CDC COVID Data Tracker

Maps, charts, and data provided by the CDC

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

Reported to the CDC by State or Territory

View:
- ○ Cases
- ● Deaths

Measure:
- ○ Daily
- ● Cumulative

Metric:
- ○ Raw Totals
- ● Rate per 100,000

Scale:
- ● Linear
- ○ Logarithmic

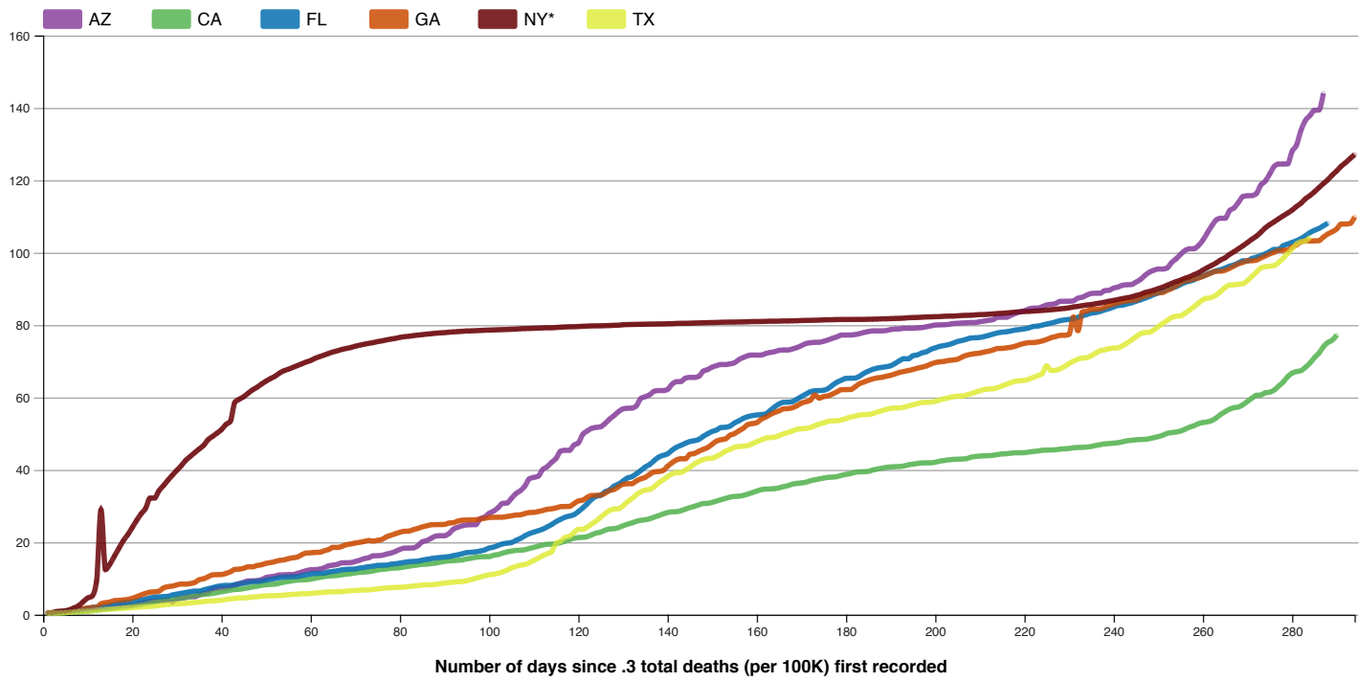
Select up to 6 states or territories:

Arizona ✕ California ✕ Florida ✕ Georgia ✕ New York* ✕ Texas ✕

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

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

Cumulative deaths (per 100K), by number of days since .3 total deaths (per 100K) first recorded.



Download Chart

Data Table for Cumulative deaths (per 100K)

CDC | Updated: Jan 13 2021 12:16PM

Download Data

Day	AZ	CA	FL	GA	NY*	TX
1	0.3984	0.3467	0.3958	0.4427	0.4704	0.3621
2	0.4396	0.3822	0.4703	0.5651	0.5337	0.438
3	0.5633	0.4353	0.6705	0.6122	0.8684	0.4828
4	0.7144	0.4353	0.7915	0.7441	0.9679	0.5311
5	0.8793	0.5138	0.9079	0.7912	1.0765	0.6104
6	0.893	0.6833	1.029	0.9701	1.4021	0.6863
7	1.0029	0.6985	1.1826	1.2244	1.9087	0.7794
8	1.0991	0.8073	1.3782	1.4504	2.4876	0.876

9	1.2227	0.8681	1.5039	1.6577	3.5731	0.9346
10	1.3327	0.9465	1.7274	1.8649	4.5953	0.9898
11	1.4838	1.1186	1.9509	1.959	5.1199	1.0967
12	1.5799	1.2452	2.0766	2.0626	9.1996	1.2554
13	1.6761	1.3692	2.1464	3.0045	28.9648	1.3554
14	1.7998	1.5413	2.3233	3.3059	12.4652	1.4761
15	1.9509	1.6476	2.6586	3.4943	13.9758	1.5623
16	2.0608	1.7387	2.8588	3.8898	16.1649	1.6451
17	2.3218	1.9184	3.1102	3.9558	18.3088	1.7071
18	2.4317	2.0778	3.3802	4.0688	20.4436	1.783
19	2.5279	2.2525	3.4827	4.2101	22.099	1.8727
20	2.5691	2.4929	3.6037	4.5303	24.071	1.9348
21	2.8576	2.7131	3.8319	4.9541	26.0701	2.0451
22	3.1462	2.7131	4.0367	5.4533	27.8702	2.1486
23	3.4209	3.0573	4.3161	5.8771	29.3718	2.2348
24	3.6545	3.2091	4.5955	6.2256	32.2032	2.2865
25	3.7507	3.4268	4.8702	6.3104	32.2213	2.3796
26	3.7781	3.7178	4.9121	6.5082	34.2566	2.5245
27	3.7781	3.9532	5.0005	7.3653	35.6406	2.6969
28	4.0254	4.1785	5.0657	7.7326	37.1512	2.8142
29	3.4896	4.3278	5.4522	7.8927	38.5353	2.9211
30	4.3964	4.4417	5.671	8.2223	39.865	2.9901
31	4.5338	4.5783	5.9038	8.4672	41.1766	3.0487
32	4.7811	4.7757	6.118	8.4484	42.6511	3.1246
33	4.9734	5.0162	6.3508	8.5897	43.7004	3.2694
34	4.9734	5.2465	6.5137	8.891	44.7497	3.3556
35	5.4268	5.4945	6.5137	9.6539	45.7719	3.4626
36	5.8527	5.6059	6.849	9.9271	46.767	3.6178
37	6.1824	5.7046	7.1656	10.4639	48.35	3.7523
38	7.1029	5.864	7.4496	10.9914	49.2274	3.7936
39	7.309	6.1044	7.7708	11.0573	50.1501	3.9075
40	7.3639	6.3373	7.985	11.095	51.118	3.9937
41	7.4464	6.5423	8.0781	11.4058	52.5382	4.1937
42	7.7211	6.7776	8.0781	11.8484	53.4337	4.3868
43	8.1608	6.9472	8.283	12.4983	58.6351	4.5006
44	8.5729	7.0105	8.5065	12.5831	59.5216	4.6076
45	8.9439	7.2054	8.73	12.828	60.2181	4.6455
46	9.3286	7.4256	8.9255	13.2235	61.2041	4.7214
47	9.3423	7.6736	9.1444	13.2235	62.1177	4.8938
48	9.4247	7.8659	9.1863	13.5815	62.8414	4.9662
49	9.672	8.1089	9.298	13.7887	63.7279	5.1042
50	10.2628	8.2531	9.5541	14.1748	64.5149	5.1938
51	10.4826	8.3569	9.7589	14.382	65.2295	5.2387
52	10.6475	8.4379	9.9824	14.6646	65.8446	5.2663
53	10.9772	8.696	10.1966	14.9942	66.7311	5.2973
54	10.9909	8.9643	10.3968	15.1261	67.3734	5.387
55	11.0734	9.187	10.4154	15.4651	67.8076	5.5215
56	11.0871	9.3844	10.4853	15.71	68.296	5.6077
57	11.4168	9.5515	10.5179	15.9078	68.8026	5.6836
58	11.7741	9.6046	10.7972	16.5577	69.2911	5.7663
59	12.1587	9.6527	11.0067	17.0286	69.7977	5.787
60	12.406	9.8299	11.2349	17.0851	70.2138	5.856
61	12.4472	10.0551	11.3932	17.2076	70.8289	5.9802
62	12.5984	10.2955	11.4118	17.2358	71.2721	6.094
63	12.9281	10.5183	11.4537	17.6502	71.7063	6.1664
64	13.4776	10.6625	11.7796	17.9799	72.1586	6.2733
65	13.6837	10.7587	11.9473	18.5827	72.5747	6.3112
66	13.9035	10.8473	12.1382	18.5638	72.8913	6.3319
67	14.3157	11.0371	12.3849	18.8652	73.2713	6.3906
68	14.3432	11.1915	12.5153	19.3267	73.5426	6.5009
69	14.3844	11.3509	12.5712	19.5339	73.805	6.6216
70	14.7004	11.5382	12.627	19.7976	74.1577	6.6872
71	15.0439	11.7078	12.8738	19.9954	74.4472	6.7492
72	15.4835	11.7761	13.0414	20.2215	74.7095	6.8148
73	15.7171	11.8875	13.2602	20.4758	74.9357	6.8389
74	16.2529	12.0874	13.3953	20.3439	75.1528	6.9975
75	16.2941	12.3531	13.6188	20.5323	75.4332	7.1114
76	16.404	12.5101	13.6467	20.796	75.6413	7.2597
77	16.7475	12.6265	13.6793	21.5212	75.9036	7.3804
78	17.0222	12.8138	13.9354	21.9356	76.1297	7.4666

79	17.4619	12.8796	14.0518	22.3689	76.3287	7.5252
80	18.0252	12.9605	14.252	22.7739	76.6001	7.5597
81	18.3824	13.1807	14.4522	23.0376	76.7901	7.6563
82	18.3961	13.3883	14.6384	23.0847	76.9077	7.7563
83	18.4373	13.5654	14.7176	23.4897	77.0795	7.9184
84	19.0143	13.7274	14.7734	23.8193	77.2333	8.0149
85	20.0997	13.9071	15.0761	24.2526	77.3509	8.1598
86	20.4706	13.9577	15.2763	24.5351	77.5047	8.2529
87	21.0889	14.1222	15.4905	24.8271	77.6133	8.2874
88	21.6934	14.2538	15.672	24.8836	77.7489	8.3598
89	21.817	14.5094	15.7838	24.893	77.8484	8.5564
90	21.817	14.7094	15.9188	24.9401	77.9118	8.7081
91	22.4215	14.8612	16.0492	25.3075	78.0384	8.8806
92	23.6305	14.9447	16.3192	25.4111	78.1198	8.9944
93	24.1389	15.0232	16.5287	25.8537	78.2012	9.0944
94	24.5648	15.1346	16.8407	26.0892	78.2826	9.1565
95	24.7983	15.413	17.1526	26.1457	78.3731	9.3634
96	24.8533	15.5977	17.2365	26.1645	78.4002	9.7014
97	24.867	15.8508	17.3715	26.2211	78.4545	10.0635
98	26.4744	15.9773	17.5903	26.4188	78.5178	10.3911
99	26.969	16.0229	17.8836	26.626	78.5812	10.7326
100	27.9994	16.0381	18.4051	26.8333	78.6173	11.0085
101	28.6039	16.4202	18.6658	26.8992	78.6626	11.1568
102	29.5519	16.6075	19.0988	26.9086	78.7078	11.4568
103	30.7334	16.9846	19.5412	26.9369	78.744	11.8362
104	30.8433	17.3389	19.7507	27.1064	78.7892	12.2811
105	32.1073	17.5768	19.9136	27.3042	78.8435	12.8811
106	33.44	17.7591	20.5282	27.5208	78.8887	13.3295
107	34.2368	17.8173	21.0497	27.5962	78.9882	13.6502
108	35.487	17.9362	21.776	27.9258	79.0334	13.864
109	37.5066	18.2905	22.372	28.2178	79.0696	14.3158
110	37.9325	18.5892	22.791	28.2649	79.1149	14.9952
111	38.2485	18.9182	23.1961	28.5003	79.1691	15.5919
112	40.0895	19.2219	23.6152	28.764	79.2053	16.2678
113	40.8588	19.4497	24.2391	29.1125	79.2596	16.8472
114	42.0816	19.4725	24.8862	29.235	79.2596	17.3749
115	43.1669	19.6268	25.6917	29.4987	79.332	19.7028
116	45.1453	19.9179	26.3203	29.8377	79.4134	20.2684
117	45.4064	20.3152	26.8976	29.8848	79.4857	21.3479
118	45.3926	20.7176	27.2561	29.9131	79.531	21.6376
119	46.8214	21.0998	27.6146	30.6477	79.5491	22.6549
120	47.4534	21.2997	28.4807	31.4106	79.6033	23.5792
121	49.8165	21.3731	29.4863	31.6461	79.6667	23.5792
122	50.7507	21.5579	30.6643	32.4184	79.7209	24.1965
123	51.4789	22.0565	31.8609	32.9176	79.7752	25.0415
124	51.7261	22.5475	32.6943	32.9458	79.7843	25.8554
125	51.9185	22.7904	32.983	33.0495	79.8023	26.9107
126	52.8252	23.3447	33.9514	33.558	79.8385	27.9212
127	54.0205	23.6787	34.4636	34.3021	79.8747	28.7731
128	54.9822	23.7597	35.5112	34.5752	79.938	29.1731
129	56.0676	24.0457	36.0699	35.3381	79.9742	29.28
130	56.8369	24.557	36.908	36.0257	80.0918	30.0387
131	57.0155	24.9771	37.7554	36.167	80.1461	31.1561
132	57.0705	25.3365	38.1139	36.1858	80.1732	32.0356
133	57.6887	25.787	38.9194	36.9299	80.2004	33.115
134	59.7221	26.0502	39.8226	37.5232	80.2185	33.9359
135	60.2167	26.2172	40.8097	37.9188	80.2456	34.429
136	60.7662	26.4931	41.4988	38.7759	80.2727	34.6049
137	61.7142	26.9486	42.5603	39.4258	80.2818	35.3498
138	61.9065	27.3536	43.5102	39.5482	80.318	36.4155
139	61.9065	27.8294	44.0084	39.8308	80.327	37.2225
140	62.2225	28.2115	44.4134	40.9798	80.3722	38.1123
141	63.6651	28.4064	45.4331	41.9688	80.3903	38.8538
142	64.352	28.452	46.2432	42.7411	80.4536	39.2125
143	64.407	28.705	46.788	43.0707	80.4808	39.2987
144	65.3412	29.1631	47.342	43.0707	80.4898	39.9229
145	65.5473	29.5757	47.8356	44.2857	80.517	40.7127
146	65.5473	29.9173	48.073	44.5212	80.5622	41.6266
147	65.8358	30.34	48.4083	45.1522	80.5984	42.3026
148	67.2646	30.7095	49.2603	45.6702	80.6346	42.8337

149	67.718	30.755	49.9727	46.1882	80.6707	43.1441
150	68.3912	31.0208	50.6012	47.0736	80.6979	43.2337
151	68.7896	31.4004	51.0156	47.9589	80.725	43.7338
152	69.1056	31.7623	51.7047	48.3356	80.7793	44.3856
153	69.0918	32.1166	51.7699	48.5617	80.8064	45.1478
154	69.2979	32.4811	52.0865	49.56	80.8245	45.6306
155	69.5864	32.6608	52.9572	50.0216	80.8336	46.2411
156	70.4795	32.7316	53.5485	50.7939	80.8607	46.4618
157	71.0427	32.9468	54.2422	51.5285	80.8788	46.5307
158	71.5373	33.3137	54.7078	52.5175	80.915	46.7411
159	71.7297	33.7288	54.9918	52.7812	80.9693	47.2205
160	71.7022	34.1413	55.1688	53.0543	80.9783	47.7758
161	71.7297	34.5286	55.2712	53.9962	80.9964	48.2724
162	72.1418	34.6956	55.476	54.5801	81.0235	48.7759
163	72.4441	34.7386	56.4072	55.2676	81.0778	48.938
164	72.6502	34.8196	57.3897	55.861	81.0778	49.0104
165	73.0211	35.0297	58.2091	56.2943	81.0869	49.4656
166	73.1173	35.3764	58.6654	56.8594	81.1411	49.9312
167	73.1173	35.6573	58.7026	56.9253	81.1411	50.3175
168	73.4195	36.0673	58.8609	57.1702	81.1773	50.7417
169	73.7905	36.2647	59.5361	57.7165	81.1954	51.2073
170	74.3125	36.4065	60.2438	58.4323	81.2587	51.3625
171	74.8896	36.5735	60.9282	58.8278	81.2859	51.4452
172	75.1094	36.9886	61.5754	59.214	81.304	51.7108
173	75.233	37.2568	61.8641	60.6927	81.3401	52.1764
174	75.2605	37.4871	61.906	59.8356	81.3673	52.6523
175	75.5353	37.7402	62.0037	60.2594	81.4396	52.9868
176	75.9062	37.93	62.4647	60.4572	81.4668	53.4041
177	76.3733	38.0085	63.4052	60.9752	81.4849	53.5317
178	76.758	38.1426	64.2293	61.5686	81.5301	53.5697
179	77.2389	38.4792	64.788	62.1526	81.5391	53.8145
180	77.2526	38.7576	65.2862	62.1808	81.5482	54.1836
181	77.2664	38.9702	65.3328	62.1997	81.5482	54.5698
182	77.3763	39.3094	65.356	62.8872	81.5572	54.8181
183	77.6236	39.4486	65.8496	63.7914	81.5663	55.1527
184	77.9533	39.5017	66.6597	64.2529	81.5663	55.2665
185	78.2143	39.5827	67.251	64.7426	81.6115	55.2941
186	78.3792	39.9674	67.7632	65.1194	81.6296	55.5631
187	78.3929	40.2103	68.1077	65.4208	81.6567	55.9735
188	78.4067	40.4584	68.3079	65.562	81.7201	56.3321
189	78.4891	40.6811	68.4988	65.8729	81.7382	56.6701
190	78.7639	40.7975	68.7549	66.1272	81.7834	56.9943
191	78.9013	40.8709	69.3928	66.5227	81.8286	57.1012
192	78.9425	40.9418	70.1564	66.9277	81.8648	57.1047
193	79.1211	41.0708	70.7058	67.1914	81.9281	57.3254
194	79.1211	41.4074	70.7058	67.4552	82.0276	57.653
195	79.1211	41.577	71.5345	67.7377	82.0728	57.9806
196	79.231	41.7592	71.758	68.0862	82.109	58.2945
197	79.2997	41.9212	72.3121	68.3688	82.1724	58.5738
198	79.5332	41.9415	72.6101	68.6984	82.2447	58.6773
199	79.7668	41.9642	73.2666	69.207	82.2719	58.7049
200	80.0141	42.111	73.7042	69.6308	82.3171	58.9291
201	80.0553	42.4097	74.1093	69.8475	82.3442	59.3222
202	80.0965	42.5944	74.3421	69.9699	82.4347	59.6154
203	80.1927	42.769	74.5935	70.2054	82.4709	59.9223
204	80.4263	42.8804	74.9846	70.3561	82.4799	60.2017
205	80.495	42.9487	75.4735	70.5633	82.5613	60.3672
206	80.5774	43.0044	75.7389	71.166	82.6427	60.4017
207	80.6323	43.093	76.0788	71.6464	82.697	60.681
208	80.701	43.503	76.4373	71.9384	82.7241	61.0432
209	80.7148	43.6877	76.4932	72.1173	82.8146	61.4536
210	80.9346	43.8118	76.5863	72.2774	82.896	61.8502
211	81.1269	43.8978	76.847	72.56	82.9141	62.1606
212	81.3055	43.9282	77.1543	72.7954	83.0136	62.3433
213	81.5254	44.037	77.5128	73.1439	83.086	62.4123
214	82.1436	44.2268	77.8481	73.5395	83.1945	62.7468
215	82.1711	44.3939	78.0389	73.5489	83.2488	63.1814
216	82.1848	44.4698	78.1693	73.7185	83.3574	63.6401
217	82.7069	44.609	78.3788	73.8786	83.4569	64.1091
218	83.2427	44.7127	78.6396	74.18	83.5745	64.4919

219	83.6274	44.7254	78.7886	74.6226	83.683	64.6402
220	83.9296	44.7608	78.9701	74.924	83.7554	64.7299
221	84.4517	44.9279	79.2169	75.1501	83.7916	65.0541
222	84.6853	45.0873	79.6173	75.1689	83.882	65.5403
223	84.6853	45.2164	79.7151	75.3384	83.9634	66.0335
224	85.0699	45.4011	79.9851	75.621	84.0358	66.6302
225	85.5645	45.4619	80.3064	76.026	84.1353	68.7201
226	85.7294	45.4973	80.5485	76.5346	84.2438	67.4544
227	85.963	45.5581	80.8838	76.8171	84.3614	67.5234
228	86.5537	45.7327	81.2236	77.1656	84.4881	67.9269
229	86.5812	45.8289	81.4285	77.175	84.6057	68.5718
230	86.5812	45.9023	81.5635	77.4482	84.7685	69.365
231	86.7186	46.1073	81.7544	82.2233	85.0218	69.9961
232	87.4467	46.1958	82.1502	78.4842	85.1665	70.5859
233	87.7078	46.2211	82.5553	83.6455	85.3746	70.8928
234	88.2985	46.3123	82.9231	83.8716	85.5464	71.0032
235	88.7107	46.4666	83.2956	84.3519	85.6821	71.5619
236	88.8069	46.7349	83.4818	84.3613	85.9083	72.2516
237	88.8069	46.9652	83.7658	84.4555	86.0982	72.9621
238	89.5075	47.1829	84.2035	84.8417	86.3334	73.138
239	89.6312	47.2664	84.5387	85.3785	86.5958	73.4897
240	90.2357	47.3929	84.9903	85.727	86.8038	73.6553
241	90.5105	47.5018	85.4094	86.1038	87.0661	73.7312
242	91.005	47.77	85.4978	86.4522	87.3104	74.3175
243	91.1424	48.0332	85.8657	86.6312	87.5546	75.0313
244	91.2111	48.1699	86.1357	86.7913	87.7808	75.8728
245	91.8706	48.3116	86.5873	86.8478	88.1697	76.7523
246	92.585	48.3926	86.9691	87.5636	88.4683	77.6041
247	93.7116	48.4432	87.4208	87.9309	88.9929	77.9214
248	94.5908	48.6204	87.877	88.3454	89.2733	78.0352
249	95.1404	48.9064	88.4358	88.7598	89.6533	78.6594
250	95.4839	49.1924	88.8548	88.9293	90.0694	79.601
251	95.4839	49.5593	89.2878	89.0235	90.4764	80.4425
252	95.7999	50.0883	89.7767	89.6168	91.0101	81.2702
253	97.2836	50.3034	90.2237	90.1066	91.5167	82.0806
254	98.2866	50.4527	90.6148	90.8695	92.0142	82.4634
255	99.5368	50.7362	91.2154	91.5947	92.4213	82.5531
256	100.5947	51.2322	91.7881	92.2352	92.9369	83.2601
257	101.0755	51.789	92.1186	92.3576	93.344	84.1292
258	101.0892	52.1914	92.4958	92.7815	93.9138	85.0466
259	101.9685	52.7609	93.1336	92.9887	94.4385	86.0605
260	103.4523	53.0697	93.5015	93.4408	95.1712	86.9986
261	105.4719	53.2645	94.0695	93.9494	95.8677	87.4193
262	107.4228	53.6239	94.5398	94.4768	96.51	87.6504
263	109.0439	54.3655	94.9867	94.8912	97.1794	88.3091
264	109.5111	55.3247	95.322	94.9006	98.0026	89.323
265	109.5248	56.0839	95.7643	95.1643	98.6086	90.3853
266	111.6268	56.7723	96.2857	95.6918	99.5404	91.075
267	112.3687	57.1798	96.6303	96.3322	100.2731	91.1198
268	113.9487	57.3898	97.189	96.9538	101.0962	91.2957
269	115.5286	58.015	97.7524	97.3117	101.9194	91.4647
270	115.7347	58.9286	97.7524	97.7733	102.8149	92.2959
271	115.7759	59.8169	98.4042	97.7921	103.7286	93.4202
272	116.3529	60.6066	98.7627	97.9428	104.5608	94.6238
273	118.7022	60.6977	99.2097	98.5456	105.6463	95.7757
274	119.7739	61.2975	99.68	99.073	106.8494	96.1068
275	121.7797	61.4595	100.3178	99.6664	107.754	96.2792
276	123.8542	62.0719	100.9091	100.1279	108.55	96.4585
277	124.4862	63.1653	100.9091	100.6365	109.3732	97.3207
278	124.4862	64.2485	101.9195	100.6741	110.1692	98.445
279	124.5274	65.729	102.3711	100.7401	110.9291	99.8004
280	128.0033	66.7059	102.8507	101.5218	111.7522	101.0833
281	129.7481	67.164	103.307	102.1528	112.7654	102.3973
282	133.8285	67.4095	103.9076	102.9817	113.6699	103.0388
283	136.5351	68.3409	104.6712	103.2077	114.8911	103.2319
284	137.8814	69.5025	105.5325	103.2266	115.7686	104.2183
285	139.324	70.978	106.1751	103.2642	116.7998	N/A
286	139.4064	72.2258	106.6779	103.3302	117.9486	N/A
287	144.0089	73.9847	107.4182	104.2814	119.0703	N/A
288	N/A	75.1691	108.1445	105.1573	120.1377	N/A

289	N/A	75.8373	N/A	105.7695	121.4403	N/A
290	N/A	77.2242	N/A	106.5607	122.5801	N/A
291	N/A	N/A	N/A	107.9075	123.8736	N/A
292	N/A	N/A	N/A	107.917	124.8777	N/A
293	N/A	N/A	N/A	108.0771	125.9904	N/A
294	N/A	N/A	N/A	109.8383	127.094	N/A

How do your state's trend lines compare to other countries?

View global COVID case and death trends to find out

View and Download COVID-19 Case Surveillance Public Use Data

Data Sources, References & Notes: Data will update as soon as they are reviewed and verified, oftentimes before 8 pm ET. However, daily updates might be delayed due to delays in reported data.

The case classifications for COVID-19, a nationally notifiable disease, are described in an an updated interim COVID-19 position statement and case definition issued by the Council of State and Territorial Epidemiologists on August 5, 2020 . However, there is some variation in how jurisdictions implement these case classifications. More information on how CDC collects COVID-19 case surveillance data can be found at CDC's COVID-19 FAQ webpage.

Total cases are based on aggregate counts of COVID-19 cases reported by state and territorial jurisdictions to the Centers for Disease Control and Prevention (CDC) since January 21, 2020, with the exception of persons repatriated to the United States from Wuhan, China, and Japan. All displayed counts include confirmed COVID-19 cases and deaths as reported by U.S. states, U.S. territories, New York City (NYC), and the District of Columbia from the previous day. Counts for certain jurisdictions also include probable COVID-19 cases and deaths. Counts for NYC and New York State are shown separately; data for New York State show total cases and deaths for the state excluding data for NYC. COVID-19 case and death data that are not available to CDC are denoted with an N/A.

The figure and corresponding data table can be modified to show COVID-19 case and death trends for up to six states or territories. When daily cases of COVID-19 are displayed, the index date is when 10 average daily cases were first recorded. When daily deaths attributed to COVID-19 are displayed, the index day is when 3 average daily deaths were first recorded. For both of these measures, the 7-day moving average of new cases or deaths (current day + 6 preceding days divided by 7) was calculated to smooth expected variations in daily counts since the index date.

When cumulative cases or deaths of COVID-19 are displayed, the index date is when 100 total cases or deaths were first recorded. The trend line shows the cumulative cases or deaths by number of days since the index date.

When daily case or death rates per 100,000 are displayed, the index date is when .01 average daily cases or deaths per 100,000 people was first recorded. The trend line shows the 7-day moving-average of new cases or deaths per 100,000 people using the U.S. Census Bureau, 2019* American Community Survey 1-year estimates by the number of days since the index date.

When cumulative case or death rates per 100,000 are displayed, the index date is when 0.3 total cases per 100,000 people was first recorded. The trend line shows the total cases per 100,000 using the U.S. Census Bureau, 2019* American Community Survey 1-year estimates by the number of days since the index date.

*2018 population estimates are still used for American Samoa, Federated States of Micronesia, Guam, New York City, Northern Mariana Islands, Palau, Republic of Marshall Islands and United States Virgin Islands.

CDC's overall COVID-19 case numbers are validated through a confirmation process with each jurisdiction. COVID-19 case numbers reported on other websites may differ from what is posted on CDC COVID Data Tracker due to the timing of reporting and COVID Data Tracker updates, which may differ by up to 24 hours. CDC COVID-19 counts from previous dates may be continually revised as more records are received and processed. Not all jurisdictions report counts daily, some counts are reported in batches and may increase COVID-19 case and death counts at different intervals and appear as spikes. The process used for finding and confirming COVID-19 cases displayed by other sites may differ.