

id	predicted_price
2.59E+09	2.470502
7.97E+09	3.521257
7.7E+09	4.406332
9.52E+09	5.530267
9.51E+09	2.893447
1.76E+09	2.027091
7.73E+09	3.263204
7.01E+09	2.06713
2.91E+08	1.715625
4.23E+09	1.066427
6.84E+09	2.100103
3.97E+09	2.31604
4.2E+09	1.717342
6.06E+09	2.272691
2.63E+09	1.24645
3.3E+09	4.955331
8.62E+08	1.562099
2.39E+09	5.189029
1.14E+09	1.66342
1.78E+09	2.244038
2.29E+09	2.280554
2.03E+09	6.860448
3.53E+09	3.01591
9.32E+09	3.284391
8.08E+09	1.691121
8.65E+09	2.314176
9.41E+09	1.044106
1.77E+09	0.444326
9.43E+09	2.916578
1.79E+09	1.132775
2.22E+09	1.466616
9.23E+08	2.552665
5.73E+09	2.205271
16000200	1.919218
1.93E+09	1.498578
6.67E+09	2.774844
3.63E+09	4.696708
1.82E+09	3.1331
6.68E+09	1.317983
2.49E+08	5.197046
2.26E+08	2.702646
3.96E+08	0.837948
9.26E+09	2.975148
7.85E+09	2.112858
9.47E+09	1.096622
4.21E+08	1.580714

3.76E+09	1.94479
7.96E+09	1.834412
9.48E+09	1.88841
9.14E+09	2.679406
1.62E+09	1.85354
2.77E+09	1.850311
1.16E+09	2.431115
2.77E+09	1.875497
9.3E+09	1.476055
2.33E+09	5.710958
1.02E+09	2.212607
7.22E+09	3.801992
1.85E+09	1.866743
3.22E+09	3.28462
3.22E+09	2.7082
2.11E+09	1.32588
7.89E+09	1.502922
3.59E+09	2.601937
8.02E+09	1.758783
7.12E+09	1.022693
1.6E+09	3.620492
7.2E+09	3.761264
4.21E+09	1.247896
2.94E+09	4.315725
7.21E+09	2.320535
8.72E+09	1.782267
5.32E+09	1.910284
4.12E+09	2.70434
8.08E+09	2.157366
3.3E+09	4.128566
8.92E+09	4.235515
2.78E+09	1.421522
5.19E+08	1.913517
3.23E+09	7.041456
1.51E+08	2.603015
2.3E+09	1.965024
6.62E+09	3.454812
1.05E+08	1.638766
3.53E+09	3.047842
3.35E+09	3.811443
1.23E+09	2.341584
8.71E+09	2.469377
3.04E+09	1.383661
3.63E+09	1.405332
1.05E+08	1.752491
5.11E+09	2.433438
6.07E+09	2.771783

5.32E+09	2.330975
9.53E+09	1.888435
2.92E+09	1.534295
6.18E+09	2.180068
1.85E+08	2.03462
8.69E+09	3.926353
3.35E+09	2.991046
6.15E+09	1.438269
4.34E+09	3.366815
4.14E+09	4.133306
3.63E+09	1.972343
1.62E+09	5.555708
2.79E+09	1.987811
9.83E+09	1.165383
7.52E+09	2.407428
3.53E+09	3.051261
5.7E+09	5.782524
2.72E+09	1.414591
7.23E+09	1.503242
2.4E+09	1.655476
6.79E+09	3.01451
2.77E+09	1.731438
3.97E+09	1.485683
4.22E+08	1.501044
3.08E+09	0.740639
1.42E+09	2.266442
9.16E+09	1.389208
3.13E+09	2.309441
5.1E+09	1.28073
5.15E+08	1.24292
1.42E+09	1.041122
1.4E+09	2.509606
6.24E+08	4.082395
2.41E+09	1.339686
1.89E+09	2.764741
1.32E+09	2.404352
5.49E+09	2.046491
2.63E+08	1.604841
3.73E+09	2.536818
5.15E+09	2.985351
2.73E+09	4.290006
7.17E+09	1.660558
9.43E+09	2.924064
8.72E+09	1.492076
1.76E+09	2.182885
1.07E+09	4.3959
4.11E+09	2.971434

4.08E+09	2.505578
2.73E+09	3.321149
4.01E+09	5.266798
7.02E+09	2.526681
1.43E+09	1.421863
3.28E+09	1.994434
2.47E+09	2.802718
2.19E+09	0.78948
7.79E+09	3.891341
6.87E+09	2.693574
6.24E+08	3.476352
7.43E+09	3.626855
3.3E+09	2.227819
1.12E+09	4.057569
6.45E+09	3.372417
3.33E+08	2.714309
34001765	2.66313
8.95E+09	3.208776
5.56E+09	4.375595
6.67E+09	1.514797
3.28E+09	2.993047
3.88E+09	1.809124
1.45E+09	1.827266
8.56E+09	1.424004
7.66E+09	1.537862
2.13E+09	1.589975
1.82E+09	0.951444
3.44E+09	1.064505
9.3E+09	2.541126
7.14E+09	2.910096
7.94E+09	2.80894
2.56E+09	1.804701
2.89E+09	1.971812
7.42E+09	3.243638
2.24E+09	1.796657
9.28E+09	2.022276
9.41E+09	1.196082
2.18E+08	4.253315
7.21E+09	1.785256
3.3E+09	1.100561
3.06E+09	1.174478
6.87E+09	1.400742
6.07E+09	2.144174
6.82E+09	2.366737
1.24E+09	4.16694
7.8E+09	3.416671
3.6E+09	0.838113

9.3E+09	2.413943
9.13E+09	2.592351
2.77E+09	2.082098
2.6E+09	1.648992
1.1E+09	3.835883
1.85E+09	4.514974
9.55E+09	3.06791
3.44E+09	1.017282
7.52E+09	1.859659
9.27E+09	2.364092
7.15E+08	7.152151
1.98E+09	2.883062
9.53E+09	1.914347
9.28E+09	1.61288
6.67E+09	2.482656
8.92E+09	2.864672
3.76E+09	4.30859
2.73E+09	4.825149
3.33E+09	1.406788
8.56E+09	2.983474
8.15E+09	1.756662
8.56E+09	2.974004
2.4E+08	4.877189
4.31E+09	1.953282
1.31E+09	2.693496
3.57E+09	2.692384
7.85E+09	2.6265
3.2E+08	1.809559
9.84E+09	2.040027
7.01E+09	1.470737
2.78E+09	1.87804
3.42E+09	3.982826
7.85E+09	3.110921
5.32E+09	6.469003
5.31E+09	1.67942
6.29E+08	1.777848
5.12E+08	2.1417
1.56E+09	1.937481
2.49E+09	2.252548
5.24E+08	2.075069
5.32E+09	2.629901
1.87E+09	3.202525
1.61E+09	2.997564
7.06E+08	2.804937
7.58E+09	1.835702
1.78E+09	2.345757
5.42E+09	1.128869

6.71E+09	1.379262
2.73E+09	1.797875
3.01E+08	1.220168
2.11E+09	1.376886
4.11E+09	6.010953
3.33E+09	1.482488
3.63E+09	1.32315
6.85E+09	1.661506
6.87E+09	2.894191
6.16E+09	1.277237
3.93E+08	2.419796
1.77E+09	1.306643
1.44E+09	2.693654
9.19E+09	1.567462
6.79E+09	3.35185
1.12E+09	3.599506
3.18E+09	2.695463
2.77E+09	1.914547
5.47E+09	2.716621
5.68E+09	2.030578
3.42E+09	3.915593
1.33E+09	2.173353
1.77E+09	1.652042
4.12E+09	2.318452
9.81E+09	3.371709
4.25E+09	2.142383
4.22E+09	6.549692
3.83E+09	2.522805
2.4E+09	2.294969
6.82E+09	3.821483
7.53E+09	2.964485
7.85E+09	3.891654
2.52E+09	4.838953
9.48E+09	1.68572
5.71E+09	3.297927
3.58E+09	2.776088
2.63E+08	1.829687
8.08E+09	1.586827
6.45E+09	1.270297
5.15E+08	2.617027
9.48E+09	2.351986
8.54E+08	7.298757
1.95E+09	1.403557
1.1E+09	2.766994
5.32E+09	1.911469
1.22E+09	2.883593
5.22E+08	1.63663

1.93E+09	1.985379
9.54E+09	2.271193
8.67E+09	1.736736
5.59E+09	2.032957
5.45E+09	1.871473
2.46E+09	2.602678
3.33E+09	2.127101
3.43E+09	2.5682
3.7E+09	0.481059
5.25E+09	2.365533
6.26E+08	3.07807
1.79E+09	1.350243
8.08E+09	1.371532
9.11E+09	2.740678
2.74E+09	3.893228
7.82E+09	1.06771
3.53E+09	1.537271
3.58E+09	2.027747
9.28E+09	3.178487
7.2E+09	2.608896
6.86E+08	2.208511
3.5E+09	1.164141
6.38E+09	1.97835
7.6E+09	1.616545
5.25E+09	4.039491
2.61E+09	2.640311
9.56E+09	2.164741
1.8E+09	1.793942
4.08E+09	1.550965
8.54E+08	1.629682
5.54E+09	1.503473
4.19E+09	3.885965
31000165	4.408369
6.62E+08	4.10441
4.14E+09	1.889913
6.17E+09	2.957565
1.95E+09	2.014116
7.52E+09	3.258748
1.55E+09	1.686051
7.96E+09	2.432125
9.21E+09	2.119
3.44E+09	1.262589
7.9E+09	0.789008
4.32E+09	1.952665
1.33E+09	3.047519
8.94E+09	3.444156
5.02E+09	0.852704

4.34E+09	1.838748
1.45E+09	0.99227
7.14E+09	2.969301
6.89E+09	1.283239
2.41E+09	2.439512
3.46E+08	1.189693
5.57E+09	1.609888
7.63E+09	2.12267
9.35E+09	2.476646
3.53E+09	2.137737
8.13E+09	5.572527
8.57E+09	0.857191
4.14E+09	5.507371
9.27E+09	2.094054
1.47E+09	1.952348
8.82E+09	3.126005
8.56E+09	3.999543
8.97E+09	3.931003
9.27E+09	1.899909
8.17E+09	1.927393
2.19E+09	2.094604
1.86E+09	1.951434
1.22E+09	1.048849
2.49E+09	2.426448
2.49E+09	1.498343
8.09E+08	4.166994
1.8E+09	1.622073
6.4E+09	4.583442
6.81E+09	2.085486
7.5E+09	4.235679
8.84E+09	2.815954
5.24E+08	2.438475
4.31E+09	2.854032
1.25E+09	3.305396
2.02E+09	1.604536
5.7E+09	2.353818
3.63E+09	3.576984
3.34E+09	1.554631
5.1E+09	2.720537
3.28E+09	1.425897
1.13E+09	8.359807
7.57E+09	1.420929
4.52E+08	1.091618
9.28E+09	3.673028
1.74E+09	4.316324
6.19E+09	2.192825
3.68E+09	2.496566

1.1E+09	1.421123
9.51E+09	1.370289
5.45E+09	2.549846
2.74E+08	1.725519
7.23E+09	1.402031
8.08E+08	3.025338
2.49E+09	2.144903
5.04E+09	2.516203
3.38E+09	1.98461
3.63E+09	1.76275
7.3E+09	2.105949
6.8E+09	1.439576
8.08E+09	2.658024
5.57E+09	1.943448
2.77E+09	1.501078
4.04E+09	1.776057
9.46E+09	3.044376
7.2E+09	2.986325
2.23E+09	1.03792
9.51E+09	3.756004
2.63E+09	1.168167
3.65E+09	2.018023
2.72E+09	4.60939
2.6E+09	3.4104
3.03E+09	1.736674
9.84E+08	2.162169
7.85E+09	2.200898
7.92E+09	2.992881
2.31E+09	1.737197
2.21E+09	2.025794
2.49E+09	1.697479
7.85E+09	3.739684
5.65E+09	2.767953
5.29E+09	1.857695
9.41E+09	2.668942
5.71E+09	1.873241
3.28E+09	2.082142
7.2E+09	2.325128
4.45E+09	2.367018
7.9E+09	0.975436
9.25E+09	1.694566
9.27E+09	2.739799
8.68E+09	1.835239
7.28E+09	3.178415
8.08E+09	2.427849
2.23E+09	1.947427
3.22E+09	2.374157

2.01E+09	1.634057
4.06E+09	2.924985
3.58E+09	1.5905
4.05E+09	3.113475
6.15E+09	1.001885
5.21E+09	3.080961
1.97E+09	1.794707
7.21E+09	1.98651
7.28E+09	2.243051
5.22E+08	3.054798
5.61E+09	2.173553
6.63E+09	1.610453
8.82E+09	2.406775
6.71E+09	4.463876
2.43E+09	3.242538
3.26E+09	1.750311
2.77E+09	1.63619
4.34E+09	1.299142
9.2E+09	3.155402
7.66E+09	1.609776
3.63E+09	1.834327
4.22E+09	2.007087
2.11E+09	2.282158
3.29E+09	2.37457
9.41E+09	2.708692
3.03E+09	5.208652
7.97E+09	3.322904
9.3E+08	2.910436
6.69E+09	1.571783
16000015	1.197047
5.69E+09	1.806821
8.08E+09	2.461413
7.23E+09	2.757074
8.82E+09	2.970525
7.97E+09	1.845994
1.22E+09	3.95128
5.13E+09	2.696258
3.44E+09	1.081252
2.82E+09	3.066135
1.66E+09	3.170965
3.86E+09	4.106002
1.63E+09	2.737199
2.52E+09	5.165235
3.9E+09	2.281749
7.21E+09	3.017708
7.98E+09	1.936684
2.43E+09	3.531213

2.2E+09	1.299344
1.52E+09	2.69003
2.31E+09	1.575027
4.12E+09	3.103358
2.13E+09	3.489978
1.23E+09	1.333002
6.43E+09	1.503076
2.47E+09	1.98975
5.69E+09	0.755204
2.88E+09	2.116348
6.84E+09	2.93411
2.34E+09	1.157169
3.88E+09	1.523782
6.26E+08	1.670187
3.37E+09	2.972131
7.23E+09	0.811615
4.02E+09	2.099207
4.23E+09	1.447358
3.55E+09	2.001855
8.13E+09	2.689641
3.44E+09	1.40199
1.77E+09	3.800844
8.15E+09	1.439005
3.05E+09	1.974515
7.95E+09	3.652808
3.76E+09	4.203392
1.32E+09	2.000141
1.33E+09	4.48907
7.3E+09	2.00444
2.46E+09	1.830105
6.16E+09	1.886088
8.96E+09	2.528606
2.31E+09	2.975992
9.53E+09	0.984191
4.18E+09	3.600076
8.86E+09	2.026936
1.83E+09	3.604839
3.07E+09	2.993521
6.24E+08	4.47393
4.04E+09	1.424122
5.02E+09	1.462984
2.48E+09	3.932983
7.2E+09	3.245427
5.1E+08	2.649165
9.43E+09	2.8464
1.57E+09	2.286629
9.83E+09	3.015815

3.88E+09	2.643899
8.09E+09	1.167169
1.11E+09	1.281873
2.23E+09	1.148855
6.65E+09	2.438114
1.25E+09	2.158717
2.17E+09	1.61276
7.71E+09	2.219998
6.07E+09	2.284364
2.33E+09	1.838325
1.49E+09	2.13985
3.83E+09	2.105865
7.2E+09	4.487743
7.2E+09	2.060237
7.79E+09	1.762221
1.25E+09	1.561683
4.05E+09	4.847864
7.91E+09	1.694358
3.75E+09	1.380684
5.22E+09	0.923263
3.32E+09	2.105557
8.65E+09	4.418502
8.67E+09	1.950857
1.67E+09	4.558223
1.02E+09	2.824155
3.31E+09	2.836502
4.23E+09	2.373251
2.14E+09	1.035963
1.57E+09	4.05969
9.41E+09	3.541496
2.92E+09	2.238727
1.05E+09	3.974342
2.08E+09	2.917473
9.42E+09	1.171804
9.82E+09	2.664596
7.13E+09	1.310062
4.11E+09	2.975192
5.55E+09	3.705138
2.03E+09	1.855104
7.94E+09	1.1599
7.52E+09	1.840942
2.52E+09	2.380969
5.41E+09	1.636904
7.5E+09	3.881521
2.59E+09	0.985437
2.72E+09	1.403609
8.08E+09	2.391177

1.42E+09	3.340272
8.86E+09	1.082236
7E+09	3.184259
4.22E+09	1.646064
7.97E+09	2.609309
2.01E+09	1.275285
6.62E+09	3.525426
2.88E+09	1.662641
1.2E+09	3.566215
1.33E+09	3.30356
6.66E+09	2.197286
1.23E+09	0.97276
9.24E+09	0.949436
9.41E+09	2.263845
9.52E+09	0.87411
2.15E+09	3.274051
7.23E+09	1.846586
9.48E+09	3.21244
9.3E+09	2.175371
5.19E+08	3.042199
7.84E+09	2.232889
6.06E+09	1.172555
2.35E+09	3.349031
3.51E+09	1.561904
1.43E+09	3.157113
1.62E+09	2.088124
3.02E+09	1.95879
7.85E+09	2.02261
7.73E+09	2.881403
1.45E+09	2.35144
2.95E+09	1.329154
4.25E+08	2.181164
3.88E+09	2.496633
1.76E+09	4.159549
1.93E+09	2.000017
7.44E+09	3.310979
7.82E+09	1.781435
4.03E+09	2.315357
2.83E+09	1.343831
5.43E+09	2.735582
1.28E+09	0.94093
9.23E+08	1.211072
7.66E+09	2.006234
3.02E+09	2.011935
3.28E+09	1.991644
7.3E+09	1.143384
3.91E+09	1.441753

8.84E+09	3.261936
4.05E+09	1.208329
3.9E+09	1.726077
6.16E+09	1.586356
7.94E+09	1.08928
4.37E+09	1.010632
4.23E+08	1.270072
3.99E+09	1.28844
7.18E+09	1.304379
2.54E+09	3.5745
5.7E+09	2.640283
5.2E+09	2.844375
7.63E+09	6.865476
2.92E+09	2.377853
1.53E+09	3.32059
1.25E+09	2.554509
3.81E+09	2.299108
7.86E+09	3.149579
5.7E+09	4.140476
7.5E+09	2.809001
1.4E+09	1.82043
7.58E+09	1.848036
8.73E+09	3.075393
5.02E+09	3.415479
2.9E+08	1.436093
2.84E+09	3.234235
3.96E+09	4.161439
7.85E+09	3.082181
1.31E+09	2.52482
7.77E+09	2.856391
4.12E+09	2.35391
2.73E+09	4.367853
6.66E+08	2.155752
5.1E+09	2.458733
6.37E+09	1.240227
2.02E+09	2.670956
7.28E+09	1.096468
8.88E+09	3.402555
3.96E+09	1.226312
7.7E+09	1.579601
1.69E+09	2.535674
5.1E+09	2.693704
1.44E+09	3.766984
5.1E+09	1.011831
3.13E+09	5.671848
2.32E+09	3.057218
9.54E+09	2.388191

8.68E+09	2.549362
1.56E+09	2.428243
3.4E+09	3.295945
7.35E+09	1.838616
5.22E+08	1.488106
8.7E+08	1.501151
8.11E+08	3.893251
1.22E+09	2.524087
1.52E+09	3.033241
2.03E+09	4.948009
9.22E+09	2.105027
8.68E+09	1.72196
2.62E+09	2.087544
3.76E+09	4.667884
5.24E+08	1.606653
3.12E+09	4.565401
5.58E+09	3.85852
8.09E+09	1.735597
4.07E+09	2.314151
3.3E+09	3.390771
9.24E+09	3.42908
2.74E+09	1.607265
6.81E+09	2.405554
6.14E+09	2.68662
2.2E+09	1.662713
2.6E+09	2.597615
4.34E+09	0.707019
1.19E+09	1.564286
1.97E+09	1.702528
1.11E+09	1.763289
2.89E+09	2.532894
4.04E+09	2.177928
5.22E+08	2.758436
4.2E+09	1.688985
7.52E+09	0.979654
7.71E+09	3.318052
4.32E+09	3.379609
8.62E+09	3.38062
5.1E+09	2.174665
2.35E+09	1.11446
3.82E+09	3.072059
6.15E+09	1.605216
5.45E+09	3.097726
6.41E+09	1.183816
2.13E+09	1.677746
1.46E+09	1.584609
50300090	3.541742

2.33E+09	2.402587
7.71E+09	3.337964
3.63E+09	5.163576
1.73E+09	3.876973
8.69E+09	4.946928
2.31E+09	1.302347
5.56E+09	3.213697
7.01E+09	1.171694
7.88E+09	1.173064
1.28E+09	1.492112
4.04E+09	2.393281
3.35E+09	1.73398
2.14E+09	3.026256
2.55E+08	2.858112
1.02E+09	1.54415
4.04E+09	2.527464
9.28E+09	1.212998
1.97E+09	1.892374
8.47E+08	3.85777
4.04E+09	2.284272
6.82E+09	3.724778
2.51E+09	0.895459
2.56E+08	4.868112
6.82E+09	1.688441
8.7E+08	1.648826
1.78E+09	2.803229
6.6E+09	1.869305
7.2E+09	1.633149
1.68E+09	3.461427
2.63E+09	5.867494
7.63E+09	1.673046
3.39E+09	1.402629
1.9E+09	1.801989
6.9E+09	4.277437
5.57E+09	3.911556
9.86E+08	2.421694
3.29E+09	1.492673
3.76E+09	1.329152
2.29E+09	1.709924
4.22E+09	4.064172
4.24E+09	1.289538
7.21E+09	1.014739
7.7E+09	1.082041
7.22E+09	2.056831
3.2E+09	3.415416
4.32E+09	4.038127
2.57E+09	3.137052

1.94E+09	1.462573
6.65E+09	2.332221
7.39E+09	3.85427
1.7E+09	0.939526
2.88E+09	2.856646
2.73E+09	3.377357
7.63E+09	1.389891
3.18E+08	4.773111
7.92E+09	2.265039
2.02E+09	1.034913
8.95E+09	2.4395
6.07E+09	2.3634
4.34E+09	2.044112
1.44E+09	2.783356
1.02E+09	3.771064
2.77E+09	2.044661
7.23E+09	2.618522
6.44E+08	3.119792
7.78E+09	2.495608
3.83E+09	2.035002
9.27E+09	1.233028
2.63E+08	1.834428
3.62E+09	3.797262
2.4E+08	3.925596
1.35E+09	1.730342
7.85E+09	1.365055
2.49E+09	3.246963
1.8E+09	1.508302
7.23E+09	1.557038
8.65E+09	2.520282
2.92E+09	2.625121
1.23E+09	1.573996
1.55E+09	2.126554
3.21E+09	0.991815
7.69E+09	1.115497
3.14E+09	1.641362
3.96E+09	2.488814
2.11E+09	1.056221
3.88E+09	1.56244
5.22E+08	3.500711
3.21E+09	1.449552
1.22E+09	2.509779
2.6E+08	1.378344
7.85E+08	1.543426
8.14E+09	2.211932
2.6E+09	1.633987
5.4E+08	3.938096

3.07E+09	4.04175
5.36E+09	1.399389
8.68E+09	1.950655
3.22E+09	3.966749
3.21E+09	2.994991
9.27E+09	0.687415
2.94E+08	2.824575
4.2E+09	2.047937
3.03E+09	1.570215
5.33E+09	2.884316
2.47E+09	1.97947
9.27E+09	2.242913
8.12E+09	3.280361
3.22E+09	2.557827
2.49E+09	2.56286
4.06E+09	4.631183
1.93E+09	3.937339
2.53E+09	3.361425
3.34E+09	1.547229
5.7E+09	4.224115
2.02E+09	3.194253
4.06E+09	4.63117
3.33E+09	2.275763
2.94E+09	2.587896
1.98E+09	1.735598
8.93E+09	2.390296
8.12E+09	0.881228
7.53E+09	3.770435
9.33E+09	2.566034
3.88E+09	1.33318
5.42E+09	2.559655
9.23E+09	0.870531
6.41E+09	2.093694
3.01E+09	2.461788
7.95E+09	2.963659
1.08E+09	2.0814
2.88E+09	1.967575
2.2E+09	1.260482
7.98E+09	1.659859
9.56E+09	3.337993
7.81E+09	1.319858
8.94E+09	3.191325
2.31E+09	1.841654
8.65E+09	2.441739
7.89E+09	1.459499
2.04E+09	1.230834
8.71E+08	2.028304

2.77E+09	1.626713
3.63E+09	3.801736
2.77E+09	1.619093
2.47E+09	2.751166
5.42E+09	1.80114
3.76E+09	1.389391
8.65E+09	2.966159
7.2E+09	4.80834
8.96E+09	3.831836
3.3E+09	2.049018
7.98E+08	2.109466
1.7E+09	2.763988
1.6E+09	3.213582
4.14E+09	2.71342
8.84E+09	5.326582
8.67E+09	2.077474
9.26E+09	2.148852
1.85E+09	3.964048
5.56E+09	2.359157
9.52E+09	2.701906
4.04E+09	1.690223
7.42E+09	2.057815
2.62E+09	0.953577
7.92E+09	3.440938
5.58E+08	3.071143
2.57E+08	2.394176
3.32E+09	1.767534
9.3E+09	0.936867
3.58E+09	1.503023
1.32E+09	1.09339
7.23E+09	1.75452
9.41E+09	1.506892
2.13E+09	1.28428
2.31E+09	1.79429
4.05E+09	1.854446
1.19E+09	4.226369
1.49E+09	1.737256
3.01E+09	1.519887
3.63E+09	2.449555
1.05E+09	1.479817
9.32E+09	1.020591
4.32E+09	1.473603
2.59E+09	0.868135
3.23E+08	3.17011
6.6E+09	1.086851
2.92E+09	1.438981
7.2E+09	4.592382

8.93E+09	3.181646
3.21E+09	2.586693
4.03E+09	2.803716
1.6E+09	1.765141
7.85E+09	5.540529
3.63E+09	3.33447
7.2E+09	4.013227
9.54E+09	1.554113
8.04E+09	3.714404
1.24E+09	3.719682
2.51E+08	2.536448
8.95E+09	1.27577
2.16E+09	3.532514
5.47E+09	1.370022
1.24E+09	3.380521
5.21E+09	3.034763
1.72E+09	1.356734
7.28E+09	3.030914
2.1E+09	2.431621
7.85E+09	3.034562
1.43E+09	2.112028
9.53E+09	2.400008
8.64E+09	3.993249
7.92E+09	2.217161
2.54E+08	3.395738
1.93E+09	1.449037
7.01E+09	1.116991
4.22E+08	1.645409
4.22E+08	2.788356
2.92E+09	2.801896
9.3E+08	2.512655
2.46E+09	2.250385
2.61E+09	1.106656
2.9E+09	1.794299
7.7E+09	1.688992
2.46E+09	1.754141
9.83E+09	2.833881
1.01E+09	1.35887
7.2E+09	2.577553
8.66E+08	2.949689
3.05E+08	2.887079
2.26E+09	4.351492
3.44E+09	2.739649
5.25E+09	2.850093
7.58E+09	2.75618
5.47E+09	3.989038
5.1E+09	4.495147

7.23E+08	2.270255
6.22E+08	8.013028
2.52E+09	2.506596
8.16E+09	1.786027
5.56E+09	2.224055
3.32E+09	1.140562
4.36E+09	1.827746
8.73E+09	2.724263
5.6E+09	2.679975
3.59E+09	4.087568
4E+09	0.762152
8.73E+09	1.70742
3.81E+09	2.298312
5.7E+09	6.735948
6.33E+09	1.867241
9.29E+09	2.024508
9.47E+09	2.656556
9.29E+09	3.031125
7.3E+09	2.907861
5.26E+08	5.49032
1.45E+09	5.406404
3.9E+09	2.186569
2.63E+09	1.403003
8.65E+09	2.287736
7.61E+09	2.847787
1.92E+09	2.682008
6.63E+09	1.146392
3.97E+09	1.675527
5.15E+09	1.990763
7.02E+09	2.906017
8.71E+08	2.797003
9.58E+09	2.840843
2.33E+09	3.11605
7.66E+08	2.629995
4.36E+09	1.371496
7.1E+09	1.605358
2.78E+09	1.309598
2.78E+09	2.973945
5.42E+09	1.838117
7.15E+09	1.961372
2.93E+09	5.109254
6.19E+09	3.579671
9.54E+09	1.898962
5.15E+09	1.884704
9.41E+09	2.043685
6.6E+09	1.086499
6.98E+09	3.463268

5.64E+09	1.686677
1.73E+09	2.812585
5.56E+09	2.232809
9.58E+09	3.15785
7.3E+09	1.319045
1.22E+09	4.899713
7.21E+08	2.185265
8.69E+09	4.497137
1.52E+09	2.386859
3.19E+09	2.42461
6.61E+09	1.599385
2.89E+09	2.189766
7.66E+09	1.116197
5.41E+09	1.7908
4.25E+08	2.473045
6.71E+09	1.637655
2.77E+09	1.147256
7.79E+09	1.057398
9.21E+09	1.922666
3.75E+09	1.189601
7.92E+09	2.378603
1.47E+09	1.66494
2.22E+09	2.978658
9.55E+09	4.019483
2.77E+09	1.507608
9.41E+09	2.803399
8.93E+09	1.423066
5.54E+09	2.447263
2.22E+09	3.286931
1.65E+09	4.893627
8.56E+09	2.163732
3.63E+09	2.805083
3.94E+09	2.810323
4.17E+09	2.206522
2.43E+09	5.788894
9.83E+09	0.784877
3.58E+09	1.420532
8.1E+09	2.393334
2.13E+09	4.097982
3.04E+08	1.238169
8.15E+09	4.557518
6.87E+08	2.600145
2.92E+09	2.35459
9.55E+09	3.828864
2.12E+09	5.396511
1.15E+09	2.307559
5.71E+09	1.054191

9.27E+09	1.651393
4.08E+09	1.10613
6.15E+09	1.205735
2.52E+09	1.197654
9.83E+09	1.546745
1.66E+09	1.933019
7.47E+09	2.071398
9.83E+09	0.768291
1.78E+09	2.020729
6.14E+09	2.65972
7.21E+09	1.547
5.33E+09	1.61229
9.51E+09	3.870952
2.54E+09	1.874835
3.39E+09	1.647388
1.33E+09	2.154601
2.13E+09	3.743259
8.59E+08	1.952428
8.85E+09	3.507966
1.21E+08	1.380401
7.98E+09	1.97485
3.86E+09	7.622884
8.82E+09	2.809472
7.06E+08	2.526184
6.6E+09	3.797672
6.38E+09	1.72653
8.14E+09	2.348234
2.88E+09	2.436006
3.53E+09	2.253346
2.12E+09	1.689247
3.02E+09	3.546142
2.14E+09	2.481483
5.46E+08	2.000987
2.07E+09	2.342357
7.97E+09	1.69415
7.02E+09	2.734561
6.2E+09	2.161109
1.55E+09	3.427364
88000173	3.234374
2.58E+09	3.070602
9.21E+09	1.970387
6.21E+08	3.111696
1.32E+09	2.309501
7.98E+08	2.360503
4.21E+08	1.986368
2.82E+09	3.339156
3.83E+09	2.903473

1.24E+09	3.311406
8.8E+09	1.80609
3.17E+09	2.942891
3.68E+09	3.381391
5.47E+09	1.9554
1.25E+09	2.716253
9.55E+09	2.041225
7.97E+09	2.19641
7.55E+09	1.720498
1.1E+09	4.667659
1.4E+09	2.550782
7.64E+09	5.182985
2.12E+09	1.678354
8.65E+09	1.225527
3.9E+09	1.436862
8.82E+09	2.224167
3.3E+09	3.561904
5.43E+09	3.29642
1.78E+09	1.244628
6.2E+09	2.833274
4E+09	0.970028
7.96E+09	1.497004
1.44E+09	3.162767
8.83E+09	4.977941
7.28E+09	1.891774
4.4E+09	1.161708
7.5E+09	3.43342
3.22E+08	1.082915
3.65E+09	1.890934
2.77E+09	1.78203
3.28E+09	1.668867
3.24E+09	1.539897
3.41E+09	1.991869
6.29E+08	3.79383
3.35E+09	0.822084
4.36E+09	1.43714
7.24E+09	5.233453
9.81E+09	4.179716
8.07E+09	1.539892
3.46E+09	3.566877
6.31E+09	3.815271
8.56E+09	3.437984
5.38E+09	1.373027
9.83E+09	1.513424
8.13E+09	1.097418
7.94E+09	0.82362
9.55E+09	2.23113

4.11E+09	2.965068
7.28E+08	1.671937
1.14E+08	1.336017
9.27E+09	2.893102
1.19E+09	2.564296
3.04E+09	2.15026
7.85E+09	3.791707
2.62E+09	3.422582
4.14E+09	2.307941
7.58E+09	2.478169
1.14E+09	1.068304
3.97E+09	1.172328
8.98E+08	1.340799
5.15E+09	2.487013
5.1E+09	4.016422
4.41E+09	1.019602
9.27E+09	1.850974
8.68E+09	1.614877
6.93E+09	2.61933
4.14E+09	3.716852
6.84E+09	1.33208
2.15E+09	6.001142
4.39E+09	3.524316
2.43E+09	2.673374
2.87E+09	4.707714
9.51E+09	2.290284
1.77E+09	1.479591
8.69E+09	1.933741
3.63E+09	4.512849
1.6E+09	1.298683
3.3E+09	1.800697
9.25E+09	2.534704
7.02E+09	2.139911
1.31E+09	2.214877
2.47E+09	2.479397
1.98E+09	1.836173
1.86E+09	2.742667
2.59E+09	1.374151
9.53E+09	1.521254
5.49E+09	2.088468
6.67E+09	2.869359
1.79E+08	1.349476
1.86E+09	2.421537
1.59E+09	2.713832
3.91E+09	2.324894
9.32E+09	2.135018
9.28E+09	1.187444

2.24E+08	2.972453
2.26E+09	2.731524
5.1E+09	1.692768
3.43E+09	1.785677
2.6E+09	2.884225
8.86E+09	1.471686
2.49E+09	1.594817
7.86E+09	4.149427
6.81E+09	2.004916
2.77E+09	1.668088
1.37E+09	5.397859
2.73E+09	2.334112
1.23E+09	2.991741
1.07E+09	8.657208
9.53E+09	1.550805
5.13E+09	3.416898
1.95E+09	2.586919
1.55E+09	3.229976
9.46E+09	3.665021
4.32E+09	3.983323
7.52E+09	1.92176
7.85E+09	2.616823
8.7E+08	1.884138
8.64E+09	2.117119
8.9E+09	2.608271
7.97E+09	1.119167
2.05E+09	3.262903
6.71E+09	2.290373
2.77E+09	2.002795
4.14E+09	3.738372
9.35E+09	3.126735
3.22E+09	1.969375
7.79E+09	1.003395
6.65E+09	2.852773
6.67E+09	2.230377
1.73E+09	2.052428
6.12E+09	3.154392
5.47E+09	1.492015
5.46E+09	0.981948
7.55E+09	1.746911
7.79E+09	3.733415
6.2E+09	2.984575
7.64E+09	1.876244
6.24E+08	4.079639
3.63E+09	1.428798
7.17E+09	3.095294
3.21E+09	1.691406

2.47E+09	2.888782
2.62E+09	2.586919
1.42E+09	1.012973
2.08E+09	2.040647
3.83E+09	2.547288
7.7E+09	2.202917
5.1E+09	1.133482
3.72E+09	1.599199
3.36E+09	1.607312
9.21E+09	1.56049
1.8E+09	1.432191
9.55E+09	3.295442
3.88E+09	3.007315
1.76E+09	2.527271
5.47E+09	1.587335
6.39E+09	3.170291
2.33E+09	2.910314
9.41E+09	2.161286
8.71E+08	1.970124
3.14E+09	2.226256
4E+09	1.625607
2.31E+09	1.885803
8.04E+09	1.980334
7.5E+09	3.717994
1.96E+09	4.883329
1.56E+09	1.701704
3.63E+09	1.500755
2.59E+08	2.58747
6.62E+08	2.769948
3.12E+09	3.051236
3.21E+08	2.905834
6.84E+09	2.042858
3.74E+09	2.387641
4.43E+09	1.755275
9.24E+09	2.493433
6.15E+09	1.125416
2.57E+09	1.417885
4.02E+09	2.407365
1.01E+09	2.4213
1.26E+09	1.208382
9.53E+09	2.13899
8.69E+09	3.751264
1.73E+09	2.070688
2.48E+08	1.14418
6.11E+09	2.153027
2.13E+09	2.7492
9.2E+08	1.343193

6.07E+09	2.99509
1.62E+09	0.567258
9.27E+09	0.936686
1.84E+09	3.353414
2.89E+09	2.632743
9.12E+09	3.045141
9.48E+09	2.640937
2.8E+09	2.533079
2.9E+09	2.15836
5.02E+09	2.06322
3.63E+09	3.983661
8.83E+09	1.939488
1.57E+09	4.064033
8.72E+09	2.067109
4.15E+09	4.202261
1.97E+09	4.111494
8.86E+09	0.980396
9.32E+09	2.007469
1.15E+09	2.735737
2.01E+09	1.63753
1.65E+09	2.023823
4.46E+08	2.937132
2.34E+09	2.57661
5.23E+08	0.935959
9.19E+09	2.408775
7.94E+09	1.998033
7.14E+09	1.430387
7.85E+09	3.42406
6.65E+09	2.281332
5.69E+08	2.506748
3.58E+09	1.499704
2.03E+09	1.370023
8.9E+09	1.871535
5.08E+09	1.921626
8.73E+09	3.839475
4.22E+09	1.726644
8E+09	2.8873
4.08E+09	2.679298
6.45E+09	3.838682
2.82E+09	2.753705
1.31E+09	1.637362
3.52E+09	4.041744
1.72E+09	0.990986
6.13E+09	1.351292
7.2E+09	3.056558
1.12E+09	3.450425
6.47E+08	1.767889

5.63E+09	1.298969
3.34E+09	0.942587
9.55E+09	2.604501
1.77E+09	1.254612
3.35E+09	2.819547
2.18E+08	1.989133
3.65E+09	2.362151
7.9E+09	1.988534
6.23E+08	1.830999
1.77E+09	1.482635
1.78E+09	3.121107
3.4E+09	1.546834
2.42E+09	8.60391
4.39E+09	5.127954
1.54E+09	3.583658
6.15E+09	2.8704
2.9E+09	1.170048
1.44E+09	3.442273
8.56E+09	2.534963
2.77E+09	2.24935
3.43E+09	1.367426
5.04E+09	2.705049
3.63E+09	1.287594
3.88E+09	1.905947
3.27E+08	3.515336
7.55E+09	0.896043
1.31E+09	1.807076
2.22E+09	1.734543
6.31E+09	3.164493
2.77E+09	1.59704
5.59E+09	3.095565
4.32E+09	2.346607
5.25E+09	2.334173
9.24E+09	2.934737
3.89E+09	3.431798
7.91E+09	1.398313
5.73E+09	1.648812
3.59E+09	1.500439
2.08E+09	3.013988
1.84E+09	1.467835
5.34E+08	0.943813
8.56E+08	1.369785
4.14E+09	5.184396
9.56E+09	4.747903
7.77E+09	2.670497
2.8E+09	2.377151
1.92E+09	1.106358

3.45E+09	1.179737
3.88E+09	2.369748
7.24E+09	2.195991
3.89E+09	3.85921
9.58E+09	2.984977
6.15E+09	1.81604
4.02E+09	1.230909
8.9E+09	3.251256
3.4E+09	2.562055
6.75E+09	1.429903
1.95E+09	2.158124
3.3E+09	3.911168
2.54E+09	2.277274
3.8E+09	1.640591
7.88E+09	1.134629
3.44E+09	1.741809
3.53E+09	3.65422
3.6E+09	0.994708
7.32E+08	2.311407
7.13E+09	0.623447
2.63E+08	1.702645
7.21E+09	2.959246
1.11E+09	1.86468
3.42E+09	3.184314
2.47E+09	3.395072
8.69E+09	3.893279
6.18E+09	1.850423
4.48E+09	2.416034
2.97E+09	1.43923
1.53E+09	1.341325
7.64E+09	2.391843
7.02E+09	2.276529
2.17E+09	3.148591
4.04E+09	3.041478
9.53E+09	3.480977
5.07E+08	2.352933
2.78E+09	2.195947
3.63E+09	4.249706
1.1E+09	1.816226
1.33E+09	2.433389
2.76E+09	2.696428
2.11E+09	2.078433
2.05E+09	4.581394
3.83E+09	2.598886
2.61E+09	2.207085
1.48E+09	0.852235
8.9E+09	1.601722

9.18E+09	2.924424
3.53E+09	1.475884
7.86E+09	1.977986
7.92E+09	1.168659
2.25E+09	1.151296
3.3E+09	2.122875
3.88E+09	1.789315
3.69E+08	0.757096
3.05E+09	2.33895
7.86E+09	4.127561
7.3E+09	2.948637
7.2E+09	1.563756
1.7E+09	1.78708
9.43E+09	3.796274
3.63E+09	3.020159
8.81E+09	1.288435
1.02E+09	1.343983
1.14E+09	1.447826
7.88E+09	1.023803
7.97E+09	3.171397
2.13E+09	2.150832
9.55E+09	1.825653
5.56E+09	1.054261
3.79E+09	1.8779
4.22E+09	3.303527
1.83E+09	1.855738
3.91E+09	1.732949
7.7E+09	4.117883
3.21E+09	1.810611
6.15E+09	0.738444
2.77E+09	1.450103
1.77E+09	1.781829
5.7E+09	2.788158
1.95E+09	0.97536
1.4E+09	2.005177
8.04E+09	1.342906
66000070	0.742211
5.08E+09	1.296555
4.03E+09	1.9842
5.69E+09	1.823657
3600072	2.662308
8.08E+09	3.032296
1.92E+09	2.288312
2.9E+09	1.882132
9.18E+09	0.792884
3.33E+09	1.90546
1.43E+09	1.743918

2.82E+09	2.278899
6.45E+09	4.296026
6.2E+09	4.655355
7.52E+09	1.642703
3.52E+09	4.244081
5.74E+09	0.922722
2.47E+09	2.962377
4.21E+08	1.573195
4.23E+09	1.898831
5.56E+09	1.816717
3.8E+09	2.193747
7.99E+09	2.73433
3.03E+09	5.455452
7.52E+09	2.058187
9.41E+09	1.372492
3.81E+09	2.44923
6E+09	2.668057
2.21E+09	1.905528
7.2E+09	2.299504
7.3E+09	2.710563
8.97E+09	1.498731
4E+09	1.175871
2.22E+09	2.170922
1.52E+09	1.626504
1.13E+09	1.569752
1.87E+09	2.484232
4.04E+09	2.185701
2.1E+09	2.825855
2E+09	3.41348
8.82E+09	4.179418
7.46E+09	2.39327
9.54E+09	2.368181
8.09E+09	4.199621
7.52E+09	0.73632
8.68E+09	2.568108
3.18E+09	2.645463
9.83E+09	1.644638
6.71E+09	3.496469
2.14E+09	2.733806
7.52E+09	0.910003
3.22E+09	1.595537
7.99E+09	1.850042
2.59E+09	1.910837
2.79E+09	3.092906
1.73E+08	1.372531
7.2E+09	3.167084
3.31E+09	3.61873

2.58E+09	3.183183
6.61E+09	4.413782
7.02E+09	2.041327
1.32E+09	2.890086
3.79E+09	3.998084
2.23E+09	1.121546
3.58E+09	1.09311
8.1E+09	1.62478
2.1E+09	2.458587
8.68E+09	3.374286
6.16E+09	1.104024
6.92E+09	2.742431
6.91E+09	2.273631
1.21E+09	1.27976
3800008	2.261632
6.15E+09	0.901931
1.22E+09	4.196777
7.77E+09	3.418432
9.29E+09	3.237615
1.97E+09	2.655097
7.63E+09	3.584136
9.38E+09	2.250156
8.65E+09	0.951567
6.3E+08	4.173482
5.02E+09	3.031793
9.56E+09	2.261212
8.73E+09	1.456665
7.9E+09	2.737211
5.25E+09	2.154226
1.45E+09	3.002096
7.79E+09	3.171163
1.25E+09	2.6044
3.36E+09	2.353034
7.58E+09	2.593517
4.14E+09	2.265472
11520640	3.657132
7.97E+09	1.31742
8.12E+09	1.519189
9.46E+09	2.141542
1.33E+09	2.038888
4.03E+09	1.254871
2.72E+09	2.945846
1.12E+09	1.179296
3.54E+09	1.014169
2.91E+08	2.910533
8.65E+09	2.269433
3.3E+09	1.409068

4.04E+09	1.224573
1.33E+09	4.724464
9.28E+09	4.132173
4.15E+09	1.133437
7.76E+09	1.45447
5.03E+09	1.592559
9.49E+09	3.735488
3.58E+09	1.567287
7.61E+09	1.388826
3.68E+09	3.127275
1.25E+09	1.238426
6.3E+08	3.280427
1.84E+09	2.6967
1.18E+09	5.221983
3.01E+09	1.454317
7.85E+09	5.559978
3.28E+09	2.60157
3.34E+09	1.072555
5.46E+09	3.226859
2.47E+09	2.061216
5.39E+09	2.640418
8.82E+09	1.552663
1.25E+09	2.379074
1.52E+09	2.682466
9.3E+08	2.638761
4.08E+09	1.870173
4.06E+09	3.805969
2.78E+09	3.446912
3.63E+09	2.972199
7.86E+09	3.218717
7.59E+09	1.438722
3.89E+09	1.202712
6.38E+09	2.172086
3.3E+09	2.848543
8.64E+09	2.313305
5.64E+09	3.399825
8.82E+09	3.594083
5.46E+09	4.012594
9.85E+08	0.922691
9.56E+09	3.421689
1.42E+09	1.619312
4.15E+09	1.058367
7.95E+08	1.260608
9.83E+09	1.203813
1.25E+09	4.701313
1.16E+09	1.855754
5.65E+09	3.200324

1.04E+09	3.527561
8.9E+09	2.592728
1.65E+09	3.42971
2.92E+09	3.136846
4.37E+09	1.381384
6.84E+09	2.925697
7.38E+09	1.37541
7.85E+09	2.968075
9.22E+09	1.318338
9.54E+09	2.670762
7.34E+09	1.24038
4.32E+09	2.563049
7.69E+09	2.554504
9.32E+09	1.712367
3.2E+09	3.434875
6.71E+09	2.380683
1.57E+09	4.528116
3.28E+09	1.772166
1.94E+08	1.577893
2.12E+09	1.678139
7.52E+09	2.105935
3.79E+09	2.011099
7.85E+09	3.476728
5.47E+09	2.926467
8.69E+09	3.697252
1.14E+08	1.193845
1.26E+09	3.171462
7E+09	1.121963
1.9E+09	0.969274
2.52E+08	5.264644
7.7E+09	3.592149
4.04E+09	1.541643
5.22E+08	1.385244
6.07E+09	2.929334
6.82E+09	1.98697
5.03E+09	1.749786
8.86E+09	2.695467
8.26E+08	1.041906
9.42E+09	1.464079
3.96E+09	4.192134
8.9E+09	2.667981
7.53E+09	3.409959
8.56E+09	5.660591
1.43E+09	1.32985
6.7E+09	3.00558
2.53E+09	3.641687
7.55E+09	1.522093

2.14E+09	3.368764
5.1E+09	0.958128
7.35E+09	1.633325
6.85E+09	1.089676
87000213	1.391475
5.42E+09	2.25735
3.22E+08	1.598496
7.23E+09	2.155359
7.12E+09	0.97587
3.74E+09	1.824828
6.74E+09	2.997976
1.96E+09	2.384247
5.59E+09	2.551623
1.78E+09	1.52088
3.75E+09	2.654027
5.32E+09	1.782508
1.44E+09	3.711341
9.35E+09	2.528107
1.84E+09	2.010406
7.28E+09	1.25443
8.64E+09	3.033983
6.91E+09	2.376179
7.01E+09	2.936206
9.35E+09	2.86994
3.88E+09	2.040827
2.2E+09	4.151758
3.76E+09	2.403491
3.4E+09	2.584296
3.75E+09	2.269465
9.83E+09	1.456571
8.66E+09	1.846573
1.44E+09	3.940753
2.42E+09	2.326103
2.11E+09	1.47219
7.64E+09	3.733278
8.57E+09	2.941294
7.5E+09	3.738586
6.82E+09	0.845534
4.31E+09	0.859964
2.59E+09	1.703597
9.83E+09	1.853335
9.38E+09	1.591583
1.65E+09	3.727588
1.5E+09	2.36174
7.72E+09	1.842039
7.28E+09	2.505852
5.22E+08	3.204002

5.2E+09	2.395087
8.26E+08	2.377621
3.27E+09	2.224386
4.44E+09	1.86103
8.68E+09	3.151719
2.77E+09	1.077112
1.56E+09	1.98831
2.69E+08	5.314912
9.26E+09	2.047776
2.32E+09	1.044873
1.22E+09	2.930783
3.76E+09	1.588171
2.57E+09	3.196061
3.71E+09	2.328127
8.24E+08	2.735668
1.74E+09	0.744738
3.03E+09	2.004728
6.13E+09	3.494281
1.07E+09	5.024505
3.05E+09	3.229396
3.02E+09	1.348165
7.39E+09	2.132922
1.79E+09	1.815867
2.92E+09	1.84595
7.02E+09	3.792304
7.7E+09	4.557018
1.93E+09	3.341893
3.01E+08	2.941335
1.93E+09	0.924917
2.4E+09	2.661215
2.59E+09	2.765858
7.88E+09	1.264346
8.08E+08	3.656415
1.42E+09	2.740814
8.56E+09	1.28009
2.79E+09	2.238781
2.35E+09	0.907154
7.39E+08	0.707692
2.4E+09	1.511991
7.63E+09	1.535131
5.1E+09	1.872414
3.32E+09	2.341406
2.25E+08	2.907068
8.08E+09	2.814982
4.14E+09	5.22549
7.44E+09	1.911144
8.22E+08	2.759841

8.65E+09	1.882355
1.37E+09	2.067213
3.34E+09	3.254724
1.31E+09	3.983537
1.05E+08	1.729926
4.31E+09	3.863746
9.93E+08	4.569673
8.04E+09	2.623935
5.71E+09	3.059863
6.31E+09	2.118478
9.21E+09	3.948978
8.73E+09	3.198755
3.04E+09	1.203919
4.38E+08	2.629644
2.39E+08	2.798041
8.93E+09	2.326926
7.14E+09	4.809677
5.56E+09	3.649391
9.53E+09	2.179443
6.61E+09	4.04919
8.84E+09	1.312463
3.78E+09	1.701166
3.79E+08	2.314523
3.87E+09	1.15425
4.32E+09	2.23328
8.96E+09	3.326957
2.56E+09	1.951995
1.12E+09	1.546699
3.87E+09	1.859941
7.85E+09	2.878132
2.51E+08	2.939042
3.9E+09	1.376519
7.7E+09	3.93065
8.68E+09	2.193959
7.89E+09	1.376831
2.03E+09	2.215504
3.07E+09	3.324086
7.58E+09	2.251884
2.53E+09	6.863885
2.78E+09	1.088776
3.76E+09	2.142014
1.52E+09	1.305578
9.23E+08	1.010351
3.3E+09	1.671783
1.5E+09	1.655042
2.88E+09	3.938237
4.08E+09	3.439069

8.82E+09	2.714065
4.14E+09	3.520776
1.22E+09	1.618284
9.37E+09	2.006333
2.73E+09	2.160393
3.86E+09	2.330651
3.81E+09	1.630578
3.3E+09	4.919956
1.31E+09	1.624269
9.52E+09	3.021641
7.52E+09	2.707177
9.41E+09	2.135149
3.28E+09	1.719797
7.7E+09	1.900828
3.75E+09	1.837326
6.37E+09	0.978764
8.73E+09	2.153676
3.88E+09	1.887772
7.35E+09	1.811878
1.04E+09	2.719892
5.42E+09	2.217695
8.73E+09	2.60091
6.84E+09	4.020446
9.23E+08	2.675693
4.04E+09	2.366201
2.6E+09	3.188951
7.2E+09	5.086134
8.82E+09	0.755534
4.24E+08	3.277097
6.06E+09	2.71737
1.82E+09	3.047836
9.41E+09	6.860597
6.85E+09	3.136365
13001215	1.211393
3.63E+09	3.936849
6.75E+09	1.954211
3.83E+09	2.228209
3.69E+08	1.085397
6.07E+09	1.929505
7.27E+09	2.73131
1.47E+09	3.120912
9.52E+09	1.652868
4.35E+09	2.111318
6.6E+09	1.823898
8.08E+09	2.147397
1.36E+09	2.065115
4E+09	1.338848

1.44E+09	4.384903
5.02E+09	1.869334
4.37E+09	1.876724
3.88E+09	3.438394
2.12E+09	1.779355
6.7E+09	1.855734
7.85E+09	2.986841
1.45E+09	4.655878
4.14E+09	2.522044
9.83E+09	2.402695
6.72E+09	1.138484
8.56E+09	2.661588
9.32E+09	5.480436
2.79E+09	2.634625
7.73E+09	2.625486
1.39E+09	1.386723
1.57E+09	1.017279
3.98E+09	3.974599
3.4E+08	1.793283
7.89E+09	2.091344
1.84E+09	3.099725
7.6E+09	1.171972
2.16E+09	2.732927
6.15E+09	3.077667
9.29E+09	2.43906
1.25E+09	2.692678
9.11E+09	4.462148
5.04E+09	2.772772
8.9E+09	1.944383
7.23E+08	1.173397
2.02E+09	1.743748
2.93E+09	3.538301
4.23E+09	3.935632
9.27E+09	1.879044
5.46E+09	2.030943
4.24E+08	1.679115
8.15E+09	0.661009
2.74E+09	2.62729
8.05E+09	1.959125
8.04E+09	1.386269
4.13E+09	3.357192
1.37E+09	3.131276
8.21E+08	2.307811
5.1E+09	2.935084
5.47E+09	1.583091
1.7E+09	0.86906
8.66E+09	1.626366

3.3E+09	2.535167
1.84E+09	1.186272
1.56E+09	1.947839
6.06E+09	2.243242
6.21E+08	1.519768
7.85E+09	2.344056
9.39E+09	1.959942
7.21E+09	3.019658
5.41E+09	1.611256
2.03E+09	1.703383
7.33E+09	1.933526
8.03E+09	1.370982
2.62E+09	3.260412
3.13E+09	1.21165
4.44E+09	1.065474
2.47E+09	2.255548
7.92E+09	1.997246
3.34E+09	1.01089
3.8E+09	0.929056
5.41E+09	3.161891
6.71E+09	2.281162
1.52E+09	1.792322
1.25E+09	3.007953
6.44E+09	3.708204
2.14E+09	2.810197
9.41E+09	1.564666
5.45E+09	6.419424
3.26E+08	2.293879
7.15E+09	2.162933
3.08E+09	1.501172
3.02E+09	3.214351
2.6E+09	3.566053
3.97E+09	1.161176
2.47E+09	1.911519
6.12E+09	3.005546
8.68E+09	3.146241
6.42E+08	3.47685
3.78E+09	1.309135
5.42E+09	3.048966
2.42E+09	5.557981
7.9E+09	1.335751
8.6E+09	1.64255
2.42E+09	3.390977
9.53E+09	1.838509
7.52E+09	2.147065
7.2E+09	3.011241
3.29E+09	4.108745

1.12E+09	3.473543
7.5E+09	2.887784
4.05E+09	5.167987
9.41E+09	2.944434
7.14E+09	2.041566
2.6E+09	2.873822
2.92E+09	1.745716
2.19E+09	1.25498
7.78E+09	2.506079
6.15E+09	1.646908
8.08E+09	2.994603
7.2E+09	3.847637
1.97E+09	1.802024
2.77E+09	2.174528
3.27E+09	1.371493
3.22E+09	3.692474
7.6E+09	4.262487
3.35E+09	2.131495
1.55E+09	1.881603
2.3E+09	2.931403
3.63E+09	2.283624
1.6E+09	0.673178
3.62E+09	4.525728
8.08E+09	2.002972
1.8E+09	1.447517
2.77E+09	2.09255
3.22E+09	3.948858
2.47E+09	2.751821
3.58E+09	1.431762
5.71E+09	1.959406
1.77E+09	3.477948
2.22E+09	1.456123
1.25E+09	1.320096
5.42E+09	3.079219
7.34E+09	0.886586
3.78E+09	3.234685
8.86E+09	2.108896
4.24E+08	3.464319
3.59E+09	2.695148
9.83E+09	0.661004
2.62E+09	1.97926
7.33E+09	1.399259
3.29E+09	3.735723
1.72E+09	3.715452
3.57E+09	3.493688
1.34E+09	2.398876
7.23E+09	1.864284

6.14E+09	1.823753
2.77E+09	2.538712
4.76E+08	1.669338
2.56E+09	2.472774
3.5E+09	0.889752
4.07E+09	1.743484
8.91E+09	9.766027
4.39E+09	1.37286
2.48E+09	0.787782
7.85E+09	2.772702
3.19E+08	3.213373
9.2E+09	0.999494
1.03E+09	2.065677
2.05E+08	2.918462
2.62E+09	5.167291
9.21E+08	3.877031
2.02E+09	3.339198
7.23E+09	2.398432
4.38E+09	2.314327
4.39E+09	6.102953
8.26E+08	2.408558
2.31E+09	1.821052
4.06E+09	2.026114
6.6E+09	1.619955
3.59E+09	5.002719
2.59E+09	1.365131
1.1E+09	4.047214
1.86E+09	1.880636
6.93E+09	1.505033
9.58E+09	2.745621
8.73E+09	1.997274
1.82E+09	1.500476
8.71E+09	3.588739
3.42E+09	1.73946
4.23E+09	0.826995
8.68E+09	1.567174
3.83E+09	1.93636
5.1E+09	0.92575
1.74E+09	2.808646
1.63E+09	1.648026
6.33E+09	2.735706
3.43E+09	4.992597
3.81E+09	3.180961
7.4E+09	4.020292
1.73E+09	3.260413
8.9E+09	2.164938
4.14E+09	2.164825

1.12E+09	5.054344
3.9E+09	2.566679
2.7E+09	1.078324
9.54E+09	2.762122
1.55E+09	2.084125
1.82E+09	4.768909
2.19E+09	2.998008
1.12E+09	3.354131
7.85E+09	2.157268
1.95E+09	1.87585
7.3E+09	1.894534
1.76E+09	1.611363
6.82E+09	1.22737
2.77E+09	1.491551
2.42E+09	3.847556
1.57E+09	1.480477
5.26E+09	3.380672
8.86E+09	3.301427
7.35E+09	3.40406
3.29E+09	3.849515
3.76E+09	2.683296
5.42E+09	3.31451
7.97E+09	0.8594
3.29E+09	1.139883
9.21E+09	2.092988
8.64E+09	3.313382
9.2E+09	1.055429
3.53E+09	0.954076
8.84E+09	2.686039
6.84E+09	1.427918
6.41E+09	1.869461
5.2E+09	3.892589
8.24E+08	3.861238
3.88E+09	2.045511
2.69E+08	3.745738
1.56E+09	3.396112
4.44E+09	1.62531
9.54E+09	3.146241
2.47E+09	3.96985
7.52E+09	1.612033
1.23E+09	1.87315
4.45E+09	0.80243
2.82E+09	3.127242
3.82E+09	1.355246
2.64E+09	1.773483
8.06E+09	1.96424
1.1E+09	1.679716

1.95E+09	1.902167
7.85E+09	3.247691
7.23E+09	2.448426
1.43E+09	1.172903
1.9E+09	2.909721
4.05E+09	4.465093
2.57E+09	3.541616
5.88E+08	4.732587
4.15E+09	3.892032
6.36E+09	4.985055
3.28E+09	1.958209
6.21E+09	2.604551
6.14E+09	2.257052
2.59E+09	3.846481
5.41E+09	1.618215
5.47E+09	1.586414
2.88E+09	2.119692
3.22E+09	2.034021
7.96E+09	1.485104
2.7E+09	1.578922
3.76E+09	2.147934
4.14E+08	1.53076
8.03E+09	2.330568
1.43E+09	1.601695
5.46E+08	2.234774
3.28E+09	1.712833
3.63E+09	3.943448
2.33E+09	4.146492
3.28E+09	1.875992
4.02E+09	1.584401
7.7E+09	1.650274
8.56E+09	3.40995
4.06E+09	1.031684
5.7E+09	2.010251
7.7E+09	3.795221
1.76E+09	2.462748
5.41E+09	1.50431
1.37E+09	2.97508
2.88E+09	1.352456
3.63E+09	2.368274
6.07E+09	1.937261
2.47E+09	2.752478
2.77E+09	1.929119
3.52E+09	4.191333
2.79E+09	3.448047
9.48E+09	2.692153
8.73E+09	2.966345

2.37E+08	2.911966
9.93E+08	4.513568
5.47E+09	2.085933
7.2E+09	4.16546
8.68E+09	1.582458
5.21E+09	2.173606
7.85E+09	2.250767
8.66E+09	2.320471
2.31E+09	1.70142
6.11E+09	3.202035
3.3E+09	3.581672
6.68E+09	2.922019
8.16E+09	2.771713
9.51E+09	2.741814
1.22E+09	3.6016
2.72E+09	2.472486
2.52E+09	1.732906
9.83E+09	2.021278
2.16E+09	1.679159
2.77E+09	2.399901
3.81E+09	2.707942
7.85E+09	2.557637
3.2E+08	3.229135
1.06E+09	2.471854
1.79E+09	1.53733
7.89E+09	3.558584
3.62E+09	1.756159
4.22E+09	3.582498
5.19E+08	4.471473
2.5E+09	2.445998
7.28E+09	1.120721
9.23E+09	2.08134
4.04E+09	1.540589
7.97E+09	3.684699
1.78E+09	2.183058
3.16E+09	0.673874
2.54E+08	1.94657
1.42E+09	4.486257
2.77E+09	3.168075
4.32E+09	2.062688
1.59E+09	2.967172
1.69E+09	2.365239
5.2E+09	1.867737
3.75E+09	1.09438
5.61E+09	4.042522
2.05E+09	1.317193
2.78E+09	2.125966

1.02E+09	1.29993
2.79E+09	2.459682
4.36E+09	1.594196
3.12E+09	3.624463
1.96E+09	1.620328
3.21E+09	1.532662
7.97E+09	1.385162
6.82E+09	2.860196
6.15E+09	0.857051
1.53E+09	3.869985
1.23E+09	1.642431
4.12E+09	3.043411
2.43E+09	1.347092
2.01E+09	1.941827
1.85E+09	3.663232
1.92E+09	2.077128
5.82E+08	1.541604
5.88E+08	2.328849
7.84E+09	1.434685
6.12E+09	1.873363
6.39E+09	2.17697
5.36E+09	1.576518
1.06E+08	1.640136
7.2E+09	1.23902
2.48E+09	2.30219
4.04E+09	1.697362
9.41E+09	1.951663
2.94E+08	3.523946
7.2E+09	4.242645
5.61E+09	5.029951
7.24E+09	1.711425
9.14E+09	1.006337
1.45E+09	1.765649
1.38E+09	2.08966
7.97E+09	1.542924
1.56E+09	3.070718
2.92E+09	1.29008
8.68E+08	2.79878
7.14E+09	1.939116
1.02E+09	1.351682
3.26E+09	4.481006
8.56E+09	2.588756
7.14E+09	1.658903
4.37E+09	2.22453
4.1E+09	5.62335
3.82E+09	1.438918
5.38E+09	1.666369

4.24E+09	2.544087
8.12E+09	1.996369
8.95E+09	4.306535
1.43E+09	1.387882
7.01E+09	1.863328
2.8E+09	3.125449
5.22E+08	1.419883
4.32E+09	2.722957
3.65E+09	2.427579
2.13E+09	2.585175
3.22E+09	1.582493
6.8E+09	1.447196
3.63E+09	5.300893
8.73E+09	1.440893
6.07E+09	3.399293
1.67E+09	1.246204
2.2E+09	1.158369
4.06E+09	2.069536
5.08E+09	1.449233
7.85E+09	3.375608
7.82E+09	0.709251
8.66E+09	1.499192
3.19E+09	1.694064
4.08E+09	0.94333
2.47E+09	11.21146
3.45E+09	2.691108
1.84E+09	1.566934
7.9E+09	1.6479
9.43E+09	1.919449
6E+09	1.753837
7.7E+09	3.837482
1.31E+09	2.305885
3.98E+09	2.150008
4.1E+09	2.281982
7.2E+09	2.906545
7.37E+09	2.324633
1.26E+08	2.754155
1.06E+08	1.583287
4.46E+09	2.789035
8.94E+09	1.917956
8.68E+09	2.72865
9.83E+09	1.39931
3.28E+09	2.998088
7.23E+09	1.356507
1.8E+09	4.547626
3.83E+09	2.521823
2.52E+09	2.257135

7.7E+09	3.268995
3.9E+09	3.646966
5.65E+09	2.189
7.23E+09	2.230218
3.02E+09	1.490741
7.79E+09	5.116376
2.05E+09	4.212154
8.82E+09	1.357035
3.52E+09	4.766845
9.19E+09	2.74866
7.28E+09	1.34154
9.47E+09	4.408285
2.77E+09	2.191997
3.63E+09	2.259505
9.14E+09	2.669434
8.65E+09	2.074922
3.68E+09	1.279213
2.77E+09	1.509858
1.97E+09	1.957199
6.06E+09	5.179203
6.62E+09	2.481587
2.22E+09	2.701803
2.77E+09	1.436644
3.59E+09	3.444825
2.92E+09	2.607117
9.27E+09	1.380512
7.23E+09	1.680315
1.09E+09	3.135147
3.36E+09	1.433336
5.15E+09	2.902524
7.23E+09	2.560588
2.42E+09	2.418125
8.02E+09	1.851873
2.52E+09	4.416305
1.44E+09	3.198243
3.33E+09	2.800071
9.35E+09	1.666861
8.69E+09	3.539974
6.33E+09	2.809549
1.31E+09	2.117086
7.43E+09	1.723431
3.63E+09	3.102256
2.72E+09	2.192687
9.84E+08	2.17593
5.35E+09	0.865697
4.15E+09	2.177436
2.95E+09	2.224626

9.52E+09	1.947395
5.1E+09	3.349042
3.45E+09	3.257377
4.22E+09	3.492086
5.15E+09	5.347383
3.28E+09	1.490697
1.1E+09	4.108377
1.25E+09	3.601711
2.03E+09	1.688802
3.82E+09	2.070762
1.25E+09	3.092405
7.85E+09	2.984401
3.83E+09	2.039368
2.93E+09	2.737415
1.25E+09	4.453071
6.37E+09	2.141548
7.95E+09	1.219959
7.52E+09	1.71779
9.29E+09	1.963519
3.99E+09	2.213107
7.23E+09	2.606952
5.48E+09	3.206405
1.13E+09	5.369443
9.53E+09	2.184225
4.02E+08	1.739541
8.82E+09	3.063703
2.48E+09	0.847404
1.44E+09	0.51452
2.85E+09	2.269256
1.53E+09	0.795055
2.6E+09	3.309499
7.81E+09	1.379817
3.34E+09	2.749338
1.95E+09	0.837519
9.54E+09	1.662265
8.08E+09	3.790876
3.26E+09	3.168109
1.86E+09	1.109109
3.3E+09	2.666335
4.35E+09	1.417036
4.22E+09	2.906579
3.8E+09	1.648301
3.2E+09	2.621911
1.93E+09	1.053499
8.81E+09	0.901062
4.39E+09	2.031379
5.02E+09	5.739917

2.95E+09	2.203193
6.86E+08	2.252191
3.37E+09	2.037456
8.68E+09	1.3955
7.31E+09	0.827753
3.76E+09	1.525481
3.58E+09	2.422514
1.77E+09	3.432287
7.13E+09	1.953442
6.3E+09	1.317663
1.33E+09	2.2786
3.69E+09	1.806543
1.22E+09	3.773055
7.95E+09	0.844684
3.59E+09	3.70264
9.46E+09	2.313614
6.29E+08	3.88899
1.99E+09	1.858993
6.67E+09	2.672614
7.26E+09	1.082721
7.5E+09	2.532079
5.25E+09	1.33266
3.4E+09	1.647478
3.22E+08	2.34549
4.05E+09	4.563634
1.71E+09	1.968416
8.64E+09	3.519502
2.45E+09	3.921867
6.1E+09	2.035362
1.93E+09	1.660347
3.33E+09	1.294804
5.39E+09	0.940669
6.21E+08	1.900093
3.34E+09	3.591815
2.95E+09	5.008762
7.97E+09	1.312159
7.21E+09	3.268308
5.56E+09	3.316318
2.63E+09	2.027821
6.82E+09	2.750423
9.2E+09	2.707038
1.07E+09	1.765909
6.19E+09	2.255111
3.28E+09	1.315077
1.13E+08	2.054205
1.32E+09	2.764009
7.98E+09	1.731318

7.2E+09	1.383928
6.38E+09	2.505506
8.08E+09	2.375303
7.85E+09	4.734579
6.3E+09	1.512797
3.37E+09	3.227088
3.34E+09	1.536749
6.98E+09	4.188053
7.2E+09	2.864948
1.11E+09	1.22209
9.27E+09	1.7367
5.1E+09	1.934855
9.25E+08	2.159336
1.01E+08	1.630671
1.79E+09	1.793771
2.12E+09	2.353236
2.46E+09	4.28597
3.9E+09	2.551816
7.25E+09	2.893367
7.82E+09	2.2982
3.75E+09	1.982741
2.77E+09	1.007436
3.3E+09	2.706228
9.14E+09	3.317807
8.68E+09	1.598175
9.41E+09	1.143225
1.34E+09	4.977024
2.26E+09	1.933533
7.95E+09	1.285128
8.66E+09	1.052884
9.18E+09	3.853448
8.07E+09	1.90418
1.31E+09	2.323372
7.85E+09	3.406259
1.22E+09	0.394461
8.56E+09	2.900565
2.52E+09	3.727224
2.23E+09	1.60286
8.65E+09	1.003869
2.41E+09	3.834213
9.41E+09	1.676074
2.11E+09	1.993226
3.76E+09	2.919686
1.04E+09	2.774573
3.59E+09	2.46589
8.56E+09	4.943016
2.72E+09	2.292537

9.52E+08	1.211856
9.25E+08	1.821099
7.2E+09	5.449119
9.32E+09	2.053511
8.57E+09	3.716174
5.38E+09	0.865952
7.78E+09	2.31034
3.99E+09	1.545306
7.91E+09	1.878767
9.43E+08	1.796137
8.03E+09	3.159866
2.82E+09	4.484657
1.23E+09	1.652794
7.26E+08	0.952441
7.95E+08	1.31293
3.39E+08	3.216277
1.33E+09	1.882022
7.55E+09	3.176236
6.14E+09	2.046279
6.47E+08	2.677813
6.74E+09	1.71628
2.9E+09	1.729392
4.05E+09	1.657797
8.81E+09	2.366723
2.94E+08	4.678728
4.18E+09	1.637974
4.36E+09	1.163948
9.2E+09	2.325771
2.43E+09	1.330383
9.47E+09	2.108154
4.75E+08	1.657168
7.5E+09	1.720025
4.04E+09	2.418783
2.56E+09	2.094027
4.12E+09	1.823354
5.24E+08	3.467426
4.05E+09	1.919404
8.65E+09	1.830496
3.91E+09	2.443274
5.1E+08	2.437208
8.66E+09	1.83021
2.88E+09	2.916449
1.98E+09	4.391782
9.47E+09	1.439169
1.8E+09	1.725493
9.24E+09	2.778289
9.19E+09	2.3321

2.54E+09	4.656381
3.76E+09	3.07203
2.47E+09	2.470315
3.21E+08	2.360653
2.57E+09	2.475586
1.42E+09	2.505596
1.12E+09	4.202968
1.94E+09	2.875228
1.78E+09	2.812196
7.5E+09	4.04924
3.45E+09	2.848504
7.52E+09	2.354574
9.23E+08	2.898437
1.43E+09	1.827778
8.64E+09	2.682664
9.18E+09	9.127164
7.92E+09	2.343098
8.94E+09	2.135253
8.95E+09	1.040131
8.67E+09	2.08743
6.12E+09	2.238372
1.79E+09	2.991586
2.26E+08	0.94676
6.46E+09	2.01883
9.56E+09	2.165049
8.56E+09	2.707418
6.43E+09	1.225221
1.6E+09	3.52342
9.54E+09	3.160516
7.83E+09	0.997375
3.32E+09	4.341253
6.24E+08	4.113432
3.65E+09	1.846413
7.86E+09	3.014413
4.34E+09	1.954751
3.21E+09	2.477073
3.9E+09	2.341564
3.6E+09	2.389068
3.8E+09	1.469371
7.97E+09	2.910829
1.45E+09	2.618818
7.5E+09	3.352277
9.2E+09	2.181002
2.42E+09	1.622821
1.22E+09	2.865543
7.13E+09	1.798574
1.92E+09	1.333967

7.85E+09	3.799321
4.14E+09	5.753885
4.22E+09	1.804416
1.02E+09	4.440527
8.94E+09	2.29807
5.04E+09	1.880469
1.04E+09	1.991495
7.9E+09	0.659644
3.33E+09	2.342751
9.41E+09	2.764392
1.77E+09	1.730307
5.45E+09	6.408609
9.54E+09	1.077536
9.83E+09	1.214656
3.36E+09	1.573464
4.76E+08	1.353267
4.36E+09	2.25388
5.56E+09	1.503425
7.52E+09	1.78008
1.05E+08	1.740451
8.82E+09	3.199477
3.3E+09	1.013209
3.23E+08	2.045266
5.36E+09	1.15532
2.22E+09	2.071159
6.64E+09	3.977893
9.36E+09	1.299936
3.44E+09	0.796389
2.21E+09	2.046673
9.27E+09	1.822372
5.85E+08	2.553394
7.71E+09	3.413385
9.41E+09	1.99573
4.03E+09	3.496486
8.64E+09	3.786832
8.66E+09	1.756819
3.33E+09	1.29534
5.1E+09	2.057674
3.81E+09	0.910582
2.33E+09	3.730346
1.45E+09	1.697397
8.64E+09	1.744898
6.08E+09	2.59946
4.41E+08	1.188613
2.6E+09	3.637134
6.5E+08	1.605006
3.59E+09	1.806985

5.42E+09	3.436935
5.41E+09	3.295179
2.92E+09	2.112197
3.33E+09	2.345217
1.77E+09	3.09539
8.73E+09	1.224276
7.86E+09	2.572209
1.4E+09	2.701051
9.12E+09	2.301288
7.13E+09	2.905274
4.23E+09	2.2233
1.77E+09	1.687738
9.41E+09	2.204394
7.66E+09	1.490591
6.91E+09	4.02811
1.4E+09	2.23451
6.63E+09	2.624932
3.2E+09	3.35955
5.16E+09	2.892869
5.56E+09	0.835109
1.7E+09	2.065581
8.08E+09	4.728691
2.89E+09	2.623383
4.33E+09	1.42554
3.76E+09	1.202522
52000067	1.89934
5.43E+09	5.149715
8.96E+09	2.317299
8.86E+09	1.430322
3.36E+09	0.632987
9.31E+09	1.079682
6.45E+09	2.822439
1.23E+08	2.27515
7600065	1.789987
3.12E+09	2.200562
8.96E+09	3.705053
7.86E+09	2.5251
7.53E+09	2.55698
9.54E+09	2.665841
3.19E+09	2.398072
4.12E+09	2.196335
2.51E+09	3.771472
1.54E+09	2.542135
6.63E+09	1.368727
7.4E+09	2.088423
9.52E+09	1.540127
1.31E+09	2.673898

7.97E+09	3.453471
8.81E+09	1.539023
8.82E+09	3.043271
2.31E+09	1.904616
2.24E+09	1.377112
2.29E+09	2.724588
2.83E+09	1.419002
1.31E+09	3.151187
5.5E+09	2.166023
7.23E+08	4.783586
6.43E+09	1.875883
3.36E+09	1.520424
7.85E+09	2.896739
8.68E+09	1.8754
1.92E+09	1.801948
3.4E+09	2.525112
8.69E+09	4.160453
9.37E+09	2.591464
3.4E+08	1.195327
1.59E+09	2.741189
1.47E+09	2.335589
8.93E+09	2.071186
5.03E+09	1.610718
5.49E+09	7.291818
7.88E+09	1.427529
1.73E+09	3.095218
1.52E+09	1.851469
8.6E+09	1.85817
5.38E+09	2.687972
1.25E+09	2.277039
3.18E+09	1.222567
3.31E+09	1.417096
9.76E+08	2.201765
8.82E+09	1.640387
2.13E+09	1.547956
1.18E+09	1.647599
7.89E+09	2.398651
3.89E+09	2.634834
3.63E+09	4.166774
8.56E+09	3.758651
7.35E+09	1.333709
9.55E+08	1.3164
6.82E+09	1.570657
4.04E+09	1.57817
1.64E+09	5.330947
8.03E+09	2.355366
5.24E+09	2.366402

1.12E+09	2.30425
9.54E+09	2.484069
4.23E+08	3.987592
4.02E+09	1.453945
7.9E+09	1.246869
2.98E+09	1.481057
1.07E+09	1.686709
4.46E+08	2.167249
7.94E+09	1.124551
3.58E+09	4.516092
8.69E+09	4.053037
6.12E+09	4.838558
3.92E+09	2.261522
2.03E+09	1.195399
4.33E+09	1.713172
1.32E+09	2.067565
9.27E+09	2.620078
9.83E+09	2.023397
7.52E+09	3.280492
5.32E+09	4.114378
3.94E+09	1.709934
1.56E+09	3.77494
9.51E+09	2.472893
6.16E+09	1.495792
9.51E+09	3.208749
3.87E+09	0.808895
9.26E+09	4.943939
2.52E+09	4.426679
6.87E+09	2.443443
3.78E+09	3.347707
4.24E+09	1.904678
2.89E+09	1.979488
2.75E+09	0.964363
5.42E+09	3.414535
3.63E+09	3.557512
2.46E+09	1.886385
5.11E+09	3.004059
7.53E+09	2.919169
6.29E+08	3.81405
8.65E+09	0.9925
7.96E+09	2.122497
1.84E+09	1.302098
4.25E+08	1.127062
9.48E+09	1.448688
7.91E+09	1.566975
6.38E+09	1.477096
6.05E+09	3.090143

1.24E+09	1.004965
6.07E+09	4.653715
3.42E+09	1.369974
3.76E+09	1.587138
7.85E+09	1.840781
4.18E+09	3.985992
7.63E+09	0.820928
7.13E+09	1.400657
3.03E+09	6.166484
8.16E+09	2.10918
7.85E+09	2.875489
2.6E+09	2.523641
5.54E+09	2.611931
2.1E+09	2.10148
8.91E+09	1.503977
1.68E+09	3.248214
1.42E+09	3.007543
5.13E+09	1.802848
7.94E+09	1.518997
2.41E+09	2.881471
7.85E+09	3.471488
9.54E+09	2.983048
1.89E+09	1.439751
2.72E+09	1.595956
9.42E+09	2.698715
7.89E+09	2.428836
3.5E+09	0.939642
3.91E+09	2.080772
7.23E+08	3.098574
8.69E+09	3.319322
2.3E+09	2.469253
2.89E+09	1.286681
5.27E+09	1.73517
5.15E+09	2.445072
5.56E+09	3.967687
7.73E+09	3.900443
7.5E+09	5.23258
8.58E+09	2.564822
7.13E+09	2.157435
9.55E+09	1.621278
1.55E+09	2.667646
2.65E+09	1.652762
3.34E+09	1.327653
7.85E+09	2.603479
9.43E+08	1.281904
7.2E+09	4.118082
3.56E+09	2.519402

3.89E+09	2.159932
7.45E+09	1.451425
7.17E+09	2.72965
4.38E+08	2.697105
9.28E+08	2.134305
3.83E+09	2.814249
3.85E+09	3.156453
6.68E+09	1.074017
1.77E+09	1.653189
9.49E+09	2.695693
5.56E+09	2.612153
1.79E+09	3.014953
2.01E+09	1.949198
8.02E+09	1.655136
5.45E+09	5.067699
5.52E+09	1.739984
3.57E+08	3.766849
2.54E+09	2.61148
1.09E+09	3.787309
3.46E+09	2.099063
2.45E+09	3.375127
1.63E+08	2.738191
2.59E+09	3.126638
5.1E+09	2.478877
1.12E+09	4.206535
7.5E+09	4.004818
1.31E+09	2.619748
3.3E+09	1.284443
1.97E+09	1.148776
5.1E+09	1.336353
2.62E+09	3.15105
6.37E+09	1.883568
4.31E+09	2.856185
2.77E+09	1.818026
2.5E+09	0.799793
7.2E+09	4.135353
3.52E+09	3.868902
8.24E+08	5.195207
9.35E+09	3.977445
7.23E+09	1.327541
6.02E+09	1.53468
5.44E+09	2.213531
2.21E+09	1.406995
7.2E+09	1.722693
6.3E+08	3.324455
1.32E+09	0.970561
4.18E+08	0.808184

6.3E+09	1.102649
4.14E+09	5.00258
3.02E+09	2.168279
8.7E+09	1.396221
2.8E+09	2.886957
7.35E+09	2.691198
8.56E+09	3.145948
2.59E+09	3.296893
4.14E+09	5.030443
9.83E+09	1.498298
2.42E+09	1.974144
7.22E+09	1.013576
3.86E+09	5.15595
3.22E+09	1.827148
3.87E+09	1.487947
1.23E+08	1.462176
3.05E+08	2.965831
2.14E+09	2.49535
7.5E+09	3.497434
2.44E+09	1.121189
8.73E+09	3.056339
3.3E+09	1.111428
9.24E+09	3.706044
1.18E+09	1.156629
5.54E+09	2.508186
9.21E+09	2.102716
2.62E+09	2.505966
7.13E+09	1.557717
6.43E+09	1.432202
6.08E+09	2.550243
7.14E+09	2.259942
3.9E+09	2.96074
7.63E+09	1.751622
9.43E+09	2.718173
1.39E+09	1.740002
9.13E+09	0.714607
4.22E+09	2.86383
1.11E+09	2.889238
3.34E+09	1.323013
7.5E+09	3.762643
2.03E+09	1.422053
7.53E+09	3.32262
7.3E+09	0.756085
2.59E+09	3.102592
2.77E+09	1.032068
5.49E+09	3.183015
2.47E+09	1.748713

3.83E+09	2.587069
2.31E+09	3.366147
8.9E+09	3.383045
1.78E+09	1.901517
8.84E+09	1.27381
4.04E+09	1.887448
1.34E+09	4.75373
7.97E+09	2.256101
6.86E+08	3.617008
1.18E+09	1.088806
1.66E+09	3.659871
7.86E+09	2.418198
4.15E+09	2.807973
3.3E+09	2.429767
1.78E+09	3.693136
2.04E+08	3.25673
6.67E+09	3.055824
8.73E+09	2.199428
2.27E+09	1.98376
1000102	2.768055
4.2E+09	2.894903
3.38E+09	1.78004
7.86E+09	3.365676
9.28E+09	4.000066
1.25E+09	1.513744
4.24E+09	1.205
3.31E+09	1.264581
2.52E+09	4.096693
2.02E+09	1.541703
3.21E+09	1.85143
2.62E+09	2.213283
5.26E+08	2.333439
8.08E+09	3.217201
7.5E+09	3.096601
3.88E+09	2.226632
9.27E+09	1.494783
8.09E+09	3.310554
2.72E+09	2.718859
3.64E+09	1.385185
1.32E+09	5.445909
5.61E+09	5.412408
8.25E+08	4.5566
6.08E+09	1.495303
9.16E+09	2.069431
1.43E+09	1.470586
5.21E+09	2.070968
9.48E+09	2.021662

2.93E+09	3.315801
2.62E+09	3.872567
1.56E+09	3.605655
2.9E+09	2.425068
3.03E+09	3.330871
4.03E+09	1.164522
3.36E+09	1.454383
2.39E+09	0.856752
7.55E+09	1.532224
5.35E+09	1.519353
8.91E+09	1.369669
7.2E+09	1.891362
9.27E+09	1.077906
8.08E+08	2.941242
2.49E+09	2.1948
8.73E+09	1.197246
5.38E+09	2.067043
6.62E+09	2.444289
5.42E+09	3.471237
1.86E+09	1.744864
2.13E+09	2.083657
4.14E+09	2.681457
8.08E+09	5.213216
6.87E+08	2.534274
5.56E+09	4.023321
7.98E+08	2.061799
5.6E+09	2.403623
7.15E+09	4.049034
8.13E+09	2.07752
2.78E+09	2.85313
7.01E+09	1.009155
2.42E+09	2.84556
8.14E+09	2.514943
6.6E+09	2.266578
2.9E+08	3.356109
1.42E+09	1.243093
7.3E+09	1.676659
3.76E+09	1.45255
7.96E+08	1.154831
7.24E+09	5.055023
7.2E+09	4.22615
9.29E+09	3.007604
2.06E+09	1.594763
6.41E+09	3.93052
5.32E+09	5.467321
6.15E+09	1.956373
5.63E+09	3.232051

7.38E+09	3.093602
9.56E+09	3.768865
4.15E+09	1.093285
3.75E+09	1.296717
5.3E+09	2.845731
3.57E+08	1.962725
7.28E+09	2.247351
3.74E+09	1.264018
6.82E+09	1.969662
7.44E+09	1.406993
3.3E+09	2.546567
1.53E+09	1.324806
3.29E+09	1.144206
8.86E+09	1.566972
5.47E+09	2.832638
8.08E+09	1.84757
6.15E+09	0.99053
8.95E+09	1.113148
1.09E+09	3.160547
4.01E+09	2.104393
2.29E+09	2.187549
5.46E+08	2.964547
4.05E+09	1.457892
7.2E+09	2.989469
7.52E+09	2.465074
3.83E+09	2.590596
1.31E+09	1.431532
2.88E+09	1.127128
3.22E+09	5.067789
9.17E+09	2.060418
9.51E+09	3.447635
8.81E+09	4.036806
3.9E+09	3.373697
2.57E+09	3.35354
1.22E+09	2.180486
6.43E+09	0.974966
5.63E+09	2.43292
8.25E+08	1.451893
2.39E+09	4.275274
7.88E+09	2.247884
1.72E+09	0.497322
2.47E+09	2.164364
5.63E+09	1.827662
5.52E+09	3.709241
2.56E+09	2.060864
8.08E+09	2.768825
9.48E+09	1.542159

8.83E+09	3.31001
3.56E+09	1.029832
3.03E+09	2.341811
1.33E+09	2.849685
2.48E+09	2.510632
6.07E+09	1.322807
6200017	1.451134
8.15E+09	4.043161
3.36E+09	1.557947
7.52E+09	2.220136
8E+09	2.369266
8.68E+09	1.56418
3.62E+09	4.119571
3.76E+09	2.328231
7.94E+09	2.265302
9.23E+08	3.212009
2.18E+08	2.393081
5.42E+09	1.557209
8.56E+09	2.559203
2.21E+09	2.402385
2.31E+09	2.696149
8.58E+09	2.471753
8.65E+09	0.928735
3.33E+09	1.304681
8.11E+09	1.370104
7.85E+09	1.764326
1.86E+09	2.29479
5.23E+09	1.796621
1.57E+09	1.662114
7.56E+09	2.717195
7.52E+09	1.386135
3.32E+09	6.585493
8.08E+08	2.571612
66000265	0.894891
2.88E+09	1.028795
1.52E+09	2.228351
3.63E+09	5.407163
3.26E+09	1.339258
3.21E+09	1.56303
8.08E+08	2.7518
2.78E+09	2.189805
9.29E+09	3.779041
2.56E+09	1.264281
8.86E+09	1.604734
4.39E+09	1.742102
3.86E+09	3.124116
1.18E+09	1.804763

6.08E+09	2.023675
7.99E+09	1.325565
8.03E+09	2.195295
3.21E+09	2.365507
7.56E+09	2.149235
7.85E+09	2.919329
5.24E+08	2.645145
3.36E+09	0.615349
6.12E+09	1.380194
5.6E+09	1.316156
4.14E+09	2.101524
5.31E+09	1.995698
1.8E+09	2.63832
1.19E+09	3.066164
9.24E+09	3.17534
3.63E+09	4.594438
1.25E+09	1.735109
7.8E+09	3.813127
8.64E+09	2.044734
9.48E+09	1.769227
5.25E+09	1.660905
40000553	1.58152
3.2E+09	2.886579
2.6E+09	2.2483
2.72E+09	1.667894
3.74E+09	3.352351
7.53E+09	1.578112
3.71E+09	2.026672
6.17E+09	6.546117
8.13E+09	4.281089
3.76E+09	3.929448
6.07E+09	3.920251
4.02E+09	2.564659
3.89E+09	2.19101
4.11E+09	4.138517
2.91E+09	3.422866
3.84E+08	1.418077
1.01E+09	2.184877
8.86E+09	2.131714
3.45E+09	3.049026
6.71E+09	1.975412
2.26E+09	5.821481
7.27E+09	2.835706
1.28E+09	3.791402
2.62E+09	1.869375
4.17E+09	2.926431
8.73E+09	1.853463

2.6E+09	1.758117
7.57E+09	3.004861
1.83E+09	2.779116
4.44E+09	2.42433
7.81E+09	2.527218
3.35E+09	3.410135
1.56E+09	5.072202
3.63E+09	2.059357
3.78E+09	1.027939
5.56E+09	5.588916
1.9E+09	2.052241
2.12E+09	2.257149
6.31E+08	1.916131
2.93E+08	1.715434
8.12E+09	1.217067
3.21E+09	1.154152
2.48E+09	1.644347
1.65E+09	5.253519
3.96E+09	3.246101
7.91E+09	1.296615
3.12E+09	1.762496
3.97E+09	1.15032
1.42E+09	1.538769
6.79E+09	1.718161
9.1E+08	0.829721
3.75E+09	2.709107
9.46E+08	1.605046
7.75E+09	3.110347
2.56E+08	2.270381
5.15E+09	2.248716
5.42E+09	2.680081
2.87E+08	2.198829
7.59E+09	1.081108
8.12E+09	2.25964
6.89E+09	4.996446
7.58E+09	2.481139
4.24E+09	1.716185
4.05E+09	1.649905
2.94E+09	4.819307
3.45E+09	3.286218
7.2E+09	1.465832
8.67E+09	2.783805
1.78E+09	2.290266
1.12E+09	3.570861
8.91E+09	0.987059
1.17E+08	1.957652
9.28E+09	2.573652

2.8E+09	2.371497
1.23E+08	2.465214
1.31E+09	1.83152
1.24E+09	4.645708
7.55E+09	2.002181
6.89E+09	4.336288
6.07E+09	1.897529
3.23E+09	1.052318
1.44E+09	3.536535
23500190	2.996229
6.02E+09	1.681437
4.17E+09	1.096038
7.92E+08	0.881924
9.56E+09	1.320362
3.84E+09	3.335859
3.88E+09	3.603208
1.33E+09	2.207036
5.01E+09	1.188229
7.58E+09	1.877821
7.69E+09	1.440886
2.52E+09	8.902928
4.29E+09	1.689241
2.73E+09	0.935962
3.53E+09	2.852961
3.3E+09	1.537492
1.27E+09	1.324676
7.28E+09	0.888199
8.56E+09	3.623342
3.76E+09	5.699926
2.88E+09	3.217935
7.94E+09	2.456941
6.07E+09	3.47895
6.45E+09	4.422748
2.92E+09	6.375833
6.75E+09	1.809655
7.21E+09	2.917936
1.09E+09	3.016593
7.13E+09	1.190918
6.15E+09	1.271323
9.52E+09	1.400102
1.86E+09	2.595618
2.79E+09	1.112201
6.07E+09	3.815891
2.91E+08	1.870861
1.25E+09	3.928388
2.63E+09	8.772885
1.33E+09	2.455102

6.45E+09	8.637055
8.65E+09	0.793672
3.52E+09	3.998676
3.23E+09	6.202121
7.55E+09	1.346455
1.44E+09	3.099977
1.78E+09	3.490888
5.24E+09	1.302452
3.39E+09	1.573652
1.95E+09	2.43247
1.03E+09	1.237787
1.68E+09	1.928433
1.94E+09	2.942552
2.02E+09	3.651609
9.93E+08	0.985588
2.78E+09	1.638663
2.54E+09	2.084049
2.92E+09	2.801499
2.79E+09	3.316688
8.65E+09	2.451314
1.01E+08	1.200723
1.44E+09	5.083799
3.89E+09	1.933016
1.73E+08	2.140462
5.15E+09	4.552524
3.01E+09	2.453348
2.09E+09	2.334407
1.84E+09	1.550432
1.05E+09	1.953152
1.33E+09	1.990547
8.89E+09	2.134391
5.33E+09	2.561349
7.14E+09	2.137252
5.47E+09	2.712641
2.44E+09	1.91998
5.14E+09	2.725496
1.07E+09	4.207935
5.38E+09	3.108026
7.45E+09	0.848477
7.94E+09	2.536017
1.73E+09	4.125417
9.41E+09	2.285212
5.57E+09	3.108583
3.18E+09	1.415668
3.62E+09	1.14953
7.84E+09	2.293182
3.3E+09	2.764352

7.74E+09	3.361539
6.1E+09	1.109366
7.47E+09	1.246725
3.96E+08	1.979856
1.16E+09	1.297082
6.3E+09	1.4747
6.39E+09	0.866736
7.39E+09	2.334239
1.12E+09	2.060554
9.83E+09	1.88244
7.72E+09	1.705717
8.56E+09	3.261054
5.64E+09	1.810418
5.56E+09	4.18511
1.19E+09	1.251815
2.41E+09	2.011771
1.07E+09	1.664298
5.16E+09	2.270279
2.77E+09	1.817931
5.1E+09	3.159959
8.2E+08	1.833768
7.51E+08	1.239345
1.82E+09	2.767924
7.43E+09	6.797857
3.33E+09	2.055426
1.78E+09	2.593356
3.63E+09	2.156975
1.55E+09	2.368994
3.26E+09	2.467544
6.82E+09	1.197618
4.14E+08	2.624737
1.33E+09	1.710147
4.06E+09	4.625703
1.23E+09	16.51731
2.3E+09	1.916042
2.82E+09	1.259601
3.4E+09	2.081323
5.14E+09	1.1217
8.09E+08	2.575741
7.33E+09	1.890326
4.21E+08	0.96411
2.62E+09	5.639844
1.13E+09	2.834026
7.06E+08	2.52657
7.31E+09	3.487285
1.27E+09	1.277942
9.26E+09	2.555

6.82E+09	5.893327
5.11E+09	1.651069
7.85E+09	1.250442
7.23E+09	1.509378
5.45E+09	2.964624
4.14E+09	2.032513
3.54E+09	1.51404
7.74E+09	3.375907
3.54E+09	2.411887
5.38E+09	2.367045
6.66E+09	2.307202
6.06E+09	1.909771
7.77E+09	5.065181
8.65E+09	2.303051
5.69E+09	3.520706
5.42E+09	3.297107
3.2E+09	1.127075
3.43E+09	2.164734
7.86E+09	4.46743
2.95E+09	6.250997
2.33E+09	4.583456
9.53E+09	2.88323
7.7E+09	2.39965
7.24E+09	4.716787
2.01E+09	1.774794
1.12E+09	3.558049
1.78E+09	3.817869
3.46E+09	9.327931
2.62E+09	3.199937
1.77E+09	1.741373
1.32E+09	2.80865
2.42E+09	2.165773
3.83E+09	2.574728
7.13E+09	1.736382
8.69E+09	3.75636
7.97E+09	2.456885
1.33E+09	2.607154
7.11E+08	3.653556
9.49E+09	3.113534
1.77E+09	1.30023
2.82E+09	1.26453
6.82E+09	1.284371
3.56E+09	2.494199
7.22E+09	2.357399
4.22E+09	1.342166
2.79E+09	2.331906
4.24E+08	4.488107

9.55E+09	2.788471
5.63E+09	3.039296
1.43E+09	4.317941
5.67E+08	1.590592
3.9E+09	1.913193
3.65E+09	2.137767
1.62E+09	2.933322
1.56E+09	2.036637
2.92E+09	3.417362
4.01E+09	1.455401
1.03E+09	3.316961
2.77E+09	2.971731
7.2E+09	1.163399
1.55E+09	1.753744
3.3E+09	2.355705
8.62E+09	4.280271
7.89E+09	1.771535
3.33E+09	2.217484
6.3E+09	2.708601
1.17E+09	0.627697
3.35E+09	2.928195
4.19E+09	4.222461
7.78E+09	4.434003
8.03E+09	3.629957
4.06E+09	0.944638
9.48E+09	2.533837
7.98E+08	1.944845
6.42E+09	2.532169
4.3E+09	1.833815
6.12E+09	2.605031
2.42E+09	1.391538
3.36E+09	1.385082
1.55E+09	2.180021
7.65E+09	3.03157
4.14E+09	3.856304
9.49E+09	1.901592
2.44E+09	2.634101
7.34E+09	1.564891
9.29E+09	2.333693
6.65E+09	3.245488
7.95E+09	1.217156
2.39E+09	1.440975
8.13E+09	1.98098
7.87E+09	1.455139
1.5E+09	2.349652
3.86E+09	1.959924
9.21E+09	1.224053

9.52E+08	1.17681
2.32E+09	3.195308
1.78E+09	2.170358
5.7E+09	2.202062
4.03E+09	2.137773
7.8E+09	2.71718
9.28E+09	5.270013
3.88E+09	1.789978
2.93E+09	1.945973
9.36E+09	4.190206
3.33E+09	1.152972
4.03E+09	2.087078
3.2E+09	2.16823
5.42E+09	3.349778
1.44E+09	3.127618
2.81E+09	1.18818
1.24E+09	2.044927
2.59E+09	1.540791
7.14E+09	1.838745
1.33E+09	1.597773
3.53E+09	2.598635
1.62E+09	4.026636
4.08E+09	1.673747
1.87E+09	2.870307
1.77E+09	1.203762
7.21E+09	2.354898
3.86E+09	1.667768
7.17E+09	1.6941
4.04E+09	1.370441
9.58E+09	3.815864
3.35E+09	2.355283
4.52E+08	1.457234
7.91E+09	2.216263
9.38E+09	1.982512
8.74E+08	2.467306
8.68E+09	1.649518
7.23E+09	0.761907
2.39E+09	1.89371
3.22E+09	2.233006
4.31E+09	2.560762
3.21E+09	4.831798
7.26E+08	3.818145
4.24E+08	4.625736
6.87E+09	1.908248
1.16E+09	1.86508
4.14E+09	5.895202
8.19E+08	1.405206

8E+09	1.035439
4.1E+09	2.498436
4.05E+09	1.928763
8.86E+09	1.372271
8.68E+09	2.555336
5.38E+09	0.930487
9.21E+09	1.939647
2.34E+09	2.18959
1.42E+09	2.38533
4.04E+09	1.774799
3.94E+09	1.96352
3.44E+09	2.469424
7.63E+09	1.57196
3.91E+09	1.823684
2.22E+09	1.508581
3.03E+09	1.593813
8.02E+09	1.294018
8.56E+09	1.006941
9.55E+09	1.522615
7.52E+09	1.713317
1.82E+09	1.496349
8.92E+09	3.579595
6.65E+09	4.893358
2.4E+09	2.35795
42000127	2.318057
5.1E+09	1.920637
7.35E+09	1.76638
1.84E+09	1.202326
1.25E+09	1.935162
9.46E+09	2.307823
3.36E+09	1.432814
6.82E+09	2.120607
8.65E+09	1.656833
1.56E+09	2.990749
40000228	0.870933
7.3E+09	3.198121
4.3E+09	3.480394
2.63E+09	2.452535
6.62E+08	3.225364
1.91E+09	2.723726
7.89E+09	1.447999
2.52E+09	5.156551
9.24E+08	3.7413
1.59E+09	2.564511
98000060	6.419675
6.39E+09	1.984035
2.72E+09	1.583829

8.02E+09	2.904033
2.14E+09	2.559435
3.28E+09	2.048015
7.24E+09	5.098457
6.26E+08	3.412616
4.32E+09	0.974573
1.42E+09	2.378452
9.52E+09	1.470754
7.33E+09	1.721385
8.82E+09	2.781671
8.94E+09	2.253074
1E+08	1.617289
8.07E+09	1.229659
1.84E+09	3.520782
6.65E+09	2.840167
9.53E+09	2.198529
2.88E+09	2.341896
4.22E+09	2.66695
1.02E+09	4.389
6.4E+09	3.543262
5.02E+09	2.292667
8.08E+09	2.342727
7.97E+09	1.982004
1.96E+09	2.124597
7.22E+09	0.932614
2.74E+08	1.910156
2.71E+09	3.860441
4.08E+09	1.097197
3.03E+09	3.010343
7.86E+09	4.511613
8.71E+08	1.819092
8.02E+09	2.514378
2.63E+09	5.176021
2.32E+09	4.490665
5.45E+09	4.90666
1.82E+09	3.740835
2.46E+09	1.949927
6.68E+09	1.923235
2.42E+09	2.208193
1.25E+09	0.678053
5.59E+09	1.239991
2.02E+09	4.407404
4.3E+09	1.319642
1.33E+09	2.343489
3.44E+09	2.457573
5.45E+09	2.647376
1.23E+08	2.6193

8.69E+09	4.427259
6.45E+09	1.606883
1.14E+08	2.529882
9.21E+09	1.297471
4.27E+09	2.277725
7.2E+09	1.838985
5.21E+08	6.884748
6.3E+09	1.589266
1.43E+09	1.368767
1.02E+09	0.832441
1.43E+09	1.76397
9.16E+09	1.825105
1.93E+09	1.402304
7.85E+09	4.351717
5.32E+09	2.810277
4.08E+09	1.064017
9.48E+09	3.826671
4.46E+09	1.443508
4.23E+09	1.314134
3.85E+09	2.967601
1.84E+09	2.36947
3.81E+09	2.423335
7.14E+09	2.066831
1.23E+09	1.499394
5.1E+09	2.175824
3.72E+09	2.81912
8.65E+09	1.388177
6.14E+09	0.742597
23520380	2.082451
2.94E+09	2.427831
6.14E+09	4.602191
7.84E+09	2.515407
3.52E+09	2.807002
2.62E+09	2.530752
5.1E+09	2.446346
2.02E+09	2.605953
5.47E+09	3.358232
9.21E+09	1.568356
3.3E+09	1.085445
2.81E+09	1.083923
7.3E+09	4.223381
7.2E+09	1.913337
3.21E+09	1.911637
1.59E+09	2.541631
2.83E+09	1.557221
2.48E+09	2.886665
4.36E+09	2.44705

6.39E+09	2.973119
7.44E+09	1.778432
1.82E+09	4.470537
9.43E+09	2.348124
2.21E+09	1.585237
6.06E+09	1.399517
3.21E+09	2.320094
6.14E+09	2.032195
7.23E+08	2.400074
4.12E+09	2.067248
2.47E+09	3.311408
6.13E+09	2.910945
2.73E+09	0.913484
3.57E+09	2.654442
3.13E+09	1.924777
6.69E+08	3.142844
1.14E+09	0.738109
3.83E+09	3.161676
7.3E+09	3.320091
9.41E+09	1.805604
3.68E+09	1.43293
6.42E+08	2.602535
9.17E+09	1.826226
8.09E+09	2.570924
9.55E+09	1.643869
4.15E+09	0.977335
6.64E+09	2.59852
1.42E+09	2.59901
3.34E+09	1.764379
9.27E+09	0.734479
1.78E+09	1.325349
9.21E+09	1.992197
1.85E+09	3.741115
2.77E+09	1.392645
2.21E+09	1.328751
2.56E+09	3.054126
11520200	3.662389
3.83E+09	1.713774
2.57E+09	2.830462
5.23E+09	1.189686
6.45E+09	3.103631
5.04E+09	3.410734
7.85E+09	4.718929
5.41E+09	0.866198
7.2E+09	3.075605
4.3E+09	1.538243
7.94E+09	1.101372

3.63E+09	4.402542
1.42E+09	3.480981
5.25E+08	1.963429
3.31E+09	1.614907
2.19E+09	1.68568
7.98E+09	1.516651
4.03E+09	2.222542
1.76E+09	1.763102
2.75E+09	1.515349
3.22E+08	3.048055
1.9E+09	0.774822
3.36E+09	1.237973
1.6E+09	1.937613
9.42E+09	2.147654
7.79E+09	1.934101
1.57E+09	1.834541
3.86E+09	1.735635
2.52E+09	1.354497
3.01E+09	1.20003
4.19E+09	3.911752
9.41E+09	2.271407
3.9E+09	3.452506
9.51E+09	2.197792
3.37E+09	1.146984
3.43E+09	1.239589
4.25E+09	2.962131
2.77E+09	1.815963
2.92E+09	3.145907
9.18E+09	2.67944
5.28E+09	1.332654
3.91E+09	2.134735
2.46E+09	3.360574
3.35E+09	3.532886
1.87E+09	2.995839
9.26E+09	2.440553
3.45E+09	2.725752
2.31E+09	1.541852
7.52E+09	1.951326
9.37E+09	1.443353
1.14E+09	2.439276
2.02E+09	1.374944
2.14E+09	2.329358
9.54E+09	2.03157
2.42E+09	1.628642
5.21E+09	1.604124
4.44E+09	1.899757
7.29E+09	3.80903

9.83E+09	0.680396
3.28E+09	2.107156
6.93E+09	1.729493
7.51E+09	4.123861
6.82E+09	2.550958
8.96E+09	2.613488
6.82E+09	2.35968
1.23E+09	2.870942
2.81E+09	5.840383
1.72E+09	1.649428
6.38E+09	2.124779
8.93E+09	2.018071
8.56E+09	2.509363
8.65E+09	2.983601
2.13E+09	1.783543
8.81E+09	3.438222
6.65E+09	2.756599
4.02E+09	2.753251
1.16E+09	2.056745
6.06E+09	2.671578
3.36E+09	0.816538
9.56E+09	3.712913
7.31E+09	1.958846
7.14E+09	2.732242
7.85E+09	1.007457
1.31E+09	2.476749
2.84E+08	2.620133
1.51E+09	2.147219
3.44E+09	0.947973
9.41E+09	2.717056
5.1E+09	1.871522
8.92E+09	5.351755
8.09E+08	1.814153
2.29E+09	1.603347
6.44E+08	3.586658
6.7E+09	1.99282
5.63E+09	3.617671
1.05E+08	2.507839
6.41E+09	1.197541
2.56E+09	2.678432
1.47E+09	2.977966
8.91E+09	3.529147
5.65E+09	1.254712
7.85E+09	4.262954
6.16E+09	1.862214
5.22E+09	3.557821
6.35E+09	3.264478

3.91E+09	2.81797
8.83E+09	1.692588
5.47E+09	2.471142
9.41E+09	3.548921
1.09E+08	1.660317
2.03E+09	5.494211
1.94E+09	3.164645
7.52E+09	8.396161
3.76E+09	1.256576
2.47E+09	4.497448
7.63E+09	1.218406
9.48E+09	2.262491
1.73E+09	1.856263
7.01E+09	1.363571
5.56E+09	3.097532
3.97E+09	1.052073
8.1E+09	2.915595
2.03E+09	2.365672
9.85E+08	1.815848
1.78E+09	1.359232
8.85E+09	2.66752
2.32E+09	2.856936
2.42E+09	2.362325
7.13E+09	2.44068
9.51E+09	1.514534
7200179	1.071276
5.49E+09	2.568628
9.53E+09	3.436624
1.97E+09	1.560701
4.15E+09	1.625819
4.05E+09	1.981632
9.83E+09	2.515048
8.16E+09	3.124515
2.89E+09	1.369048
3.43E+09	3.520215
7.39E+09	2.171255
6.3E+09	0.483677
6.38E+08	1.852766
4.11E+09	4.623556
5.37E+08	1.253292
9.85E+08	2.620634
1.14E+09	3.693866
7.23E+09	1.092402
3.91E+09	1.897737
8.1E+09	2.737055
1.35E+09	9.408887
1.44E+09	0.792344

5.49E+09	2.236045
1.95E+09	2.942888
8.12E+09	1.996247
3.66E+09	2.213065
5.1E+09	2.266643
4.26E+08	2.760438
9.27E+09	1.865084
8.73E+09	2.146365
3.33E+09	1.43417
7.6E+09	2.861541
8.09E+08	1.571927
4.36E+09	0.814712
1.11E+09	0.89319
1.18E+09	1.817439
3.32E+09	1.533637
9.29E+09	6.455076
3.01E+08	1.868618
4.25E+08	2.798806
8.84E+09	2.333225
7.1E+09	0.927777
7.7E+09	1.392744
9.81E+09	3.699428
3.76E+09	2.20563
3.26E+08	3.229398
4.02E+09	2.487009
7.22E+09	1.307978
1.56E+09	2.909433
7.26E+08	2.820913
8.96E+09	5.558614
4.05E+09	4.083665
8.56E+09	5.291381
1.78E+09	1.605967
9.53E+09	3.599143
8.1E+09	1.556948
1.59E+09	1.451399
2.31E+09	1.886004
3.9E+09	2.776922
4.07E+09	1.841681
8.73E+09	1.981892
6.79E+09	1.96244
7.66E+09	1.377973
2.57E+09	4.439481
7.7E+09	2.011189
8.56E+09	2.912175
4.02E+09	2.104348
7.34E+09	3.125448
6.79E+09	1.833112

6.16E+08	2.361192
2.92E+09	1.72181
2.93E+09	3.134021
3.62E+09	2.478255
7.99E+09	2.827478
5.59E+09	2.411979
8.56E+08	2.602588
4.03E+09	2.627925
1.76E+09	1.666579
2.41E+09	4.137689
2.49E+09	1.791063
4.2E+08	1.406987
8.11E+09	3.580682
8.65E+09	2.275313
8.11E+09	3.272725
9.84E+09	1.889315
9.48E+09	1.852263
2.88E+09	0.927452
8.68E+08	4.455438
8.56E+09	3.667733
6.76E+09	1.57303
3.29E+09	0.885575
7.23E+09	1.599981
7.53E+09	2.661973
7.88E+09	5.600978
1.05E+08	2.770702
3.43E+09	3.568599
8.84E+09	8.278455
2.58E+09	3.903951
8.44E+08	2.126725
7.89E+09	2.231273
3.85E+09	3.904239
4.03E+09	3.048431
2.91E+08	1.648972
9.55E+09	1.964912
2.33E+09	2.149499
2.37E+09	1.880617
2.92E+09	1.971414
9.28E+09	2.370162
9.52E+09	3.048118
9.85E+08	1.672366
1.1E+09	1.485234
9.21E+09	3.539081
3.83E+09	4.063146
9.55E+09	2.495706
87000245	1.157016
5.04E+09	2.14708

3.62E+09	1.402321
1.37E+09	1.691162
7.22E+08	2.770172
9.13E+09	1.75227
1.77E+09	1.149249
4E+09	1.867435
7.21E+09	2.016058
2.47E+09	2.375217
1.82E+09	3.062537
3.08E+09	2.590949
9.84E+08	2.380015
5.24E+08	5.36759
9.48E+09	3.36407
8.02E+09	2.037731
8.57E+09	1.632364
1.22E+09	1.829989
2.21E+09	2.089959
1.28E+09	2.137877
7.38E+09	1.628
3.22E+08	2.23575
2.91E+08	1.675228
7.24E+08	3.563894
5.26E+09	2.301869
1.93E+09	1.026643
4.43E+09	1.531808
2.88E+09	1.622272
8.64E+09	0.942369
5.41E+09	3.306981
8.08E+09	3.28536
8.95E+09	1.79577
8.82E+09	2.891856
3.18E+09	2.498784
2.13E+09	1.364159
2.62E+09	2.353538
4.01E+09	3.289989
7.85E+09	3.186509
2.11E+09	1.631143
3.44E+09	1.047347
6.85E+09	3.32039
3.35E+09	2.262015
4.16E+09	3.874351
8.15E+09	2.028463
5.16E+09	2.27052
3.82E+09	1.733357
7.34E+09	1.531473
3.36E+09	3.051691
8.02E+09	2.674967

7.2E+09	3.903234
3.32E+09	2.204264
7.23E+09	0.899461
8.11E+09	6.896642
3.9E+09	4.16616
1E+09	1.516321
2.72E+09	1.390357
4.04E+09	1.851101
8.83E+09	1.327434
2.64E+09	2.569021
3.02E+08	1.069381
1.6E+09	2.05641
2.6E+09	2.760396
2.13E+09	1.504053
6.03E+08	2.738184
4.08E+09	3.053108
7.3E+09	4.056284
2.48E+09	2.855163
8.95E+09	1.705821
5.11E+09	2.871669
8.09E+09	2.309904
7.38E+09	1.689577
7.58E+09	2.743449
7.92E+09	1.836342
4.24E+09	1.242467
1.5E+09	3.500621
3.88E+09	2.538415
3.8E+09	0.813873
8.68E+08	3.533576
5.97E+08	1.828831
8.96E+09	3.346668
2.21E+09	1.846376
7.94E+09	1.050038
2.47E+09	2.480515
9.84E+09	1.542902
5.7E+09	5.303068
2.99E+09	1.692983
8.86E+09	2.248293
2.6E+09	2.030779
6.63E+09	3.737035
7.52E+09	1.469095
1.67E+09	2.091504
2.6E+09	1.66735
8.56E+09	3.303989
4.22E+09	3.974016
7E+09	2.582605
7.95E+09	2.213939

5.7E+09	6.44005
5.7E+09	2.720601
4.02E+09	2.673446
8.94E+09	1.564872
2.95E+09	5.739667
1.32E+09	1.970618
2.26E+09	2.380219
2.78E+09	3.053232
1.31E+09	4.068134
1.13E+09	7.203992
8.9E+09	1.370181
4.14E+09	4.010862
5.51E+09	1.524135
3.58E+09	2.472849
3.23E+09	1.505906
2.74E+08	3.965829
1.55E+09	1.468799
6.67E+09	2.934139
3.31E+09	1.416884
3.76E+09	4.530992
7.85E+09	4.241647
9.32E+09	2.788951
7.72E+09	2.214921
6.79E+09	2.551112
7.71E+09	1.641111
1.45E+09	2.009684
1.78E+09	0.971048
3.45E+09	3.428287
2.86E+09	3.177245
1.25E+09	4.309743
1.22E+09	2.661678
5.41E+09	3.563253
2.68E+09	2.396792
8.14E+09	1.414201
2.6E+09	2.106336
2.97E+09	2.066741
8.85E+09	3.769691
2.21E+09	1.328624
1.72E+09	1.571322
9.36E+09	1.069105
6.39E+09	1.722578
3.63E+09	1.716706
3.8E+09	3.322843
8.13E+09	3.138292
1.45E+09	1.282603
5.02E+09	4.797437
2.82E+09	3.528243

6.43E+09	1.389542
7.97E+09	2.339993
8.08E+09	2.908749
7.89E+09	1.081843
1.76E+09	3.988054
3.03E+09	4.901769
3.48E+09	2.117315
1.37E+09	1.561489
5.15E+09	2.174198
2.72E+09	2.627303
7.7E+09	2.27249
4.17E+09	2.000568
1.47E+09	1.514762
2.47E+09	1.896644
1.14E+09	2.363393
6.7E+09	2.835196
7.02E+09	1.745939
6.75E+09	3.45993
7.92E+09	2.188741
9.84E+08	2.334789
6.16E+09	2.484273
3.01E+09	1.320931
6.4E+09	1.386104
2.77E+09	0.881145
1.92E+09	1.205783
2.91E+08	1.608494
3.86E+09	1.524595
7.3E+09	1.468452
3.42E+09	1.709802
1.79E+09	2.99826
4.35E+09	1.596415
3.9E+09	4.743228
4.31E+09	2.866271
3.62E+09	4.1294
4.38E+09	3.203452
6.8E+09	3.35308
3.34E+09	3.17066
2.21E+09	1.12862
8.73E+09	3.112109
1.68E+09	1.427194
5.1E+09	1.16843
1.98E+09	1.868253
7.95E+08	1.294744
7.23E+09	2.275986
9.41E+09	2.174341
5.07E+09	3.910373
5.97E+08	1.494311

8.15E+09	0.875285
2.03E+09	1.46687
1.67E+09	1.37102
7.85E+09	6.284727
5.6E+09	4.099863
4.05E+09	1.984507
4.32E+09	1.992765
2.62E+09	3.032382
1.53E+09	4.446533
9.83E+09	1.757884
2.72E+09	3.833082
9.47E+09	1.269748
2.88E+09	2.190125
1.14E+09	3.36124
2.47E+09	3.142587
7.23E+08	1.38616
3.07E+09	3.169584
5.7E+09	4.17588
9.27E+09	1.572518
4.05E+09	2.521734
1.23E+09	4.38252
2.47E+09	3.355684
2.52E+09	1.088403
4.32E+09	1.155662
2.38E+08	3.368709
1.11E+09	2.079058
1.77E+09	1.31006
6.66E+08	2.222892
3.39E+09	1.598233
3.58E+09	3.629964
3.63E+09	3.573125
2.55E+08	2.118646
1.15E+09	0.922551
3.63E+09	5.101249
3.91E+09	2.298927
8.16E+09	1.62261
5.14E+09	2.940257
2.46E+09	1.926705
9.48E+09	1.682766
3.19E+08	2.02877
9.48E+09	1.768747
8.25E+08	4.052497
1.47E+09	3.947688
5.61E+09	2.90824
7.85E+09	2.852523
1.78E+09	2.573644
3.9E+09	3.235015

8.09E+09	2.911505
3.3E+09	1.474952
9.12E+09	2.693921
7.89E+09	1.953475
1.37E+09	1.830088
8E+09	2.222689
5.56E+09	4.750385
7.31E+09	4.063591
3.52E+09	0.89469
7.3E+09	2.844796
2.08E+08	3.729162
5.6E+09	1.667928
2.65E+09	2.75274
6.74E+09	4.525613
5.25E+08	5.71953
3.33E+09	1.232499
8.68E+09	3.173595
4.04E+09	2.986697
8.07E+09	2.274292
9.52E+09	3.423585
5.63E+09	4.619199
6.81E+09	0.949136
1.07E+09	3.229125
7.85E+09	3.608562
5.14E+09	0.857566
2.01E+09	2.069174
7.85E+09	7.240137
1.4E+09	1.994804
2.31E+09	2.625306
6.47E+08	2.00681
6.65E+09	1.839677
8.68E+09	2.196157
4.38E+09	2.349809
8.07E+09	3.015407
7.15E+09	1.154356
4.14E+09	1.828576
5.1E+09	1.263552
6.15E+09	4.214067
1.59E+09	2.513706
3.76E+09	4.669101
7.2E+09	4.284921
6.43E+08	1.636996
8.65E+09	3.298959
4.14E+09	2.98775
5.05E+09	2.670799
8.84E+09	1.754999
7.68E+09	2.148741

7.2E+09	2.774057
1.9E+09	0.910479
7.92E+09	2.24325
5.44E+09	3.237493
8.73E+09	2.267789
1.44E+09	3.129518
1.47E+09	3.169875
3.2E+09	1.441605
1.92E+09	3.395948
2.72E+09	1.80234
3.81E+09	2.375132
3.26E+08	3.115878
1.07E+09	2.320332
8.84E+09	5.943262
1.56E+09	2.799783
1.67E+09	3.357721
2.6E+09	3.406194
1.14E+09	2.489088
8.03E+09	1.429023
7.73E+09	2.797534
5.13E+09	2.906628
9.28E+09	2.11636
3.42E+08	1.364613
5.13E+09	3.113414
2.33E+09	2.650354
8.65E+09	0.940896
2.01E+08	1.533503
7.52E+09	2.458487
7.17E+09	1.067484
3.02E+09	1.369938
3.58E+09	5.20413
7.34E+09	1.630064
3.91E+09	2.250632
3.22E+09	2.476338
6.02E+09	1.110204
2.57E+09	2.519276
8.12E+09	1.821522
3.36E+09	2.346457
3.63E+09	3.127096
9.23E+08	1.967494
9.2E+09	3.101455
1.78E+09	2.968384
7.74E+09	8.040429
6.87E+08	3.022332
7.97E+09	2.338753
3.41E+09	2.782267
7.85E+09	3.340576

1.18E+09	4.805053
3.35E+09	2.374645
7.8E+09	1.597424
8.02E+09	2.81857
3.21E+09	2.091085
4.48E+09	2.350358
1.12E+09	3.630937
7.98E+09	1.130384
7.23E+09	2.95884
7.21E+09	2.916374
3.83E+09	1.059264
7.71E+09	4.276054
4.4E+09	2.42398
2.49E+09	2.839569
7.14E+09	1.792323
3.3E+09	3.738357
2.89E+09	2.138177
3.76E+09	2.456066
9.27E+09	2.135707
3.73E+09	0.978283
5.05E+09	3.614181
2.14E+09	3.578958
2.61E+09	2.422144
8.56E+09	1.769478
2.43E+09	3.06328
8.09E+09	2.036971
9.42E+09	2.493732
1.11E+09	4.685764
1.32E+09	1.925872
5.02E+09	2.928325
1.54E+09	2.440611
1.44E+09	2.670698
3.22E+09	3.737922
1.98E+09	2.329793
6.62E+09	1.433791
2.3E+09	10.65041
2.6E+08	2.179252
6.07E+09	2.289746
1.23E+08	1.803991
8.56E+09	1.379063
5.25E+09	2.6217
6.07E+09	2.305113
8.26E+08	1.607985
2.63E+09	4.239254
6.74E+09	4.215606
9.25E+09	3.69053
2.56E+09	1.715272

1.24E+09	1.652557
4.25E+08	5.253351
9.19E+09	7.121847
8.66E+09	1.846448
4.25E+09	1.524965
9.83E+09	1.599206
7.85E+09	2.198432
9.55E+09	1.292659
8.98E+08	1.800486
3.83E+09	1.281058
1.25E+09	2.667316
4.08E+09	2.251492
4.18E+09	2.859022
2.96E+09	2.724998
1.45E+09	2.054946
7.86E+09	2.514009
7.85E+09	3.921106
8.73E+09	2.556442
7.97E+09	3.006849
8.65E+09	3.033521
5.38E+09	1.773329
1.43E+09	1.644116
6.27E+08	3.356788
3.12E+09	3.272714
1.78E+09	3.079513
8.69E+09	2.984798
9.17E+09	2.597435
1E+08	1.75922
3.22E+09	4.804615
4.44E+09	1.796625
7.92E+09	4.462497
7.88E+09	3.699121
3.29E+09	2.271966
4.14E+09	5.904514
1.69E+09	2.95658
7.81E+09	1.812372
1.13E+09	2.277357
7.93E+08	1.687116
3.22E+09	3.270208
8.64E+09	3.149537
2.77E+09	3.757362
5.35E+09	1.077974
7.5E+09	1.979103
3.39E+09	3.779187
7.66E+09	1.936289
9.45E+09	3.746711
3.79E+09	1.390002

5.82E+08	2.287501
3.21E+09	2.749519
3.23E+08	1.431369
7.3E+09	1.386755
1.55E+09	1.544702
2.34E+09	0.995263
6.65E+09	2.477658
3.86E+09	5.079288
1.98E+09	2.818385
1.18E+09	2.691789
3.28E+09	2.467408
6.84E+09	2.042022
8.65E+09	1.329635
1.59E+09	1.432129
2.42E+09	0.913775
1.7E+09	1.093786
3.76E+09	2.429399
3.62E+09	1.453879
7.95E+09	2.294574
5.27E+09	2.057921
8.03E+09	2.166911
2.81E+08	5.015947
3.33E+09	1.00486
7.38E+09	2.325762
4.06E+09	2.7397
3.02E+08	1.168065
9.53E+09	3.071284
3.63E+09	1.517152
9.51E+09	2.318127
2.31E+09	2.552076
7.31E+09	2.997642
2.21E+09	1.602251
3.24E+08	4.592464
7.35E+09	1.94487
2.42E+09	2.61592
8.15E+09	1.494903
87000283	2.274329
7.94E+09	2.030454
2.62E+09	1.566448
2.24E+08	2.153064
7.13E+09	1.320498
7.35E+09	2.378716
6.16E+09	1.34907
3.53E+09	3.314109
1.69E+09	2.836002
4.14E+09	2.632487
1.82E+09	3.024872

5.47E+09	2.156596
9.33E+09	1.155366
2.41E+09	1.204501
5.47E+09	2.356252
3.03E+09	2.098524
1.52E+09	2.755223
3.88E+09	2.336246
8.83E+09	4.007555
9.24E+09	2.09481
4.14E+09	1.8013
9.28E+09	1.33913
5.38E+09	2.843115
2.46E+09	1.43919
4.44E+09	1.095408
1.55E+09	3.526134
7.55E+09	1.736341
9.83E+09	0.812954
6.35E+09	5.229391
7.13E+09	1.953534
4.3E+09	1.86441
2.45E+09	2.960941
5.17E+09	3.27419
1.09E+09	2.947357
1.12E+09	1.819517
8.57E+09	3.786271
1.77E+09	2.183557
9.49E+09	3.594701
6.87E+08	2.883615
4.02E+09	2.987718
6.05E+09	1.915841
3.44E+09	2.972287
3.76E+09	4.557888
1.65E+09	2.230948
8.1E+09	1.682983
7.64E+09	3.574529
3.46E+09	2.875286
2.03E+09	1.570976
2.62E+09	1.302483
3.35E+09	2.469798
6.63E+09	1.921815
2.6E+09	2.458398
9.41E+09	2.900627
3.2E+09	1.60897
1.84E+09	1.66801
4.14E+09	3.660016
8.56E+09	3.380042
1.34E+09	3.208513

4.06E+09	5.998182
4.61E+08	1.519269
3.12E+09	3.663171
6.82E+09	1.135679
1.19E+09	4.047851
3.45E+09	2.050267
3.11E+09	2.132085
1.44E+09	2.939132
3.65E+09	2.477613
4.34E+09	1.853399
2.11E+09	1.652252
6.38E+09	1.660444
9.21E+09	1.513273
4.23E+09	1.843242
1.03E+09	3.81199
7.77E+09	3.098836
1.23E+09	1.403548
8.16E+09	2.388306
7.94E+09	3.026833
2.43E+09	1.247779
4.04E+09	2.465834
2.33E+09	2.915431
7.97E+09	1.095913
6.86E+08	2.387275
4.02E+09	2.696971
3.83E+09	3.601716
3.53E+09	3.147323
7.95E+09	1.30128
1.39E+09	3.222596
9.83E+09	2.066312
6.15E+09	2.399665
6.89E+09	3.109344
9.17E+09	2.698553
65000260	4.05615
7.78E+09	3.873121
7.94E+09	1.734344
2.12E+09	1.196995
6E+09	0.643082
7.2E+09	4.959911
8.9E+09	2.193445
5.25E+09	1.369396
3.53E+09	1.248165
7.88E+09	1.327653
4.02E+09	2.565776
3.21E+09	1.903794
5.12E+09	3.610015
3.82E+09	1.889086

7.3E+09	2.293154
2.17E+09	2.948125
9.47E+09	4.521904
2.47E+09	3.245067
2.26E+09	1.213566
1.14E+09	1.838256
3.3E+09	0.895994
1.5E+09	1.019382
9.28E+09	1.516787
2.91E+09	3.396102
1.25E+09	2.407269
3.1E+09	0.997682
2.56E+09	2.34229
1.32E+09	0.812393
2.83E+09	1.800987
3.34E+09	3.795579
3.52E+09	2.549911
9.1E+09	4.52424
3.12E+09	1.701163
7.85E+09	3.253957
7.95E+09	2.387903
1.82E+09	0.71458
1.22E+09	1.905305
9.27E+09	2.778924
1.34E+09	2.956647
9.27E+09	1.786336
2.79E+09	1.653277
3.53E+09	2.451809
5.63E+09	2.810846
2.19E+09	1.814515
8.56E+09	4.394378
4.42E+09	2.379339
2.47E+09	1.871925
7.51E+09	1.943851
1.16E+09	1.783014
5.41E+09	1.570142
2.55E+08	2.39867
1.69E+09	3.054191
6.75E+09	0.939319
2.74E+09	2.864179
9.14E+09	2.752179
1.92E+09	3.199523
7.14E+08	1.973698
9.04E+08	2.59517
3.4E+09	1.53558
6.31E+09	2.589793
2.7E+09	1.359632

3.63E+09	1.103254
1.62E+09	1.117625
3.44E+09	1.792405
8.12E+09	1.77778
7.63E+09	3.516534
1.81E+09	2.976078
1.86E+09	2.381042
2.77E+09	1.611428
2.52E+09	3.354343
1.13E+09	4.802959
7.86E+09	3.122009
7.2E+09	2.099016
3.63E+09	3.881799
1.61E+09	1.202207
3.59E+09	3.120004
5.21E+09	0.988532
6.68E+09	1.713058
1.78E+09	1.466224
1.15E+09	4.387121
9.54E+09	3.697662
7.53E+09	3.754485
8.44E+08	3.837215
9.58E+09	2.91399
9.56E+09	2.20175
1.79E+09	1.388327
9.55E+09	1.461779
8.64E+09	2.008622
6.14E+09	2.266548
8.94E+09	4.224502
3.63E+09	1.821705
2.9E+09	2.09703
8.22E+08	3.348245
5.42E+09	1.887026
3.99E+09	1.704093
3.82E+09	2.83007
4.08E+09	2.522276
5.13E+09	2.421814
1.73E+09	4.077903
9.49E+09	2.726752
2.94E+08	3.748779
8.73E+09	2.989641
3.33E+09	1.08955
1.03E+09	4.28432
8.12E+09	2.269693
3.76E+09	1.956087
9.49E+09	1.493608
2.9E+09	1.394552

3.44E+09	3.793977
5.26E+09	2.492674
4.02E+09	2.907213
8.71E+08	2.631398
2.33E+09	1.084383
1.77E+09	0.872328
7.85E+09	5.04314
2.14E+09	2.51497
2.51E+09	2.492184
8.65E+09	2.497377
4.34E+09	1.801732
9.26E+09	1.945994
1.77E+09	1.09886
9.32E+09	2.394286
8.86E+09	2.201111
5.59E+09	1.396576
7.94E+09	2.904639
7.2E+09	2.926108
5.62E+09	2.267595
8.25E+08	5.449262
6.67E+09	3.025565
8.73E+09	2.942471
2.1E+09	2.668051
1.77E+09	1.621161
1.9E+09	2.170652
8.86E+09	1.924882
4.04E+09	2.731946
8.96E+09	2.832954
8.08E+09	5.041677
5.67E+08	2.080002
4.24E+08	3.519876
1.56E+09	4.189422
2.82E+09	1.828609
3.3E+09	4.140161
3.34E+09	0.75522
1.62E+09	2.054369
3.28E+09	1.759323
7.2E+09	1.884111
7.46E+08	4.462131
6.61E+09	1.482825
8.02E+09	0.911876
8.93E+09	1.800439
8.59E+08	1.904898
8.67E+09	1.225913
1.27E+09	4.570055
6.71E+09	3.564784
3.4E+09	1.89027

1.7E+09	1.21323
5.25E+09	2.042016
8.89E+09	1.273746
1.79E+09	1.781747
2.03E+09	1.51075
1.93E+09	3.284627
4.22E+09	2.940276
8.13E+09	2.791103
3.35E+09	3.95243
2.89E+09	1.006564
2.89E+09	0.903562
4.04E+09	2.807855
6.76E+09	3.004902
3.19E+09	1.068632
2.26E+08	6.121492
9.24E+09	1.044231
6.71E+09	2.521403
2.74E+09	2.296062
7.2E+09	3.571519
7.92E+09	2.644195
1.63E+08	1.165924
2.57E+09	2.00268
1.52E+09	1.981225
6.05E+09	1.470816
6.63E+09	3.654832
8.93E+09	2.746288
5.46E+09	2.465695
7.69E+09	0.972422
1.12E+09	2.75688
1.22E+08	2.487163
8.04E+09	1.791195
3.26E+09	3.384599
8.86E+09	2.257433
8.96E+09	2.271988
1.65E+09	1.464295
9.28E+09	2.253239
1.44E+09	2.756683
1.31E+09	2.505099
2.54E+08	1.316907
9.48E+09	2.4524
9.51E+09	2.512754
6.89E+09	3.166253
9.41E+09	1.965623
7.2E+09	4.590051
8.15E+09	2.777088
9.41E+09	1.873558
1.77E+09	1.331205

1.53E+09	4.554895
8.65E+09	2.151343
9.41E+09	2.120904
7.88E+09	0.676183
3.85E+09	3.046087
2.73E+09	1.701049
4.34E+09	1.20615
1.25E+09	3.767951
1.11E+09	1.28413
6.08E+09	1.210112
1.78E+09	2.916082
9.56E+09	2.89899
2.47E+09	2.019017
9.43E+08	1.588331
7.54E+09	1.089623
1.93E+09	1.924431
7.94E+09	1.265427
7.99E+09	0.974081
5.15E+09	5.098672
1.72E+09	1.173353
3.44E+09	0.888887
9.22E+09	0.936872
1.8E+09	2.070773
3.23E+08	2.247121
3.39E+09	1.399557
4.04E+09	3.17514
6.32E+09	1.082965
7.55E+09	2.325652
3.34E+09	4.460159
5.7E+09	3.516103
5.25E+09	2.938918
8.84E+09	2.162575
1.24E+09	4.216697
8.64E+09	1.986951
3.3E+09	2.243483
2.13E+09	2.271469
7.95E+09	2.830221
2.77E+09	1.851677
2.54E+09	3.100364
8.16E+09	2.730735
9.17E+08	1.376251
2.39E+09	0.859939
9.29E+09	2.445882
2.01E+09	1.87782
6.45E+09	1.659679
2.47E+09	2.094759
2.82E+09	4.558393

9.52E+08	1.218768
3.42E+09	2.644175
3.63E+09	4.529193
1.08E+09	1.772241
1.51E+09	3.195669
4.04E+09	1.616267
5.29E+09	2.883905
6.26E+08	4.157095
5.46E+09	4.561201
5E+09	1.491463
3.24E+08	1.577231
6.71E+09	1.878395
3.32E+09	1.781742
3.12E+09	4.622098
1.13E+09	7.901231
7.85E+09	2.666372
1.23E+08	1.084537
7.88E+09	1.519922
9.83E+09	1.271252
6.82E+09	2.51097
9.52E+09	1.960554
2.42E+09	1.593874
7.5E+09	3.645393
4.75E+08	1.49947
2.43E+09	4.387703
7.52E+09	0.700319
5.47E+09	1.328337
7.85E+09	2.403672
3.07E+09	2.395585
3.3E+09	2.567796
2.9E+09	2.531349
9.5E+09	1.788598
8.84E+09	1.076528
6.06E+09	1.409472
1.86E+09	2.991489
7.22E+09	1.276301
5.46E+09	2.749811
7.58E+09	1.71501
2.39E+09	2.079406
6.19E+09	3.977578
5.25E+09	2.503823
3.58E+09	0.959334
7.23E+09	1.121081
5.56E+09	2.107392
1.97E+09	1.476474
8.92E+08	0.8578
2.94E+09	2.425119

2.43E+09	3.207679
6.65E+09	1.787801
1.21E+08	2.947762
6.4E+09	2.390281
5.26E+08	1.139726
8.86E+09	2.203031
3.83E+09	1.492157
1.62E+09	2.65345
3.63E+09	3.973035
6.45E+09	3.096277
5.71E+09	2.612788
5.52E+09	1.331538
8.03E+09	2.729832
6.7E+09	1.934853
6.43E+08	3.409469
6.15E+09	1.721602
2.47E+09	2.879858
3.91E+09	2.696236
2.65E+09	2.12784
3.18E+09	1.815286
7.57E+09	3.871845
6.39E+09	2.425947
4.44E+09	1.426915
8.73E+09	2.507287
3.38E+09	1.804642
9.83E+09	1.916363
6.7E+09	2.997409
3.32E+09	3.79639
1.82E+09	4.990064
8.03E+09	3.503606
8.68E+09	2.980496
5.04E+09	3.972459
2.03E+09	1.665439
4.02E+09	3.53399
7.21E+09	2.794032
9.36E+08	2.638143
6.18E+09	2.957946
1.14E+09	2.947414
3.32E+09	1.464893
4.27E+09	2.046965
6.15E+09	1.494756
4.75E+08	1.231799
3.28E+09	2.000651
9.39E+09	2.184232
3.44E+09	2.201693
4.31E+09	2.575677
8.59E+09	1.17719

7.93E+08	1.572879
2.46E+09	1.76936
2.66E+09	1.394159
5.45E+09	2.892427
2.79E+09	2.140644
3.28E+09	0.938547
9.53E+09	2.226338
1.32E+09	1.16469
9.48E+09	1.795545
9.52E+09	2.021697
7.85E+09	2.422719
1.33E+09	3.157806
3.42E+09	4.439371
5.47E+09	2.199571
5.44E+09	2.602876
5.13E+09	2.59725
5.45E+09	1.337408
3.38E+09	1.490551
9.3E+09	2.385045
6.02E+09	2.550252
4.32E+09	2.288644
6.43E+08	1.943279
8.04E+09	5.297636
6.82E+09	1.709309
9.54E+09	2.450035
7.36E+08	3.947069
2.59E+09	3.669185
4.23E+09	5.113029
1.27E+09	1.583381
2.79E+09	2.161696
8.84E+09	1.772956
8.03E+09	2.205388
5.29E+09	2.011128
1.77E+09	1.729376
2.89E+09	2.047349
8.59E+09	2.224851
9.27E+09	1.533913
4.14E+09	4.189691
3.19E+09	1.948701
1.8E+09	1.926068
7.2E+09	2.089876
8.08E+09	2.472911
7.98E+09	1.384518
4.43E+09	1.808984
2.11E+09	1.32095
6.45E+09	3.07191
3.43E+09	2.603838

3.3E+09	2.041786
3.22E+09	1.95598
5.13E+09	2.031625
7.53E+09	1.46577
1.87E+09	3.255321
2.92E+09	1.03978
1.11E+09	2.016575
8.56E+09	3.557624
3.63E+09	3.472034
8.56E+08	6.395528
8.65E+09	1.161938
1.32E+09	3.256559
6.8E+09	1.988333
1.52E+09	1.904648
2.62E+09	1.847257
1.97E+09	2.339309
7.21E+09	1.12324
8.85E+09	1.025982
2.79E+09	3.309881
4.24E+09	1.309225
5.23E+09	3.31479
3.29E+09	2.392923
3.22E+08	4.53215
1.03E+09	2.395393
1.92E+09	1.921477
1.4E+09	2.711633
6.82E+09	1.331113
4.34E+08	2.452772
6.06E+09	1.893628
4.34E+09	1.772009
5.71E+09	3.771478
1.05E+09	0.882738
5.11E+09	2.433136
2.31E+09	3.24143
2.99E+09	1.137536
1.6E+09	1.35276
1.56E+09	2.453601
2.57E+08	1.160444
6.79E+09	2.114826
1.44E+09	2.48927
4.06E+09	4.118978
3.89E+09	3.222724
4.14E+09	5.575883
6.08E+09	2.311001
2.6E+08	1.4501
3.98E+09	0.716376
9.39E+09	1.269329

7.2E+09	1.700984
9.26E+09	2.063886
8.68E+09	1.708454
4.08E+09	3.784263
7.38E+09	2.502992
2.54E+08	2.281138
1.45E+09	1.146501
1.13E+09	2.32016
7.51E+09	3.303846
5.71E+09	2.828799
4.18E+09	2.732777
3.04E+09	1.758129
1.24E+09	0.971555
4.32E+08	2.327406
2.94E+09	4.930784
1.35E+09	1.124067
3.28E+09	1.708104
8.9E+09	4.702768
9.27E+09	2.032923
1.12E+09	5.36325
6.3E+08	4.172319
6.85E+09	1.954935
7.35E+09	1.946106
8.93E+09	1.940133
5.51E+09	3.235532
8.9E+09	1.501245
4.01E+09	2.156356
7.14E+09	1.719695
2.42E+09	1.560419
40000362	0.889581
1.66E+09	1.642167
2.12E+09	1.323569
1.89E+09	2.945892
6.84E+09	1.735715
1.31E+09	2.645048
3.6E+09	1.516095
8.14E+09	1.848889
8.86E+09	1.870337
6.24E+08	3.585292
2.77E+09	1.446359
4.05E+08	2.152792
6.12E+09	2.682334
8.96E+09	2.646524
1.52E+09	2.417571
6.84E+09	2.494099
3.33E+09	1.007387
1.86E+09	1.522894

9.56E+09	2.398691
1.31E+09	1.642158
5.1E+09	2.279767
5.22E+08	1.657982
3.45E+09	2.403293
1.31E+09	2.200239
5.65E+09	1.531293
1.85E+09	5.104841
8.13E+09	1.397313
6.35E+09	3.859174
3.75E+09	3.905645
1.96E+09	2.809513
1.77E+09	0.605449
8.9E+09	4.356876
1.31E+09	2.790418
8.09E+08	3.196559
2.62E+09	1.323823
9.19E+09	1.805626
6.6E+09	2.654369
8.15E+09	0.87016
9.56E+09	2.393871
4.04E+09	2.427118
2.88E+09	1.699619
4.04E+09	2.147743
8.67E+09	1.961885
7.11E+09	2.927873
3.28E+09	1.590288
9.55E+09	2.114328
8.82E+09	1.78447
6.74E+09	3.450729
8.73E+09	2.9343
9.53E+09	2.950992
7.75E+09	2.27461
3.82E+09	1.949897
2.77E+09	1.775586
1.08E+08	2.257644
8.44E+08	1.979121
6.82E+09	3.879785
4.45E+09	3.954168
8.6E+09	1.816776
5.07E+09	2.919473
7.13E+09	1.344313
3.83E+09	1.469508
4.14E+09	2.560067
3.02E+09	4.088489
7.22E+08	1.070004
3.92E+09	4.355369

2.47E+09	2.88836
2.2E+09	1.107123
9.27E+09	1.606648
9.29E+09	1.737588
2.02E+09	1.551304
3.24E+08	2.0253
3.81E+09	3.275274
7.7E+09	1.647196
8.73E+09	2.914159
8.04E+09	2.345461
6.12E+09	1.17774
1.45E+09	0.967635
5.79E+08	1.28416
2.46E+09	3.23821
5.02E+09	1.053404
1.19E+09	3.228174
4.04E+09	2.274191
1.56E+09	3.171857
6.6E+09	1.451441
6.43E+08	3.891454
1.04E+09	2.990424
7.81E+09	1.076466
7.01E+09	4.332777
8.68E+09	2.625944
2.72E+09	2.794017
7.91E+09	1.863476
2.71E+08	2.022944
3.26E+08	2.987004
8.68E+09	1.630618
1.07E+09	4.022266
8.65E+09	2.819865
2.7E+09	2.09514
8.56E+09	5.426157
1.53E+09	2.246285
1.82E+09	2.788287
2.77E+09	1.786516
3.43E+09	7.46343
9.52E+08	1.330616
7.63E+09	0.903208
9.82E+09	1.094498
2.82E+09	2.46477
1.78E+09	1.491157
6.37E+09	2.496385
2.94E+08	5.124511
1.34E+09	4.535659
2.77E+09	4.853786
3.91E+09	1.917585

7.79E+09	2.551154
7.71E+09	2.869586
4.02E+09	2.827796
1.91E+08	3.291374
7.85E+09	1.639767
3.29E+09	2.618907
2.6E+09	4.77235
6.17E+09	4.965036
2.77E+09	2.438949
8.1E+08	2.720928
6.39E+09	0.836655
1.87E+09	0.923252
1.57E+09	1.318249
5.25E+09	1.018822
1.34E+09	2.393708
6.18E+09	2.045916
9.26E+09	2.959567
9.12E+09	3.174566
4.43E+09	1.71643
7.33E+09	1.723503
4.25E+08	3.839113
7.44E+09	1.661829
1.25E+09	2.629497
1.31E+09	2.687297
4.05E+09	1.123694
9.1E+09	2.577907
2.29E+09	1.5842
3.88E+09	1.846334
7.13E+09	1.858138
7.85E+09	3.804752
7.41E+09	2.142816
5.25E+09	1.920021
1.26E+08	2.397429
6.63E+09	1.786261
3.83E+09	1.792127
8.02E+09	1.322846
3.34E+09	4.528579
6.43E+09	1.848827
9.23E+09	0.994479
3.06E+09	1.272042
5.1E+09	4.241426
3.66E+09	2.740224
2.9E+09	2.075369
7.45E+09	0.771565
4.04E+09	2.790547
7.81E+09	1.797907
8.09E+09	2.396348

3.44E+09	0.782685
6.39E+09	2.768074
7.96E+09	1.179906
1.78E+09	2.454501
1.76E+09	3.754545
6.6E+09	1.675653
8.73E+09	3.190162
8.16E+09	2.697793
9.17E+09	1.517371
1.78E+09	3.654151
1.25E+08	3.930381
7.56E+09	8.987351
1.7E+09	1.453554
3.34E+09	3.470937
5.1E+09	0.847302
5.55E+09	1.978866
1.71E+09	1.1653
6.3E+08	4.548826
4.1E+09	3.528388
7.89E+09	1.134695
4.14E+09	1.253176
6.65E+09	1.839283
8.2E+08	1.99171
6.15E+09	2.422672
7.45E+09	0.720324
8.68E+09	1.583328
1.57E+09	1.574416
1.18E+09	2.638562
1.11E+09	3.508878
3.1E+09	2.658202
8.68E+09	2.586457
4.03E+09	1.761367
1.62E+09	1.708029
1.09E+09	1.394924
7.51E+08	1.872653
6.68E+09	1.614635
2.19E+09	2.077539
5.22E+08	2.990257
3.2E+09	1.396631
5.1E+09	3.247781
7.52E+09	2.32491
2.95E+09	2.034152
7.63E+09	2.298072
3.53E+09	2.342651
3.89E+09	1.383893
5.46E+09	3.115831
4.12E+09	2.499717

4.04E+09	2.13758
8.08E+09	2.812215
1.73E+09	3.383777
6.86E+09	1.810281
3.36E+09	1.784665
5.42E+09	2.996556
3.11E+09	2.113464
2.6E+08	1.714923
1.97E+09	1.478134
5.1E+09	1.206281
1.42E+09	1.306015
3.63E+09	5.798959
7.85E+09	3.412339
1.2E+09	2.612915
7.2E+09	3.129052
9.41E+09	1.060594
9.51E+09	3.322276
1.33E+09	1.484629
3.89E+09	2.914568
7.13E+09	2.418997
7.57E+09	2.714198
3.74E+09	3.112443
2.61E+09	3.27658
7.2E+09	3.122638
3.9E+09	2.874666
11501160	3.60316
9.21E+09	1.498428
9.47E+09	3.26687
3.62E+09	4.373657
3.29E+09	3.370698
4.4E+09	2.180435
7.69E+09	1.992942
9.55E+09	2.846263
9.26E+09	2.16507
6.74E+09	3.400586
2.94E+08	3.904878
7.53E+09	2.338922
3.99E+09	1.324905
3.58E+09	2.17684
3.81E+09	0.615951
2.4E+09	3.060022
1.85E+09	3.767179
1.99E+09	3.194782
1.34E+09	2.142584
7.62E+09	1.943212
4.02E+09	3.934726
9.53E+09	1.942821

6.61E+09	3.596917
3.21E+09	1.198523
6.07E+09	5.966653
7.85E+09	2.979163
1.92E+09	1.333337
2.82E+09	2.899886
1.56E+09	2.556077
8.56E+09	2.202828
6.29E+08	3.471181
2.78E+09	1.552667
6.15E+09	1.198644
3.3E+09	2.786044
6.41E+09	1.391894
4.06E+09	3.357332
2.91E+08	2.909035
9.52E+09	2.372512
7.24E+08	3.774823
2.41E+09	2.41164
7.56E+09	3.054204
8.17E+09	1.901512
7.86E+09	3.759895
1.59E+09	0.843365
1.02E+09	3.100404
1.94E+09	3.444911
6.06E+09	2.044905
4.17E+09	1.964322
8.65E+09	1.694523
1.73E+08	1.571121
2.25E+08	1.707138
8.04E+09	5.341085
3.83E+09	1.873384
4.05E+09	8.063649
8.72E+09	3.943063
9.36E+09	1.802833
3.3E+09	0.756115
1.13E+09	4.007688
3.89E+09	1.533525
5.32E+09	3.875224
3.86E+09	2.570113
7.2E+09	3.799907
7.27E+09	2.753631
2.78E+09	2.395168
1.04E+09	3.945205
1.23E+08	0.641912
3.76E+09	3.807416
6.98E+09	3.978704
6.86E+08	2.947978

5.21E+09	2.219528
6.02E+09	2.565053
1.32E+09	2.199728
2.87E+09	3.719089
2.72E+09	2.281199
1.16E+09	3.444581
2.57E+09	1.920914
5.53E+09	1.283309
7.69E+09	0.799335
2.23E+09	3.492347
2.56E+09	2.32724
3.66E+09	2.902645
9.56E+09	2.048203
1.8E+09	3.751846
3.38E+09	1.790368
5.42E+09	2.389892
8.86E+09	1.541877
3.81E+09	2.103975
6.13E+09	2.286138
3E+09	1.55794
1.21E+09	0.856764
7.67E+08	1.753258
3.22E+09	1.070565
6.19E+08	2.490365
4.32E+09	1.482745
6.26E+08	2.782735
3.34E+09	2.140097
7.02E+09	2.072798
8.11E+09	3.955245
1.45E+09	4.373502
2.87E+09	3.576782
8.97E+09	2.682274
7.85E+09	3.628198
5.65E+09	2.63424
7.58E+09	4.381694
2.64E+09	2.802537
2.04E+08	2.13136
3E+09	2.667723
7.52E+09	1.406853
9.23E+08	3.834394
2.97E+09	1.222206
6.43E+09	4.053184
7.3E+09	1.58251
3.86E+09	5.090835
2.3E+09	4.468202
6.79E+09	3.35214
8.12E+09	2.734258

3.14E+09	2.182435
7.14E+09	2.711725
8.66E+09	2.425082
7.14E+09	1.645154
3.63E+09	1.887528
1.13E+09	4.80723
1.09E+09	2.420638
9.54E+09	1.262836
8.15E+09	2.895656
7.02E+09	1.63097
6.02E+09	2.829053
7.4E+09	1.388535
7.55E+09	2.026906
5.32E+09	2.061354
5.15E+09	2.734556
1.7E+09	1.151476
7.32E+09	3.249109
5.56E+09	2.946099
2.22E+09	2.49848
8.64E+09	2.712243
9.49E+09	3.558006
5.32E+09	1.915895
8.59E+09	1.42286
7.52E+09	1.867279
4.24E+09	0.762828
3.26E+08	3.311071
4.08E+09	4.234861
9.48E+09	1.588966
5.61E+09	4.482235
4.14E+09	2.51484
5.25E+09	1.931225
9.26E+09	1.975639
5.44E+09	1.183738
2.01E+08	2.371899
9.41E+09	1.727273
1.26E+08	2.062131
6.14E+09	2.018956
3.01E+09	1.22492
3.27E+09	2.349781
3.02E+09	2.376619
9.54E+09	2.807838
2.77E+09	3.175948
3.82E+09	2.886487
1.73E+09	1.159321
7.33E+09	1.407906
1.19E+09	1.261641
2.47E+09	1.596773

9.56E+09	3.623245
3.44E+09	2.022574
9.41E+09	1.772601
1.37E+09	2.111942
5.7E+09	2.803714
6.84E+09	3.674291
5.41E+09	4.932317
5.06E+09	1.118921
5.25E+08	4.736801
2.12E+09	1.232061
3.18E+09	1.741317
2.78E+09	2.217567
1.55E+09	1.781304
5.7E+09	1.812132
9.21E+09	3.939737
7.13E+09	1.115242
6.8E+09	1.746739
3.3E+09	3.093644
2.62E+09	2.39655
1.05E+08	1.271823
2.92E+09	2.711501
1.78E+09	3.7413
8.11E+09	1.655807
2.01E+09	4.459081
7.53E+09	3.045078
2.92E+09	1.414893
7.7E+09	2.102042
7.87E+09	2.566362
7.22E+09	1.726232
6.3E+09	2.433666
7.16E+09	7.568437
8.95E+09	2.697606
3.89E+09	1.008357
6.35E+08	2.787555
2.32E+09	3.098462
2.76E+09	1.409272
3.43E+09	1.295988
5.7E+09	1.955717
7.59E+09	0.550196
9.18E+09	2.530594
9.83E+09	2.528068
8.56E+09	1.431309
9.83E+09	2.676529
7.5E+09	3.045314
2.77E+09	1.178326
1.25E+09	2.010665
2.47E+09	3.267539

1.43E+09	2.245756
7.59E+09	1.439498
6.84E+09	1.43101
9.83E+09	1.594831
8.94E+09	1.617522
6.79E+09	3.619092
2.3E+09	2.685569
7.98E+09	1.674999
4.04E+09	1.371892
9.84E+08	2.446904
2.94E+09	4.375799
8.73E+09	2.096839
1.45E+09	1.393947
9.52E+08	2.916454
1.4E+09	3.398065
2.49E+09	1.612533
8.11E+09	2.453315
8.68E+09	2.770797
8.09E+08	2.253329
4.05E+09	3.075189
2.99E+09	2.003661
9.46E+09	1.048521
5.1E+09	1.965633
9.41E+09	2.41854
2.11E+09	3.836297
1.85E+09	3.54025
2.62E+09	4.477575
3.65E+09	2.23611
1.43E+09	2.049995
9.53E+09	3.431617
6.74E+09	2.549677
9.29E+09	2.129906
2.11E+09	1.612085
7.85E+09	5.346313
8.68E+08	2.891119
1.45E+09	1.681981
9.11E+09	1.443634
8.86E+09	2.511632
2.33E+09	2.15802
3.03E+09	2.874179
7.58E+09	4.777902
2.42E+09	0.943291
9.27E+09	1.53564
1.77E+09	2.302934
9.5E+09	2.495268
7.31E+09	1.760839
3.34E+09	1.690875

5.68E+09	3.495628
9.81E+09	3.08509
8.81E+09	2.621603
3.82E+09	2.806725
3.42E+09	4.105423
3.94E+09	2.020251
5.24E+08	2.546948
4.31E+09	3.626518
1.26E+09	1.833231
8.54E+08	6.644075
2.42E+09	6.799039
5.21E+09	2.517514
2.66E+09	0.748443
3.06E+09	1.839543
3.57E+08	2.009472
5.67E+09	1.250719
4.17E+09	1.83426
9.19E+09	2.573192
2.96E+09	1.428812
1.02E+09	1.17999
7.75E+09	1.077991
7.15E+09	4.129062
4.41E+09	1.204807
6.3E+08	5.266857
2.03E+09	1.025633
6.12E+09	5.574117
3.38E+09	2.081255
2.47E+09	3.04137
7.21E+09	2.626496
1.77E+09	1.395088
5.13E+09	2.016561
6.67E+09	2.560914
5.47E+09	2.878101
7.82E+09	1.906964
3.79E+09	2.281915
6.36E+09	1.478021
5.97E+08	1.384649
8.03E+09	2.130927
9.3E+09	2.880149
8.9E+09	2.082307
6.61E+09	1.754527
2.16E+09	2.369696
7.73E+09	3.288965
3.86E+09	1.705478
2.56E+09	2.518704
4.39E+09	5.74883
7.4E+09	2.041195