COVID Data Tracker

Cases 27,600,391 +0.2% | Deaths 56.3M +0.0% | Tests 486,466 +0.0%

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COVID Data Tracker Weekly Review

Your Community

Vaccinations

Cases & Deaths

Cases and Deaths by State

Daily and Total Trends

State Trend Comparison

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Global Percent Change

Global Trends

Demographic Trends

Healthcare Systems

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Compare Trends in COVID-19 Cases and Deaths in the US

Reported on the CDC by Sex or Gender, Race and Ethnicity, Age, and Vaccination Status, updated daily by 4 pm ET

View: Cases | Deaths

Measure: Cases | Deaths

Metric: Raw Totals | Per 100K | Per 100K Rolling 7-Day Average

Date: Cumulative | Logarithmic

Select up to 6 states or territories:

California × | Florida × | North Carolina × | New York NYC × | New York Upst × | Texas ×

☐ Show Full US Data (available only in logarithmic scale)

Cumulative cases of COVID-19, reported to CDC, in CA, FL, NC, NY NYC, NY Upst, and TX

Cumulative cases (per 100K) by number of days since 3 total cases (per 100K)

Number of days since 3 total cases (per 100K) first reached

Download Chart

Data Table for Cumulative cases (per 100K)

CSV | Updated Feb 17 2021 1:00PM

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Day	CA	FL	NC	NY*	NYC**	TX
0	0.847	0.847	0.847	0.847	0.847	0.847
1	0.4429	0.9075	0.3814	1.4605	1.1311	1.7485
2	0.4429	0.9075	0.3814	1.4605	1.1311	1.7485
3	0.4429	0.9075	0.5249	1.4712	1.1364	1.7485
4	0.7671	2.1746	1.3962	2.8133	2.3029	2.4609
5	0.9286	2.4192	1.6104	3.3133	2.7029	2.9609
6	1.1901	3.4192	2.1347	4.3133	3.7029	3.9609
7	1.5084	5.3125	2.8318	5.8205	4.2158	5.3606
8	1.9555	6.3637	3.7968	6.6946	4.7288	6.7803
9	2.4853	8.6446	4.8855	15.2241	61.3306	8.8013
10	3.2182	10.8255	6.1979	17.7241	63.8306	11.3013
11	4.0511	13.0064	7.2845	20.4982	66.5047	13.9754
12	4.5252	18.0512	8.9149	25.1076	156.2019	19.7947
13	5.2581	23.0961	10.5453	29.7170	160.8113	25.6141
14	6.1910	28.1409	12.1757	37.3422	168.4365	31.2334
15	7.5347	35.2173	14.2629	117.1988	275.1929	37.0527
16	9.3334	42.2937	16.3501	126.1988	284.1929	42.8721
17	11.971	46.4701	17.7058	174.0147	341.9088	48.7914
18	14.6087	50.6465	19.0615	222.8306	399.6247	54.7107
19	17.2464	54.8229	20.4172	232.8801	409.6742	60.6301
20	17.4857	55.0462	24.647	252.7272	497.3476	65.2609
21	17.7251	55.2695	28.8768	272.5743	585.0211	69.8917
22	18.0644	55.4928	33.1066	328.1195	672.6945	74.5225
23	23.2512	75.9293	32.6606	397.8076	676.2071	86.5502
24	28.4379	96.3658	32.2146	411.6309	679.7197	98.5779
25	30.4362	81.3279	37.2013	455.8919	775.8851	50.6457
26	32.4345	66.2901	42.1879	500.1529	871.9505	102.7135
27	36.4309	71.4523	47.1746	519.3137	891.1113	104.7813
28	40.4521	94.0541	45.9188	559.91	973.9944	106.8491
29	44.4733	116.6559	44.6631	600.5063	1056.8775	108.9169
30	46.5176	139.2577	43.4073	641.1026	1139.7606	111.0847
31	49.281	155.5088	50.5268	706.7520	1176.5078	107.1667
32	52.0445	171.7599	57.6464	772.4013	1213.2551	103.2487
33	55.1576	173.4848	59.7628	793.2521	1271.7729	112.642
34	58.2707	175.2097	61.8792	813.9029	1330.2907	122.0353
35	59.6601	177.5133	64.4922	834.5538	1388.8085	131.4286
36	61.8138	126.3029	66.2752	863.6491	1399.792	81.9875
37	63.9675	75.0925	68.0582	892.7444	1410.7755	32.5464
38	65.6096	76.1175	69.5164	928.1195	1429.4006	33.7813
39	75.3014	138.3151	70.7536	994.9921	1545.5256	90.2576
40	85.0931	200.5126	82.2171	1061.8647	1661.6506	146.7339
41	78.4011	142.8456	84.1908	1091.4281	1648.2814	96.8035
42	71.7091	85.1786	86.1645	1121.0915	1634.9122	46.8731
43	65.0171	90.4117	91.2215	1208.2737	1748.0993	48.9409
44	58.3251	95.6447	95.9785	1295.4559	1861.2864	51.0088
45	51.7331	100.8778	100.7355	1382.6381	1974.4735	53.0766
46	56.7113	102.1152	108.7341	1176.0316	1858.6154	118.7134
47	61.6895	103.3526	116.7326	1169.5906	1872.7573	184.3502
48	113.9673	171.7919	112.9663	1288.9915	1993.4385	125.2939
49	166.2451	240.2312	109.1999	1408.3924	2114.1197	66.2376
50	218.5229	308.6705	105.4336	1527.7933	2234.8009	107.6813
51	127.6619	190.7621	127.7554	1253.9697	1966.9965	137.4998
52	36.8009	72.8537	150.0772	980.1461	1699.1921	167.3183
53	36.7399	73.1377	151.1967	1044.428	2128.8187	197.1368
54	53.395	91.928	152.3161	1305.3044	2186.7763	172.1348
55	69.9501	110.7183	153.4356	1566.1808	2244.7339	147.1328
56	111.9443	129.5086	154.5551	1827.0572	2302.6915	122.1308
57	175.5963	216.2332	191.3773	1278.2413	2205.162	184.5351
58	239.2483	302.9578	191.9532	1387.7304	2318.1604	247.0394
59	185.148	221.6342	191.8604	1376.5398	2226.6191	159.7803
60	131.0477	140.3106	191.7676	1365.3492	2135.0778	72.5212
61	76.9474	59.0869	226.1262	1354.1586	2043.5365	85.2621
62	139.5307	155.3915	259.6464	1424.9721	2275.0177	196.754
63	202.1139	251.6961	293.1666	1495.7856	2506.4989	308.2459
64	251.9119	328.2008	326.6868	1566.5991	2737.9801	419.7378
65	212.7367	243.2984	276.1705	1543.9025	2296.2563	274.9932
66	173.5615	158.3961	225.6542	1521.2059	1854.5325	130.2486
67	223.6396	241.7294	234.6035	1462.4599	2393.6757	223.7539
68	273.7177	325.0627	243.5528	1403.7139	2932.8189	317.3592
69	317.5846	408.3961	252.5021	1345.9679	3472.0621	410.9645
70	361.4515	491.7294	261.4514	1288.2219	4011.3053	504.5698
71	317.6194	396.5455	258.4578	1340.4759	4054.8927	579.6925
72	273.7873	301.3616	255.4642	1392.7299	4098.4801	654.8152
73	229.9552	206.1777	252.4706	1445.0839	4141.9675	729.9379
74	186.1231	110.9938	249.4770	1497.3379	4185.4549	805.0606
75	142.2910	15.8099	246.4834	1549.5919	4228.9423	880.1833
76	98.4589	151.3260	243.4898	1601.8459	4272.4297	955.3060
77	54.6268	286.8421	240.4962	1654.0999	4315.9171	1030.4287
78	10.7947	422.3582	237.5026	1706.3539	4359.4045	1105.5514
79	33.6427	557.8743	234.5090	1758.6079	4402.8919	1180.6741
80	56.4907	693.3904	231.5154	1810.8619	4446.3793	1255.7968
81	79.3387	828.9065	228.5218	1863.1159	4489.8667	1330.9195
82	102.1867	964.4226	225.5282	1915.3699	4533.3541	1406.0422
83	124.9347	1099.9387	222.5346	1967.6239	4576.8415	1481.1649
84	147.6827	1235.4548	219.5410	2019.8779	4620.3289	1556.2876
85	170.4307	1370.9709	216.5474	2072.1319	4663.8163	1631.4103
86	193.1787	1506.4870	213.5538	2124.3859	4707.3037	1706.5330
87	215.9267	1641.9031	210.5602	2176.6399	4750.7911	1781.6557
88	238.6747	1777.4192	207.5666	2228.8939	4794.2785	1856.7784
89	261.4227	1912.9353	204.5730	2281.1479	4837.7659	1931.9011
90	284.1707	2048.4514	201.5794	2333.4019	4881.2533	2007.0238
91	306.9187	2183.9675	198.5858	2385.6559	4924.7407	2082.1465
92	329.6667	2319.4836	195.5922	2437.9099	4968.2281	2157.2692
93	352.4147	2454.9997	192.5986	2490.1639	5011.7155	2232.3919
94	375.1627	2590.5158	189.605	2542.4179	5055.2029	2307.5146
95	397.9107	2726.0319	186.6114	2594.6719	5098.6903	2382.6373
96	420.6587	2861.5480	183.6178	2646.9259	5142.1777	2457.7600
97	443.4067	2997.0641	180.6242	2699.1799	5185.6651	2532.8827
98	466.1547	3132.5802	177.6306	2751.4339	5229.1525	2607.9054
99	488.9027	3268.0963	174.637	2803.6879	5272.6399	2683.0281
100	511.6507	3403.6124	171.6434	2855.9419	5316.1273	2758.1508
101	534.3987	3539.1285	168.6498	2908.1959	5359.6147	2833.2735
102	557.1467	3674.6446	165.6562	2960.4499	5403.1021	2908.3962
103	579.8947	3810.1607	162.6626	3012.7039	5446.5895	2983.5189
104	602.6427	3945.6768	159.669	3065.0579	5490.0769	3058.6416
105	625.3907	4081.1929	156.6754	3117.3119	5533.5643	3133.7643
106	648.1387	4216.7090	153.6818	3169.5659	5577.0517	3208.8870
107	670.8867	4352.2251	150.6882	3221.8199	5620.5391	3283.9097
108	693.6347	4487.7412	147.6946	3274.0739	5664.0265	3359.0324
109	716.3827	4623.2573	144.701	3326.3279	5707.5139	3434.1551
110	739.1307	4758.7734	141.7074	3378.5819	5751.0013	3509.2778
111	761.8787	4894.2895	138.7138	3430.8359	5794.4887	3584.4005
112	784.6267	5029.8056	135.7202	3483.0899	5837.9761	3659.5232
113	807.3747	5165.3217	132.7266	3535.3439	5881.4635	3734.6459
114	830.1227	5300.8378	129.733	3587.5979	5924.9509	3809.7686
115	852.8707	5436.3539	126.7394	3639.8519	5968.4383	3884.8913
116	875.6187	5571.8700	123.7458	3692.1059	6011.9257	3959.9140
117	898.3667	5707.3861	120.7522	3744.3599	6055.4131	4035.0367
118	921.1147	5842.9022	117.7586	3796.6139	6098.9005	4110.1594
119	943.8627	5978.4183	114.765	3848.8679	6142.3879	4185.2821
120	966.6108	6113.9344	111.7714	3901.1219	6185.8753	4260.4048
121	989.3588	6249.4505	108.7778	3953.3759	6229.3627	4335.5275
122	1012.1068	6384.9666	105.7842	4005.6299	6272.8501	4410.6502
123	1034.8548	6520.4827	102.7906	4057.8839	6316.3375	4485.7729
124	1057.6028	6655.9988	99.797	4110.1379	6359.8249	4560.8956
125	1080.3508	6791.5149	96.8034	4162.3919	6403.3123	4636.0183
126	1103.0988	6927.0310	93.8098	4214.6459	6446.7997	4711.1410
127	1125.8468	7062.5471	90.8162	4266.8999	6490.2871	4786.2637
128	1148.5948	7198.0632	87.8226	4319.1539	6533.7745	4861.3864
129	1171.3428	7333.5793	84.829	4371.4079	6577.2619	4936.5091
130	1194.0908	7469.0954	81.8354	4423.6619	6620.7493	5011.6318
131	1216.8388	7604.6115	78.8418	4475.9159	6664.2367	5086.7545
132	1239.5868	7740.1276	75.8482	4528.1699	6707.7241	5161.8772
133	1262.3348	7875.6437	72.8546	4580.4239	6751.2115	5236.9999
134	1285.0828	8011.1598	69.861	4632.6779	6794.6989	5312.1226
135	1307.8308	8146.6759	66.8674	4684.9319	6838.1863	5387.2453
136	1330.5788	8282.1920	63.8738	4737.1859	6881.6737	5462.3680
137	1353.3268	8417.7081	60.8802	4789.4399	6925.1611	5537.4907
138	1376.0748	8553.2242	57.8866	4841.6939	6968.6485	5612.6134
139	1398.8228	8688.7403	54.893	4893.9479	7012.1359	5687.7361
140	1421.5708	8824.2564	51.8994	4946.2019	7055.6233	5762.8588
141	1444.3188	8959.7725	48.9058	4998.4559	7099.1107	5837.9815
142	1467.0668	9095.2886	45.9122	5050.7099	7142.5981	5913.1042
143	1489.8148	9230.8047	42.9186	5103.0639	7186.0855	5988.2269
144	1512.5628	9366.3208	39.925	5155.3179	7229.5729	6063.3496
145	1535.3108	9501.8369	36.9314	5207.5719	7273.0603	6138.4723
146	1558.0588	9637.3530	33.9378	5259.8259	7316.5477	6213.5950
147	1580.8068	9772.8691	30.9442	5312.0799	7360.0351	6288.7177
148	1603.5548	9908.3852	27.9506	5364.3339	7403.5225	6363.8404
149	1626.3028	10043.9013	24.957	5416.5879	7447.0099	6438.9631
150	1649.0508	10179.4174	21.9634	5468.8419	7490.4973	6514.0858
151	1671.7988	10314.9335	18.9698	5521.0959	7533.9847	6589.2085
152	1694.5468	10450.4496	15.9762	5573.3499	7577.4721	6664.3312
153	1717.2948	10585.9657	12.9826	5625.6039	7620.9595	6739.4539
154	1740.0428	10721.4818	9.989	5677.8579	7664.4469	6814.5766
155	1762.7908	10856.9979	6.9954	5730.1119	7707.9343	6889.6993
156	1785.5388	10992.5140	4.0018	5782.3659	7751.4217	6964.8220
157	1808.2868	11128.0301	1.0082	5834.6199	7794.9091	7039.9447
158	1831.0348	11263.5462	1.0146	5886.8739	7838.3965	7115.0674
159	1853.7828	11399.0623	1.0210	5939.1279	7881.8839	7190.1901
160	1876.5308	11534.5784	1.0274	5991.3819	7925.3713	7265.3128
161	1899.2788	11670.0945	1.0338	6043.6359	7968.8587	7340.4355
162	1922.0268	11805.6106	1.0402	6095.8899	7012.3461	7415.5582
163	1944.7748	11941.1267	1.0466	6148.1439	7055.8335	7490.6809
164	1967.5228	12076.6428	1.0530	6200.3979	7099.3209	7565.8036
165	1990.2708	12212.1589	1.0594	6252.6519	7142.8083	7640.9263
166	2013.0188	12347.6750	1.0658	6304.9059	7186.2957	7716.0490
167	2035.7668	12483.1911	1.0722	6357.1599	7229.7831	7791.1717
168	2058.5148	12618.7072	1.0786	6409.4139	7273.2705	7866.2944
169	2081.2628	12754.2233	1.0850	6461.6679	7316.7579	7941.4171
170	2104.0108	12889.7394	1.0914	6513.9219	7360.2453	8016.5398
171	2126.7588	12025.2555	1.0978	6566.1759	7403.7327	8091.6625
172	2149.5068	12160.7716	1.1042	6618.4299	7447.2201	8166.7852
173	2172.2548	12296.2877	1.1106	6670.6839	7490.7075	8241.9079
174	2195.0028	12431.8038	1.1170	6722.9379	7534.1949	8317.0306
175	2217.7508	12567.3199	1.1234	6775.1919	7577.6823	8392.1533
176	2240.4988	12702.8360	1.1298	6827.4459	7621.1697	8467.2760
177	2263.2468	12838.3521	1.1362	6879.6999	7664.6571	8542.3987
178	2285.9948	12973.8682	1.1426	6931.9539	7708.1445	8617.5214
179	2308.7428	13109.3843	1.1490	6984.2079	7751.6319	8692.6441
180	2331.4908	13244.9004	1.1554	7036.4619	7795.1193	8767.7668
181	2354.2388	13380.4165	1.1618	7088.7159	7838.6067	8842.8895
182	2376.9868	13515.9326	1.1682	7141.0699	7882.0941	8917.9122
183	2399.7348	13651.4487	1.1746	7193.3239	7925.5815	8993.0349
184	2422.4828	13786.9648	1.1810	7245.5779	7969.0689	9068.1576
185	2445.2308	13922.4809	1.1874	7297.8319	7012.5563	9143.2803
186	2467.9788	14057.9970	1.1938	7350.0859	7056.0437	9218.4030
187	2490.7268	14193.5131	1.1002	7402.3399	7099.5311	9293.5257
188	2513.4748	14329.0292	1.1066	7454.5939	7143.0185	9368.6484
189	2536.2228	14464.5453	1.1130	7506.8479	7186.5059	9443.7711
190	2558.9708	14600.0614	1.1194	7559.1019	7230.0933	9518.8938
191	2581.7188	14735.5775	1.1258	7611.3559	7273.5807	9594.0165
192	2604.4668	14871.0936	1.1322	7663.6099	7317.0681	9669.1392
193	2627.2148	15006.6097	1.1386	7715.8639	7360.5555	9744.2619
194	2649.9628	15142.1258	1.1450	7768.1179	7404.0429	9819.3846
195	2672.7108	15277.6419	1.1514	7820.3719	7447.5303	9894.5073
196	2695.4588	15413.1580	1.1578	7872.6259	7491.0177	9969.6300
197	2718.2068	15548.6741	1.1642	7924.8799	7534.5051	10044.7527
198	2740.9548	15684.1902	1.1706	7977.1339	7578.0925	10119.8754
199	2763.7028	15819.7063	1.1770	8029.3879	7621.6799	10194.9981
200	2786.4508	15955.2224	1.1834	8081.6419	7665.1673	10270.1208
201	2809.1988	16090.7385	1.1898	8133.8959	7708.6547	10345.2435
202	2831.9468	16226.2546	1.1962	8186.1499	7752.1421	10420.3662
203	2854.6948	16361.7707	1.1026	8238.4039	7795.6295	10495.4889
204	2877.4428	16497.2868	1.1090	8290.6579	7839.1169	10570.6116
205	2900.1908	16632.8029	1.1154	8342.9119	7882.6043	10645.7343
206	2922.9388	16768.3190	1.1218	8395.1659	7926.0917	10720.8570
207	2945.6868	16903.8351	1.1282	8447.4199	7969.5791	10795.9797
208	2968.4348	17039.3512	1.1346	8499.6739	7013.0665	10871.1024
209	2991.1828	17174.8673	1.1410	8551.9279	7056.5539	10946.2251
210	3013.9308	17310.3834	1.1474	8604.1819	7100.0413	11021.3478
211	3036.6788	17445.8995	1.1538	8656.4359	7143.5287	11096.4705
212	3059.4268	17581.4156	1.1602	8708.6899	7187.0161	11171.5932
213	3082.1748	17716.9317	1.1666	8760.9439	7230.5035	11246.7159
214	3104.9228	17852.4478	1.1730	8813.1979	7274.0909	11321.8386
215	3127.6708	17987.9639	1.1794	8865.4519	7317.6783	11396.9613
216	3150.4188	18123.4800	1.1858	8917.7059	7361.2657	11472.0840
217	3173.1668	18258.9961	1.1922	8969.9599	7404.8531	11547.2067
218	3195.9148	18394.5122	1.1986	9022.2139	7448.4405	11622.3294
219	3218.6628	18530.0283	1.2050	9074.4679	7491.9279	11697.4521
220	3241.4108	18665.5444	1.2114	9126.7219	7535.4153	11772.5748
221	3264.1588	18801.0605	1.2178	9179.0759	7578.9027	11847.6975
222	3286.9068	18936.5766	1.2242	9231.3299	7622.3901	11922.8202
223	3309.6548	19072.0927	1.2306	9283.5839	7665.8775	11997.9429
224	3332.4028	19207.6088	1.2370	9335.8379	7709.3649	12073.0656
225	3355.1508	19343.1249	1.2434	9388.0919	7752.8523	12148.1883
226	3377.8988	19478.6410	1.2498	9440.3459	7796.3397	12223.3110
227	3400.6468	19614.1571	1.2562	9492.5999	7839.8271	12298.4337
228	3423.3948	19749.6732	1.2626	9544.8539	7883.3145	12373.5564
229	3446.1428	19885.1893	1.2690	9597.1079	7926.8019	12448.6791
230	3468.8908	20020.7054	1.2754	9649.3619	7970.2893	12523.8018
231	3491.6388	20156.2215	1.2818	9701.6159	7013.7767	12598.9245
232	3514.3868	20291.7376	1.2882	9753.8699	7057.2641	12674.0472
233	3537.1348	20427.2537	1.2946	9806.1239	7100.7515	12749.1699
234	3559.8828	20562.7698	1.2010	9858.3779	7144.2389	12824.2926
235	3582.6308	20698.2859	1.2074	9910.6319	7187.7263	12899.4153
236	3605.3788	20833.8020	1.2138	9962.8859	7231.2137	12974.5380
237	3628.1268	20969.3181	1.2202	10015.1399	7274.7011	13049.6607
238	3650.8748	21104.8342	1.2266	10067.3939	7318.1885	13124.7834
239	3673.6228	21240.3503	1.2330	10119.6479	7361.6759	13199.9061
240	3696.3708	21375.8664	1.2394	10171.9019	7405.1633	13275.0288
241	3719.1188	21511.3825	1.2458	10224.1559	7448.6507	13350.1515
242	3741.8668	21646.8986	1.2522	10276.4099	7492.1381	13425.2742
243	3764.6148	21782.4147	1.2586	10328.6639	7535.6255	13500.3969
244	3787.3628	21917.9308	1.2650	10380.9179	7579.1129	13575.5196
245	3810.1108	22053.4469	1.2714	10433.1719	7622.6003	13650.6423
246	3832.8588	22188.9630	1.2778	10485.4259	7666.0877	13725.7650
247	3855.6068	22324.4791	1.2842	10537.6799	7709.5751	13800.8877
248	3878.3548	22459.9952	1.2906	10589.9339	7753.0625	13875.9104
249	3901.1028	22595.5113	1.2970	10642.1879	7796.5499	13951.0331
250	3923.8508	22731.0274	1.2034	10694.4419	7840.0373	14026.1558
251	3946.5988	22866.5435	1.2098	10746.6959	7883.5247	14101.2785
252	3969.3468	23002.0596	1.2162	10798.9499	7927.0121	14176.4012
253	3992.0948	23137.5757	1.2226	10851.2039	7970.4995	14251.5239
254	4014.8428	23273.0918	1.2290	10903.4579	7013.9869	14326.6466
255	4037.5908	23408.6079	1.2354	10955.7119	7057.4743	14401.7693
256	4060.3388	23544.1240	1.2418	11007.9659	7100.9617	14476.8920
257	4083.0868	23679.6401	1.2482	11060.2199	7144.4491	14552.0147
258	4105.8348	23815.1562	1.2546	11112.4739	7187.9365	14627.1374
259	4128.5828	23950.6723	1.2610	11164.7279	7231.4239	14702.2601
260	4151.3308	24086.1884	1.2674	11216.9819	7274.9113	14777.3828
261	4174.0788	24221.7045	1.2738	11269.2359	7318.3987	14852.5055
262	4196.8268	24357.2206	1.2802	11321.4899	7361.8861	14927.6282
263	4219.5748	24492.7367	1.2866	11373.7439	7405.3735	15002.7509
264	4242.3228	24628.2528	1.2930	11426.0979	7448.8609	15077.8736
265	4265.0708	24763.7689	1.2994	11478.3519	7492.3483	15152.9963
266	4287.8188	24899.2850	1.3058	11530.6059	7535.8357	15228.1190
267	4310.5668	25034.8011	1.3122	11582.8599	7579.3231	15303.2417
268	4333.3148	25170.3172	1.3186	11635.1139	7622.8105	15378.3644
269	4356.0628	25305.8333	1.3250	11687.3679	7666.2979	15453.4871
270	4378.8108	25441.3494	1.3314	11739.6219	7709.7853	15528.6098
271	4401.5588	25576.8655	1.3378	11791.8759	7753.2727	15603.7325
272	4424.3068	25712.3816	1.3442	11844.1299	7796.7601	15678.8552
273	4447.0548	25847.8977	1.3506	11896.3839	7840.2475	15753.9779
274	4469.8028	25983.4138	1.3570	11948.6379	7883.7349	15829.1006
275	4492.5508	26118.9299	1.3634	12000.8919	7927.2223	15904.2233
276	4515.2988	26254.4460	1.3698	12053.1459	7970.7097	15979.3460
277	4538.0468	26389.9621	1.3762	12105.3999	7014.1971	16054.4687
278	4560.7948	26525.4782	1.3826	12157.6539	7057.6845	16129.5914
279	4583.5428	26660.9943	1.3890	12209.9079	7101.1719	16204.7141
280	4606.2908	26796.5104	1.3954	12262.1619	7144.6593	16279.8368
281	4629.0388	26931.9265	1.3018	12314.4159	7188.1467	16354.9595
282	4651.7868	27067.4426	1.3082	12366.6699	7231.6341	16430.0822
283	4674.5348	27202.9587	1.3146	12418.9239	7275.1215	16505.2049
284	4697.2828	27338.4748	1.3210	12471.1779	7318.6089	16580.3276
285	4720.0308	27473.9909	1.3274	12523.4319	7362.0963	16655.4503
286	4742.7788	27609.5070	1.3338	12575.6859	7405.5837	16730.5730
287	4765.5268	27745.0231	1.3402	12627.9399	7449.0711	16805.6957
288	4788.2748	27880.5392	1.3466	12680.1939	7492.5585	16880.8184
289	4811.0228	28016.0553	1.3530	12732.4479	7536.0459	16955.9411
290	4833.7708	28151.5714	1.3594	12784.7019	7579.5333	17031.0638
291	4856.5188	28287.0875	1.3658	12836.9559	7623.0207	17106.1865