COVID Data Tracker

Cases in US: 25,456,670 (+0.0%)
Cases in CA: 2,596,179 (+0.0%)
Total Vaccines Administered: 26.2M
Deaths in US: 427,626 (+0.0%)
Deaths in CA: 38,016 (+0.0%)

Data Tracker Home
Your Community
Cases & Deaths
Cases and Deaths by State
Daily and Total Tests
State Trend Comparison
Global Counts and Rates
Global Percent Change
Global Trends
Demographic Trends
Healthcare Systems
Testing and Seroprevalence
People at Increased Risk
COVID-19 Home

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

Reported rate (7d), by Date or Territory, Maps, charts, and data provided by the CDC, updated daily by 8 pm ET

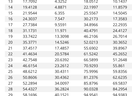
View: Cases / Deaths
Measure: Reported Rate / Cumulative
Metric: Raw / Per 100K
Scale: Linear / Logarithmic

Select up to 4 states or territories:
Arizona ✕ California ✕ Florida ✕ Georgia ✕ New York* ✕ Texas ✕

Show Full US Data (available only in logarithmic scale)

Cumulative cases of Covid-19, reported to CDC, in AZ, CA, FL, GA, NY, and TX

Cumulative cases per 100K, by number of days since 1 total case per 100K (not population)



Download Chart

Data Table for Cumulative cases per 100K:

Download Table

CDC | Updated Jan 28 2021 11:59PM

Day	AZ	CA	FL	GA	NY*	TX
1	0.0545	0.3447	0.6411	0.518	1.4293	1.35
2	0.0816	0.4429	0.9879	0.6208	1.4858	1.7488
3	1.4288	0.5609	1.921	1.0831	2.0805	1.7485
4	2.0381	0.6681	1.8298	1.3092	2.4352	1.9165
5	3.4759	0.7871	2.3746	1.7989	2.8123	2.4659
6	3.9128	0.9092	3.1207	2.3166	3.3547	3.0188
7	5.5092	1.1313	4.3627	2.9564	4.4053	4.0149
8	6.9793	1.5084	5.3125	3.5602	6.6035	5.3698
9	9.1362	2.0501	6.2927	4.6403	8.5484	7.0653
10	10.62	2.4853	8.6648	5.7924	15.2241	8.8013
11	12.6429	3.002	10.9967	7.1292	19.6221	11.2
12	15.8957	3.8823	14.2799	8.3622	37.495	13.2837
13	18.4158	4.7396	17.7148	10.3448	51.7	16.4
14	19.4549	4.8871	22.1997	11.8579	62.3226	19.5
15	21.9564	6.355	25.5567	14.5045	97.3422	18.3819
16	24.2439	7.547	29.9969	17.3103	127.8	21.9
17	27.7384	9.5591	34.8966	22.2505	143.5122	23.493
18	31.7419	11.3008	40.2109	26.7069	159.6	26.6
19	33.7423	13.3908	46.2106	29.7514	204.0516	29.6
20	35.3771	14.5246	52.6213	36.3652	232.885	32.2563
21	38.6969	16.5	59.1	43.1	252.8	35.2884
22	41.4634	20.5784	61.5242	49.2652	295.4807	40.2505
23	42.1864	25.2	66.5899	55.4	329.4	45.2
24	46.6154	29.2212	70.9293	59.867	367.9876	46.9032
25	51.4	32.8	76.4	64.2	388.3	50.3
26	53.9836	36.4	82.9	69.2	408.5	54.2
27	52.2894	34.0097	85.4796	69.5651	492.877	53.4283
28	54.2	36.2834	90.0358	74.2	554.2284	57.2
29	56.1696	40.1521	94.9561	94.1583	559.9	59.9585
30	60.6	43.9	99.9	99.9	583.3014	63.3
31	64.9218	46.8239	107.8051	105.9	606.1	66.9
32	67.718	49.281	105.5698	113.455	706.7529	67.1661
33	69.9	52.1737	112.0508	114.6934	747.9	69.7
34	72.1418	55.1576	115.4044	125.1622	773.2921	72.662
35	74.9	56.5707	119.1859	131.8	798.1	75.6
36	79.2585	59.3653	122.1874	136.5725	829.8919	78.6528
37	81.4	61.9	125.9	141.2	854.3	81.3
38	83.2799	64.2635	129.3993	145.6993	880.9	84.3
39	85.0587	69.6696	134.2925	160.7545	907.3876	87.3032
40	92.6	73.3074	138.3	166.2	933.2	90.1
41	95.4564	73.3014	139.6609	173.4508	980.1161	93.3029
42	97.9	76.4	143.4	179.1	1,016.9	96.4
43	99.8156	80.139	145.6815	187.4	1,049.1	99.4
44	109.3874	89.5834	148.5063	196.4518	1038.377	105.3667
45	114.9	94.5758	151.4	205.1	1,063.4	111.1
46	118.7022	99.3465	156.8601	209.3669	1095.6042	115.5005
47	123.5053	104.1121	161.4	213.9	1149.6	119.6
48	127.8385	106.7113	165.1752	219.1492	1176.8316	118.7334
49	131.4	109.1	169.1	223.4	1,203.1	122.1
50	134.9	111.9	171.7918	228.1	1,229.4	126.2000
51	144.6134	117.6851	174.3154	237.7319	1219.8387	130.5703
52	150.176	122.8	179.7367	246.3	1,238.3	134.9
53	152.7604	127.6619	180.7925	250.1266	1253.9037	137.4988
54	156.3	132.1004	182.5	253.9	1,269.4	139.9
55	161.2372	135.6949	186.249	259.8926	1285.2842	146.2218
56	165.7	139.3	189.9	265.9	1,301.1	152.5
57	174.1241	142.2648	193.7	271.9	1,330.4	155.8773
58	180.9247	148.8527	195.1928	280.8497	1317.3976	162.0885
59	187.2	155.4	197.1	289.9	1,304.7	164.7
60	191.4761	158.2059	201.1851	288.8648	1344.428	167.9307
61	195.7	160.9	205.3	287.8	1,384.2	171.1
62	200.1177	168.7575	208.6895	301.4285	1,423.9	174.3
63	204.6652	171.9443	212.257	306.6179	1372.2349	180.2601
64	208.2	175.3963	216.2332	311.9	1,319.5	186.2
65	214.4534	180.5681	218.5755	316.9878	1387.7364	187.9888
66	220.5548	185.168	221.6264	322.1771	1397.6969	189.5
67	224.4764	189.6525	226.69	328.0645	1406.2291	193.5303
68	228.3	194.1	231.7	333.9	1,414.8	197.5
69	236.2344	199.5267	235.3963	339.7	1,423.4	201.5
70	237.1572	203.5573	236.8959	347.4984	1430.5372	206.1524
71	244.6463	207.4	238.9	355.1	1438.3	210.8
72	253.6848	212.7567	242.2984	361.2553	1445.7051	214.8892
73	261.4	218.1	245.7	367.3	1,453.1	218.9
74	270.8	223.8284	247.2984	373.4	1,460.5	223.1
75	276.4636	229.2194	247.2979	387.0954	1411.3955	226.5774
76	281.4	234.6843	251.2987	387.0954	1411.3955	229.5774
77	305.3148	239.3133	254.9803	395.3125	1483.8152	241.1377
78	313.9	244.8776	258.6	403.5	1,506.3	246.9000
79	334.2897	250.5348	260.7199	409.8929	1492.5354	253.6871
80	343.4	256.2	262.8	416.3	1,478.7	260.4
81	364.4195	262.5012	271.3	422.7	1,465.1	267.2
82	380.2593	270.4935	279.5364	429.5958	1509.8311	266.4275
83	386.7000	279.8	287.9	436.4	1,554.8	265.7
84	410.1272	286.0026	290.6879	443.4127	1539.2206	281.3607
85	423.3	292.2	293.4	450.4	1,523.6	296.9
86	452.25	297.8499	300.0849	456.6999	1508.0127	312.5
87	473.4076	303.215	306.4	466.9	1535.5222	302.9879
88	496.8351	309.0495	314.0794	477.2	1,563.0	293.4
89	504.7784	318.5212	322.8556	477.0661	1545.0736	321.4457
90	521.3	326.6204	333.7	487.1	1547.9667	349.2
91	562.2419	332.2553	342.9132	496.7594	1550.872	344.3627
92	583.4	337.9	352.1	506.4	1,553.8	339.5
93	601.4	344.6851	361.7621	516.1	1,556.8	371.1524
94	684.159	352.561	375.6262	517.7516	1559.2756	384.8857
95	719.7669	359.3394	390.4242	519.3	1562.7532	398.6
96	749.5599	368.6024	408.0644	530.6196	1566.1885	415.5279
97	779.4	378.1	425.7	541.9	1,569.6	432.4
98	808.3	388.3	443.3	553.2	1,573.0	449.3
99	865.5493	398.6192	464.5653	564.5326	1573.8303	474.6329
100	915.6565	407.3844	481.4203	571.7877	1577.6479	499.9
101	962.4086	417.7144	496.9937	583.701	1578.498	512.9108
102	1015.2697	419.6401	530.1853	595.6145	1579.3154	525.9216
103	1032.9814	428.4878	561.3908	601.1214	1584.9296	551.7542
104	1052.8	437.3	592.6	606.6	1,590.5	577.6
105	1113.3518	455.6242	623.7	612.1	1,596.1	603.4
106	1201.1045	463.3326	669.5338	655.8936	1592.3291	632.9389
107	1268.3	472.3	697.3	677.3	1,588.5	662.4
108	1299.0359	494.9623	727.6744	691.8628	1598.5435	673.3356
109	1329.7	517.6	757.9	706.4	1,608.6	684.2
110	1389.6809	522.4535	818.1401	750.6624	1605.5641	705.6
111	1443.8534	534.627	877.1	794.9	1,602.8	727.0
112	1485.1429	546.5641	917.6827	839.2	1,600.1	748.4
113	1554.8914	564.1153	946.9154	867.9323	1612.646	828.0866
114	1605.1	584.8283	977.1	896.6	1,625.1	907.8
115	1647.6851	607.9655	1026.5327	857.4962	1619.6746	951.0568
116	1689.4	631.1	1076.1	818.3	1,614.2	994.3
117	1731.2	654.2	1125.7	779.1	1,608.7	1037.6
118	1750.8843	658.4145	1168.5775	918.6222	1629.7155	973.8107
119	1804.0212	687.5041	1229.6405	1058.1	1650.8	910.0
120	1849.4056	703.6079	1297.4841	984.1842	1635.0254	1060.7438
121	1893.7	719.8	1365.3	910.3	1,619.2	1212.5
122	1938.1	736.0	1433.1	836.5	1,603.4	1364.3
123	1973.2049	751.7198	1490.7969	884.1904	1645.401	1487.7
124	1996.3	767.4	1548.4	931.8	1,687.4	1611.1
125	2042.7089	811.9108	1551.3795	1144.515	1652.2668	1712.2491
126	2083.3	856.8	1554.3	1357.2	1,617.1	1813.4
127	2101.2444	851.6554	1557.0801	1216.4919	1660.4442	1275.4402
128	2119.1	846.5	1559.8	1075.8	1,703.8	736.9
129	2159.2	901.4275	1546.4257	1126.3	1,747.3	1198.4
130	2225.8593	926.7197	1792.9775	1335.9646	1671.8238	1330.958
131	2275.5	949.9011	1858.6	1545.6	1,596.1	1463.5
132	2279.75	973.6025	1907.0212	1392.3892	1676.989	1390.9114
133	2346.5	997.3	1955.4	1239.2	1,757.6	1318.3
134	2366.5399	1054.2972	1991.293	1460.6463	1683.5533	1451.5421
135	2386.3	1111.3	2027.2	1682.1	1,609.5	1584.7
136	2406.1	1168.3	2077.7975	1903.6	1,635.4	1718.0
137	2451.7019	1151.7795	2123.6176	1586.6274	1693.9047	1524.4927
138	2462.1	1135.2	2169.4	1269.5	1,752.4	1330.9
139	2479.3013	1148.1485	2209.6279	1641.4247	1700.3906	1386.5425
140	2492.9	1161.1	2249.8	2013.3	1,648.3	1442.1
141	2502.9882	1174.0715	2290.1	2384.7919	1,596.2	1497.7
142	2542.3849	1202.9316	2289.6872	1755.8498	1710.0425	1660.5221
143	2558.8614	1229.7188	2288.8	1126.9	1,724.1	1823.4
144	2568.0762	1249.2203	2350.1937	1345.5314	1717.4963	1692.7128
145	2582.1	1268.7	2385.8214	1564.1	1,710.9	1562.0
146	2592.9882	1288.675	2425.0586	1585.2597	1733.8098	1747.9034
147	2612.7	1308.6	2464.3	1606.4	1,757.3	1933.8
148	2632.2997	1318.6878	2484.2849	1627.5542	1770.8003	2119.6
149	2633.9944	1327.9992	2500.1749	1979.389	1733.5798	1623.8384
150	2650.3	1337.3	2516.1	2331.2	1,696.9	1127.9
151	2658.9419	1362.6368	2566.5274	2060.6611	1740.2737	1872.5073
152	2667.5	1388.0	2616.9	1790.1	1,783.6	2617.1
153	2677.3463	1403.5021	2634.2611	2519.4	1746.0969	2617.4464
154	2686.636	1422.1194	2641.6889	2151.0022	1748.2611	1940.1342
155	2696.2	1440.7	2649.2	1782.6	1,750.4	1262.8
156	2705.1333	1483.2271	2671.6548	2213.5804	1754.6565	1976.6221
157	2713.9	1525.8	2694.1	2644.6	1,758.9	2691.3
158	2727.6747	1521.2381	2711.6377	2275.8818	1760.6178	2001.6804
159	2741.4	1516.7	2729.2	1907.1	1,762.3	1312.0
160	2757.2	1573.6879	2752.8842	2327.9	1,764.1	2042.1
161	2760.3043	1589.6601	2766.9908	2342.4993	1768.0806	2061.4549
162	2763.4	1605.7	2781.1	2357.3	1,772.0	2080.9
163	2766.7771	1616.7934	2789.7539	2365.2016	1774.675	2091.7799
164	2770.1	1627.9	2798.4	2373.1	1,777.3	2102.6
165	2773.7	1639.1	2807.1	2381.1	1,780.0	2113.4
166	2772.9475	1662.5933	2835.8388	2468.5745	1784.9601	2129.5093
167	2772.2	1685.9	2864.5	2556.0	1,789.9	2145.6
168	2787.0434	1693.7326	2862.2861	2515.0547	1789.3654	2156.4753
169	2802.1	1701.5	2859.9	2474.1	1,788.8	2167.3
170	2812.6878	1719.7561	2856.8401	2566.1227	1795.7337	2191.0526
171	2823.3	1737.9	2853.7	2658.2	1,802.7	2214.7
172	2832.6	1756.2	2850.6	2750.3	1,809.7	2238.4
173	2829.4745	1756.0	2847.5732	2628.2178	1806.5796	2213.3868
174	2827.3	1755.8	2844.5	2506.1	1,803.4	2188.3
175	2837.6377	1781.3563	2847.9647	2668.0768	1811.8615	2241.039
176	2848.3	1806.9	2851.4	2830.0	1,820.3	2293.7
177	2859.1	1832.1	2854.9	2992.1	1,828.8	2346.4
178	2859.45	1815.0763	2860.09	2749.1941	1827.2313	2274.2334
179	2864.9	1797.9	2871.9	2506.3	1,825.6	2202.1
180	2867.697	1840.5418	3030.6824	2777.3877	1836.8309	2306.3483
181	2870.4	1883.2	3189.4	3048.4	1,848.0	2410.6
182	2883.8462	1860.7786	3056.5837	2801.6	1843.6223	2341.8877
183	2897.3	1838.3	2923.8	2554.8	1,839.2	2273.2
184	2903.2	1815.8	2791.1	2308.0	1,834.8	2204.5
185	2933.9099	1880.0991	3088.0969	2768.2528	1853.7446	2274.5924
186	2964.8	1944.3	3385.2	3228.5	1,872.7	2344.9
187	2943.52	1898.901	3118.038	2897.4451	1864.1835	2470.0501
188	2922.2	1853.5	2850.9	2566.4	1,855.6	2595.2
189	2911.1	1817.8311	2746.4866	2235.3	1,847.1	2720.4
190	2905.5326	1853.4883	2755.7866	2955.0235	1875.5732	2496.6327
191	2900.1	1889.1	2765.2	3675.2	1,904.1	2272.8
192	2979.9041	1939.1493	2777.1038	2995.4208	1884.2833	2535.298
193	3059.2847	1948.3363	2788.6667	2315.6176	1864.4628	2797.7633
194	2988.3014	1959.2252	3001.7153	3025.8204	1850.7952	2563.4124
195	2917.3	1970.1	3215.3	3736.0	1,837.1	2329.0
196	2909.9888	1979.96	3223.6000	3550.2509	1833.9966	2346.7
197	3011.6846	1985.0161	3230.42	3364.1966	1903.4243	2407.2867
198	3017.9	1990.2	3237.2	3178.1	1,973.8	2467.4
199	3027.9924	2001.0011	3250.1143	2996.0115	1911.7103	2461.389
200	3038.1	2011.8	3263.0	2813.9	1,849.6	2455.4
201	3048.2	2020.25	3274.1549	2631.8	1,837.5	2449.4801
202	3049.0813	2030.5122	3286.836	3131.1082	1824.1565	2481.6885
203	3049.9	2040.8	3299.5	3630.4	1,810.8	2513.9
204	3069.236	2043.6816	3301.819	3161.9443	1934.2969	2573.1436
205	3078.6191	2046.5	3304.1	2693.5	2058.0	2632.4
206	3090.9019	2059.3206	3323.9163	3191.2075	1948.9882	2703.0789
207	3103.2	2072.1	3343.7	3688.9	1,839.9	2773.7
208	3115.5	2084.9	3363.5	3186.6	1,830.9	2844.4
209	3115.07	2084.948	3363.51	3225.0858	1875.4843	2776.5392
210	3127.4	2097.8	3383.3	3263.5	1,920.0	2708.6
211	3142.0967	2096.7208	3384.5931	3300.6311	1985.1425	2813.0823
212	3156.8	2095.6	3385.9	3337.8	2,049.3	2917.5
213	3171.4	2094.5	3387.2	3375.0	2,113.5	3022.0
214	3175.4833	2112.7964	3425.3376	3394.5224	2176.5763	2867.3955
215	3179.6	2131.1	3463.5	3414.0	2,239.7	2712.8
216	3200.2481	2142.575	3459.4799	3331.9573	2325.5612	2892.8557
217	3220.9	2151.309	3455.9	3249.9	2,412.2	3072.9
218	3227.2995	2157.3323	3479.8721	3295.2803	2098.9852	2936.8723
219	3233.6	2163.4	3503.8	3340.6	1,785.7	2800.8
220	3239.9	2169.5	3527.8	3386.0	1,472.4	2664.8
221	3272.0964	2180.2733	3530.6646	3414.3936	2064.073	2990.1365
222	3304.3	2187.8167	3533.5	3442.8	2,655.7	3315.4
223	3296.9651	2195.06	3567.9838	3436.8896	2079.8995	3034.8931
224	3289.6	2202.3	3602.4	3430.9	1,504.1	2754.4
225	3331.2563	2211.7665	3594.3944	3466.8918	2092.9571	3081.3632
226	3372.9	2221.2	3586.4	3502.9	2,681.5	3408.3
227	3414.5	2230.6	3578.5	3539.0	3,270.1	3735.3
228	3399.9536	2244.5333	3651.8326	3530.4329	2122.3697	3308.4579
229	3409.1	2258.5	3725.1	3521.8	2,174.9	2881.6
230	3432.7108	2272.7878	3687.5324	3555.8709	2143.0394	3442.789
231	3456.3	2286.9	3649.9	3589.9	2,111.1	4003.9
232	3479.9	2301.1	3612.3	3624.0	2,079.2	3565.1
233	3500.123	2299.6276	3752.3693	3620.9634	2172.176	3542.4997
234	3520.3	2298.2	3892.4	3617.9	2,265.1	3519.2
235	3561.9464	2320.5933	3901.0356	3663.7233	2197.423	3583.1434
236	3603.6	2342.9	3909.7	3709.5	2,129.7	3647.1
237	3615.1034	2344.3951	3845.4501	3696.0197	2221.4758	3673.1706
238	3626.5	2345.9	3781.2	3682.5	2,313.2	3699.2
239	3640.3	2347.4	3717.0	3669.0	2,405.0	3725.3
240	3703.6335	2379.06	3914.8283	3758.1934	2256.3299	3926.5439
241	3767.3	2410.7	4112.6	3847.3	2,107.6	4127.8
242	3784.1284	2407.0861	3966.8836	3833.6461	2201.8343	3849.6157
243	3800.9	2403.4	3821.2	3819.9	2,296.0	3571.4
244	3840.4543	2444.8808	3810.4878	3854.8777	2390.2	3642.5
245	3880.4492	2459.6212	4063.7894	3872.7194	2350.1528	3984.4521
246	3920.4	2474.3	4317.1	3890.6	2,310.3	4326.3
247	4007.2195	2492.0147	4318.7999	3920.132	2403.0348	4092.8109
248	4093.9	2509.8	4320.5	3949.7	2,495.7	3859.3
249	4117.051	2527.0712	4136.1311	3983.1228	2463.7533	4142.8539
250	4140.2	2544.3	3951.8	4016.5	2,431.8	4426.4
251	4170.4	2579.829	4273.3938	4049.9	2,399.9	4709.9
252	4210.9763	2604.8522	4594.988	4055.3249	2535.9804	4315.5957
253	4251.6	2629.9	4315.6	4060.7	2,672.1	3921.2
254	4277.6671	2651.8098	4371.1775	4117.3456	2596.6866	4344.2619
255	4303.7	2673.7	4426.7	4173.9	2,520.3	4766.9
256	4329.8	4473.3	4482.2	4230.5	2,444.0	5189.6
257	4349.0158	2725.8748	4487.2342	4287.1	2,367.7	4612.3
258	4369.2	2750.8545	4487.2292	4343.7	2,291.4	4034.9
259	4404.9369	2810.1937	4548.6356	4400.4625	2365.5499	4472.9526
260	4440.7	2869.5	4610.1	4457.2	2,439.7	4911.0
261	4477.3	2928.8	4671.6	4514.0	2,513.9	5349.1
262	4513.9	2988.1	4733.1	4570.8	2,588.1	5787.2
263	4550.6	3047.4	4794.6	4627.6	2,662.3	6225.3
264	5026.2977	2994.8501	4760.0639	4422.1277	2960.3124	4884.5235
265	5501.9	3034.3	4807.5456	4216.7	3,003.3154	4091.2169
266	5256.4346	3069.8551	4840.6082	4487.0116	3039.4902	4943.9815
267	5011.0	3105.4	4873.7	4757.3	3,075.6	5796.7
268	5040.5969	3139.6152	5047.4	4827.6	3134.5971	5800.2
269	5069.2	3173.8	5221.1	4897.9	3,193.5	5803.7
270	5101.456	3208.0988	5312.3865	4936.8639	3251.4744	5807.2
271	5133.649	3219.5424	5365.5357	4722.4736	3331.2921	5175.3004
272	5165.8346	3230.9859	5418.6849	4508.0833	3410.1098	4543.3
273	5896.9048	3258.29	5154.6539	4824.7772	3431.6894	5308.3632
274	6628.0	3285.6	4890.6229	5141.4711	3453.2689	6073.4264
275	6681.8129	3296.7868	5236.7868	5201.9	3,474.8	6838.5
276	6738.1045	3670.3842	5289.3096	5096.7987	3608.365	5454.8024
277	6214.5	4043.9	5341.8325	4991.6974	3741.9	4071.1048
278	6338.2758	3850.5351	5410.6546	5112.7096	3738.5757	5563.1867
279	6461.9516	3657.1802	5479.4767	5233.7218	3735.2314	7055.2686
280	6552.1487	3851.5282	5551.2707	5217.7795	3864.6878	5703.6
281	6642.3458	4045.8762	5623.0647	5201.8372	3994.1442	4352.1314
282	6684.5024	4229.2795	5694.8587	5185.8949	4123.6006	5729.8313
283	6773.735	4361.5921	5651.2417	5169.5	4035.2017	5754.6601
284	6862.9	4493.9	5607.6	5153.1	3946.8028	5779.5
285	6930.1587	4575.7317	5710.7541	5137.2947	4018.8267	5913.5861
286	6997.4174	4657.5734	5813.9082	5121.4894	4090.8506	6047.6722
287	7065.1009	4739.4152	5917.0623	5105.6841	4162.8745	6181.7583
288	7146.9601	4871.5079	5858.6545	5159.168	4337.4592	6112.6786
289	7228.7193	5003.6006	5800.2467	5212.6519	4512.0439	6043.5989
290	7407.212	5069.6869	5976.8913	5383.1666	4477.3982	6184.8129
291	7585.7046	5135.7732	6153.5359	5553.6813	4442.7525	6326.0269
292	7774.6486	5260.6295	6305.2376	5955.2963	4614.2298	6356.8029
293	7963.5926	5385.4858	6456.9393	6356.9113	4785.7071	6387.5789
294	8145.7965	5454.0756	6240.0958	6758.4972	4957.1844	6418.3549
295	8331.591	5553.5354	6293.104	6164.4847	4791.5562	6065.2983
296	8517.3855	5653.0952	6346.1122	5570.4722	4625.9281	5712.2417
297	8344.574	5682.7453	6448.7241	5381.8553	4958.5599	6746.2884
298	8171.7625	5712.3954	6551.3359	5193.2384	5291.1917	7780.3351
299	8187.5861	5937.1157	6637.4858	5004.6215	5623.8235	7814.3818
300	8759.1775	6351.9526	6696.0008	5055.8954	5251.5447	6875.5942
301	8910.5126	6376.1696	6754.5157	5107.1693	5879.2659	5936.8066
302	8916.9561	6206.5399	6804.8551	5723.2887	5859.8193	7148.9568
303	8923.4000	6262.1375	6874.4889	5739.4081	5455.5456	7361.1069
304	9162.9428	6329.2769	6893.1853	6840.7328	5561.3082	7206.5306
305	9402.4857	6396.4163	6911.8817	7942.0575	5667.0708	7052.9543
306	9532.4414	6424.0914	7078.8	8,000.4	5,772.8	6899.4
307	9420.6526	6759.6973	7132.176	7200.4195	5864.1879	7471.0625
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