766409.0	367771053.91	0.2923	9.09	7.35
8.1	8.17	32521418.0	280044073.18	0.2223	8.99	7.27
8.12	8.19	33651928.0	289122213.99	0.23	9.03	7.31
8.18	8.25	36961156.0	319908689.63	0.2526	9.05	7.33
8.22	8.26	36220487.0	315051854.73	0.2476	9.12	7.38
8.24	8.27	34893019.0	303652375.25	0.2385	9.13	7.39
8.23	8.37	60825712.0	534656909.55	0.4157	9.14	7.4
8.33	8.37	42203729.0	371422814.75	0.2885	9.25	7.49
8.32	8.35	32295017.0	283827375.8	0.2207	9.25	7.49
8.3	8.34	31285308.0	274337185.84	0.2138	9.23	7.47
8.29	8.3	26134229.0	228778674.11	0.1786	9.22	7.46
8.3	8.31	36537252.0	320033760.68	0.2497	9.17	7.43
8.3	8.44	71183240.0	627505578.42	0.4865	9.19	7.44
8.42	8.55	79828864.0	716797025.31	0.5456	9.33	7.55
8.47	8.5	35969939.0	321889343.31	0.2458	9.45	7.65
8.47	8.55	35203395.0	315555253.54	0.2406	9.39	7.61
8.53	8.6	50693492.0	457358031.39	0.3465	9.45	7.65
8.51	8.53	36278781.0	326046531.04	0.248	9.5	7.7
8.51	8.52	31092641.0	278737194.12	0.2125	9.43	7.63
8.51	8.55	34026127.0	305710332.75	0.2326	9.42	7.62
8.48	8.5	29554964.0	264379250.43	0.202	9.45	7.65
8.47	8.54	26468286.0	236937494.08	0.1809	9.39	7.61
8.53	8.67	54655692.0	494506420.12	0.3736	9.44	7.64
8.47	8.57	81867834.0	741263303.03	0.5595	9.58	7.76
8.53	8.64	47991038.0	434490536.62	0.328	9.47	7.67
8.59	8.76	67142534.0	614972669.3	0.4589	9.55	7.73
8.73	8.84	75932441.0	702466616.0	0.519	9.68	7.84
8.73	8.81	44916516.0	413484595.07	0.307	9.77	7.91
8.71	8.74	42462218.0	389817535.11	0.2902	9.74	7.89
8.49	8.55	134446207.0	1210346973.56	0.9189	9.66	7.82
8.51	8.6	72594819.0	654998092.94	0.4962	9.45	7.65
8.57	8.67	39847930.0	361191045.29	0.2723	9.5	7.7
8.63	8.71	41567631.0	378720688.32	0.2841	9.58	7.76
8.68	8.7	43665545.0	399656990.64	0.2984	9.63	7.8

8.69	8.78	93557601.0	866594867.9	0.6394	9.61	7.79
8.74	9.06	137002155.0	1282336292.04	0.9364	9.7	7.86
9.07	9.24	189755226.0	1835196865.56	1.2969	10.01	8.11
9.02	9.08	109955862.0	1050479545.31	0.7515	10.21	8.27
9.04	9.11	56072536.0	534926047.02	0.3832	10.03	8.13
8.99	9.06	69150431.0	658183955.01	0.4726	10.07	8.16
8.99	9.07	50533453.0	478779724.24	0.3454	10.01	8.11
8.92	8.96	97943273.0	922426435.12	0.6694	10.02	8.12
8.93	8.96	89065673.0	838185900.59	0.6087	9.9	8.02
8.94	8.99	73228127.0	688971683.08	0.5005	9.9	8.02
8.9	9.0	61738960.0	580648481.91	0.422	9.93	8.05
8.96	9.01	50223385.0	473688076.59	0.3433	9.94	8.06
8.94	8.98	56523188.0	532295362.01	0.3863	9.96	8.06
8.97	9.03	59508123.0	561854066.27	0.4067	9.92	8.04
8.99	9.05	48974676.0	463875762.93	0.3347	9.98	8.08
8.98	9.01	48013121.0	454848634.31	0.3282	10.0	8.1
8.98	9.01	36879633.0	348054367.11	0.2521	9.96	8.06
8.96	8.98	46993656.0	443204803.58	0.3212	9.96	8.06
8.92	8.97	57473833.0	539813283.55	0.3928	9.92	8.04
8.93	8.96	45937329.0	431984158.61	0.314	9.91	8.03
8.94	8.96	29521845.0	277503757.8	0.2018	9.9	8.02
8.92	8.94	32743143.0	307527271.24	0.2238	9.9	8.02
8.69	8.72	75658173.0	697759184.1	0.5171	9.88	8.0
8.7	8.75	46093142.0	423113832.02	0.315	9.64	7.8
8.61	8.62	42148125.0	384081266.46	0.2881	9.67	7.83
8.61	8.68	35434870.0	322575925.94	0.2422	9.53	7.71
8.6	8.64	43667897.0	396359321.31	0.2985	9.59	7.77
8.59	8.64	40566533.0	367767497.46	0.2773	9.55	7.73
8.65	8.72	49461323.0	451909020.48	0.3381	9.55	7.73
8.7	8.71	28879877.0	264699513.1	0.1974	9.64	7.8
8.6	8.6	43948186.0	398771864.85	0.3004	9.63	7.8
8.57	8.62	40132367.0	362769231.03	0.2743	9.5	7.7
8.59	8.61	27136600.0	245499467.89	0.1855	9.53	7.71
8.61	8.62	30366429.0	275239667.41	0.2075	9.52	7.71
8.61	8.63	30808486.0	279526475.64	0.2106	9.53	7.71

8.64	8.68	61138159.0	557122276.5	0.4179	9.54	7.72
8.67	8.71	36337078.0	331886515.46	0.2484	9.59	7.77
8.68	8.69	27031620.0	246995531.01	0.1848	9.63	7.8
8.61	8.63	63236796.0	574142476.27	0.4322	9.6	7.78
8.6	8.65	33541176.0	304218676.83	0.2292	9.54	7.72
8.59	8.61	35922316.0	325582450.32	0.2455	9.56	7.74
8.59	8.65	59373709.0	537784120.36	0.4058	9.52	7.71
8.61	8.64	48263616.0	438299029.51	0.3299	9.56	7.74
8.61	8.63	34284457.0	310966016.7	0.2343	9.55	7.73
8.62	8.69	68389677.0	621549844.97	0.4674	9.54	7.72
8.68	8.8	91567704.0	844746080.61	0.6258	9.6	7.78
8.74	8.77	50075292.0	461542701.14	0.3423	9.72	7.88
8.69	8.71	44045213.0	403750809.07	0.301	9.69	7.85
8.68	8.72	32414055.0	296216914.82	0.2215	9.63	7.8
8.7	8.73	54199774.0	497615050.8	0.3704	9.64	7.8
8.65	8.71	49359683.0	450148883.09	0.3374	9.65	7.81
8.67	8.7	52541566.0	480117542.32	0.3591	9.63	7.8
8.61	8.63	63358600.0	576083788.24	0.433	9.61	7.79
8.61	8.69	61687113.0	561464947.19	0.4216	9.54	7.72
8.66	8.67	50811757.0	463831938.55	0.3473	9.6	7.78
8.63	8.68	49724012.0	452447930.56	0.3398	9.58	7.76
8.66	8.71	80669498.0	736747217.08	0.5514	9.59	7.77
8.57	8.63	72261671.0	656061960.7	0.4939	9.63	7.8
8.66	8.7	63199874.0	576898452.74	0.432	9.54	7.72
8.67	8.74	81226969.0	742969896.61	0.5552	9.61	7.79
8.72	8.78	97507875.0	898058354.01	0.6664	9.66	7.82
8.74	8.79	55434298.0	510596178.35	0.3789	9.7	7.86
8.76	8.79	41584240.0	383425739.88	0.2842	9.71	7.87
8.74	8.77	50532402.0	464611128.37	0.3454	9.71	7.87
8.72	8.74	51759734.0	475289972.51	0.3538	9.69	7.85
8.73	8.8	85024326.0	785475676.61	0.5811	9.66	7.82
8.79	8.92	118025694.0	1097408714.34	0.8067	9.72	7.88
8.9	9.01	175286943.0	1660465709.36	1.198	9.86	7.98
8.98	9.03	77974884.0	738580569.29	0.5329	9.96	8.06
9.02	9.18	101367499.0	968127766.33	0.6928	9.98	8.08

9.16	9.19	127968924.0	1240686233.53	0.8746	10.14	8.22
9.11	9.18	88777923.0	854308658.4	0.6068	10.15	8.23
9.06	9.11	102596305.0	985758449.84	0.7012	10.14	8.22
9.11	9.16	64600437.0	619633746.85	0.4415	10.07	8.16
9.0	9.11	82968650.0	790044441.93	0.5671	10.12	8.2
8.97	9.02	76436570.0	723222053.64	0.5224	10.07	8.16
9.01	9.05	60290276.0	571585177.5	0.4121	9.97	8.07
8.97	9.04	49340476.0	466085503.37	0.3372	10.0	8.1
8.99	9.08	67145216.0	638058504.08	0.4589	9.99	8.09
9.04	9.21	151419915.0	1460778328.2	1.0349	10.03	8.13
9.0	9.06	125687400.0	1206662616.99	0.859	10.18	8.25
8.89	8.98	64577157.0	607769965.58	0.4414	10.01	8.11
8.96	8.96	59770574.0	564787516.46	0.4085	9.92	8.04
8.77	8.81	82761287.0	767751835.57	0.5657	9.9	8.02
8.77	8.81	39681397.0	366925349.32	0.2712	9.74	7.89
8.73	8.76	49401064.0	453899744.36	0.3376	9.74	7.89
8.64	8.67	63663837.0	580118167.69	0.4351	9.68	7.84
8.67	8.72	36992065.0	338201446.46	0.2528	9.58	7.76
8.67	8.7	34134124.0	311546856.93	0.2333	9.64	7.8
8.63	8.64	38291216.0	348140451.37	0.2617	9.61	7.79
8.58	8.68	30205896.0	273934287.19	0.2064	9.55	7.73
8.63	8.64	26884124.0	244788273.86	0.1837	9.59	7.77
8.6	8.62	33605509.0	304898614.02	0.2297	9.55	7.73
8.61	8.64	33875853.0	307183503.28	0.2315	9.53	7.71
8.62	8.66	30260736.0	274882698.47	0.2068	9.55	7.73
8.65	8.72	45984049.0	420595176.46	0.3143	9.57	7.75
8.7	8.72	44932953.0	411503444.03	0.3071	9.64	7.8
8.71	8.73	34437291.0	315769693.5	0.2354	9.64	7.8
8.67	8.69	35815420.0	327176433.93	0.2448	9.65	7.81
8.67	8.71	36108157.0	329994604.0	0.2134	9.6	7.78
8.7	8.71	24105395.0	220575131.96	0.1425	9.63	7.8
8.69	8.7	30343089.0	277553207.26	0.1794	9.63	7.8
8.69	8.71	42800677.0	391869402.76	0.253	9.61	7.79
8.68	8.72	43430137.0	397601906.25	0.2567	9.63	7.8
8.63	8.7	68316586.0	623025820.27	0.4038	9.64	7.8

8.66	8.71	54555237.0	498179703.17	0.3225	9.61	7.79
8.69	8.73	57426939.0	526426595.69	0.3394	9.63	7.8
8.71	8.74	43771286.0	402445639.34	0.2587	9.65	7.81
8.73	8.78	39332857.0	361865155.13	0.2325	9.66	7.82
8.76	8.78	42029931.0	388019072.56	0.2484	9.7	7.86
8.76	8.83	47024408.0	434787729.13	0.278	9.7	7.86
8.81	8.82	30440196.0	281976294.07	0.1799	9.76	7.9
8.82	8.89	42071258.0	391844286.24	0.2487	9.75	7.89
8.79	8.82	31547224.0	292617943.26	0.1865	9.82	7.96
8.82	8.87	51678611.0	480441331.04	0.3055	9.75	7.89
8.83	8.86	39688497.0	368755274.2	0.2346	9.8	7.94
8.8	8.86	36027242.0	333975401.82	0.213	9.79	7.93
8.84	8.87	34285513.0	319201023.28	0.2027	9.79	7.93
8.87	8.89	48274323.0	450701345.31	0.2853	9.8	7.94
8.89	8.97	63836475.0	599951024.32	0.3773	9.82	7.96
8.93	8.96	36240460.0	340318431.4	0.2142	9.91	8.03
8.95	9.01	75661306.0	716759655.28	0.4472	9.9	8.02
8.98	9.02	41116113.0	388636225.2	0.243	9.96	8.06
8.93	8.95	42377497.0	400161795.09	0.2505	9.97	8.07
8.96	9.12	89875539.0	855710805.5	0.5312	9.89	8.01
9.1	9.13	64658421.0	618761069.26	0.3822	10.08	8.16
9.06	9.13	46296611.0	441528339.71	0.2737	10.09	8.17
9.04	9.07	33532781.0	319293836.59	0.1982	10.09	8.17
9.04	9.06	33250014.0	316020789.4	0.1965	10.02	8.12
8.98	8.99	40734112.0	384781015.65	0.2408	10.01	8.11
8.98	9.04	36971970.0	350366892.5	0.2185	9.93	8.05
9.03	9.05	34699373.0	330157963.4	0.2051	9.99	8.09
8.98	8.99	40362870.0	382395883.84	0.2386	10.0	8.1
8.92	8.96	34265508.0	321952549.22	0.2025	9.93	8.05
8.95	9.01	40451138.0	381212304.19	0.2391	9.9	8.02
8.96	9.01	29467282.0	277747415.42	0.1742	9.96	8.06
8.96	8.98	24443839.0	230425150.54	0.1445	9.96	8.06
8.92	8.94	37816992.0	354813687.5	0.2235	9.92	8.04
8.92	8.96	39018225.0	366140052.24	0.2306	9.88	8.0
8.93	9.0	54530444.0	513148481.04	0.3223	9.9	8.02

8.97	9.0	40448435.0	381594066.95	0.2391	9.94	8.06
8.98	9.04	54656086.0	515943748.1	0.3231	9.94	8.06
9.01	9.08	63595381.0	603450064.07	0.3759	9.99	8.09
8.86	8.87	158364708.0	1482736995.37	0.9361	10.03	8.13
8.78	8.81	71502177.0	661887015.08	0.4226	9.8	7.94
8.76	8.8	55464874.0	511914333.09	0.3278	9.74	7.89
8.7	8.72	56612363.0	519331026.27	0.3346	9.72	7.88
8.71	8.76	43358829.0	398986562.09	0.2563	9.64	7.8
8.72	8.75	71082787.0	653533829.88	0.4202	9.68	7.84
8.64	8.7	98501205.0	900094460.92	0.5822	9.67	7.83
8.66	8.68	48137276.0	439405816.17	0.2845	9.61	7.79
8.65	8.67	60114068.0	548060692.96	0.3553	9.59	7.77
8.62	8.64	68728555.0	623995512.84	0.4062	9.58	7.76
8.64	8.73	63312122.0	578579035.11	0.3742	9.55	7.73
8.71	8.77	49915009.0	458567834.2	0.295	9.65	7.81
8.73	8.76	43439147.0	399118983.36	0.2568	9.69	7.85
8.73	8.76	51484476.0	473366404.45	0.3043	9.68	7.84
8.73	8.74	40134394.0	368682024.9	0.2372	9.68	7.84
8.65	8.71	61243796.0	560304072.91	0.362	9.66	7.82
8.66	8.68	45533653.0	416101249.02	0.2691	9.63	7.8
8.66	8.68	35744255.0	325949861.06	0.2113	9.59	7.77
8.62	8.64	49050050.0	445637458.07	0.2899	9.59	7.77
8.61	8.66	53189218.0	483130499.72	0.3144	9.55	7.73
8.61	8.61	33537696.0	304162860.29	0.1982	9.57	7.75
8.46	8.47	79966857.0	714963673.14	0.4727	9.52	7.71
8.45	8.48	43762999.0	390063543.84	0.2587	9.36	7.58
8.46	8.53	32540817.0	291126076.24	0.1923	9.37	7.59
8.45	8.49	39499527.0	352926394.67	0.2335	9.43	7.63
8.49	8.56	37793334.0	339230143.97	0.2234	9.38	7.6
8.52	8.55	38214706.0	343316092.51	0.2259	9.46	7.66
8.47	8.53	38739256.0	346186989.88	0.229	9.45	7.65
8.48	8.55	28644636.0	256106698.72	0.1693	9.43	7.63
8.46	8.5	31102610.0	277665881.67	0.1838	9.45	7.65
8.45	8.47	28031077.0	249660877.22	0.1657	9.39	7.61
8.28	8.3	69651707.0	613783434.31	0.4117	9.36	7.58

8.14	8.19	62370085.0	539541739.86	0.3687	9.17	7.43
8.1	8.13	46008989.0	394424117.19	0.272	9.05	7.33
8.11	8.2	32419446.0	279119676.49	0.1916	8.99	7.27
8.18	8.23	57307768.0	498675307.83	0.3387	9.06	7.34
8.16	8.26	50364355.0	436444282.31	0.2977	9.1	7.36
8.2	8.46	91796819.0	809131900.14	0.5426	9.13	7.39
8.37	8.42	53657821.0	476417671.72	0.3172	9.35	7.57
8.29	8.4	52487233.0	461069300.97	0.3102	9.31	7.53
8.31	8.33	41733802.0	365987542.61	0.2467	9.28	7.52
8.27	8.29	22740112.0	198765579.76	0.1344	9.21	7.45
8.24	8.25	29427084.0	256396867.64	0.1739	9.16	7.42
8.17	8.24	67912005.0	588546725.07	0.4014	9.12	7.38
8.2	8.35	80004019.0	702123772.98	0.4729	9.11	7.37
8.24	8.37	53237669.0	466560635.92	0.3147	9.23	7.47
8.34	8.66	162154374.0	1462763018.52	0.9585	9.25	7.49
8.6	8.66	89536576.0	813387170.15	0.5292	9.57	7.75
8.62	8.76	103321095.0	948741889.7	0.6107	9.57	7.75
8.68	8.75	56618276.0	519544675.84	0.3347	9.68	7.84
8.7	8.73	77075706.0	710119498.1	0.4556	9.67	7.83
8.55	8.59	63413269.0	573460396.83	0.3748	9.65	7.81
8.55	8.6	35534153.0	320520904.31	0.21	9.49	7.69
8.57	8.69	64572325.0	587357671.16	0.3817	9.5	7.7
8.64	8.69	38300448.0	348860774.3	0.2264	9.6	7.78
8.68	8.71	68546808.0	628281688.31	0.4052	9.6	7.78
8.66	8.67	50457816.0	461493689.83	0.2982	9.63	7.8
8.61	8.68	44843497.0	407876695.89	0.2651	9.58	7.76
8.6	8.64	37544431.0	340596135.74	0.2219	9.59	7.77
8.59	8.6	33779789.0	305610500.17	0.1997	9.55	7.73
8.57	8.58	28599104.0	258559005.29	0.169	9.5	7.7
8.58	8.69	48970481.0	446000772.99	0.2895	9.48	7.68
8.65	8.68	31361560.0	286053883.71	0.1854	9.6	7.78
8.67	8.71	49693219.0	454488888.04	0.2937	9.59	7.77
8.7	8.81	142695815.0	1325210564.64	0.8435	9.63	7.8
8.72	8.81	58400441.0	538303574.27	0.3452	9.74	7.89
8.82	8.86	71076995.0	663762850.04	0.4201	9.74	7.89

8.83	8.92	54601613.0	509162008.98	0.3227	9.79	7.93
8.89	8.99	116879622.0	1102438099.9	0.6909	9.86	7.98
8.93	8.99	48880457.0	459810415.62	0.2889	9.93	8.05
8.87	8.95	49963349.0	468003516.72	0.2953	9.93	8.05
8.9	8.96	38834937.0	364465847.32	0.2295	9.89	8.01
8.86	8.9	48836253.0	456577021.25	0.2887	9.9	8.02
8.83	8.93	56772000.0	529294114.24	0.3356	9.83	7.97
8.87	8.96	73891186.0	691387184.15	0.4368	9.87	7.99
8.9	9.03	76036958.0	717084352.18	0.4494	9.9	8.02
9.0	9.15	136081591.0	1303090005.36	0.8044	9.98	8.08
9.17	9.81	381208660.0	3842010171.29	2.2533	10.11	8.19
9.76	9.9	299884401.0	3113681338.88	1.7726	10.84	8.79
9.8	10.46	299453432.0	3180144566.46	1.77	10.93	8.87
10.22	10.46	172257026.0	1864449201.5	1.0182	11.55	9.37
10.28	10.37	327312315.0	3608692279.05	1.9347	11.55	9.37
10.18	10.61	234943191.0	2558433986.13	1.3887	11.45	9.29
10.44	10.65	193307592.0	2131336294.18	1.1426	11.72	9.51
10.47	10.53	153733858.0	1695060974.17	0.9087	11.76	9.54
10.41	10.61	150102000.0	1625416436.89	0.8872	11.61	9.45
10.45	10.67	169266444.0	1846886678.93	1.0005	11.7	9.52
10.67	10.72	195476835.0	2172114597.09	1.1554	11.77	9.58
10.38	10.46	169741211.0	1846282151.77	1.0033	11.82	9.62
10.25	10.31	119449040.0	1273888886.18	0.706	11.53	9.39
10.3	10.46	81919535.0	877769279.49	0.4842	11.37	9.25
10.17	10.39	157586439.0	1671814035.24	0.9315	11.53	9.39
10.32	10.76	203570991.0	2222887933.96	1.2033	11.46	9.32
10.68	10.87	206206907.0	2307726682.94	1.2189	11.86	9.66
10.69	10.73	98421938.0	1090954131.84	0.5818	11.99	9.76
10.65	10.89	135395156.0	1511389828.31	0.8003	11.83	9.63
10.62	10.72	86064427.0	946975699.56	0.5087	12.01	9.77
10.63	10.77	68956744.0	758872028.53	0.4076	11.82	9.62
10.4	10.45	104232181.0	1126512107.82	0.6161	11.88	9.67
10.26	10.34	95987996.0	1026676005.5	0.5674	11.52	9.38
9.71	9.74	244064335.0	2501779371.25	1.4426	11.4	9.28
9.76	9.94	115766464.0	1175479138.54	0.6843	10.74	8.74

9.93	10.03	107516235.0	1116749994.49	0.6355	10.96	8.92
9.87	10.06	75680602.0	778517621.68	0.4473	11.06	9.0
10.01	10.14	55364211.0	573093949.61	0.3273	11.09	9.03
10.01	10.16	61652041.0	643188717.21	0.3644	11.18	9.1
10.11	10.18	39915487.0	417653110.85	0.2359	11.2	9.12
10.09	10.37	87568181.0	922881865.79	0.5176	11.23	9.13
10.31	10.62	131915190.0	1430051908.04	0.7797	11.44	9.31
10.56	10.65	92424863.0	1014933651.98	0.5463	11.71	9.53
10.62	10.83	96394000.0	1068994547.06	0.5698	11.74	9.56
10.82	11.07	160393832.0	1828380086.0	0.9481	11.94	9.72
11.0	11.39	135798373.0	1569230034.16	0.8027	12.21	9.94
11.07	11.15	109667476.0	1264128140.68	0.6482	12.56	10.22
10.87	11.0	115178646.0	1297730595.72	0.6808	12.29	10.01
10.87	10.93	95997689.0	1080996319.27	0.5674	12.13	9.87
10.89	11.44	135232557.0	1551875033.9	0.7993	12.05	9.81
11.32	11.36	128751876.0	1513759541.19	0.761	12.61	10.27
11.2	11.42	79162155.0	925519043.82	0.4679	12.52	10.2
11.11	11.16	61418724.0	711036421.43	0.363	12.59	10.25
11.1	11.21	48127615.0	553644520.36	0.2845	12.3	10.02
11.02	11.1	69947275.0	801825014.63	0.4134	12.36	10.06
10.99	11.26	84618342.0	962032172.14	0.5002	12.24	9.96
11.06	11.15	66823742.0	765028184.64	0.395	12.41	10.11
10.96	11.04	88308777.0	1005775578.24	0.522	12.29	10.01
10.87	11.01	64609481.0	726061100.45	0.3819	12.17	9.91
10.92	10.97	60761296.0	684223023.19	0.3592	12.14	9.88
10.8	10.85	76421262.0	853815999.65	0.4517	12.1	9.85
10.77	11.01	78715469.0	884640964.21	0.4653	11.96	9.74
10.92	11.18	69240793.0	788605300.87	0.4093	12.14	9.88
11.03	11.16	59392762.0	677622489.51	0.3511	12.33	10.03
10.9	11.01	53239104.0	602270302.75	0.3147	12.3	10.02
10.68	10.77	96746090.0	1074228193.8	0.5719	12.14	9.88
10.62	10.65	72718820.0	798377280.05	0.4298	11.88	9.67
10.54	10.6	51722002.0	563485127.39	0.3057	11.74	9.56
10.58	10.83	68228010.0	753852534.72	0.4033	11.69	9.51
10.98	11.02	132522731.0	1520609511.57	0.7833	11.94	9.72

11.05	11.19	74792530.0	853665849.11	0.4421	12.15	9.89
11.06	11.25	65807758.0	756203405.4	0.389	12.34	10.04
11.19	11.27	57806531.0	667148377.69	0.3417	12.4	10.1
10.97	11.08	73737596.0	839662734.96	0.4359	12.43	10.12
11.01	11.31	103625064.0	1190724204.76	0.6125	12.22	9.94
11.2	11.23	50637234.0	585333998.33	0.2993	12.47	10.15
11.23	11.41	87136536.0	1011050927.7	0.5151	12.38	10.08
11.29	11.35	72276482.0	841546799.4	0.4272	12.58	10.24
11.13	11.2	46180808.0	529747048.16	0.273	12.51	10.19
10.87	10.91	107446502.0	1206888281.81	0.6351	12.35	10.05
10.9	11.11	61887194.0	700896871.75	0.3658	12.03	9.79
10.97	10.99	41857360.0	472708177.86	0.2474	12.25	9.97
10.84	10.9	92899607.0	1041707022.88	0.5491	12.12	9.86
10.9	11.28	136008642.0	1548543731.64	0.8039	12.02	9.78
11.17	11.28	127824694.0	1484495472.54	0.7556	12.44	10.12
11.11	11.26	62749138.0	721237474.23	0.3709	12.44	10.12
11.04	11.12	69261790.0	792881042.82	0.4094	12.41	10.11
10.98	11.26	60430848.0	689229873.86	0.3572	12.26	9.98
11.07	11.11	74334322.0	852032107.89	0.4394	12.41	10.11
10.81	11.0	102990281.0	1157303985.6	0.6088	12.25	9.97
10.97	11.64	247716326.0	2914269160.44	1.4642	12.13	9.87
11.65	11.85	426282573.0	5199224276.82	2.5197	12.83	10.45
11.87	12.05	229528934.0	2839861735.04	1.3567	13.06	10.64
11.87	12.02	175755227.0	2167126597.89	1.0389	13.28	10.82
12.07	12.62	256690623.0	3307955288.74	1.5173	13.25	10.79
12.53	12.67	178030247.0	2318092534.32	1.0523	13.91	11.33
12.49	12.62	126305227.0	1627912725.03	0.7466	13.97	11.38
12.39	12.82	120081480.0	1550701791.1	0.7098	13.91	11.33
12.75	12.9	206414972.0	2731215933.75	1.2201	14.13	11.51
12.77	13.97	284392582.0	3860145472.82	1.681	14.22	11.58
13.73	14.17	249532781.0	3609849024.92	1.475	15.4	12.55
14.2	14.82	257023146.0	3839501153.96	1.5192	15.62	12.72
13.79	14.07	242914214.0	3562843399.78	1.4358	16.33	13.31
13.5	14.28	263018967.0	3732597275.58	1.5547	15.51	12.64
13.47	13.65	206408533.0	2878491901.47	1.2201	15.74	12.82

13.12	13.42	176643250.0	2396540133.1	1.0441	15.04	12.26
13.19	13.54	156409493.0	2148312654.99	0.9245	14.79	12.05
12.98	13.1	137963571.0	1866700884.59	0.8155	14.92	12.16
12.68	12.72	178493315.0	2354299656.82	1.0551	14.44	11.76
12.72	13.02	145402345.0	1923315712.98	0.8595	14.02	11.42
12.82	13.02	172368132.0	2301867653.62	1.0188	14.35	11.69
12.51	12.8	161984496.0	2104168537.1	0.9575	14.35	11.69
12.47	12.55	118195784.0	1526953344.35	0.6986	14.11	11.49
12.47	12.81	135131504.0	1751423112.52	0.7987	13.83	11.27
12.6	13.22	226195273.0	2980735572.46	1.337	14.12	11.5
12.74	12.74	174340579.0	2302354901.5	1.0305	14.57	11.87
12.6	12.85	128924811.0	1679022035.87	0.7621	14.04	11.44
12.63	12.72	100199798.0	1311131917.66	0.5923	14.16	11.54
12.39	12.44	109995250.0	1405372004.04	0.6502	14.02	11.42
12.36	12.47	80546452.0	1029422753.28	0.4761	13.71	11.17
12.46	13.0	239794295.0	3138687565.9	1.4174	13.75	11.2
12.85	12.98	110624507.0	1463802116.67	0.6539	14.33	11.67
12.88	13.26	148520344.0	2005617683.86	0.8779	14.31	11.65
13.17	13.24	74290095.0	1004525768.54	0.4391	14.61	11.91
12.88	12.97	158556718.0	2145040658.23	0.9372	14.59	11.89
12.91	13.38	112368845.0	1510826264.44	0.6642	14.3	11.65
12.91	13.01	136656673.0	1848165006.46	0.8078	14.75	12.01
12.74	12.93	155303047.0	2052944539.14	0.918	14.34	11.68
12.82	13.02	98291553.0	1303222040.36	0.581	14.25	11.61
13.04	13.42	208159255.0	2856543822.18	1.2123	14.35	11.69
12.92	13.05	296249838.0	4006220766.94	1.7511	14.79	12.05
12.85	12.97	185450948.0	2454543516.41	1.0962	14.38	11.72
12.87	13.02	121031272.0	1603289517.93	0.7154	14.3	11.65
12.58	12.68	215862081.0	2806099169.66	1.2759	14.35	11.69
12.64	12.8	134434509.0	1754315792.47	0.7946	13.98	11.38
12.64	13.19	240327736.0	3196055830.91	1.4205	14.11	11.49
12.99	13.12	144387781.0	1937494294.07	0.8535	14.54	11.84
13.13	13.27	135399140.0	1833435672.07	0.8003	14.46	11.78
13.22	13.92	312239448.0	4376707088.52	1.8456	14.63	11.92
13.74	13.92	244454900.0	3479177087.3	1.4449	15.34	12.5

13.92	13.95	265629401.0	3849312882.21	1.5701	15.34	12.5
14.0	14.44	214802680.0	3120455742.35	1.2697	15.37	12.53
14.4	14.52	257114669.0	3832857440.3	1.5198	15.91	12.97
14.15	14.16	207386714.0	3032799070.35	1.2258	16.0	13.04
14.05	14.37	238879170.0	3492462005.57	1.412	15.6	12.72
14.22	14.36	259129212.0	3838734922.63	1.5317	15.84	12.91
13.72	13.92	236998459.0	3360822344.56	1.4009	15.82	12.9
13.74	13.77	203298865.0	2885104627.01	1.2017	15.34	12.5
13.32	13.46	209054668.0	2911452095.24	1.2357	15.18	12.37
13.27	13.37	109473986.0	1497708872.63	0.6471	14.83	12.09
13.25	13.77	174772914.0	2423104767.05	1.0331	14.74	12.01
13.56	13.75	200561475.0	2821583609.23	1.1855	15.18	12.37
13.35	13.77	117651271.0	1637619618.32	0.6954	15.15	12.35
13.45	14.27	233199790.0	3326355314.78	1.3784	15.18	12.37
13.65	13.72	258287204.0	3641294710.26	1.5267	15.73	12.82
12.48	12.64	334571697.0	4521586590.19	1.9776	15.12	12.32
12.25	12.26	213781506.0	2711464886.05	1.2636	13.93	11.35
11.1	11.41	282494975.0	3308553501.52	1.6698	13.51	11.01
11.28	11.44	122878244.0	1439644312.04	0.7263	12.58	10.24
11.56	11.66	129817869.0	1562420005.24	0.7673	12.61	10.27
11.48	11.72	86419024.0	1030474410.44	0.5108	12.85	10.47
11.97	12.18	126840607.0	1573562575.57	0.7497	12.92	10.52
12.17	12.33	101366320.0	1278185721.74	0.5992	13.43	10.93
12.17	12.35	104575874.0	1318960463.96	0.6181	13.59	11.07
11.91	12.0	128586906.0	1590018492.14	0.7601	13.61	11.09
11.65	11.77	121414559.0	1463313702.75	0.7177	13.23	10.77
11.62	11.76	88695718.0	1069354491.03	0.5243	12.98	10.57
11.57	11.67	66312416.0	791736473.27	0.392	12.96	10.56
11.52	11.58	75418313.0	897244265.05	0.4458	12.87	10.47
11.49	11.82	115016249.0	1373438382.66	0.6798	12.77	10.39
11.76	11.77	142757032.0	1744085270.04	0.8438	13.03	10.61
11.67	11.83	68975503.0	832153697.14	0.4077	12.98	10.57
11.7	11.81	94387697.0	1139043574.63	0.5579	13.04	10.62
11.67	11.75	126870132.0	1526643478.92	0.7499	13.02	10.6
11.72	11.74	108226732.0	1309543466.56	0.6397	12.95	10.55

11.55	11.64	63559413.0	757090756.43	0.3757	12.94	10.54
11.38	11.43	115569473.0	1356878634.17	0.6831	12.83	10.45
11.36	11.36	96298338.0	1130784170.87	0.5692	12.6	10.26
11.33	11.55	80853872.0	947664744.37	0.4779	12.52	10.2
11.44	11.54	77615002.0	916858475.86	0.4588	12.73	10.37
11.57	11.62	144510951.0	1736437401.21	0.8542	12.72	10.36
11.34	11.38	98427842.0	1155741055.87	0.5818	12.81	10.43
10.64	11.06	182569075.0	2037734400.09	1.0791	12.55	10.21
10.58	10.65	138359851.0	1519435011.09	0.8178	12.19	9.93
10.58	10.66	110393361.0	1213989931.18	0.6525	11.74	9.56
10.51	10.61	109902339.0	1201023442.21	0.6496	11.75	9.57
10.27	10.77	133060238.0	1445281829.86	0.7865	11.7	9.52
10.6	10.62	75217368.0	823438180.73	0.4446	11.88	9.67
10.42	10.43	110931643.0	1200911980.38	0.6557	11.71	9.53
10.23	10.28	89074565.0	942237800.69	0.5265	11.5	9.36
10.32	10.59	160248873.0	1737258898.28	0.9472	11.34	9.22
10.45	10.74	107479576.0	1180084371.59	0.6353	11.68	9.5
10.69	11.14	139095079.0	1562265089.74	0.8222	11.84	9.64
11.1	11.55	209597045.0	2458982163.44	1.2389	12.28	10.0
11.14	11.24	117312818.0	1364675848.46	0.6934	12.73	10.37
11.17	11.29	130025597.0	1516155527.17	0.7686	12.39	10.09
10.75	10.82	142707281.0	1593706086.4	0.8435	12.45	10.13
10.83	10.93	130189172.0	1468159349.66	0.7695	11.93	9.71
11.0	11.22	147584533.0	1692722923.5	0.8724	12.05	9.81
11.14	11.19	84913183.0	979593564.6	0.5019	12.37	10.07
10.92	11.07	95869066.0	1090801311.42	0.5667	12.34	10.04
10.98	11.29	107028935.0	1228544006.32	0.6326	12.21	9.94
11.3	11.58	146109880.0	1725152198.09	0.8636	12.45	10.13
11.35	11.4	73028648.0	854713248.88	0.4317	12.77	10.39
11.03	11.14	87423591.0	1002483154.12	0.5167	12.57	10.23
10.35	10.57	270979568.0	2958464277.86	1.6017	12.28	10.0
10.52	10.6	119052318.0	1295804420.86	0.7037	11.66	9.49
10.29	10.47	128135557.0	1372765845.83	0.7574	11.69	9.51
10.38	10.4	71050952.0	761302468.67	0.42	11.55	9.4
10.36	10.53	97430967.0	1046743101.92	0.5759	11.47	9.33

10.52	10.73	137330568.0	1511546681.16	0.8117	11.61	9.45
10.6	10.69	62765613.0	687036874.44	0.371	11.83	9.63
10.63	10.73	55273588.0	607349997.23	0.3267	11.79	9.59
10.68	10.73	77236966.0	853271166.64	0.4565	11.83	9.63
10.75	10.9	103929716.0	1158064201.07	0.6143	11.83	9.63
10.74	10.84	66926144.0	742590447.65	0.3956	12.02	9.78
10.61	10.62	71436208.0	782694669.69	0.4223	11.95	9.73
10.5	10.54	58649438.0	635675440.98	0.3467	11.71	9.53
10.48	10.68	57838477.0	628250184.92	0.3419	11.62	9.46
10.65	10.67	76353357.0	838750577.65	0.4447	11.78	9.58
10.51	10.58	58987185.0	639815249.44	0.3435	11.77	9.58
10.34	10.37	99101629.0	1058587812.32	0.5772	11.67	9.49
10.3	10.33	68815202.0	730678763.88	0.4008	11.44	9.31
10.27	10.31	59333567.0	629735450.6	0.3456	11.39	9.27
10.23	10.31	56940092.0	602590746.57	0.3316	11.37	9.25
10.07	10.1	88949497.0	930386966.63	0.518	11.37	9.25
9.77	9.8	112444704.0	1139918753.16	0.6549	11.14	9.06
9.74	9.9	98736038.0	999216332.96	0.575	10.81	8.79
9.79	9.91	59721116.0	608398867.46	0.3478	10.92	8.88
9.87	9.99	59303835.0	608291978.44	0.3454	10.93	8.89
9.83	9.98	65654075.0	670740302.01	0.3824	11.02	8.96
9.82	9.86	71274341.0	724032796.29	0.4151	11.01	8.95
9.9	10.09	126263820.0	1306425478.09	0.7354	10.87	8.85
9.78	9.84	109937982.0	1114968856.53	0.6403	11.13	9.05
9.72	9.76	72137498.0	724687998.61	0.4201	10.85	8.83
9.67	9.78	91330072.0	914001701.46	0.5319	10.76	8.76
9.67	9.67	53058431.0	530483756.71	0.309	10.79	8.77
9.64	9.79	86639201.0	872487574.28	0.5046	10.67	8.68
9.78	9.89	124870788.0	1273412999.36	0.7273	10.8	8.78
9.54	9.59	156587447.0	1565756559.87	0.912	10.91	8.87
9.48	9.63	76363731.0	752950700.66	0.4447	10.58	8.6
9.58	9.58	84007077.0	836014838.14	0.4893	10.62	8.64
9.49	9.57	65781851.0	645752909.26	0.3831	10.57	8.59
9.1	9.18	119521260.0	1154559080.5	0.6961	10.56	8.59
8.81	9.08	112415694.0	1042528543.99	0.6547	10.13	8.23

8.75	8.81	104514268.0	958871648.21	0.6087	10.02	8.14
8.59	8.64	111076403.0	996801234.7	0.6469	9.72	7.9
8.68	8.81	67529968.0	611346088.69	0.3933	9.53	7.75
8.27	8.33	131552013.0	1158545868.81	0.7662	9.72	7.9
8.17	8.39	127483857.0	1096657033.32	0.7425	9.19	7.47
8.33	8.33	71115337.0	617278559.96	0.4142	9.26	7.52
8.27	8.32	83576877.0	722169579.0	0.4868	9.19	7.47
8.17	8.38	98828269.0	852071526.98	0.5756	9.18	7.46
8.4	8.75	140995460.0	1255007609.99	0.8212	9.25	7.51
8.61	8.7	89686202.0	803038965.25	0.5223	9.65	7.85
8.4	8.5	85129670.0	744765824.89	0.4958	9.6	7.8
8.44	8.74	114049231.0	1008658828.67	0.6642	9.36	7.64
8.68	8.74	60337821.0	535401175.45	0.3514	9.63	7.85
8.55	8.59	68984558.0	603427713.21	0.4018	9.63	7.85
8.52	8.58	37535633.0	326396994.95	0.2186	9.46	7.72
8.55	8.56	52515277.0	460697377.12	0.3059	9.45	7.71
8.55	8.59	46137239.0	403674308.23	0.2687	9.43	7.69
8.47	8.97	175427740.0	1576843937.1	1.0217	9.46	7.72
8.86	9.28	178168826.0	1646028021.04	1.0377	9.88	8.06
9.19	9.26	142589416.0	1348746826.83	0.8304	10.22	8.34
9.19	9.24	61412281.0	575752176.95	0.3577	10.2	8.32
9.07	9.11	83335815.0	778429753.79	0.4854	10.18	8.3
9.04	9.11	51512603.0	477527419.46	0.3	10.04	8.19
9.12	9.25	70638597.0	661767547.55	0.4114	10.04	8.19
9.11	9.28	72015080.0	674484650.66	0.4194	10.19	8.31
8.97	9.01	81408168.0	759282229.65	0.4741	10.22	8.34
8.74	8.8	93140128.0	839272254.36	0.5425	9.93	8.1
8.77	8.77	47654662.0	428641526.2	0.2775	9.69	7.91
8.75	8.8	55401008.0	497906686.27	0.3227	9.66	7.88
8.74	9.03	69042319.0	624359656.36	0.4021	9.69	7.91
8.9	8.91	57895316.0	527526989.83	0.3372	9.95	8.11
8.88	9.15	80678377.0	746469808.09	0.4699	9.82	8.01
9.02	9.09	42416836.0	391366341.57	0.247	10.08	8.22
8.76	8.91	81849112.0	736947790.49	0.4767	10.01	8.17
8.8	8.86	43024036.0	386334617.95	0.2506	9.82	8.01

8.61	8.65	67044285.0	594759517.14	0.3905	9.76	7.96
8.5	8.64	63827255.0	559523123.02	0.3717	9.53	7.77
8.64	8.67	64947656.0	576683267.11	0.3783	9.52	7.76
8.73	8.86	68132206.0	609934725.59	0.3968	9.55	7.79
8.87	9.09	126447447.0	1163292795.24	0.7364	9.76	7.96
8.99	9.15	98243398.0	909598743.27	0.5722	10.01	8.17
9.09	9.22	72907462.0	680941392.24	0.4246	10.08	8.22
9.15	9.89	304040839.0	2995071976.81	1.7707	10.16	8.28
9.83	10.29	221842422.0	2251527721.35	1.292	10.89	8.89
10.1	10.15	128977724.0	1331917860.95	0.7512	11.33	9.25
10.01	10.13	90188349.0	923581546.46	0.5253	11.18	9.12
9.94	9.98	99491773.0	1013877514.26	0.5794	11.16	9.1
9.96	9.99	131086524.0	1337898869.57	0.7635	10.99	8.97
9.95	10.05	71169567.0	725303291.73	0.4145	11.0	8.98
9.93	10.29	129634208.0	1339756563.51	0.755	11.07	9.03
9.91	9.91	117945317.0	1202345697.97	0.6869	11.33	9.25
9.81	9.83	71177755.0	713975749.02	0.4145	10.92	8.91
9.79	9.87	80903534.0	815151722.99	0.4712	10.83	8.83
9.7	9.74	63698929.0	631174169.93	0.371	10.87	8.87
9.67	9.77	71296751.0	707337570.14	0.4152	10.73	8.75
9.68	9.74	56482916.0	558399563.21	0.329	10.76	8.78
9.7	9.82	99972561.0	993389970.35	0.5822	10.73	8.75
9.67	9.7	61975019.0	611422480.21	0.3609	10.82	8.82
9.54	9.55	51708233.0	502609643.63	0.3012	10.68	8.72
9.56	9.94	112680742.0	1120867543.02	0.6563	10.52	8.58
9.89	10.1	123154877.0	1257191505.96	0.7173	10.95	8.93
10.05	10.09	62034836.0	636742814.23	0.3613	11.12	9.08
10.04	10.53	162451841.0	1707850487.8	0.9461	11.11	9.07
10.34	10.41	97701470.0	1030715785.16	0.569	11.6	9.46
10.38	10.57	149051343.0	1600626208.76	0.8681	11.47	9.36
10.43	10.6	88036333.0	942200398.62	0.5127	11.64	9.5
10.64	10.91	211024267.0	2331358288.96	1.229	11.67	9.53
10.31	10.31	168635852.0	1793455283.09	0.9821	12.02	9.81
10.25	10.42	106408426.0	1117946550.71	0.6197	11.36	9.27
10.24	10.31	99520008.0	1045666180.93	0.5796	11.48	9.36

9.56	9.72	199514383.0	1994186611.8	1.162	11.36	9.27
9.73	10.16	151681028.0	1532651400.23	0.8834	10.71	8.73
9.95	9.97	140268530.0	1443043059.27	0.8169	11.19	9.13
9.98	10.23	139692105.0	1450020371.45	0.8136	10.98	8.96
10.0	10.19	135088983.0	1400306336.22	0.7868	11.27	9.19
9.92	9.95	100115605.0	1015654821.72	0.5831	11.22	9.16
9.78	10.62	208366732.0	2173571254.62	1.2135	10.96	8.94
10.64	11.01	264554312.0	2932714470.7	1.5408	11.7	9.54
10.59	10.7	160254592.0	1759265958.65	0.9333	12.13	9.9
10.66	10.9	182942464.0	2026171911.62	1.0655	11.78	9.62
10.57	11.15	168501136.0	1855823739.15	0.9814	12.0	9.8
10.82	11.04	129997510.0	1448843512.3	0.7571	12.28	10.02
10.48	10.61	159162878.0	1725932497.61	0.927	12.16	9.92
10.59	10.76	150182786.0	1641371787.2	0.8747	11.69	9.54
10.61	10.77	115268379.0	1252156775.98	0.6713	11.85	9.67
10.62	10.69	154277632.0	1679443449.71	0.8985	11.86	9.68
10.69	10.95	221292287.0	2439179135.98	1.2888	11.77	9.61
10.68	10.78	129192417.0	1409457171.3	0.7524	12.06	9.84
10.59	10.7	73572574.0	795322638.26	0.4285	11.87	9.69
10.61	10.67	78559741.0	851487053.87	0.4575	11.78	9.62
10.68	10.75	79397600.0	864744243.04	0.4624	11.75	9.59
10.26	10.41	162926917.0	1716198382.75	0.9489	11.84	9.66
10.24	10.42	92033388.0	965756504.35	0.536	11.47	9.36
10.24	10.4	107249762.0	1126736143.27	0.6246	11.48	9.36
10.28	10.3	77423985.0	810357748.16	0.4509	11.45	9.35
10.28	10.48	90146198.0	949991801.2	0.525	11.34	9.26
10.35	10.43	105959259.0	1123173219.43	0.6171	11.54	9.42
10.43	10.71	136088709.0	1466899416.62	0.7926	11.49	9.37
10.38	10.43	103387753.0	1099654683.02	0.6021	11.8	9.63
10.34	10.47	66615733.0	705638355.22	0.388	11.49	9.37
10.34	10.41	50026785.0	527103281.19	0.2914	11.53	9.41
10.17	10.18	70035815.0	730667665.37	0.4079	11.47	9.36
10.16	10.2	51656911.0	535963342.86	0.3009	11.21	9.15
10.02	10.04	73344838.0	752824120.3	0.4272	11.23	9.17
10.02	10.14	53775145.0	550820246.7	0.3132	11.06	9.02

10.05	10.06	48528405.0	499068827.02	0.2826	11.17	9.11
10.03	10.22	59471532.0	610571532.61	0.3464	11.08	9.04
10.33	10.45	106409717.0	1126374829.79	0.6197	11.26	9.18
10.39	10.45	53481305.0	565743744.88	0.3115	11.51	9.39
10.26	10.31	58154527.0	608133290.28	0.3387	11.51	9.39
10.09	10.11	57886648.0	594649682.99	0.3371	11.36	9.27
10.13	10.14	34021615.0	351101370.35	0.1981	11.14	9.09
9.99	10.03	49481887.0	504040653.97	0.2882	11.17	9.11
10.03	10.09	29908962.0	305389210.46	0.1742	11.05	9.01
10.06	10.1	36637903.0	375402863.92	0.2134	11.11	9.07
10.06	10.25	79084521.0	819920689.17	0.4606	11.12	9.08
10.02	10.03	52667513.0	539263012.14	0.3067	11.29	9.21
9.96	10.15	57127487.0	584679512.21	0.3327	11.05	9.01
9.96	9.98	53774430.0	547157562.78	0.3132	11.18	9.12
9.76	9.8	59800701.0	600090171.18	0.3483	10.99	8.97
9.49	9.57	99028479.0	964202861.12	0.5767	10.79	8.81
9.19	9.31	100061676.0	944460332.35	0.5828	10.54	8.6
9.17	9.28	50911767.0	477186904.75	0.2965	10.26	8.36
9.07	9.2	58661545.0	545235607.85	0.3416	10.22	8.34
9.13	9.16	42114060.0	393215140.97	0.2453	10.13	8.27
9.14	9.14	62459327.0	586343755.03	0.3638	10.09	8.23
9.17	9.24	57660400.0	541571004.8	0.3358	10.07	8.21
9.02	9.05	53938632.0	498695109.66	0.3141	10.18	8.3
9.01	9.14	41553795.0	384457707.88	0.242	9.97	8.13
9.08	9.61	148115906.0	1422149888.16	0.8626	10.07	8.21
9.49	9.6	86568766.0	841166430.7	0.5042	10.59	8.64
9.48	9.52	40238811.0	389247795.73	0.2344	10.57	8.63
9.56	9.8	123348636.0	1229465116.69	0.7184	10.49	8.55
9.72	9.96	107181766.0	1079711035.8	0.6242	10.79	8.81
9.91	10.06	69636455.0	708001802.17	0.4056	10.97	8.95
9.93	9.97	50044359.0	507862882.18	0.2915	11.08	9.04
9.95	10.1	54216055.0	553027309.58	0.3158	10.98	8.96
10.09	10.34	97769937.0	1017495116.11	0.5694	11.12	9.08
10.03	10.11	88281192.0	910212066.31	0.5142	11.39	9.29
10.14	10.29	73879326.0	769973637.95	0.4303	11.14	9.09

10.18	10.2	65935576.0	684465646.24	0.384	11.33	9.25
10.12	10.14	42441357.0	438991450.35	0.2472	11.23	9.17
10.15	10.21	53787663.0	559384396.28	0.3133	11.17	9.11
10.23	10.38	67924088.0	711495718.15	0.3956	11.25	9.18
10.41	10.86	210836185.0	2299718224.86	1.2279	11.43	9.33
10.74	10.8	103590980.0	1141853833.83	0.6033	11.96	9.76
10.63	10.86	82663110.0	904847854.07	0.4814	11.89	9.71
10.72	10.81	71200101.0	785204571.55	0.4147	11.96	9.76
10.8	10.96	83162275.0	922602874.59	0.4843	11.91	9.72
10.82	11.06	101427007.0	1127216186.16	0.5907	12.07	9.85
10.83	11.07	80193663.0	889951528.76	0.4671	12.18	9.94
10.89	11.05	95993690.0	1071873084.84	0.5591	12.19	9.95
10.98	11.24	113736574.0	1280182096.94	0.6624	12.17	9.93
11.05	11.11	86918519.0	977818097.62	0.5062	12.38	10.1
10.76	10.81	110012746.0	1213914428.9	0.6407	12.24	9.99
10.9	11.22	125552221.0	1408279680.09	0.7312	11.91	9.72
11.1	11.13	127088204.0	1445281382.9	0.7402	12.36	10.08
11.11	11.27	83262987.0	949430819.51	0.4849	12.26	10.0
11.14	11.22	75424648.0	860591070.9	0.4393	12.41	10.13
11.01	11.4	118404779.0	1343020336.09	0.6896	12.36	10.08
11.43	12.41	282493502.0	3415946860.2	1.6453	12.55	10.25
12.01	12.06	201754493.0	2485673356.77	1.175	13.67	11.16
12.01	12.26	197901388.0	2454404411.85	1.1526	13.28	10.84
12.13	12.22	111309980.0	1383110810.74	0.6483	13.5	11.02
12.06	12.62	171267916.0	2137669556.81	0.9975	13.46	10.98
12.48	12.85	245683039.0	3195011702.87	1.4309	13.9	11.34
12.7	12.92	140842222.0	1838251656.51	0.8203	14.15	11.55
12.7	12.94	124576020.0	1614670974.69	0.7255	14.23	11.61
12.41	12.6	178205731.0	2274151007.32	1.0379	14.25	11.63
12.11	12.16	177816210.0	2214572416.75	1.0356	13.87	11.33
11.91	12.18	115765077.0	1416000379.71	0.6742	13.39	10.93
12.1	12.22	141179492.0	1757797250.71	0.8222	13.41	10.95
11.99	12.23	126942716.0	1568387543.68	0.7393	13.46	10.98
12.13	12.29	105746790.0	1316372926.2	0.6159	13.47	10.99
12.2	12.36	104540603.0	1311323009.34	0.6088	13.53	11.05

12.18	12.77	148645480.0	1882483633.89	0.8657	13.61	11.11
12.47	12.65	95719646.0	1221118294.2	0.5575	14.06	11.48
12.48	12.61	92999638.0	1185477058.67	0.5416	13.93	11.37
12.44	12.55	86014080.0	1092506482.84	0.5009	13.89	11.34
12.36	12.45	71350206.0	898629416.83	0.4155	13.82	11.28
11.96	11.97	117988326.0	1445560160.24	0.6872	13.71	11.19
11.87	11.96	93539327.0	1136721266.55	0.5448	13.18	10.76
12.04	12.24	92282680.0	1138302657.13	0.5375	13.17	10.75
11.96	12.08	73246744.0	892530627.33	0.4266	13.48	11.0
12.07	12.68	166950647.0	2108295393.93	0.9723	13.3	10.86
12.69	13.04	195140119.0	2588268668.87	1.1365	13.96	11.4
13.09	13.22	110038404.0	1466040987.09	0.6409	14.36	11.72
13.01	13.3	79291579.0	1056166231.53	0.4618	14.56	11.88
13.29	13.72	203436500.0	2796366353.31	1.1848	14.64	11.96
13.58	13.82	174317620.0	2464536241.47	1.0152	15.11	12.33
13.61	13.67	78133238.0	1080549202.28	0.4551	15.22	12.42
13.26	13.59	94713506.0	1289475602.49	0.5516	15.05	12.29
13.35	13.4	65535662.0	897382236.21	0.3817	14.96	12.22
13.07	13.28	77432464.0	1035139673.95	0.451	14.75	12.05
13.52	13.55	153389068.0	2134708981.63	0.8933	14.62	11.94
13.41	14.44	237937518.0	3379550307.18	1.3858	14.92	12.18
14.09	14.21	100410987.0	1443493493.41	0.5848	15.9	12.98
13.97	14.2	50704530.0	721908800.59	0.2953	15.65	12.78
14.16	14.59	124603609.0	1814875936.7	0.7257	15.63	12.77
13.94	14.01	132227390.0	1899850004.34	0.7701	16.06	13.12
13.83	13.93	94068734.0	1326465625.08	0.5479	15.43	12.6
14.02	14.3	194972363.0	2811131027.08	1.1355	15.34	12.52
13.99	13.99	111147637.0	1597895217.32	0.6473	15.74	12.86
13.56	13.65	100942124.0	1407987365.79	0.5879	15.4	12.58
13.72	13.96	103069575.0	1450714134.04	0.6003	15.03	12.27
13.45	13.71	111657027.0	1542958577.59	0.6503	15.37	12.55
12.57	12.73	210866784.0	2742409411.07	1.2281	15.1	12.33
12.58	12.81	107265841.0	1386247078.7	0.6247	14.02	11.44
12.36	12.46	97545081.0	1236655982.73	0.5681	14.11	11.52
11.91	12.02	155715161.0	1904905488.71	0.9069	13.72	11.2

11.96	12.54	119239908.0	1489975624.98	0.6945	13.24	10.8
12.09	12.16	74191779.0	916213719.48	0.4321	13.81	11.27
12.02	12.35	118259819.0	1477008362.92	0.6887	13.39	10.93
12.43	12.78	110398851.0	1417050112.59	0.643	13.6	11.1
12.64	12.71	63490143.0	816740932.12	0.3698	14.07	11.49
12.22	12.3	96500085.0	1208569909.79	0.562	14.0	11.43
12.11	12.24	78643518.0	971222474.19	0.458	13.54	11.06
12.22	12.42	73121051.0	919191240.91	0.4259	13.48	11.0
12.18	12.26	50623072.0	628437470.06	0.2948	13.68	11.16
12.0	12.15	66685543.0	817850530.32	0.3884	13.5	11.02
12.17	12.21	49552620.0	613106248.37	0.2886	13.38	10.92
11.79	12.23	104842598.0	1275632724.48	0.6106	13.45	10.98
12.12	12.35	88070312.0	1094063186.24	0.5129	13.47	10.99
12.12	12.26	66641150.0	827828661.23	0.3881	13.6	11.1
11.97	12.08	64628465.0	787801007.39	0.3764	13.5	11.02
11.97	12.04	68679439.0	839375709.99	0.4	13.3	10.86
11.68	11.76	151271905.0	1816591876.76	0.881	13.26	10.82
11.46	11.71	97465534.0	1147709578.08	0.5676	12.95	10.57
11.78	11.83	74889231.0	899331716.05	0.4362	12.9	10.53
11.75	11.78	43366526.0	519425127.18	0.2526	13.03	10.63
11.84	12.2	114466882.0	1404223620.41	0.6667	12.97	10.59
12.16	12.51	125108751.0	1574105212.18	0.7286	13.43	10.97
12.3	12.43	65731018.0	825178004.42	0.3828	13.78	11.25
12.29	12.45	53000026.0	666277695.76	0.3087	13.69	11.17
12.31	12.35	48319173.0	606815214.15	0.2814	13.71	11.19
12.34	12.53	61981588.0	786223580.98	0.361	13.6	11.1
12.45	12.66	48355512.0	616237571.71	0.2816	13.8	11.26
12.87	12.93	114322639.0	1504997837.9	0.6658	13.94	11.38
12.98	13.66	152919147.0	2083209238.73	0.8906	14.24	11.62
13.44	13.5	101112915.0	1384099587.01	0.5889	15.04	12.28
13.47	13.55	65957285.0	904433349.29	0.3841	14.86	12.14
12.93	13.29	146922707.0	1954855785.93	0.8557	14.92	12.18
13.19	13.37	54650476.0	731207282.9	0.3183	14.62	11.96
13.45	13.71	92507494.0	1270042461.29	0.5388	14.71	12.03
13.58	13.78	49809369.0	682679970.2	0.2901	15.08	12.34

13.87	13.93	96063600.0	1347792874.8	0.5595	15.16	12.4
13.86	14.18	105274486.0	1481211353.19	0.6131	15.32	12.54
13.87	14.01	76907849.0	1076744400.79	0.4479	15.6	12.76
13.88	13.99	62129252.0	873624287.32	0.3618	15.41	12.61
13.69	13.92	74919609.0	1037357175.72	0.4363	15.39	12.59
13.45	13.59	77841390.0	1061095712.61	0.4534	15.31	12.53
13.44	13.59	49429611.0	670391720.57	0.2879	14.95	12.23
13.49	13.56	35822079.0	487071876.75	0.2086	14.95	12.23
13.53	13.54	48418314.0	660588299.89	0.282	14.92	12.2
13.58	14.12	146536652.0	2055749881.65	0.8534	14.89	12.19
13.84	14.0	84128276.0	1175798104.87	0.49	15.53	12.71
13.71	13.75	72278079.0	998151578.95	0.4209	15.4	12.6
13.61	13.69	41002063.0	561944451.84	0.2388	15.13	12.38
13.56	13.67	42282622.0	578067487.97	0.2463	15.06	12.32
13.68	13.99	86639070.0	1207316526.53	0.5046	15.04	12.3
13.76	13.85	58228330.0	807249426.05	0.3391	15.39	12.59
13.65	13.76	50400423.0	692328447.63	0.2935	15.24	12.47
13.79	13.88	57027622.0	793387782.2	0.3321	15.14	12.38
13.85	14.2	108782641.0	1534889645.77	0.6336	15.27	12.49
14.08	14.23	63530571.0	901074107.51	0.37	15.62	12.78
14.18	14.29	71557619.0	1023261763.08	0.4168	15.65	12.81
14.29	14.37	79663432.0	1148582412.56	0.464	15.72	12.86
14.08	14.13	63472348.0	899227865.95	0.3697	15.81	12.93
13.94	14.1	52798128.0	742308285.2	0.3075	15.54	12.72
13.66	13.74	96992646.0	1333400773.79	0.5649	15.51	12.69
13.27	13.35	89308242.0	1201885399.11	0.5201	15.11	12.37
13.03	13.37	88249913.0	1166971469.04	0.514	14.69	12.02
13.37	13.54	79303899.0	1070736943.88	0.4619	14.71	12.03
13.85	14.38	233071504.0	3313302100.18	1.3574	14.89	12.19
14.43	14.52	206057513.0	3021884306.17	1.2001	15.82	12.94
14.6	15.12	273342547.0	4084497902.64	1.592	15.97	13.07
14.74	14.89	129373644.0	1925835288.3	0.7535	16.63	13.61
14.8	14.97	136054654.0	2038261151.54	0.7924	16.38	13.4
14.6	14.94	89737626.0	1333117725.96	0.5226	16.47	13.47
14.78	14.9	98690293.0	1474900257.6	0.5748	16.43	13.45

14.52	14.92	229295613.0	3368207935.07	1.3354	16.39	13.41
14.77	14.99	192104150.0	2872304200.91	1.1188	16.41	13.43
14.38	14.45	199013195.0	2902251100.57	1.1591	16.49	13.49
14.2	14.31	135307158.0	1935208499.05	0.788	15.9	13.0
14.35	14.65	163686768.0	2388239081.28	0.9533	15.74	12.88
14.15	14.25	141512254.0	2018498039.72	0.8242	16.12	13.19
14.24	14.31	135671337.0	1948127123.02	0.7902	15.68	12.83
14.05	14.27	82965768.0	1176329095.67	0.4832	15.74	12.88
14.08	14.13	60903434.0	861177482.39	0.3547	15.7	12.84
14.1	14.16	79850057.0	1136119659.76	0.465	15.54	12.72
14.11	14.45	136020130.0	1955673136.9	0.7922	15.58	12.74
14.25	14.3	85865365.0	1230606485.03	0.5001	15.9	13.0
14.31	14.44	97396487.0	1404037295.8	0.5672	15.73	12.87
14.55	14.58	176805143.0	2599478258.91	1.0297	15.88	13.0
14.62	14.81	98643280.0	1451264912.65	0.5745	16.04	13.12
14.6	14.69	129983914.0	1918042303.91	0.757	16.29	13.33
14.41	14.55	79687064.0	1155180739.29	0.4641	16.16	13.22
14.46	14.56	81861421.0	1192674258.6	0.4768	16.01	13.1
14.53	14.68	115068764.0	1682911849.78	0.6702	16.02	13.1
14.4	14.45	92989414.0	1349401481.22	0.5416	16.15	13.21
14.18	14.24	88265575.0	1261416554.29	0.5141	15.9	13.0
14.24	14.41	82043633.0	1179079988.02	0.4778	15.66	12.82
14.48	14.84	188402083.0	2777383508.48	1.0973	15.85	12.97
14.93	15.34	264428514.0	4020646521.95	1.54	16.32	13.36
15.18	15.38	140328200.0	2148740448.83	0.8173	16.87	13.81
15.18	15.18	112910324.0	1726238272.95	0.6576	16.92	13.84
15.19	15.75	193889272.0	3024598930.57	1.0263	16.7	13.66
15.66	15.71	168659258.0	2673096951.23	0.8928	17.33	14.18
15.7	15.9	100770627.0	1598567052.2	0.5193	17.28	14.14
15.57	15.59	104636317.0	1645828526.9	0.5392	17.49	14.31
15.6	16.2	138667636.0	2225024598.59	0.7146	17.15	14.03
16.02	16.25	131669341.0	2145061763.15	0.6785	17.82	14.58
15.99	16.24	87974662.0	1418751875.78	0.4533	17.88	14.63
16.2	16.81	140542282.0	2335030599.25	0.7242	17.86	14.62
16.92	17.22	155763745.0	2688929547.26	0.8027	18.49	15.13

16.82	17.18	88195542.0	1503633369.49	0.4545	18.94	15.5
16.63	16.79	126767121.0	2146150627.26	0.6532	18.9	15.46
16.55	16.7	112618222.0	1887045621.02	0.5803	18.47	15.11
16.43	16.51	119679914.0	1999012671.73	0.6167	18.37	15.03
16.43	16.89	94595225.0	1589276085.98	0.4875	18.16	14.86
16.03	16.42	188353143.0	3072547165.97	0.9706	18.58	15.2
16.23	16.45	96753459.0	1590781971.78	0.4986	18.06	14.78
16.44	16.87	110921477.0	1861032918.48	0.5716	18.1	14.81
16.58	16.88	69143576.0	1161100080.0	0.3563	18.56	15.18
16.48	16.66	107013113.0	1780873358.26	0.5515	18.57	15.19
16.56	16.91	78886473.0	1322036352.42	0.4065	18.33	14.99
16.42	16.43	85431717.0	1420644944.87	0.4402	18.6	15.22
16.24	16.26	86256930.0	1407006434.79	0.4445	18.07	14.79
16.28	16.86	125465544.0	2096068960.59	0.6465	17.89	14.63
16.77	16.92	88982425.0	1507910818.55	0.4585	18.55	15.17
16.79	17.15	117248589.0	2010924199.94	0.6042	18.61	15.23
16.88	16.96	86332536.0	1470233502.73	0.4449	18.87	15.43
16.75	16.89	71189699.0	1200671649.42	0.3668	18.66	15.26
16.64	16.65	84913924.0	1421088326.15	0.4376	18.58	15.2
16.2	16.28	95351563.0	1556517253.18	0.4914	18.32	14.99
16.16	16.33	51626640.0	840769286.54	0.266	17.91	14.65
16.06	16.33	65512065.0	1067975601.16	0.3376	17.96	14.7
16.25	16.32	46889955.0	767006342.15	0.2416	17.96	14.7
16.24	16.34	56922798.0	933539572.45	0.2933	17.95	14.69
16.23	16.45	55791841.0	915983935.55	0.2875	17.97	14.71
16.31	16.41	56212040.0	920998203.34	0.2897	18.1	14.81
15.77	15.85	172438353.0	2747598383.4	0.8886	18.05	14.77
15.63	15.86	77256324.0	1218516399.48	0.3981	17.44	14.27
15.55	15.59	77347354.0	1216064537.83	0.3986	17.45	14.27
15.54	15.8	78325794.0	1233388886.16	0.4036	17.15	14.03
15.49	15.62	81529753.0	1271594662.99	0.4201	17.38	14.22
15.39	15.47	47616998.0	736584294.07	0.2454	17.18	14.06
15.44	15.49	37801651.0	585252046.59	0.1948	17.02	13.92
15.18	15.29	65386691.0	1001451096.26	0.3369	17.04	13.94
15.23	15.36	55387738.0	849784129.41	0.2854	16.82	13.76

15.21	15.45	45541805.0	700293548.85	0.2347	16.9	13.82
15.21	15.31	52454527.0	802110334.25	0.2703	17.0	13.91
15.3	15.43	55708446.0	857682575.81	0.2871	16.84	13.78
15.46	15.6	71261524.0	1109423061.49	0.3672	16.97	13.89
15.35	15.41	60599289.0	935135952.74	0.3123	17.16	14.04
15.25	15.33	55638388.0	851377532.72	0.2867	16.95	13.87
15.3	15.66	87150519.0	1351786530.59	0.4491	16.86	13.8
15.53	15.6	47899882.0	747519511.1	0.2468	17.23	14.09
16.15	16.47	153023187.0	2571196482.14	0.7885	17.7	14.41
16.52	16.78	111619481.0	1914495474.63	0.5752	18.16	14.78
16.51	16.67	86208350.0	1477930193.19	0.4442	18.5	15.06
16.55	16.75	72860756.0	1247047135.26	0.3755	18.38	14.96
16.23	16.26	84782412.0	1423608811.18	0.4369	18.47	15.03
16.13	16.39	103163665.0	1725326806.25	0.5316	17.93	14.59
16.12	16.29	58554845.0	975154818.78	0.3017	18.07	14.71
16.21	16.59	87213336.0	1468271683.72	0.4494	17.96	14.62
16.36	16.36	130449366.0	2217608852.69	0.6722	18.29	14.89
16.05	16.12	85943912.0	1424889228.07	0.4429	18.04	14.68
15.8	15.93	102810467.0	1678888507.83	0.5298	17.77	14.47
15.95	15.99	60543669.0	995909007.35	0.312	17.56	14.3
15.95	16.05	74607475.0	1226464649.55	0.3845	17.63	14.35
15.53	15.6	89660310.0	1442171431.55	0.462	17.7	14.41
15.31	15.69	71946491.0	1150933398.98	0.3707	17.2	14.0
14.99	15.14	110059207.0	1723394336.66	0.5671	17.3	14.08
13.59	13.59	225919483.0	3201454164.92	1.1642	16.69	13.59
13.62	14.2	170617207.0	2442932842.71	0.8792	14.99	12.19
13.92	14.23	149138021.0	2177632043.62	0.7685	15.66	12.74
14.11	14.37	118581572.0	1740107625.42	0.6111	15.69	12.77
14.01	14.22	92485296.0	1345053255.67	0.4766	15.85	12.89
13.9	14.1	133949524.0	1931983482.1	0.6903	15.68	12.76
14.16	14.39	140750744.0	2077194138.92	0.7253	15.55	12.65
14.2	14.37	107050321.0	1573229042.55	0.5516	15.87	12.91
14.21	14.25	101320528.0	1491327713.78	0.5221	15.85	12.89
14.3	14.63	151243473.0	2253906452.48	0.7794	15.72	12.79
14.53	14.97	154369601.0	2337993586.12	0.7955	16.13	13.13

14.61	14.8	97361235.0	1478274222.58	0.5017	16.51	13.43
14.68	14.84	87410693.0	1333730218.97	0.4504	16.32	13.28
14.7	15.19	123544434.0	1897923029.04	0.6366	16.36	13.32
15.05	15.18	99507102.0	1546692930.16	0.5128	16.75	13.63
14.75	14.83	119179450.0	1820183854.52	0.6141	16.74	13.62
14.38	14.64	114457502.0	1710369786.03	0.5898	16.35	13.31
14.3	14.59	117659915.0	1769612245.37	0.6063	16.14	13.14
14.49	14.71	97527090.0	1464605739.46	0.5026	16.09	13.09
14.06	14.1	130064445.0	1906892413.31	0.6702	16.22	13.2
14.06	14.39	111658066.0	1647432269.71	0.5754	15.55	12.65
14.23	14.32	115358432.0	1705816271.89	0.5945	15.87	12.91
14.11	14.29	86259523.0	1261123063.83	0.4445	15.79	12.85
14.33	14.99	268660234.0	4089493523.03	1.3844	15.76	12.82
14.62	14.63	122853103.0	1858691259.32	0.6331	16.53	13.45
14.02	14.05	166579354.0	2420392130.73	0.8584	16.13	13.13
13.98	14.36	116786497.0	1709084565.32	0.6018	15.5	12.6
14.22	14.29	81438164.0	1201250682.16	0.4197	15.84	12.88
14.13	14.28	98649711.0	1447436641.92	0.5084	15.76	12.82
13.5	14.12	116976580.0	1669009835.48	0.6028	15.75	12.81
13.35	13.35	140620218.0	1975824191.21	0.7246	15.57	12.67
12.73	13.01	117784906.0	1582506075.02	0.607	14.73	11.98
12.25	12.31	138478437.0	1816836893.63	0.7136	14.35	11.67
11.51	11.83	189145713.0	2313863663.48	0.9747	13.58	11.04
11.86	12.12	157835296.0	1967487818.45	0.8133	13.05	10.61
11.53	11.75	107111364.0	1300469494.43	0.552	13.37	10.87
11.87	12.21	118020026.0	1472909399.72	0.6082	12.97	10.54
12.3	12.47	113695774.0	1467534956.16	0.5859	13.47	10.95
12.32	12.66	107519243.0	1408651057.34	0.5541	13.76	11.18
12.68	12.75	65301888.0	861618663.05	0.3365	13.97	11.35
12.36	12.54	66173879.0	852956240.25	0.341	14.07	11.44
12.38	12.4	51337030.0	662915471.38	0.2645	13.83	11.25
12.42	12.49	52083604.0	676070117.75	0.2684	13.68	11.12
12.26	12.57	51836504.0	663197628.35	0.2671	13.78	11.2
12.15	12.21	82534814.0	1047282400.16	0.4253	13.87	11.27
12.41	12.48	87031371.0	1121200115.41	0.4485	13.47	10.95

12.32	12.38	52871614.0	676604872.29	0.2725	13.77	11.19
12.32	12.34	40855377.0	522027888.31	0.2105	13.66	11.1
12.25	12.39	66667495.0	853689950.23	0.3435	13.61	11.07
12.07	12.19	44621440.0	562008050.35	0.2299	13.67	11.11
12.17	12.46	68608687.0	874856562.28	0.3535	13.45	10.93
12.38	12.47	65639640.0	843649273.39	0.3382	13.75	11.17
12.14	12.28	78915498.0	997623816.45	0.4067	13.76	11.18
12.25	12.49	133116477.0	1713215766.82	0.686	13.55	11.01
12.37	12.59	81845583.0	1058524019.15	0.4218	13.78	11.2
12.9	13.05	212244834.0	2861879086.09	1.0937	13.89	11.29
12.76	12.83	103280274.0	1368222854.71	0.5322	14.4	11.71
12.71	12.83	64698963.0	855052110.23	0.3334	14.15	11.51
12.71	12.84	56600161.0	747473770.46	0.2917	14.15	11.51
12.85	13.1	93682990.0	1263809737.41	0.4828	14.16	11.52
12.87	13.12	77156417.0	1038718080.27	0.3976	14.45	11.75
13.05	13.62	110872239.0	1541638203.48	0.5713	14.47	11.77
13.48	13.53	81954043.0	1155968238.13	0.4223	15.02	12.22
13.21	13.37	100899802.0	1382727481.73	0.5199	14.92	12.14
13.2	13.29	66274923.0	904349531.99	0.3415	14.75	11.99
13.28	13.55	93478170.0	1297924588.29	0.4817	14.66	11.92
13.5	13.6	61286229.0	859156594.22	0.3158	14.95	12.16
13.32	13.39	55851114.0	772109502.04	0.2878	15.0	12.2
13.13	13.23	64035879.0	871062043.61	0.33	14.77	12.01
12.82	12.9	94467209.0	1259440848.24	0.4868	14.59	11.87
12.74	12.83	75679447.0	1004313267.93	0.39	14.23	11.57
12.72	12.8	63720857.0	843479669.71	0.3284	14.15	11.51
12.87	12.96	60036864.0	801755671.01	0.3094	14.12	11.48
12.87	13.11	69085107.0	929928885.93	0.356	14.3	11.62
12.96	13.0	55231200.0	742797057.29	0.2846	14.46	11.76
12.52	12.52	85623733.0	1119433491.01	0.4412	14.34	11.66
12.36	12.56	41017078.0	528769352.5	0.2114	13.81	11.23
12.54	12.64	39621240.0	515451849.4	0.2042	13.86	11.26
12.56	12.6	48296294.0	630305864.09	0.2489	13.94	11.34
12.63	12.89	96076031.0	1255226999.49	0.4951	13.88	11.32
12.74	12.82	45780822.0	594502123.85	0.2359	14.2	11.58

12.9	13.14	88296055.0	1173619006.66	0.455	14.12	11.52
13.1	13.37	88345888.0	1194375822.06	0.4553	14.47	11.81
13.32	13.36	95680308.0	1308782294.7	0.4931	14.73	12.02
13.23	13.39	58306633.0	788707630.29	0.3005	14.71	12.01
13.25	13.41	38302690.0	517232135.8	0.1974	14.75	12.03
13.4	13.44	58597190.0	802115792.06	0.302	14.77	12.05
13.35	13.49	47430007.0	646895834.84	0.2444	14.8	12.08
13.22	13.31	58047620.0	781995749.36	0.2991	14.86	12.12
12.82	12.9	134903982.0	1774199978.68	0.6952	14.66	11.96
12.69	12.81	103055057.0	1331618728.51	0.5311	14.21	11.59
12.62	12.64	66031307.0	850767506.43	0.3403	14.11	11.51
12.68	12.71	71805910.0	927043687.82	0.37	13.92	11.36
12.58	12.67	71646824.0	918251153.19	0.3692	14.0	11.42
12.41	12.58	111964780.0	1419972017.43	0.577	13.96	11.39
12.43	12.62	153952178.0	1954584919.95	0.7933	13.86	11.3
12.44	12.46	131907979.0	1671023278.99	0.6797	13.9	11.34
12.34	12.42	99080673.0	1248046646.72	0.5106	13.72	11.2
12.42	12.62	152322048.0	1946329095.31	0.7849	13.68	11.16
12.53	12.62	103848006.0	1330678288.83	0.5351	13.9	11.34
12.54	12.62	93794022.0	1199181601.42	0.4833	13.9	11.34
12.56	12.94	169739001.0	2202800843.97	0.8747	13.9	11.34
12.79	13.25	259050119.0	3433511084.46	1.3349	14.25	11.63
13.38	14.07	376833363.0	5280918011.4	1.9419	14.59	11.91
14.41	15.5	471146078.0	7168653356.25	2.4279	15.5	12.65
14.85	15.3	396442747.0	6267919683.04	2.0429	17.07	13.93
15.05	15.58	263133916.0	4095447757.17	1.356	16.85	13.75
15.13	15.35	224399440.0	3469517329.73	1.1564	17.16	14.0
14.58	14.68	215877326.0	3254272377.89	1.1124	16.9	13.8
14.32	14.71	193716012.0	2871414844.76	0.9982	16.17	13.19
14.37	14.5	195356627.0	2891773817.07	1.0067	16.2	13.22
14.05	14.09	204256283.0	2947173149.72	1.0526	15.97	13.03
13.94	13.97	193089129.0	2771496391.19	0.995	15.52	12.66
13.77	13.96	129134677.0	1821043927.51	0.6654	15.39	12.56
13.92	14.55	197963200.0	2872758056.19	1.0201	15.37	12.55
14.22	14.31	125286569.0	1815570300.6	0.6456	16.02	13.08

14.09	14.23	131295159.0	1895447229.41	0.6766	15.76	12.86
13.63	13.83	202752587.0	2838535210.75	1.0448	15.67	12.79
13.24	13.32	183088183.0	2504647111.34	0.9435	15.23	12.43
12.92	13.06	188065335.0	2497551472.28	0.9691	14.67	11.97
13.0	13.16	121700599.0	1618089558.6	0.6271	14.38	11.74
13.03	13.36	151958025.0	2043847472.94	0.7831	14.49	11.83
13.19	13.19	96406763.0	1294444933.22	0.4968	14.71	12.01
13.07	13.16	116582191.0	1559068291.63	0.6008	14.53	11.85
13.25	13.41	144509616.0	1954607257.49	0.7447	14.49	11.83
13.3	13.86	244566325.0	3388510059.27	1.2603	14.77	12.05
13.44	13.58	144020313.0	1980352978.34	0.7422	15.26	12.46
13.47	13.72	135251068.0	1868047342.49	0.697	14.96	12.2
13.44	13.52	98867837.0	1356305781.15	0.5095	15.11	12.33
13.44	13.77	158771035.0	2208568316.49	0.8182	14.89	12.15
13.79	13.95	260330789.0	3748036828.23	1.3415	15.17	12.38
13.97	14.2	159681170.0	2287731088.15	0.8229	15.36	12.54
13.96	14.0	83726175.0	1190139725.41	0.4315	15.64	12.76
13.88	14.29	110321582.0	1578543607.1	0.5685	15.42	12.58
14.37	15.01	326802780.0	4923669137.3	1.6841	15.74	12.84
14.73	14.97	135026107.0	2033477707.99	0.6958	16.53	13.49
14.78	14.92	142092811.0	2154215097.06	0.7322	16.49	13.46
14.35	14.41	133380162.0	1962605013.7	0.6873	16.43	13.41
14.14	14.27	123451733.0	1787278581.34	0.6362	15.87	12.95
14.23	14.28	91944886.0	1338031969.4	0.4738	15.72	12.82
14.28	14.42	74832022.0	1090756854.22	0.3856	15.73	12.83
14.1	14.19	73411772.0	1057274169.74	0.3783	15.88	12.96
13.93	14.28	62666677.0	895618648.57	0.3229	15.63	12.75
14.08	14.95	241040002.0	3599035694.78	1.2421	15.73	12.83
14.81	14.9	179712954.0	2760350322.28	0.9261	16.46	13.44
14.7	14.96	81364258.0	1228342741.95	0.4193	16.41	13.39
14.83	15.14	167938297.0	2575966637.51	0.8654	16.47	13.45
14.66	14.72	127984159.0	1919266726.01	0.6595	16.67	13.61
14.42	14.78	90988999.0	1353550808.28	0.4689	16.21	13.23
14.65	14.76	103137681.0	1551971380.96	0.5315	16.28	13.28
14.82	15.25	140760166.0	2154220778.29	0.7254	16.25	13.27

14.95	15.03	101357247.0	1554005575.35	0.5223	16.79	13.71
15.02	15.16	95709239.0	1469402768.28	0.4932	16.55	13.51
14.64	14.83	95423625.0	1431844020.44	0.4917	16.69	13.63
14.74	15.12	68025105.0	1027508108.55	0.3505	16.33	13.33
14.97	15.17	65713267.0	1007999044.11	0.3386	16.65	13.59
15.03	15.26	72241475.0	1114667832.11	0.3723	16.71	13.64
15.22	15.39	98821563.0	1543414501.54	0.5092	16.8	13.72
15.34	15.89	137319330.0	2186759087.81	0.7076	16.95	13.83
15.53	15.68	89616165.0	1418370973.91	0.4618	17.5	14.28
15.21	15.39	86775631.0	1354536272.84	0.4472	17.27	14.09
15.33	15.45	59920047.0	939763265.95	0.3088	16.95	13.83
14.94	14.94	106101124.0	1623376200.81	0.5468	17.01	13.89
14.93	15.01	61408700.0	933035044.47	0.3164	16.45	13.43
14.8	15.13	61271111.0	932800766.03	0.3157	16.53	13.49
14.58	14.62	118237440.0	1766848544.72	0.6093	16.66	13.6
14.62	14.99	121706482.0	1838547595.46	0.6272	16.1	13.14
14.95	15.0	90042593.0	1376995906.6	0.464	16.51	13.47
15.03	15.72	159134715.0	2509002885.31	0.82	16.52	13.48
15.59	15.88	90881948.0	1453986337.96	0.4683	17.31	14.13
15.62	15.85	66256236.0	1057937816.08	0.3414	17.49	14.27
15.97	16.38	160006232.0	2654379585.66	0.8245	17.45	14.25
16.36	16.92	209561419.0	3589229558.57	1.0799	18.04	14.72
17.12	17.3	201610552.0	3571336006.25	1.0389	18.63	15.21
17.07	17.36	96007195.0	1673173355.65	0.4947	19.05	15.55
17.15	17.73	124456018.0	2204040364.8	0.6413	19.11	15.61
17.12	17.38	189051905.0	3342069010.79	0.9742	19.52	15.94
17.35	17.95	169850168.0	3105623948.39	0.8753	19.14	15.62
17.27	17.52	117559865.0	2085800598.85	0.6058	19.76	16.14
17.32	17.58	103486504.0	1839243224.79	0.5333	19.29	15.75
17.11	17.45	120582386.0	2125604541.75	0.6214	19.36	15.8
17.17	17.59	84660362.0	1498040947.7	0.4363	19.21	15.69
17.42	17.57	100780383.0	1813064343.12	0.5193	19.37	15.81
17.15	17.45	96845277.0	1702741437.95	0.4991	19.35	15.8
17.52	17.78	95786863.0	1727488481.5	0.4936	19.21	15.69
17.78	18.14	124763640.0	2275824963.43	0.6429	19.58	15.98

17.36	17.52	142946944.0	2558562453.18	0.7366	19.97	16.31
17.04	17.46	84878153.0	1486492208.37	0.4374	19.29	15.75
17.36	17.66	95142432.0	1688807401.7	0.4903	19.22	15.7
17.75	17.93	102106281.0	1854142808.85	0.5262	19.44	15.88
17.42	17.63	94013007.0	1677811478.74	0.4845	19.74	16.12
17.27	17.48	67725848.0	1197284181.11	0.349	19.41	15.85
16.51	17.0	128918923.0	2191492021.21	0.6643	19.25	15.71
16.72	17.19	75985693.0	1308190459.6	0.3916	18.72	15.28
17.07	17.65	85293051.0	1509511577.97	0.4395	18.93	15.45
17.57	18.28	137340072.0	2508632642.49	0.7077	19.43	15.87
18.12	18.67	121174062.0	2270476474.58	0.6244	20.13	16.43
18.34	18.68	67391922.0	1265262915.59	0.3473	20.56	16.79
18.62	19.44	116585826.0	2252290578.43	0.6008	20.57	16.79
18.99	19.18	67854323.0	1313496136.53	0.3497	21.4	17.48
18.87	18.88	55258501.0	1068352014.21	0.2848	21.12	17.24
18.85	19.32	63965789.0	1240074378.13	0.3296	20.79	16.97
19.2	19.52	75377374.0	1479430635.59	0.3884	21.27	17.37
19.41	19.56	158144128.0	3213680470.07	0.8149	21.49	17.55
19.22	19.87	126371975.0	2516010782.49	0.6512	21.53	17.59
19.34	19.45	88938529.0	1758639187.84	0.4583	21.88	17.87
18.99	19.36	71445230.0	1393085020.58	0.3682	21.41	17.49
18.79	19.12	89134784.0	1707639065.1	0.4593	21.31	17.41
18.5	18.73	87380661.0	1655173465.4	0.4503	21.05	17.19
18.35	18.53	71964751.0	1345951734.38	0.3708	20.62	16.84
18.5	18.53	67722115.0	1277484440.94	0.349	20.4	16.66
18.27	18.47	60786655.0	1130916254.15	0.3132	20.4	16.66
18.04	18.34	88779387.0	1642392314.27	0.4575	20.34	16.61
18.32	18.7	83599174.0	1575396008.32	0.4308	20.19	16.49
17.97	18.56	78885794.0	1458268620.75	0.4065	20.59	16.81
18.4	18.83	68907042.0	1302133815.28	0.3551	20.43	16.69
18.42	18.77	68614069.0	1294658299.27	0.3536	20.73	16.93
18.05	18.18	105875636.0	1959764074.98	0.5456	20.67	16.88
17.85	18.1	90687811.0	1662649810.05	0.4673	20.02	16.34
17.7	17.72	102873751.0	1873638734.06	0.5301	19.93	16.27
17.61	17.82	75008273.0	1345650736.09	0.3865	19.51	15.93

17.87	18.08	63295012.0	1155767283.67	0.3262	19.62	16.02
17.62	17.86	57707733.0	1038128197.39	0.2974	19.91	16.25
17.78	18.67	127033706.0	2352947321.97	0.6546	19.66	16.06
18.52	18.99	96309223.0	1837947238.25	0.4963	20.56	16.79
18.54	19.02	97849778.0	1854082812.28	0.5042	20.91	17.07
18.84	19.16	92450343.0	1781736285.58	0.4764	20.94	17.1
18.26	18.42	155421643.0	2891682312.05	0.8009	21.09	17.23
17.62	17.99	182135210.0	3284606913.91	0.9386	20.28	16.56
17.82	19.38	193494512.0	3648521909.1	0.9971	19.81	16.17
19.05	19.72	158418530.0	3111274625.37	0.8163	21.34	17.42
19.13	19.67	119547322.0	2348316363.18	0.616	21.71	17.73
19.82	20.2	179045714.0	3652546646.82	0.9226	21.66	17.69
20.0	20.82	128816550.0	2657687440.67	0.6638	22.24	18.16
20.22	20.52	104911973.0	2161849708.04	0.5406	22.92	18.72
19.77	19.99	113015562.0	2306404546.81	0.5824	22.59	18.45
20.64	20.82	248068898.0	5311218074.76	1.2783	22.01	17.97
21.02	22.52	215730178.0	4792909447.95	1.1117	22.92	18.72
21.87	22.16	124208834.0	2790056611.29	0.6401	24.79	20.25
21.94	22.29	128079316.0	2889249850.45	0.66	24.39	19.93
21.97	22.05	94477860.0	2114252731.64	0.4869	24.54	20.04
21.33	21.85	92443442.0	2025834761.54	0.4764	24.27	19.83
21.25	22.31	102836527.0	2269032820.67	0.5299	24.05	19.65
22.12	22.19	112672055.0	2558575511.97	0.5806	24.56	20.06
22.13	22.9	129415272.0	2976800955.73	0.6669	24.43	19.95
22.27	22.63	85747696.0	1948881146.95	0.4419	25.21	20.59
22.53	22.91	124025841.0	2864101419.33	0.6391	24.91	20.35
22.52	24.37	147523930.0	3529556986.77	0.7602	25.22	20.6
22.73	23.1	241616877.0	5679179941.74	1.2451	26.83	21.92
23.2	24.77	192327159.0	4690176486.28	0.9911	25.43	20.77
23.86	24.42	125524750.0	3084553750.95	0.6468	27.27	22.28
24.09	24.75	101557559.0	2517804159.63	0.5233	26.88	21.96
23.92	24.62	108426467.0	2650948251.38	0.5587	27.24	22.26
23.99	24.4	94209355.0	2302978158.4	0.4855	27.1	22.14
23.2	23.64	191886710.0	4569741959.9	0.9888	26.86	21.94
23.3	24.12	150523081.0	3619387651.71	0.7757	26.02	21.26

23.39	23.67	92258314.0	2197558286.91	0.4754	26.55	21.69
22.08	22.2	195684248.0	4445818547.6	1.0084	26.06	21.29
21.64	21.75	187046013.0	4160776611.31	0.9639	24.44	19.96
21.38	21.98	142849985.0	3144209051.81	0.7361	23.94	19.56
21.5	21.91	159340347.0	3524600794.46	0.8211	24.2	19.76
21.03	21.2	112497730.0	2424653753.46	0.5797	24.12	19.7
21.0	21.27	112538653.0	2408050906.4	0.5799	23.34	19.06
21.08	21.47	147342505.0	3196536981.14	0.7593	23.42	19.13
21.28	22.83	191963527.0	4320024431.32	0.9892	23.64	19.31
22.47	22.74	121357937.0	2799747146.41	0.6254	25.13	20.53
21.68	22.16	88017141.0	1960439115.04	0.4536	25.03	20.45
21.3	21.42	99377397.0	2189190957.56	0.5121	24.39	19.93
20.4	20.67	136189533.0	2882931927.56	0.7018	23.58	19.26
20.1	20.22	114941657.0	2356185003.94	0.5923	22.76	18.59
20.38	21.09	104865939.0	2213107787.13	0.5404	22.26	18.18
21.02	21.3	69720060.0	1494219075.5	0.3593	23.22	18.96
20.93	21.42	95874870.0	2077984893.95	0.4941	23.45	19.15
21.09	21.48	93968432.0	2038470660.53	0.4842	23.58	19.26
20.72	21.02	82148865.0	1738185857.1	0.4233	23.65	19.31
20.82	21.55	69161019.0	1483801548.98	0.3564	23.14	18.9
20.19	20.29	152562227.0	3159181042.96	0.7862	23.72	19.38
20.35	21.37	145119008.0	3087549484.44	0.7478	22.34	18.24
20.78	21.05	68290338.0	1448043613.41	0.3519	23.53	19.22
20.27	20.35	85008507.0	1757688572.48	0.4381	23.17	18.93
20.22	20.57	49266574.0	1017166048.68	0.2539	22.4	18.3
20.58	20.96	82210806.0	1733412579.12	0.4236	22.65	18.5
21.02	21.31	78566668.0	1684397866.28	0.4049	23.07	18.85
21.03	21.75	73865481.0	1601238499.06	0.3806	23.46	19.16
21.42	21.83	77702807.0	1699922183.98	0.4004	23.94	19.56
21.32	21.6	54444898.0	1183868023.66	0.2806	24.03	19.63
21.18	21.32	58108352.0	1249405387.16	0.2994	23.78	19.42
21.33	21.5	40110282.0	873387016.62	0.2067	23.47	19.17
21.13	21.46	51760459.0	1116774452.27	0.2667	23.67	19.33
21.15	21.38	38302950.0	825170840.99	0.1974	23.62	19.3
20.9	21.12	39896028.0	849870878.04	0.2056	23.54	19.22

20.45	20.52	59474314.0	1240067319.93	0.3065	23.25	18.99
20.41	20.6	49990418.0	1036992692.52	0.2576	22.59	18.45
20.24	20.49	53743849.0	1113001541.55	0.2769	22.68	18.52
19.9	20.18	73586505.0	1494016040.75	0.3792	22.56	18.42
19.63	20.08	72999826.0	1466509057.44	0.3762	22.22	18.14
19.73	20.97	111228262.0	2304021478.31	0.5732	22.11	18.05
20.74	21.51	83477272.0	1798249024.3	0.4302	23.09	18.86
22.11	22.83	159709965.0	3644577541.25	0.823	23.68	19.34
22.6	22.8	82969388.0	1905208911.59	0.4276	25.13	20.53
22.89	23.11	82323015.0	1920413502.35	0.4242	25.1	20.5
22.72	22.76	87241767.0	2037109597.01	0.4496	25.44	20.78
22.68	22.76	47043140.0	1083043579.27	0.2424	25.05	20.47
22.6	23.17	59383793.0	1375141409.72	0.306	25.05	20.47
22.93	23.41	61483688.0	1439823965.34	0.3168	25.51	20.84
22.83	23.11	56198132.0	1308177202.78	0.2896	25.77	21.05
22.92	23.32	50029522.0	1174181608.06	0.2578	25.44	20.78
23.21	23.87	80221421.0	1929112374.46	0.4134	25.67	20.97
22.84	23.68	66143890.0	1566860764.09	0.3408	26.28	21.47
22.88	23.35	49722345.0	1161846399.06	0.2562	26.07	21.29
22.7	23.37	53326526.0	1245517716.87	0.2748	25.7	21.0
22.66	22.89	54965250.0	1271946298.62	0.2832	25.73	21.02
22.6	23.32	56378536.0	1300250943.6	0.2905	25.18	20.6
22.95	23.6	52756465.0	1241605192.34	0.2719	25.65	20.99
23.4	23.9	39541498.0	939786731.95	0.2038	25.96	21.24
23.52	23.6	42942033.0	1022553739.18	0.2213	26.29	21.51
23.27	23.82	40578837.0	957478853.76	0.2091	25.96	21.24
23.03	23.49	53933574.0	1263058114.62	0.2779	26.2	21.44
23.19	23.48	34393563.0	806092207.23	0.1772	25.84	21.14
23.45	24.6	97237462.0	2363145902.7	0.5011	25.83	21.13
24.5	25.01	91926378.0	2286540248.86	0.4737	27.06	22.14
24.52	24.79	50409136.0	1246712048.75	0.2598	27.51	22.51
24.16	24.5	49240073.0	1200523315.7	0.2537	27.27	22.31
23.91	24.2	51535081.0	1244209045.99	0.2656	26.95	22.05
23.5	23.92	62501796.0	1490476624.56	0.3221	26.62	21.78
23.38	23.89	49752702.0	1176608126.99	0.2564	26.31	21.53

23.68	23.77	40090085.0	958876472.45	0.2066	26.28	21.5
23.8	24.54	75673942.0	1851425837.61	0.39	26.15	21.39
23.93	24.3	44791410.0	1081738832.95	0.2308	26.99	22.09
23.95	24.53	57007792.0	1384120301.27	0.2938	26.73	21.87
24.18	24.65	45383150.0	1116771375.46	0.2339	26.98	22.08
24.15	24.2	53021516.0	1294972566.65	0.2732	27.12	22.19
23.12	23.37	83466504.0	1965393115.5	0.4301	26.62	21.78
22.8	23.22	66062259.0	1524503477.67	0.3404	25.71	21.03
23.01	23.26	37820804.0	878470834.12	0.1949	25.54	20.9
23.02	23.1	45328209.0	1059121804.33	0.2336	25.59	20.93
22.39	22.65	69409930.0	1574437729.58	0.3577	25.41	20.79
22.01	22.16	71827274.0	1600119859.95	0.3701	24.92	20.38
22.25	22.97	75775141.0	1720058046.82	0.3905	24.38	19.94
22.72	23.14	44790778.0	1035835695.88	0.2308	25.27	20.67
22.68	23.08	39028349.0	894502108.58	0.2011	25.45	20.83
23.06	23.36	55997295.0	1310287389.9	0.2886	25.39	20.77
22.48	22.78	62625737.0	1425702202.01	0.3227	25.7	21.02
22.0	22.34	104974939.0	2341926371.42	0.5409	25.06	20.5
22.35	22.62	40343546.0	913285187.1	0.2079	24.57	20.11
22.52	23.2	66483330.0	1530548798.57	0.3426	24.88	20.36
21.76	21.81	107067756.0	2360189793.98	0.5517	25.52	20.88
21.09	22.06	85934129.0	1859394323.75	0.4428	23.99	19.63
21.85	22.78	79195726.0	1784792785.57	0.4081	24.27	19.85
22.5	22.55	46894487.0	1063910095.83	0.2417	25.06	20.5
21.2	21.51	145705947.0	3140657439.76	0.7508	24.81	20.3
21.02	21.27	76236474.0	1625461607.71	0.3929	23.66	19.36
20.89	21.16	87790102.0	1859059510.48	0.4524	23.4	19.14
20.54	21.12	65761395.0	1382029130.11	0.3389	23.28	19.04
20.41	20.76	84795055.0	1755810875.16	0.437	23.23	19.01
20.63	21.62	95600305.0	2040266258.59	0.4926	22.84	18.68
21.3	21.34	57300261.0	1230180813.02	0.2953	23.78	19.46
20.78	21.21	52213595.0	1098434741.86	0.2691	23.47	19.21
20.47	20.6	80403433.0	1665315545.53	0.4143	23.33	19.09
20.2	20.45	75307652.0	1535327561.83	0.3881	22.66	18.54
20.24	20.38	86864809.0	1773999331.02	0.4476	22.5	18.41

20.0	20.1	72740433.0	1461467511.79	0.3748	22.42	18.34
18.43	18.8	145130394.0	2770236696.29	0.7479	22.11	18.09
17.6	17.76	135755148.0	2461708369.84	0.6996	20.68	16.92
17.68	17.75	106299421.0	1898562591.76	0.5478	19.54	15.98
17.78	17.96	87237812.0	1566107824.4	0.4495	19.53	15.98
17.24	17.69	95015588.0	1679747318.28	0.4896	19.76	16.16
17.18	18.01	115992263.0	2056014242.91	0.5977	19.46	15.92
17.66	17.89	89694857.0	1609422575.43	0.4622	19.81	16.21
17.6	17.81	72962008.0	1300164293.35	0.376	19.68	16.1
17.58	17.68	62157388.0	1104903004.7	0.3203	19.59	16.03
17.45	17.86	56745413.0	1005870948.8	0.2924	19.45	15.91
17.84	19.06	175279800.0	3313803230.96	0.9032	19.65	16.07
18.9	19.73	130198844.0	2535427989.31	0.6709	20.97	17.15
19.7	19.81	104830844.0	2104975144.53	0.5402	21.7	17.76
19.63	19.89	66645800.0	1330388046.16	0.3434	21.79	17.83
19.5	19.89	56288502.0	1110191399.0	0.2901	21.88	17.9
19.57	19.95	62705022.0	1247681171.0	0.3231	21.88	17.9
19.61	19.67	47602194.0	947385521.39	0.2453	21.95	17.96
19.55	20.62	133273216.0	2732213549.09	0.6868	21.64	17.7
20.02	20.34	64997561.0	1315320351.84	0.3349	22.68	18.56
18.7	19.42	161462793.0	3119152554.93	0.832	22.37	18.31
19.11	19.3	119184935.0	2315871646.13	0.6142	21.36	17.48
19.21	19.36	86895330.0	1690760837.07	0.4478	21.23	17.37
18.95	19.16	69808397.0	1341330418.51	0.3597	21.3	17.42
18.41	18.46	95161900.0	1783725035.26	0.4904	21.08	17.24
18.31	18.39	72882023.0	1354408976.91	0.3756	20.31	16.61
17.55	17.72	125221101.0	2221855858.7	0.6453	20.23	16.55
17.31	17.8	117486786.0	2072006842.05	0.6054	19.49	15.95
17.01	17.88	231689409.0	4046284162.52	1.1939	19.58	16.02
17.8	18.4	242260354.0	4454545280.06	1.2484	19.67	16.09
17.7	18.04	139481871.0	2523273155.42	0.7188	20.24	16.56
17.78	18.45	151522556.0	2780281080.51	0.7808	19.84	16.24
18.35	19.24	162234416.0	3067365668.72	0.836	20.3	16.61
19.1	19.23	102620105.0	1979771479.65	0.5288	21.16	17.32
18.8	19.0	73950585.0	1399536020.5	0.3811	21.15	17.31

18.84	20.57	231494528.0	4668361827.72	1.1929	20.9	17.1
19.81	20.21	129722802.0	2606152378.88	0.6685	22.63	18.51
19.27	19.37	115817315.0	2272080156.85	0.5968	22.23	18.19
19.19	19.52	84161841.0	1639298361.44	0.4337	21.31	17.43
18.73	19.08	117695356.0	2234474948.16	0.6065	21.47	17.57
18.41	18.53	112487963.0	2098715196.6	0.5797	20.99	17.17
17.42	17.98	147336521.0	2616707242.58	0.7592	20.38	16.68
17.65	17.68	137983759.0	2465683704.68	0.711	19.78	16.18
17.34	17.35	126569628.0	2209461934.41	0.6522	19.45	15.91
17.06	17.57	114066759.0	1979196739.27	0.5878	19.09	15.62
17.45	17.97	129316747.0	2311265535.64	0.6664	19.33	15.81
17.71	18.15	123012175.0	2225416488.14	0.6339	19.77	16.17
17.71	17.93	79561105.0	1424675916.86	0.41	19.97	16.34
18.02	18.64	115920062.0	2146983881.54	0.5973	19.72	16.14
19.0	19.4	145533835.0	2829310843.75	0.75	20.5	16.78
19.2	19.35	103123218.0	2004823967.61	0.5314	21.34	17.46
19.17	19.58	80789668.0	1577612469.53	0.4163	21.29	17.42
18.89	19.21	84298987.0	1623970431.4	0.4344	21.54	17.62
19.0	19.66	99349378.0	1948647236.81	0.512	21.13	17.29
19.1	19.29	72962250.0	1408737777.28	0.376	21.63	17.69
19.15	19.57	68241515.0	1330501301.75	0.3517	21.22	17.36
19.19	19.24	66295555.0	1283356219.49	0.3416	21.53	17.61
19.25	20.0	162166101.0	3198266215.28	0.8357	21.16	17.32
19.8	20.04	113496363.0	2287284921.47	0.5849	22.0	18.0
19.5	20.12	73082823.0	1458800089.77	0.3766	22.04	18.04
19.86	20.05	65280684.0	1313475882.79	0.3364	22.13	18.11
19.59	19.92	68760019.0	1365982833.66	0.3543	22.06	18.05
19.37	19.72	61901089.0	1211946109.14	0.319	21.91	17.93
19.32	19.5	53992976.0	1052760273.17	0.2782	21.69	17.75
19.01	19.39	84149020.0	1626762029.8	0.4336	21.45	17.55
17.99	18.18	199769050.0	3691356324.29	1.0294	21.33	17.45
17.85	18.03	111497204.0	2009325065.93	0.5746	20.0	16.36
17.8	17.87	98341098.0	1760671898.39	0.5068	19.83	16.23
17.57	17.64	109603988.0	1942415605.07	0.5648	19.66	16.08
17.36	17.42	137681482.0	2406417771.91	0.7095	19.4	15.88

17.26	17.53	124057275.0	2163193119.31	0.6393	19.16	15.68
17.16	17.4	122085088.0	2109735147.17	0.6291	19.28	15.78
17.32	18.35	208472900.0	3752413858.84	1.0743	19.14	15.66
18.11	18.27	95754646.0	1753072716.42	0.4934	20.19	16.52
18.2	18.43	65508999.0	1203764095.71	0.3376	20.1	16.44
18.17	18.22	60111048.0	1099113409.38	0.3098	20.27	16.59
17.98	18.11	66464038.0	1203859180.01	0.3425	20.04	16.4
17.73	17.8	79984377.0	1430058311.95	0.4122	19.92	16.3
17.7	18.15	78637156.0	1414506380.37	0.4052	19.58	16.02
17.9	18.12	73861780.0	1337768172.45	0.3806	19.97	16.34
17.68	17.88	123597796.0	2213817590.56	0.6369	19.93	16.31
17.66	17.87	74131084.0	1316774397.96	0.382	19.67	16.09
17.63	17.68	60353270.0	1068221304.51	0.311	19.66	16.08
17.52	17.58	69449988.0	1219937312.76	0.3579	19.45	15.91
17.36	17.51	51259471.0	895105981.97	0.2641	19.34	15.82
17.35	17.44	73361606.0	1280384552.25	0.378	19.26	15.76
17.37	17.64	70692519.0	1243666842.2	0.3643	19.18	15.7
17.37	17.59	99479835.0	1749164558.42	0.5126	19.4	15.88
17.41	17.65	70759974.0	1242375057.32	0.3646	19.35	15.83
17.8	18.1	214562528.0	3896385171.79	1.1057	19.42	15.89
18.15	18.46	161644387.0	2979968976.77	0.833	19.91	16.29
18.16	18.47	98028118.0	1798691052.86	0.5051	20.31	16.61
18.37	18.7	145588668.0	2726663443.3	0.7502	20.32	16.62
18.27	18.38	98925513.0	1824076523.04	0.5098	20.57	16.83
15.95	16.43	116925933.0	1918887050.94	0.6025	17.9	14.6
16.32	16.92	196199817.0	3344124589.35	1.011	18.1	14.76
16.77	16.89	110788519.0	1896535837.6	0.5709	18.64	15.2
16.83	16.97	112663070.0	1937710958.28	0.5806	18.6	15.18
16.8	16.96	90977401.0	1563414572.47	0.4688	18.69	15.25
16.91	17.18	158199940.0	2752485391.28	0.8152	18.68	15.24
16.67	16.77	150216355.0	2561266412.25	0.7741	18.92	15.44
16.59	16.75	90942265.0	1550319158.87	0.4686	18.47	15.07
16.07	16.1	210309491.0	3459950804.53	1.0837	18.45	15.05
15.89	15.99	114368943.0	1855633789.59	0.5894	17.73	14.47
15.93	16.29	115297431.0	1891094610.09	0.5941	17.61	14.37

16.13	16.27	98839185.0	1630973587.2	0.5093	17.94	14.64
16.19	17.1	303119377.0	5195805549.58	1.562	17.92	14.62
16.98	17.12	148168295.0	2575115124.69	0.7635	18.83	15.37
16.75	16.97	87477087.0	1501390339.01	0.4508	18.86	15.39
16.58	16.62	109328397.0	1851999025.42	0.5634	18.69	15.25
16.31	16.42	98497522.0	1646384984.37	0.5076	18.31	14.94
16.02	16.07	102464311.0	1677261296.33	0.528	18.09	14.76
15.59	15.6	167556367.0	2695470330.62	0.8634	17.7	14.44
15.66	16.16	151547630.0	2451798485.84	0.7809	17.18	14.02
16.03	16.6	175469528.0	2950309012.49	0.9042	17.8	14.52
16.48	16.63	105116166.0	1774253636.5	0.5417	18.28	14.92
16.44	16.76	78455735.0	1326848947.79	0.4043	18.32	14.94
16.8	16.87	107813914.0	1852167493.23	0.5556	18.46	15.06
16.28	16.35	115065851.0	1917613419.43	0.5929	18.58	15.16
15.87	16.05	120826437.0	1968985378.18	0.6226	18.01	14.69
15.98	16.18	78239959.0	1282234150.21	0.4032	17.68	14.42
16.09	16.19	79450184.0	1306514349.59	0.4094	17.82	14.54
16.08	16.54	80249940.0	1330233365.68	0.4135	17.83	14.55
16.09	16.28	80099455.0	1316023718.12	0.4128	18.22	14.86
15.93	16.0	89495673.0	1454156224.87	0.4612	17.93	14.63
15.81	15.96	88674244.0	1431289852.14	0.4569	17.62	14.38
15.57	15.68	132408685.0	2112842553.1	0.6823	17.58	14.34
15.64	15.67	72639707.0	1157890268.48	0.3743	17.27	14.09
15.39	15.52	72399045.0	1137154094.55	0.3731	17.26	14.08
15.39	15.69	93504034.0	1474693965.21	0.4818	17.1	13.95
15.43	15.45	76076086.0	1196321948.91	0.392	17.28	14.1
15.4	15.48	57828505.0	908171588.15	0.298	17.02	13.88
15.05	15.1	99093566.0	1523793664.71	0.5106	17.05	13.91
14.43	14.49	111315899.0	1655959941.77	0.5736	16.63	13.57
14.02	14.08	100303269.0	1463145930.4	0.5169	15.96	13.02
12.99	13.61	180076017.0	2492042993.23	0.928	15.51	12.65
13.86	14.34	224915816.0	3269867788.22	1.159	14.99	12.23
13.92	14.67	149364697.0	2187480610.66	0.7697	15.8	12.88
14.22	14.26	111840734.0	1637278471.46	0.5763	16.16	13.18
13.37	13.45	178140887.0	2479769555.05	0.918	15.71	12.81

13.28	14.08	153177906.0	2141637065.84	0.7894	14.82	12.08
14.01	14.22	173006142.0	2506504217.46	0.8915	15.51	12.65
13.91	14.47	152880713.0	2222158762.02	0.7878	15.67	12.77
14.16	14.36	120886805.0	1765673892.12	0.623	15.94	13.0
14.27	14.95	162865658.0	2443174055.85	0.8393	15.82	12.9
14.67	14.77	105010238.0	1577561341.66	0.5411	16.47	13.43
14.58	14.97	100235995.0	1518870080.31	0.5165	16.27	13.27
14.59	14.75	74293335.0	1116354595.16	0.3828	16.49	13.45
14.4	14.62	72713699.0	1078327302.93	0.3747	16.25	13.25
14.37	14.45	61564315.0	909169631.24	0.3173	16.11	13.14
14.53	14.98	123679155.0	1859617040.64	0.6373	15.92	12.98
14.83	15.15	116374674.0	1789209946.79	0.5997	16.5	13.46
14.97	15.52	148487874.0	2319616863.02	0.7652	16.69	13.61
15.4	16.16	248854005.0	4064051491.84	1.2824	17.1	13.95
15.97	16.05	165906455.0	2724002904.78	0.8549	17.8	14.52
15.9	16.17	106677946.0	1741072072.48	0.5497	17.68	14.42
15.57	15.82	141673536.0	2277469055.78	0.7301	17.81	14.53
15.43	15.69	103926142.0	1654820082.53	0.5355	17.43	14.22
15.49	15.57	89062806.0	1415496125.98	0.459	17.28	14.1
15.69	15.81	92961494.0	1493343952.15	0.479	17.15	13.99
15.63	16.19	123176103.0	2014010094.33	0.6347	17.41	14.21
15.58	15.67	108688756.0	1734236523.85	0.5601	17.83	14.55
15.39	15.58	82177249.0	1294226951.21	0.4235	17.26	14.08
15.47	15.62	71655528.0	1137697846.98	0.3693	17.16	14.0
15.47	15.58	70989116.0	1124663651.04	0.3658	17.21	14.04
15.17	15.83	92127408.0	1468452957.95	0.4747	17.16	14.0
14.55	14.62	166448098.0	2527610217.43	0.8577	17.44	14.22
14.22	14.5	98820956.0	1456929632.19	0.5092	16.11	13.14
14.73	15.42	149029503.0	2296798759.0	0.768	15.97	13.03
15.14	15.42	91177187.0	1426381925.81	0.4699	16.99	13.86
14.74	15.09	164501308.0	2503476827.84	0.8477	16.99	13.86
14.92	15.09	79019620.0	1208735141.83	0.4072	16.62	13.56
14.68	14.73	83243182.0	1250995594.77	0.429	16.62	13.56
14.23	14.32	81862135.0	1197104247.06	0.4218	16.23	13.23
13.88	14.36	99228502.0	1425836927.23	0.5113	15.78	12.87

14.21	14.4	84857362.0	1240700426.07	0.4373	15.82	12.9
14.1	14.15	68506423.0	987061607.22	0.353	15.86	12.94
14.26	14.38	67631191.0	985962932.09	0.3485	15.59	12.71
14.12	14.18	66822782.0	965652298.06	0.3443	15.84	12.92
14.09	14.48	93140639.0	1357428406.75	0.48	15.62	12.74
14.44	14.52	77857833.0	1150500437.95	0.4012	15.95	13.01
14.27	14.39	59092172.0	863214130.52	0.3045	16.0	13.05
14.44	14.79	94859778.0	1415164711.31	0.4888	15.85	12.93
14.53	14.6	64772592.0	962683728.68	0.3338	16.29	13.29
14.17	14.17	93355706.0	1358693535.33	0.4811	16.08	13.12
14.07	14.16	60322826.0	866228924.02	0.3109	15.61	12.73
13.84	13.96	101131756.0	1435689342.04	0.5211	15.6	12.72
13.88	13.95	72306674.0	1029702185.93	0.3726	15.38	12.54
13.81	13.85	89690123.0	1265573047.59	0.4622	15.37	12.53
13.77	13.93	93886855.0	1325012047.99	0.4838	15.26	12.44
13.77	13.85	84529898.0	1187423732.04	0.4356	15.35	12.51
13.65	13.72	97926822.0	1363740797.79	0.5046	15.26	12.44
13.41	13.94	171085175.0	2370807610.48	0.8816	15.12	12.33
13.76	13.93	131511262.0	1860366715.71	0.6777	15.36	12.52
13.78	13.93	114552124.0	1613524957.82	0.5903	15.35	12.51
13.87	14.12	163290134.0	2339986707.88	0.8415	15.35	12.51
13.9	14.09	134601231.0	1914639698.11	0.6936	15.56	12.69
13.65	13.68	154775285.0	2163340108.91	0.7976	15.52	12.66
13.48	13.89	115142939.0	1602169897.99	0.5934	15.07	12.29
13.83	14.51	341354371.0	5010292726.77	1.7591	15.3	12.48
14.19	14.21	133254631.0	1939976254.77	0.6867	15.98	13.04
13.97	14.22	105378794.0	1513925913.67	0.543	15.65	12.77
14.03	14.11	103216680.0	1479529786.97	0.5319	15.67	12.77
14.0	14.14	132179398.0	1905346056.7	0.6811	15.54	12.68
13.85	13.85	105604592.0	1498415783.73	0.5442	15.58	12.7
13.83	13.97	80602803.0	1140899091.64	0.4154	15.26	12.44
13.88	14.0	86604061.0	1227798687.09	0.4463	15.39	12.55
13.99	14.26	149727818.0	2166380438.04	0.7716	15.42	12.58
14.18	14.4	112511048.0	1638673242.41	0.5798	15.71	12.81
14.32	14.41	126654728.0	1865064678.48	0.6527	15.86	12.94

14.32	14.75	154874501.0	2304888691.73	0.7981	15.87	12.95
14.61	14.69	77924332.0	1164030775.95	0.4016	16.25	13.25
14.52	14.71	83496807.0	1241453402.11	0.4303	16.18	13.2
14.59	14.68	111517210.0	1674719025.12	0.5747	16.2	13.22
14.23	14.3	104333523.0	1520022514.77	0.5376	16.17	13.19
14.15	14.19	73016098.0	1057696546.69	0.3763	15.75	12.85
14.14	14.31	63969823.0	928850348.74	0.3296	15.63	12.75
14.13	14.23	61169194.0	883613754.05	0.3152	15.76	12.86
14.15	14.19	74288242.0	1078431989.61	0.3828	15.68	12.78
13.66	13.74	217599606.0	3056913117.84	1.1213	15.63	12.75
13.06	13.14	263212087.0	3534578702.13	1.3564	15.14	12.34
12.99	13.01	159863740.0	2139915274.03	0.8238	14.48	11.8
12.98	13.16	115350581.0	1536340973.2	0.5944	14.33	11.69
13.05	13.19	75559710.0	1008562417.24	0.3894	14.5	11.82
13.12	13.16	80145866.0	1073936299.76	0.413	14.53	11.85
12.76	12.78	197038789.0	2588696130.23	1.0154	14.5	11.82
12.62	12.81	137650974.0	1755555714.49	0.7093	14.06	11.5
12.67	12.82	76395581.0	976071707.3	0.3937	14.09	11.53
12.71	12.91	102404881.0	1314310442.31	0.5277	14.1	11.54
12.73	12.79	92391408.0	1182889760.74	0.4761	14.2	11.62
12.78	12.88	75034652.0	964903657.66	0.3867	14.07	11.51
12.65	12.68	83149747.0	1059518584.72	0.4285	14.17	11.59
12.4	12.42	102573271.0	1277987010.0	0.5286	13.95	11.41
11.94	12.26	137300930.0	1664397666.12	0.7075	13.66	11.18
12.01	12.03	74613653.0	905653324.71	0.3845	13.49	11.03
12.02	12.16	60267562.0	729351710.02	0.3106	13.23	10.83
11.98	12.31	76529787.0	930836354.1	0.3944	13.38	10.94
12.16	12.2	55199969.0	674950920.8	0.2845	13.54	11.08
12.08	12.12	55844757.0	677098632.55	0.2878	13.42	10.98
12.02	12.06	68302321.0	825806007.77	0.352	13.33	10.91
12.04	12.35	139930361.0	1710719478.11	0.7211	13.27	10.85
12.2	12.38	82050356.0	1010612433.4	0.4228	13.59	11.12
12.09	12.11	117201000.0	1425087455.23	0.604	13.62	11.14
12.1	12.13	63122370.0	765907218.72	0.3253	13.32	10.9
12.07	12.4	134850658.0	1656961619.36	0.6949	13.34	10.92

12.16	12.25	126970094.0	1560630567.7	0.6543	13.64	11.16
12.23	12.57	210641724.0	2653471090.1	1.0855	13.48	11.03
12.41	12.5	113807658.0	1423361878.69	0.5865	13.83	11.31
12.28	12.34	92146307.0	1137300431.45	0.4748	13.75	11.25
12.33	12.4	129537533.0	1613309589.13	0.6675	13.57	11.11
12.3	12.62	106401061.0	1329230362.32	0.5483	13.64	11.16
12.46	12.61	92763426.0	1168951099.46	0.478	13.88	11.36
12.31	12.42	92449065.0	1145189174.15	0.4764	13.87	11.35
12.28	12.48	79971238.0	991447627.25	0.4121	13.66	11.18
12.36	12.75	165304158.0	2091408314.78	0.8518	13.73	11.23
12.58	12.61	86198195.0	1092666276.97	0.4442	14.03	11.48
12.43	12.51	78636281.0	983433862.85	0.4052	13.87	11.35
12.37	12.57	63203998.0	788451088.8	0.3257	13.76	11.26
12.43	12.5	73129499.0	914692183.62	0.3768	13.83	11.31
12.28	12.33	97981281.0	1208329758.86	0.5049	13.75	11.25
12.3	12.36	62111692.0	768913483.55	0.3201	13.56	11.1
12.36	12.72	195129731.0	2469131334.35	1.0055	13.6	11.12
12.66	12.95	172268989.0	2223707380.14	0.8877	13.99	11.45
12.7	12.73	85803584.0	1095054828.69	0.4422	14.25	11.66
12.77	13.0	184101788.0	2393239453.41	0.9487	14.0	11.46
12.56	12.56	135744781.0	1719252822.13	0.6995	14.3	11.7
12.48	12.57	63212104.0	793491306.11	0.3257	13.82	11.3
12.32	12.34	88998853.0	1102212203.64	0.4586	13.83	11.31
12.2	12.43	68419739.0	845477181.51	0.3526	13.57	11.11
12.25	12.29	58613338.0	720058210.32	0.302	13.67	11.19
12.23	12.29	58644106.0	722703127.68	0.3022	13.52	11.06
11.99	12.0	90372904.0	1094060839.05	0.4657	13.52	11.06
11.81	12.15	78962229.0	946732993.84	0.4069	13.2	10.8
11.92	12.11	78092558.0	946211766.9	0.4024	13.37	10.94
11.82	11.86	91771804.0	1100405198.17	0.4729	13.32	10.9
11.83	11.84	53723019.0	638906947.77	0.2768	13.05	10.67
11.46	11.47	96608018.0	1119089730.68	0.4978	13.02	10.66
11.41	11.48	41525337.0	476749226.5	0.214	12.62	10.32
11.35	11.6	55957243.0	641776508.91	0.2884	12.63	10.33
11.31	11.34	85261597.0	970021739.4	0.4394	12.76	10.44

11.4	11.53	109606158.0	1265486550.33	0.5648	12.47	10.21
11.34	11.48	102482271.0	1171523550.16	0.5281	12.68	10.38
11.46	11.48	94683709.0	1091646643.72	0.4879	12.63	10.33
11.28	11.29	92398968.0	1049700767.19	0.4761	12.63	10.33
11.16	11.2	78192323.0	876967150.61	0.4029	12.42	10.16
11.07	11.09	78557429.0	876648490.61	0.4048	12.32	10.08
10.61	10.62	138339065.0	1496043940.13	0.7129	12.2	9.98
10.6	10.65	131697940.0	1406437766.06	0.6787	11.68	9.56
10.61	10.66	114382988.0	1220733277.85	0.5894	11.72	9.59
10.66	10.68	95738346.0	1024868047.21	0.4934	11.73	9.59
10.41	10.42	105794701.0	1114999302.11	0.5452	11.75	9.61
10.22	10.34	98309569.0	1016230012.22	0.5066	11.46	9.38
10.36	10.67	138123413.0	1459758367.32	0.7118	11.37	9.31
10.48	10.63	130298818.0	1377816220.13	0.6715	11.74	9.6
10.38	10.44	98353561.0	1028904286.04	0.5068	11.69	9.57
10.39	10.82	177611223.0	1903720943.52	0.9153	11.48	9.4
10.73	10.88	98808204.0	1070554832.9	0.5092	11.9	9.74
10.78	10.85	58322205.0	632835804.82	0.3005	11.97	9.79
10.82	10.89	83210685.0	911153622.45	0.4288	11.94	9.77
10.69	10.87	55202119.0	596916589.27	0.2845	11.98	9.8
11.01	11.43	254507055.0	2878557391.61	1.3115	11.96	9.78
11.7	11.95	387208410.0	4637823413.97	1.9953	12.57	10.29
11.83	12.01	157390134.0	1891249648.05	0.8111	13.15	10.75
11.79	11.82	127869288.0	1519133931.85	0.6589	13.21	10.81
11.58	11.69	109104716.0	1273790880.66	0.5622	13.0	10.64
11.57	11.59	86809329.0	1011078679.59	0.4473	12.86	10.52
11.22	11.46	104773707.0	1189388618.26	0.5399	12.75	10.43
11.44	11.82	149132388.0	1748727406.58	0.7685	12.61	10.31
11.72	11.82	124765653.0	1483352651.73	0.6429	13.0	10.64
11.69	11.77	79671882.0	941002372.92	0.4106	13.0	10.64
11.77	12.17	176072817.0	2130171604.64	0.9073	12.95	10.59
11.69	11.81	133156295.0	1568351120.17	0.6862	13.39	10.95
12.13	12.99	474927650.0	6026006641.97	2.4474	12.99	10.63
12.82	13.03	320962830.0	4206404173.08	1.654	14.29	11.69
13.07	13.1	200268883.0	2658203027.2	1.032	14.33	11.73

12.69	12.9	140420278.0	1803658762.25	0.7236	14.41	11.79
13.01	13.53	228762742.0	3057231972.57	1.1789	14.19	11.61
13.25	13.43	125257891.0	1680593515.5	0.6455	14.88	12.18
13.03	13.15	137737690.0	1815667663.45	0.7098	14.77	12.09
13.12	13.36	106572280.0	1422047904.5	0.5492	14.47	11.84
13.35	13.7	161583192.0	2197501648.81	0.8327	14.7	12.02
13.06	13.11	139258428.0	1848277966.6	0.7176	15.07	12.33
13.14	13.24	90228513.0	1194285343.09	0.465	14.42	11.8
13.08	13.23	97406110.0	1287867945.07	0.5019	14.56	11.92
12.94	13.1	83534926.0	1094434005.98	0.4305	14.55	11.91
13.02	13.34	92425167.0	1225269166.25	0.4763	14.41	11.79
12.95	13.04	103086606.0	1355435567.16	0.5312	14.67	12.01
12.67	12.76	89621223.0	1150630681.38	0.4618	14.34	11.74
12.74	12.89	61458964.0	791782473.29	0.3167	14.04	11.48
12.9	12.95	67239430.0	876159828.48	0.3465	14.18	11.6
12.8	12.98	56442641.0	730705958.53	0.2909	14.25	11.66
12.71	12.77	79711987.0	1021903962.65	0.4108	14.28	11.68
12.87	13.11	88600412.0	1160090119.01	0.4566	14.05	11.49
13.0	13.14	79119198.0	1042402080.41	0.4077	14.42	11.8
12.85	13.03	66689009.0	865144967.1	0.3437	14.45	11.83
12.96	13.16	81803598.0	1074756753.75	0.4215	14.33	11.73
13.05	13.77	219412794.0	2971546989.04	1.1307	14.48	11.84
13.63	14.32	218968253.0	3110729449.03	1.1284	15.15	12.39
14.37	14.48	166542518.0	2417272355.99	0.8582	15.75	12.89
14.48	14.62	119574471.0	1747915169.26	0.6162	15.93	13.03
14.52	14.8	105765911.0	1561368487.3	0.545	16.08	13.16
14.39	14.44	126942339.0	1851093716.76	0.6542	16.28	13.32
14.39	14.67	83056612.0	1217450811.64	0.428	15.88	13.0
14.53	14.67	62569484.0	914367699.65	0.3224	16.14	13.2
14.55	14.95	94908583.0	1407181074.29	0.4891	16.14	13.2
14.85	15.08	156003989.0	2356399992.83	0.8039	16.45	13.46
14.77	14.97	93583454.0	1396151514.52	0.4823	16.59	13.57
14.91	15.11	71843403.0	1083362997.53	0.3702	16.47	13.47
14.87	15.09	64187520.0	963744633.47	0.3308	16.62	13.6
15.0	15.13	60859008.0	920144805.73	0.3136	16.6	13.58

14.89	15.15	137431750.0	2096867649.37	0.7082	16.64	13.62
14.96	14.99	103049784.0	1568639326.21	0.531	16.67	13.64
14.51	14.7	165342148.0	2426471972.52	0.852	16.49	13.49
14.27	14.6	157790039.0	2280744883.13	0.8131	16.17	13.23
14.16	14.32	124638298.0	1782105890.79	0.6423	16.06	13.14
13.86	14.0	131761010.0	1838428709.03	0.679	15.75	12.89
14.03	14.21	86946046.0	1235297762.54	0.448	15.4	12.6
14.03	14.04	65789257.0	928708933.85	0.339	15.63	12.79
13.96	14.13	83035002.0	1174361963.28	0.4279	15.44	12.64
13.86	13.98	84728366.0	1184283386.2	0.4366	15.54	12.72
13.6	13.82	180005416.0	2473405202.92	0.9276	15.38	12.58
13.8	13.96	90993709.0	1263892077.72	0.4689	15.2	12.44
13.62	13.67	125024398.0	1713566672.72	0.6443	15.36	12.56
13.5	13.6	127912329.0	1757431083.85	0.6592	15.04	12.3
13.43	13.43	91836369.0	1246777397.11	0.4732	14.96	12.24
13.49	14.15	211619117.0	2945969773.39	1.0905	14.77	12.09
13.92	14.1	99049499.0	1393153377.3	0.5104	15.57	12.74
13.94	14.02	63892239.0	895742534.31	0.3292	15.51	12.69
13.98	14.05	82449068.0	1165539851.19	0.4249	15.42	12.62
13.8	13.86	72998904.0	1012652971.88	0.3762	15.46	12.65
13.68	13.69	62146193.0	854854040.54	0.3202	15.25	12.47
13.61	13.78	60793592.0	833316018.45	0.3133	15.06	12.32
13.74	14.17	122345178.0	1719710647.06	0.6305	15.16	12.4
14.06	14.24	101587684.0	1447565979.98	0.5235	15.59	12.75
14.14	14.29	69095439.0	985552120.63	0.3561	15.66	12.82
13.72	13.85	145582414.0	2023954547.2	0.7502	15.72	12.86
13.65	13.69	127926629.0	1773654737.03	0.6592	15.24	12.47
13.4	13.53	109689791.0	1479838980.07	0.5652	15.06	12.32
13.13	13.2	173606476.0	2305765842.21	0.8946	14.88	12.18
13.0	13.14	85699610.0	1128558359.5	0.4416	14.52	11.88
13.0	13.05	100063496.0	1309490079.38	0.5156	14.45	11.83
12.73	12.87	114907558.0	1474124198.86	0.5921	14.36	11.75
12.94	13.05	97936372.0	1278262225.47	0.5047	14.16	11.58
12.8	12.82	91679249.0	1182054433.62	0.4724	14.36	11.75
12.65	12.75	155681414.0	2000832407.83	0.8023	14.1	11.54

12.55	12.57	118881633.0	1505893658.68	0.6126	14.03	11.48
12.5	12.7	84074317.0	1060914056.37	0.4332	13.83	11.31
12.71	12.79	87669077.0	1121080753.38	0.4518	13.97	11.43
12.63	12.9	80430604.0	1029380497.27	0.4145	14.07	11.51
12.76	12.82	62151875.0	796319541.97	0.3203	14.19	11.61
12.46	12.6	100842214.0	1266945056.03	0.5197	14.1	11.54
12.55	12.64	67386843.0	851797868.56	0.3473	13.86	11.34
12.5	12.53	59606433.0	750687550.55	0.3072	13.9	11.38
12.41	12.68	82454624.0	1035422932.01	0.4249	13.78	11.28
12.51	12.53	86549166.0	1092263436.9	0.446	13.95	11.41
12.46	12.67	74042886.0	934285179.24	0.3816	13.78	11.28
12.59	12.65	64745722.0	817726526.95	0.3336	13.94	11.4
12.5	12.58	56332130.0	706480659.58	0.2903	13.92	11.39
12.5	12.62	60792526.0	767354796.52	0.3133	13.84	11.32
12.58	12.68	64018181.0	809943147.62	0.3299	13.88	11.36
12.52	12.54	77777962.0	978302907.79	0.4008	13.95	11.41
12.45	12.48	90995706.0	1136997696.14	0.4689	13.79	11.29
12.3	12.56	113159146.0	1413919037.13	0.5831	13.73	11.23
12.58	12.69	129799484.0	1653539530.91	0.6689	13.82	11.3
12.6	12.93	130421259.0	1669357649.18	0.6721	13.96	11.42
12.89	13.0	153893615.0	2009934874.59	0.793	14.22	11.64
12.83	12.85	101437815.0	1309536001.8	0.5227	14.3	11.7
12.62	12.75	81178841.0	1033330703.78	0.4183	14.14	11.57
12.48	12.5	91866839.0	1160509766.03	0.4734	14.03	11.48
12.03	12.1	146767192.0	1798133966.92	0.7563	13.75	11.25
12.12	12.28	130190082.0	1595320169.74	0.6709	13.31	10.89
11.99	12.12	99126040.0	1197555724.16	0.5108	13.51	11.05
12.0	12.26	100409337.0	1222755932.37	0.5174	13.33	10.91
12.22	12.55	144525434.0	1816868032.98	0.7448	13.49	11.03
12.19	12.73	147826438.0	1863146144.16	0.7618	13.81	11.3
12.75	12.91	176218865.0	2283981032.07	0.9081	14.0	11.46
12.84	13.32	263071861.0	3478891629.35	1.3557	14.2	11.62
13.13	13.16	242253445.0	3238716470.97	1.2484	14.65	11.99
12.8	12.84	123705339.0	1600189994.17	0.6375	14.48	11.84
12.8	12.85	90375844.0	1166479364.89	0.4657	14.12	11.56

12.61	12.62	88560368.0	1124579090.54	0.4564	14.14	11.57
12.45	12.83	92832563.0	1173804243.15	0.4784	13.88	11.36
12.57	12.62	99830169.0	1267712090.05	0.5144	14.11	11.55
12.44	12.49	75462120.0	945315193.07	0.3889	13.88	11.36
12.43	12.49	68718687.0	861347534.32	0.3541	13.74	11.24
12.32	12.34	68841368.0	851165593.52	0.3548	13.74	11.24
12.31	12.38	54932785.0	679754868.04	0.2831	13.57	11.11
12.21	12.21	69436436.0	852871175.23	0.3578	13.62	11.14
12.01	12.01	82425088.0	996600577.63	0.4248	13.43	10.99
11.81	11.93	88274430.0	1050002541.88	0.4549	13.21	10.81
11.84	12.1	51142864.0	613772897.17	0.2635	13.12	10.74
11.67	11.7	56607382.0	680275577.83	0.2917	13.03	10.61
11.52	11.59	76399692.0	906316373.61	0.3937	12.9	10.5
11.3	11.32	117958671.0	1376758356.68	0.6079	12.78	10.4
11.22	11.31	74302293.0	861646489.19	0.3829	12.48	10.15
11.36	11.65	122184253.0	1446502669.25	0.6296	12.47	10.15
11.54	11.63	52184619.0	620531416.42	0.2689	12.84	10.46
11.54	11.56	83327347.0	997039311.52	0.4294	12.82	10.44
11.6	11.66	64369784.0	770386878.47	0.3317	12.74	10.38
11.58	11.84	86939712.0	1048266235.89	0.448	12.85	10.47
11.57	11.6	131528476.0	1566929273.97	0.6778	13.05	10.63
11.48	11.51	75874703.0	896015708.76	0.391	12.79	10.41
11.41	11.49	84998805.0	1000183566.92	0.438	12.69	10.33
11.46	11.47	106920004.0	1237376775.64	0.551	12.64	10.34
11.39	11.61	92530056.0	1064567231.22	0.4768	12.62	10.32
11.57	11.63	84203365.0	978869317.29	0.4339	12.77	10.45
11.41	11.45	95399707.0	1096351096.71	0.4916	12.79	10.47
11.35	11.36	54455079.0	620374307.69	0.2806	12.6	10.31
11.34	11.35	61658296.0	703681563.97	0.3177	12.5	10.22
11.15	11.18	67657743.0	757975991.51	0.3487	12.49	10.22
11.17	11.28	46170178.0	519520687.33	0.2379	12.3	10.06
11.22	11.3	36539644.0	412039353.93	0.1883	12.41	10.15
11.17	11.18	48590630.0	544534825.51	0.2504	12.43	10.17
11.15	11.23	51905258.0	583494654.79	0.2675	12.3	10.06
11.23	11.49	88509071.0	1009887428.65	0.4561	12.35	10.11

11.32	11.4	61630056.0	701885269.78	0.3176	12.64	10.34
11.3	11.34	42348240.0	479726282.47	0.2182	12.54	10.26
11.21	11.24	59709591.0	672396816.4	0.3077	12.47	10.21
11.18	11.2	48444083.0	543212455.87	0.2496	12.36	10.12
11.17	11.2	49588228.0	556581581.65	0.2555	12.32	10.08
11.19	11.21	57080909.0	640131787.1	0.2941	12.32	10.08
11.22	11.24	73608367.0	830230820.88	0.3793	12.33	10.09
11.27	11.43	112422973.0	1281848378.91	0.5793	12.36	10.12
11.4	11.46	71914699.0	825295738.24	0.3706	12.57	10.29
11.26	11.31	60834258.0	687262893.86	0.3135	12.61	10.31
11.22	11.25	47196618.0	531299772.68	0.2432	12.44	10.18
11.23	11.31	38219596.0	430771279.03	0.197	12.38	10.13
11.29	11.32	55406957.0	629696111.29	0.2855	12.44	10.18
11.28	11.34	37710256.0	427375950.49	0.1943	12.45	10.19
11.24	11.26	42685218.0	480713395.7	0.22	12.47	10.21
11.44	11.72	203295819.0	2358815159.63	1.0476	12.39	10.13
11.56	11.67	75166268.0	875260135.14	0.3873	12.89	10.55
11.65	11.75	111519586.0	1314228293.84	0.5747	12.84	10.5
11.67	12.26	234701346.0	2839828236.62	1.2095	12.93	10.58
12.23	12.32	185495239.0	2288940410.58	0.9559	13.49	11.03
12.13	12.16	95773478.0	1169570704.83	0.4935	13.55	11.09
11.93	12.03	111590004.0	1343864165.36	0.575	13.38	10.94
11.95	12.33	117584771.0	1433255493.11	0.6059	13.23	10.83
12.21	12.3	130313102.0	1611435431.36	0.6715	13.56	11.1
12.12	12.16	64691326.0	786506452.16	0.3334	13.53	11.07
12.0	12.1	72570456.0	877489187.97	0.374	13.38	10.94
12.05	12.17	57760774.0	702060796.64	0.2977	13.31	10.89
12.06	12.16	47559453.0	577123919.68	0.2451	13.39	10.95
11.89	11.89	94353857.0	1132867239.31	0.4862	13.38	10.94
11.59	11.67	97592018.0	1139185249.46	0.5029	13.08	10.7
11.6	11.73	71281277.0	834163039.6	0.3673	12.84	10.5
11.61	11.73	57290437.0	671706045.36	0.2952	12.9	10.56
11.46	11.57	96505775.0	1116292661.67	0.4973	12.9	10.56
11.53	11.56	65981885.0	767047286.89	0.34	12.73	10.41