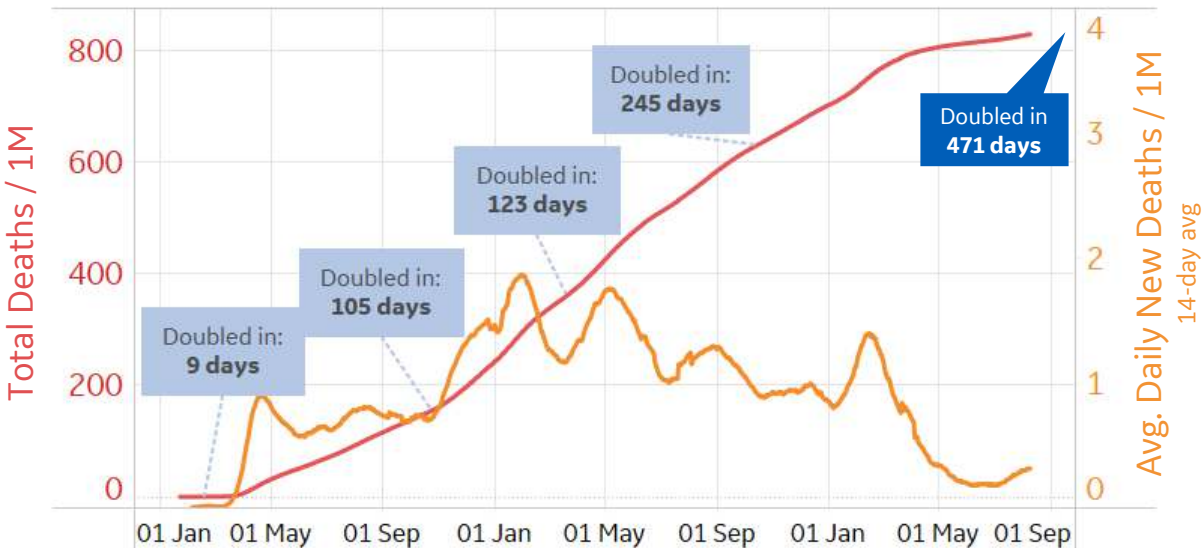
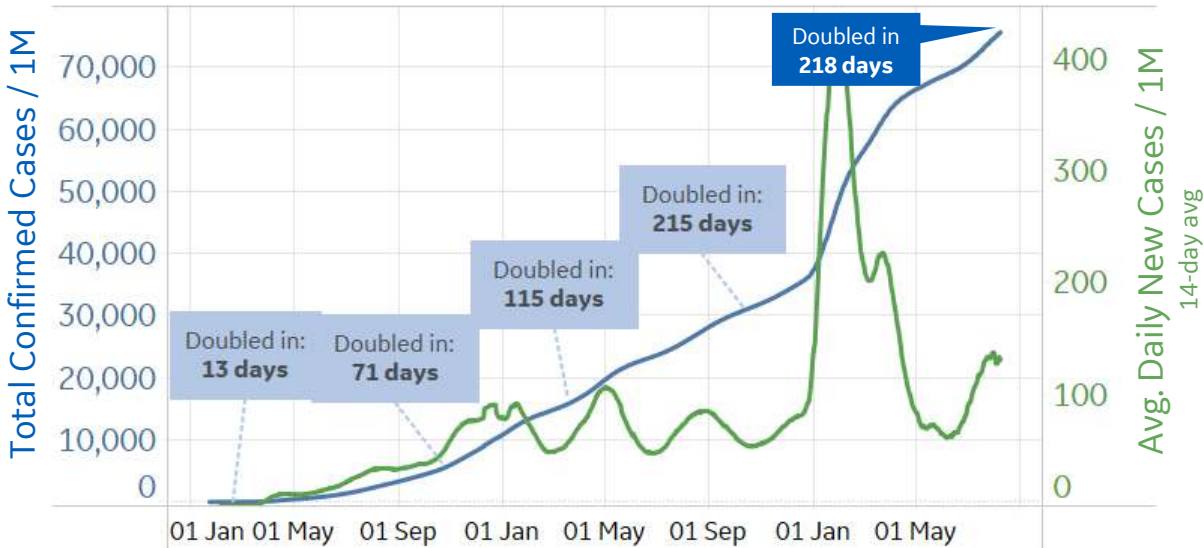




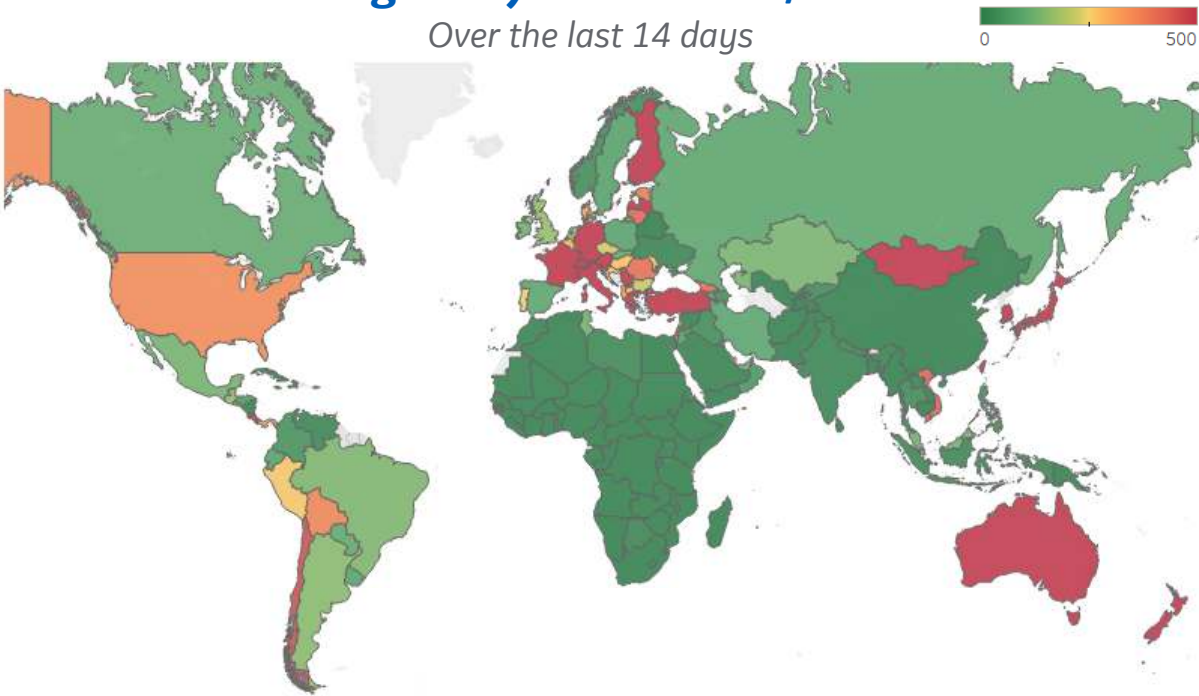
Global Confirmed Cases & Deaths

Trend since 22 Jan 2020



Avg. Daily New Cases / 1M

Over the last 14 days



Per 1M:	New Today	Change from 30 days ago
Active	104	+5%
Confirmed	105	+5%
Deaths	0	+1%
Recovered	132	+5%
Worldwide Survival Rate	To Date 98.9%	Last 30 Days 99.8%

Worldwide Survival Rate = (Confirmed - Deaths) / (Confirmed) in a given period

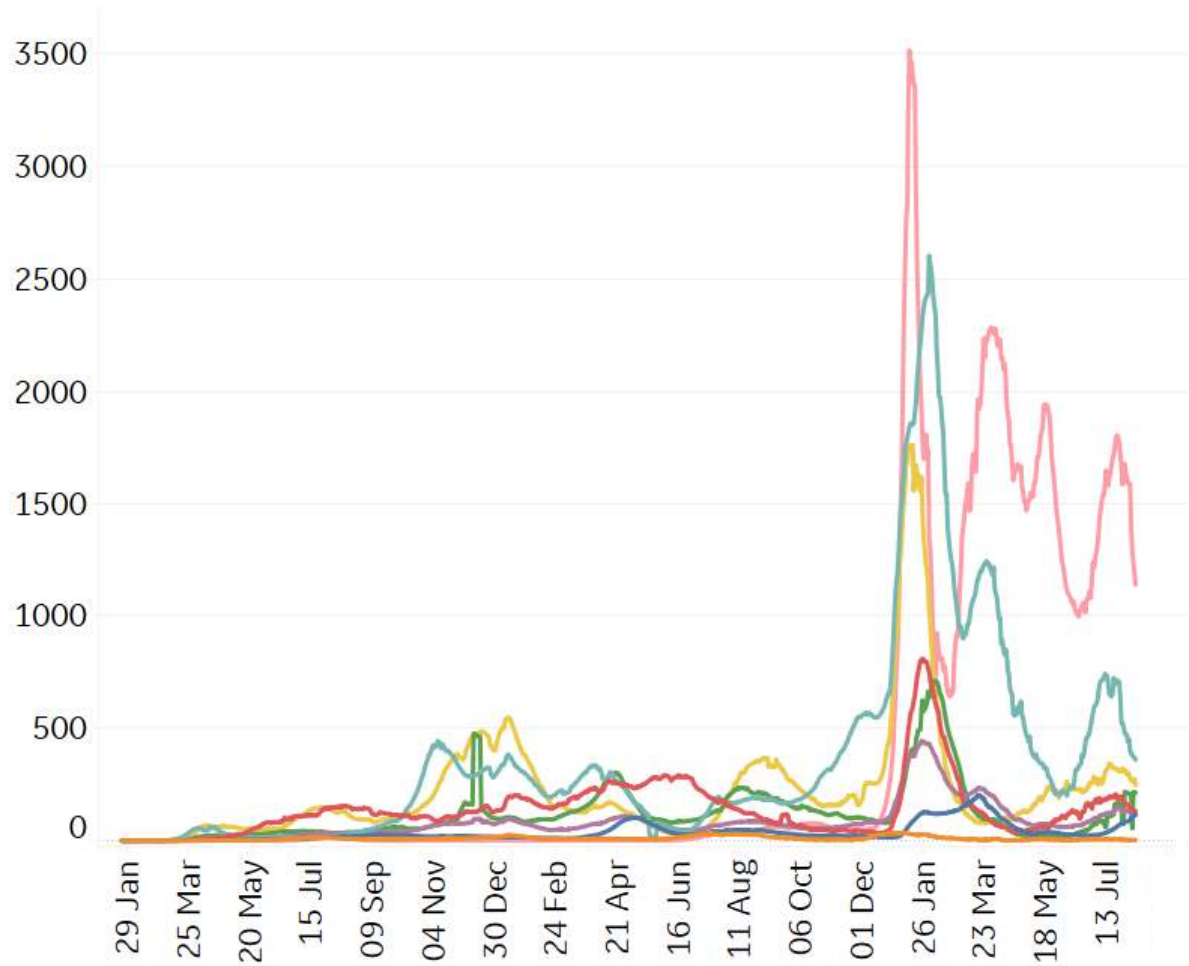


New Confirmed Cases & New Deaths

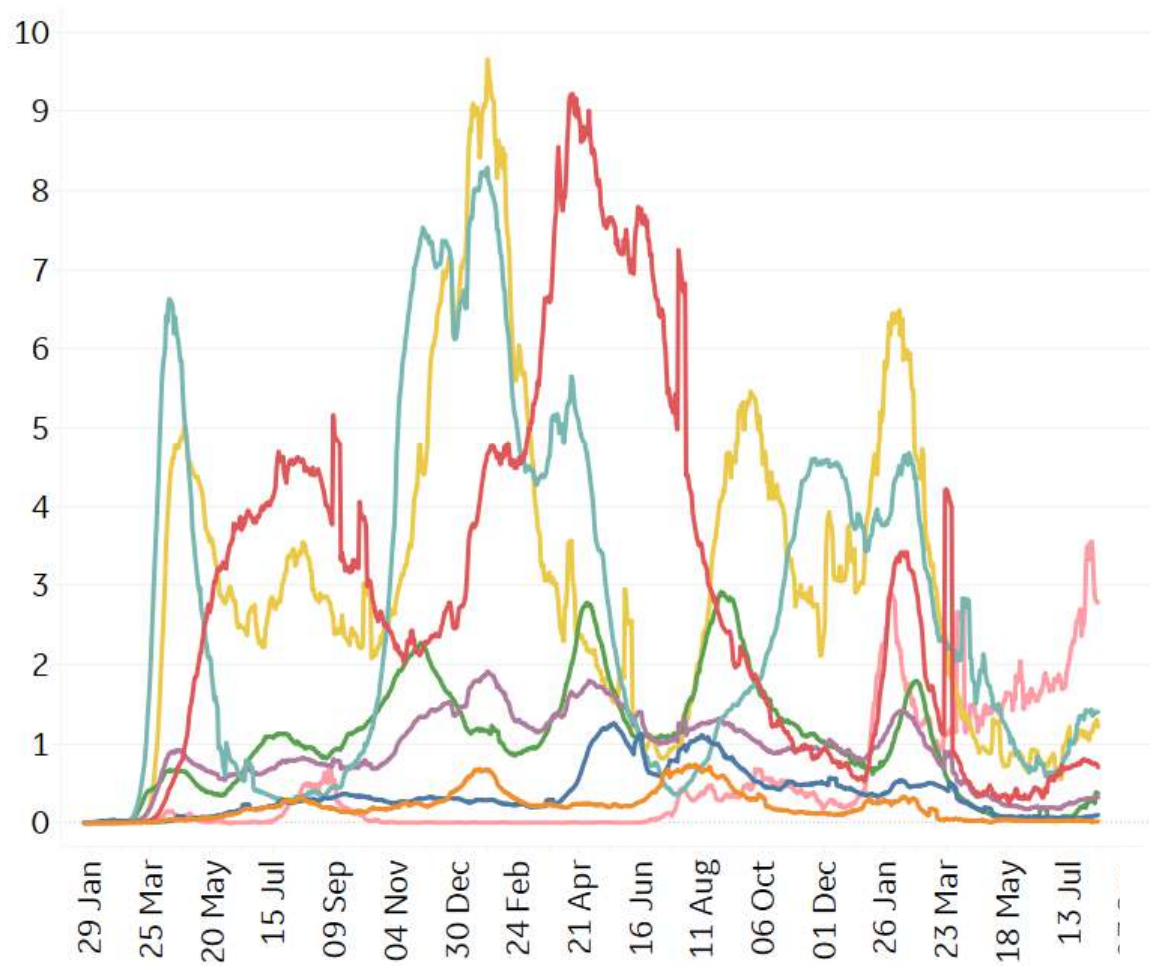
Updated 9 August 2022, 3:30 GMT 2

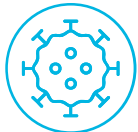
Key **World** **North America** **Europe** **Middle East** **Cent & South America** **Asia** **Africa** **Oceania**

New Confirmed Cases / 1M
7-day rolling average



New Deaths / 1M
7-day rolling average





Top 50 Countries: Per 1M



1 - 25	Average over last 7 days		Total Since 22 Jan 2020			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
Bulgaria	208	1	175,562	167,075	5,390	14%	68%
Hungary	323	1	205,719	197,114	4,853	98%	100%
Georgia	423	0	425,658	415,725	4,229	75%	50%
Croatia	229	3	290,690	282,874	4,000	-15%	58%
Czechia	188	1	373,763	366,785	3,790	38%	252%
Slovakia	-15	0	472,695	467,585	3,706	-50%	0%
Romania	385	1	162,217	153,112	3,441	57%	347%
Lithuania	444	1	437,865	428,601	3,388	47%	10%
Slovenia	718	2	526,280	512,500	3,235	0%	54%
Chile	496	2	225,696	216,126	3,130	22%	-14%
Latvia	739	0	463,414	450,296	3,129	33%	175%
US	319	1	278,672	270,618	3,124	-9%	7%
Poland	93	0	161,041	156,764	3,082	66%	163%
Greece	1,716	5	429,300	400,976	3,010	-28%	190%
Italy	628	2	352,709	339,238	2,865	-45%	30%
Argentina	133	0	212,465	207,500	2,864	17%	22%
Belgium	242	1	383,517	376,702	2,789	-40%	-9%
UK	139	2	347,376	342,294	2,736	-52%	16%
EU	433	1	362,475	353,189	2,529	-39%	20%
Portugal	203	1	525,623	519,683	2,419	-46%	-45%
Spain	121	1	283,740	280,052	2,376	-73%	-38%
France	471	1	525,364	514,719	2,355	-54%	-17%
Austria	1,028	2	537,272	523,358	2,269	-35%	35%
Uruguay	0	0	279,736	276,473	2,135	61%	100%
Estonia	536	1	445,806	438,545	1,981	149%	23%

Change from 14d ago: Compares 14d-avgs. of Daily New Cases/Deaths today with 14d-avgs from 14d ago
Estimated Recovered: Cases 14d ago - Deaths today

26 - 50	Average over last 7 days		Total Since 22 Jan 2020			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
Panama	196	0	222,561	216,385	1,955	94%	255%
Sweden	84	1	252,065	248,983	1,924	11%	75%
Serbia	685	1	248,465	237,210	1,874	79%	107%
Germany	597	1	373,664	362,021	1,731	-36%	25%
Costa Rica	449	1	205,018	192,469	1,718	-35%	-42%
Switzerland	386	0	459,017	450,348	1,608	-42%	30%
Ireland	99	1	333,673	330,464	1,559	-67%	-5%
Lebanon	271	0	174,123	168,352	1,546	-15%	9%
Jordan	77	0	168,652	166,203	1,381	17%	167%
Netherlands	137	0	493,947	490,292	1,352	-44%	3%
Israel	293	1	531,836	525,251	1,323	-52%	-35%
Turkey	688	1	193,218	182,886	1,182	125%	289%
Denmark	255	2	568,108	562,523	1,174	4%	158%
Finland	1,216	6	219,866	210,403	948	276%	237%
Cyprus	647	3	470,766	459,602	947	-52%	120%
Bahrain	261	0	389,790	384,878	889	-57%	0%
Mauritius	435	0	195,570	188,832	798	-7%	500%
Norway	30	0	268,792	267,660	668	-30%	-85%
Mongolia	762	0	293,193	285,468	648	179%	N/A
South Korea	2,123	1	403,639	376,862	494	72%	78%
Australia	1,184	3	379,794	359,739	488	-20%	24%
Taiwan*	897	2	199,618	186,358	389	-12%	-35%
New Zealand	1,105	4	346,866	326,604	350	-20%	54%
Singapore	1,083	1	301,370	284,285	263	-24%	14%
Total World	131	0	75,567	72,909	829	-2%	17%

Top 50 countries selected by Cases / 1M. Sorted by Total Deaths / 1M
Excludes countries with population < 1M



Top 50 Countries: Raw Volume



1 - 25	Average over last 7 days		Total Since 22 Jan 2020			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
EU	192,696	655	161,392,345	157,257,409	1,126,243	-39%	20%
US	105,538	489	92,241,199	89,575,313	1,034,020	-9%	7%
Brazil	25,688	207	34,035,780	32,941,799	680,166	-39%	-11%
India	17,806	49	44,174,650	43,393,679	526,772	-5%	4%
Russia	16,633	44	18,457,892	17,893,543	375,027	161%	6%
Mexico	14,117	84	6,859,970	6,300,199	328,342	-36%	22%
Peru	7,485	39	3,966,898	3,630,456	214,637	-25%	51%
UK	9,440	159	23,582,003	23,236,990	185,761	-52%	16%
Italy	37,980	149	21,325,402	20,510,933	173,249	-45%	30%
Indonesia	5,516	16	6,249,403	6,015,277	157,113	30%	67%
France	30,722	76	34,292,342	33,597,544	153,751	-54%	-17%
Germany	50,021	125	31,307,020	30,331,577	145,028	-36%	25%
Iran	6,154	65	7,443,801	7,195,413	142,515	22%	192%
Colombia	1,886	33	6,278,998	6,106,559	141,075	-36%	18%
Argentina	6,032	10	9,602,534	9,378,122	129,440	17%	22%
Poland	3,512	13	6,094,868	5,932,980	116,660	66%	163%
Ukraine	N/A	N/A	5,299,165	5,175,382	116,486	117%	-13%
Spain	5,658	54	13,266,184	13,093,769	111,094	-73%	-38%
South Africa	0	0	4,004,555	3,900,999	101,982	-69%	-64%
Turkey	58,046	48	16,295,817	15,424,393	99,678	125%	289%
Romania	7,405	26	3,120,681	2,945,518	66,193	57%	347%
Philippines	3,997	14	3,808,156	3,694,566	60,837	49%	165%
Chile	9,487	30	4,314,459	4,131,512	59,835	22%	-14%
Hungary	3,120	14	1,987,321	1,904,193	46,886	98%	100%
Canada	3,550	30	4,118,564	4,020,921	43,163	-24%	-12%

Change from 14d ago: Compares 14d-avgs. of Daily New Cases/Deaths today with 14d-avgs from 14d ago
Estimated Recovered: Cases 14d ago - Deaths today

26 - 50	Average over last 7 days		Total Since 22 Jan 2020			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
Vietnam	81,173	0	11,349,223	10,725,750	43,094	4211%	-33%
Czechia	2,016	12	4,002,616	3,927,889	40,587	38%	252%
Malaysia	4,021	8	4,711,415	4,618,919	36,032	0%	2%
Japan	214,934	163	14,423,315	11,465,174	33,844	65%	277%
Belgium	2,803	9	4,444,819	4,365,832	32,329	-40%	-9%
Thailand	1,903	28	4,607,451	4,545,963	31,630	3%	44%
Greece	17,885	54	4,474,616	4,179,394	31,377	-28%	190%
Bangladesh	289	2	2,007,631	1,973,016	29,307	-56%	-47%
South Korea	108,829	35	20,694,239	19,321,432	25,332	72%	78%
Iraq	756	1	2,451,178	2,407,460	25,326	-59%	-13%
Portugal	2,069	7	5,359,624	5,299,055	24,670	-46%	-45%
Netherlands	2,354	5	8,463,722	8,401,093	23,160	-44%	3%
Austria	9,263	17	4,838,882	4,713,570	20,435	-35%	35%
Slovakia	-82	1	2,580,748	2,552,848	20,236	-50%	0%
Sweden	851	11	2,545,671	2,514,545	19,433	11%	75%
Serbia	5,988	12	2,170,933	2,072,596	16,370	79%	107%
China	5,006	5	2,300,466	2,214,583	14,779	15%	32%
Jordan	783	1	1,720,778	1,695,789	14,090	17%	167%
Switzerland	3,338	4	3,972,622	3,897,595	13,920	-42%	30%
Australia	30,202	69	9,684,693	9,173,297	12,439	-20%	24%
Israel	2,534	8	4,603,321	4,546,325	11,449	-52%	-35%
Taiwan*	21,358	42	4,754,268	4,438,452	9,255	-12%	-35%
Denmark	1,477	11	3,290,594	3,258,247	6,800	4%	158%
Singapore	6,336	6	1,763,116	1,663,166	1,541	-24%	14%
Total World	1,018,298	2,486	585,409,988	564,816,780	6,420,207	-2%	17%

Top 50 countries selected by Total Cases. Sorted by Total Deaths
Excludes countries with population < 1M



United States: Per 1M



1 - 25	Average over last 7 days		Total Since 22 Jan 2020			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
Mississippi	397	2	297,721	287,879	4,266	-19%	57%
Arizona	295	1	303,826	295,153	4,237	-3%	14%
Oklahoma	451	3	287,410	277,074	4,128	-12%	N/A
Alabama	351	2	292,964	284,193	4,074	-35%	-8%
West Virginia	479	2	314,363	303,446	4,011	7%	103%
Tennessee	373	2	325,104	317,107	3,969	-31%	-14%
New Mexico	366	2	285,381	275,856	3,953	-13%	-59%
Arkansas	319	2	301,958	293,098	3,898	-18%	40%
New Jersey	354	1	295,113	285,962	3,867	-9%	10%
Louisiana	338	2	299,544	290,429	3,795	-31%	40%
Michigan	289	2	269,603	261,857	3,758	20%	-21%
Georgia	372	2	261,700	252,624	3,690	6%	-3%
Kentucky	588	2	333,413	321,285	3,685	18%	4%
Nevada	210	2	267,381	252,720	3,655	129%	-41%
Florida	285	3	320,142	310,318	3,643	-13%	9%
New York	313	1	302,077	293,847	3,625	-17%	28%
Pennsylvania	244	1	242,688	235,280	3,614	21%	-5%
Indiana	317	2	274,475	266,255	3,593	19%	25%
S. Carolina	443	0	314,859	304,794	3,536	23%	-15%
Missouri	267	2	258,427	250,822	3,455	-13%	44%
Rhode Island	180	0	389,364	382,815	3,428	-28%	-58%
South Dakota	254	1	284,697	277,875	3,349	0%	129%
Ohio	340	0	254,598	246,318	3,348	13%	-90%
Montana	287	1	279,521	272,142	3,257	-12%	-18%
Wyoming	319	0	296,016	288,241	3,207	-14%	-63%

Change from 14d ago: Compares 14d-avgs. of Daily New Cases/Deaths today with 14d-avgs from 14d ago
Estimated Recovered: Cases 14d ago - Deaths today

26 - 51	Average over last 7 days		Total Since 22 Jan 2020			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
Connecticut	216	1	241,305	235,007	3,124	4%	18%
Iowa	291	2	261,425	254,616	3,111	9%	4%
Delaware	306	0	304,994	297,388	3,108	-3%	-78%
Texas	358	1	263,327	255,004	3,088	-12%	50%
Massachusetts	219	1	286,906	280,685	3,079	12%	5%
Kansas	325	0	289,097	281,182	3,079	-6%	-20%
Illinois	341	1	284,422	276,504	3,076	-10%	7%
North Dakota	363	3	340,222	333,188	3,051	-17%	163%
Idaho	229	2	269,853	263,656	2,829	-17%	63%
Wisconsin	315	0	308,315	301,163	2,568	2%	8%
Maryland	254	1	197,159	191,007	2,484	-1%	19%
Virginia	328	2	232,178	224,976	2,469	-5%	59%
N. Carolina	453	3	287,602	278,746	2,449	19%	42%
California	272	1	273,856	266,587	2,375	-32%	8%
Minnesota	265	1	283,885	277,888	2,362	8%	-4%
Colorado	226	1	279,336	273,577	2,267	-30%	1%
Nebraska	275	0	268,601	262,286	2,259	3%	-61%
Oregon	263	3	204,073	198,474	1,949	-18%	5%
DC	175	1	231,750	226,775	1,940	-25%	-25%
New Hampshire	145	1	250,234	245,501	1,938	83%	21%
Maine	155	3	206,410	202,354	1,855	2%	600%
Washington	144	1	229,628	224,865	1,802	-34%	N/A
Alaska	617	0	392,051	382,607	1,789	-5%	-100%
Utah	229	1	316,736	311,763	1,537	-25%	19%
Hawaii	372	2	232,813	226,205	1,124	-12%	83%
Vermont	114	0	221,390	218,868	1,111	-21%	100%

Sorted by Total Deaths / 1M



United States: Raw Volume



1 - 25	Average over last 7 days		Total Since 22 Jan 2020			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
California	10,746	45	10,820,659	10,533,428	93,846	-32%	8%
Texas	10,388	28	7,635,387	7,394,072	89,531	-12%	50%
Florida	6,128	72	6,875,931	6,664,921	78,236	-13%	9%
New York	6,081	27	5,876,474	5,716,367	70,511	-17%	28%
Pennsylvania	3,126	14	3,106,889	3,012,055	46,261	21%	-5%
Georgia	3,952	18	2,778,580	2,682,218	39,173	6%	-3%
Ohio	3,969	0	2,976,027	2,879,233	39,133	13%	-90%
Illinois	4,322	14	3,604,149	3,503,815	38,984	-10%	7%
Michigan	2,882	15	2,692,485	2,615,125	37,534	20%	-21%
New Jersey	3,148	10	2,621,249	2,539,973	34,343	-9%	10%
Arizona	2,148	11	2,211,463	2,148,338	30,842	-3%	14%
Tennessee	2,549	11	2,220,192	2,165,576	27,106	-31%	-14%
N. Carolina	4,752	29	3,016,395	2,923,511	25,687	19%	42%
Indiana	2,135	11	1,847,824	1,792,484	24,189	19%	25%
Massachusetts	1,512	7	1,977,503	1,934,620	21,224	12%	5%
Missouri	1,640	10	1,586,076	1,539,401	21,204	-13%	44%
Virginia	2,803	20	1,981,758	1,920,283	21,075	-5%	59%
Alabama	1,721	12	1,436,458	1,393,452	19,974	-35%	-8%
S. Carolina	2,279	2	1,621,121	1,569,295	18,208	23%	-15%
Louisiana	1,571	8	1,392,517	1,350,146	17,641	-31%	40%
Kentucky	2,626	10	1,489,579	1,435,395	16,464	18%	4%
Oklahoma	1,784	12	1,137,274	1,096,375	16,336	-12%	111%
Maryland	1,536	4	1,191,962	1,154,766	15,015	-1%	19%
Wisconsin	1,831	2	1,795,145	1,753,503	14,950	2%	8%
Washington	1,094	10	1,748,594	1,712,320	13,725	-34%	-18%

26 - 51	Average over last 7 days		Total Since 22 Jan 2020			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
Minnesota	1,492	4	1,601,006	1,567,188	13,320	8%	-4%
Colorado	1,304	9	1,608,623	1,575,456	13,053	-30%	1%
Mississippi	1,183	6	886,062	856,771	12,695	-19%	57%
Arkansas	962	6	911,249	884,511	11,764	-18%	40%
Nevada	648	5	823,574	778,417	11,257	129%	-41%
Connecticut	770	5	860,321	837,869	11,138	4%	18%
Iowa	918	5	824,815	803,331	9,817	9%	4%
Kansas	945	0	842,231	819,171	8,970	-6%	-20%
New Mexico	767	4	598,395	578,423	8,288	-13%	-59%
Oregon	1,111	13	860,725	837,111	8,219	-18%	5%
West Virginia	859	4	563,384	543,820	7,188	7%	103%
Idaho	410	3	482,245	471,170	5,056	-17%	63%
Utah	736	4	1,015,442	999,498	4,928	-25%	19%
Nebraska	532	1	519,584	507,368	4,370	3%	-61%
Rhode Island	191	0	412,477	405,539	3,632	-28%	-58%
Montana	307	1	298,746	290,859	3,481	-12%	-18%
Delaware	298	0	296,992	289,586	3,026	-3%	-78%
South Dakota	225	1	251,860	245,825	2,963	0%	129%
New Hampshire	197	1	340,246	333,810	2,635	83%	21%
Maine	209	4	277,459	272,007	2,493	2%	600%
North Dakota	277	2	259,270	253,910	2,325	-17%	163%
Wyoming	184	0	171,322	166,822	1,856	-14%	-63%
Hawaii	527	3	329,633	320,277	1,592	-12%	83%
DC	124	1	163,557	160,046	1,369	-25%	-25%
Alaska	451	0	286,803	279,894	1,309	-5%	-100%
Vermont	71	0	138,145	136,571	693	-21%	100%

Change from 14d ago: Compares 14d-avgs. of Daily New Cases/Deaths today with 14d-avgs from 14d ago

Estimated Recovered: Cases 14d ago - Deaths today

Sorted by Total Deaths

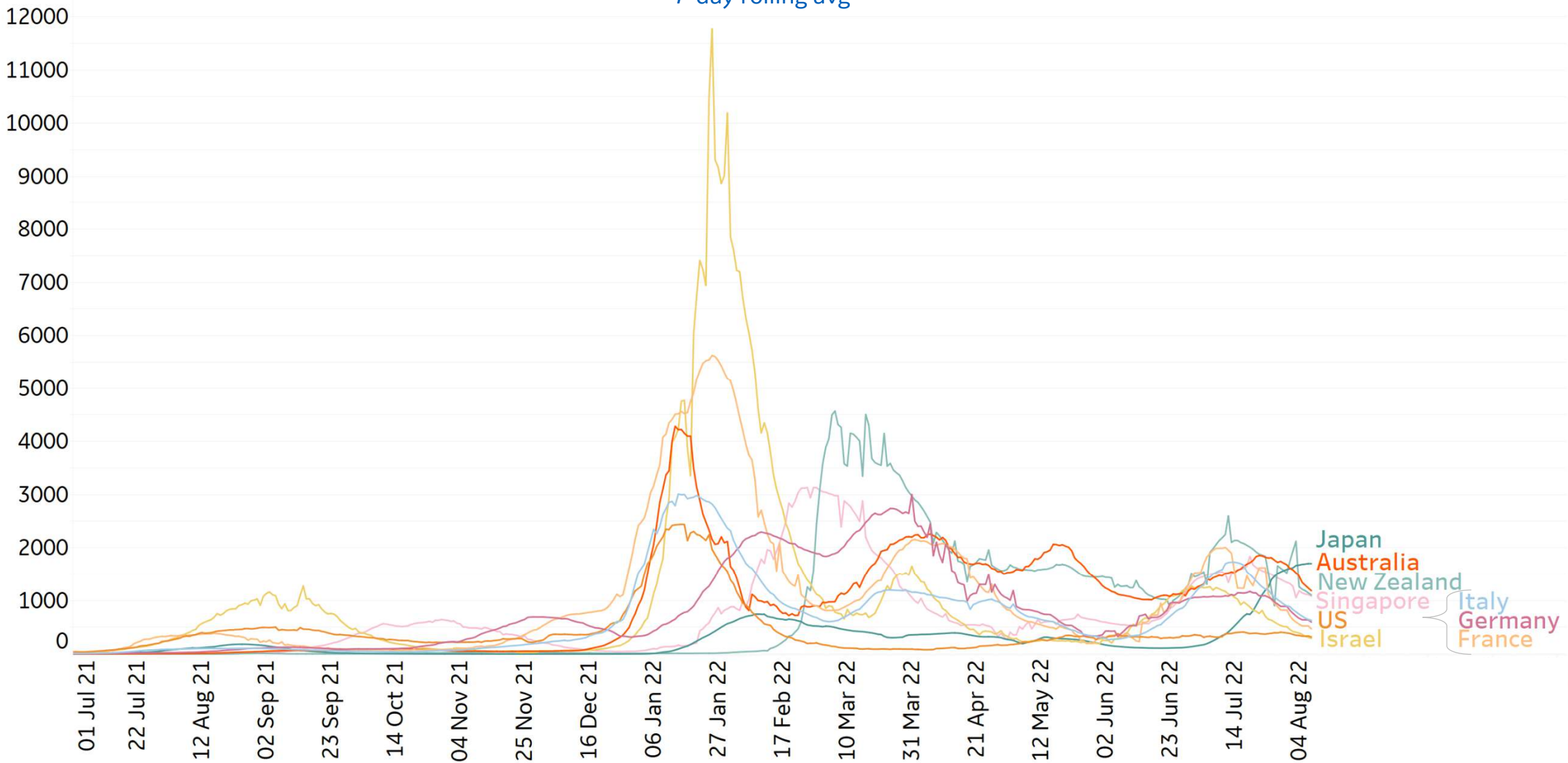


New Confirmed Cases in Select Countries

Updated 9 August 2022, 3:30 GMT

7

Daily New Confirmed Cases / 1M
7-day rolling avg

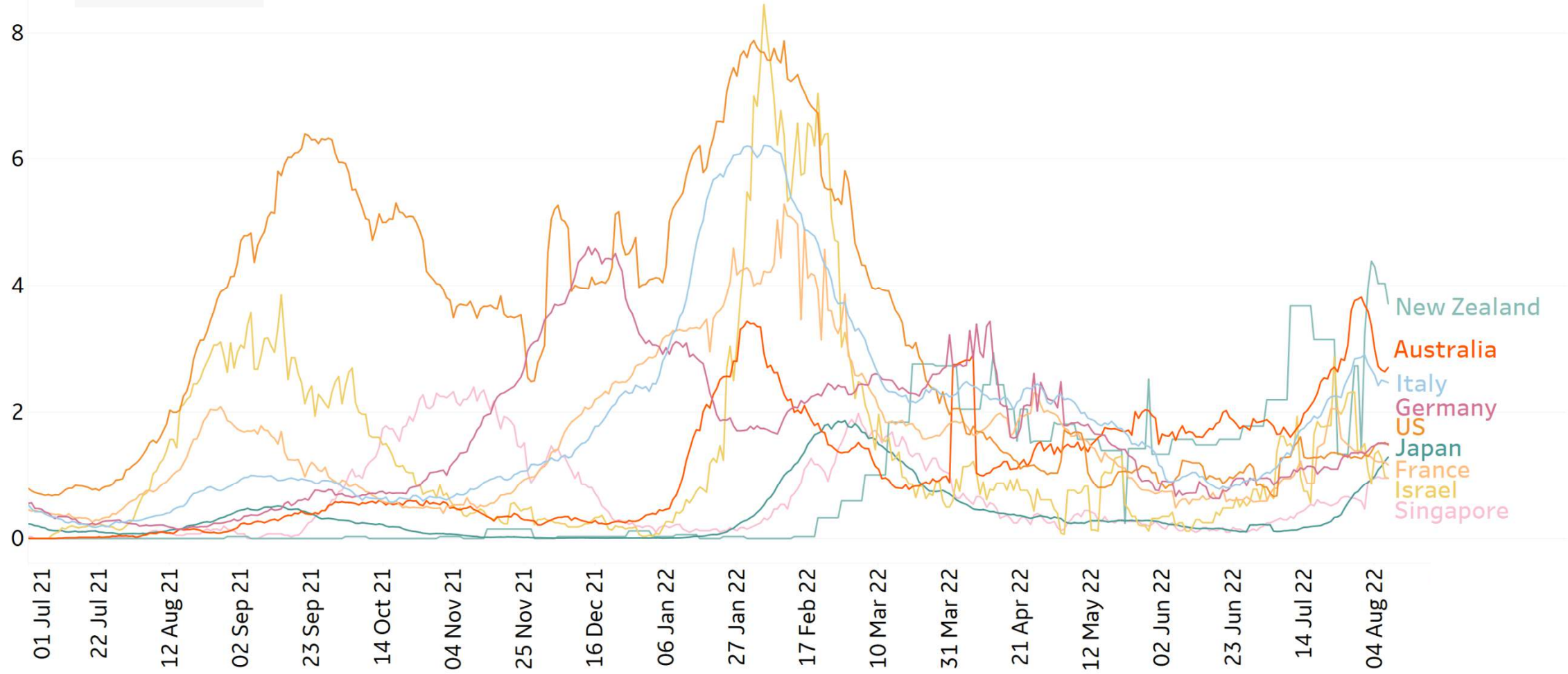




New Deaths in Select Countries

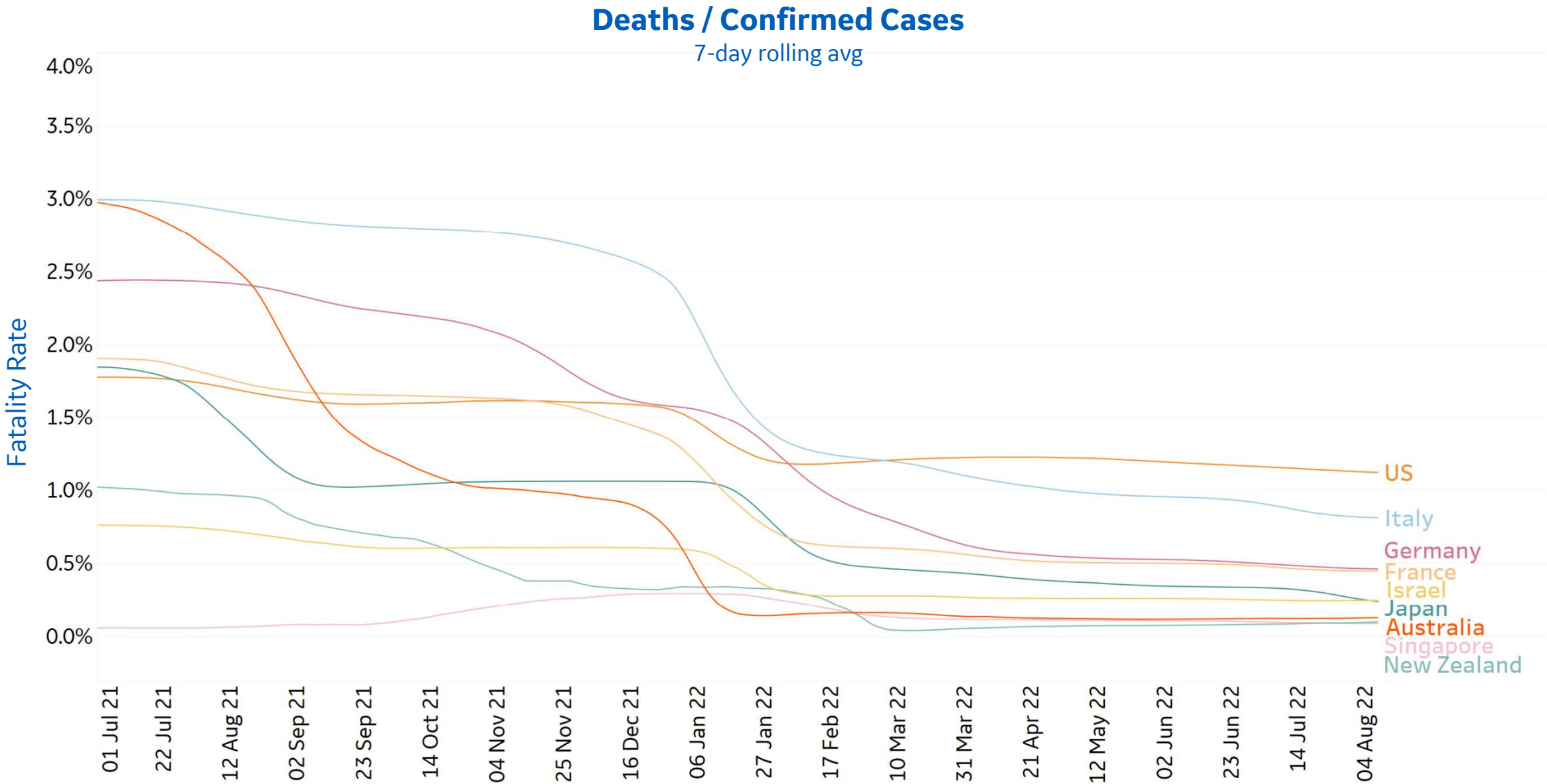
Daily New Deaths / 1M
7-day rolling avg

Worldwide Peak
17 April 2020
New York State
68 / M





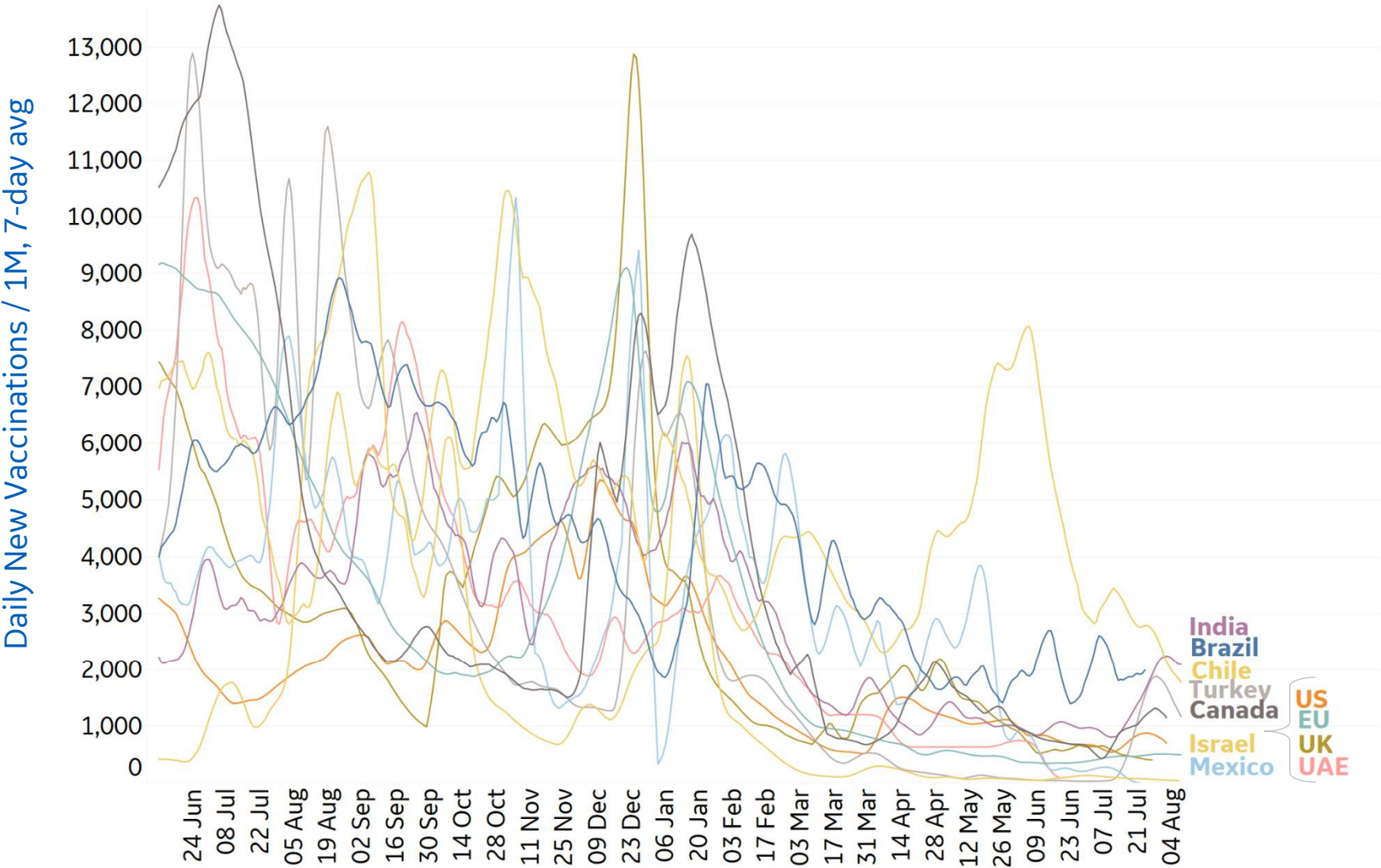
Fatality Rate in Select Countries





Daily & Total Vaccinations, Select Countries

Select countries with data available



	Total Vaccinations per Pop	% of Pop at Least 1 Dose
Chile	3.21	92.5%
Italy	2.31	85.8%
France	2.28	80.9%
Germany	2.20	77.6%
Israel	2.10	72.3%
EU	2.01	75.5%
Turkey	1.79	68.3%
India	1.50	72.6%

*Total Vax and % Fully Vaccinated use most current reported data per country



US State Vaccinations to Date

State	Vaccinations per Person	% Rec'd at Least 1 Dose	Population
Vermont	2.36	94.8%	623,989
Massachusetts	2.24	100.0%	6,892,503
Maine	2.22	92.2%	1,344,212
Connecticut	2.21	96.9%	3,565,287
Rhode Island	2.17	100.4%	1,059,361
Hawaii	2.16	88.6%	1,415,872
Maryland	2.09	87.8%	6,045,680
New York	2.08	91.2%	19,453,561
New Jersey	2.00	91.5%	8,882,190
Virginia	1.99	86.9%	8,535,519
Washington	1.98	81.8%	7,614,893
California	1.97	83.1%	39,512,223
New Hampshire	1.96	89.7%	1,359,711
New Mexico	1.95	89.2%	2,096,829
Colorado	1.94	80.4%	5,758,736
Delaware	1.94	84.3%	973,764
Oregon	1.92	78.7%	4,217,737
Minnesota	1.91	75.9%	5,639,632
Pennsylvania	1.87	86.3%	12,801,989
Illinois	1.84	76.4%	12,671,821
Wisconsin	1.83	72.5%	5,822,434
Florida	1.80	80.2%	21,477,737
Arizona	1.73	74.4%	7,278,717
Nebraska	1.71	71.0%	1,934,408
Iowa	1.68	68.5%	3,155,070

1.78
Total **Vaccinations**
per US population
(**1,783,331** per million)

2.09
Total **Vaccinations**
per Population Age 12+
(**2,088,210** per million)

77.0%
Total US population
having received
at least 1 dose
(**770,113** per million)

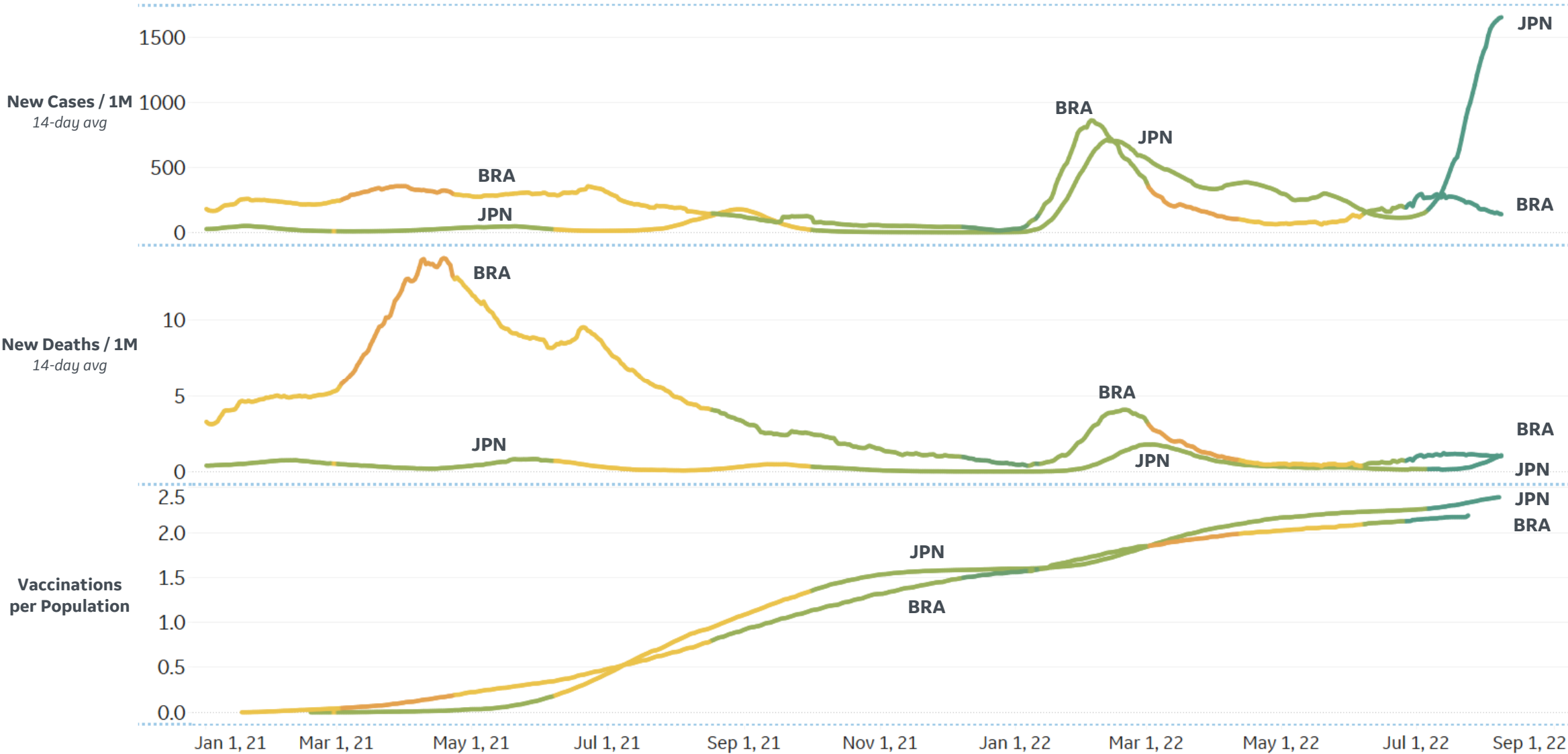
90.2%
Population Age 12+
having received
at least 1 dose
(**901,772** per million)

State	Vaccinations per Person	% Rec'd at Least 1 Dose	Population
Utah	1.67	72.8%	3,205,958
Texas	1.67	74.5%	28,995,881
South Dakota	1.66	77.9%	884,659
North Carolina	1.65	86.0%	10,488,084
Michigan	1.64	67.5%	9,986,857
Nevada	1.64	76.2%	3,080,156
Alaska	1.61	70.8%	731,545
Kansas	1.61	73.3%	2,913,314
Ohio	1.57	63.8%	11,689,100
West Virginia	1.56	65.6%	1,792,147
Montana	1.53	65.9%	1,068,778
Oklahoma	1.53	71.9%	3,956,971
South Carolina	1.51	68.5%	5,148,714
Missouri	1.51	66.9%	6,137,428
Indiana	1.50	62.7%	6,732,219
Kentucky	1.50	66.8%	4,467,673
Tennessee	1.50	62.8%	6,829,174
North Dakota	1.49	66.3%	762,062
Arkansas	1.45	67.5%	3,017,804
Georgia	1.45	66.2%	10,617,423
Idaho	1.44	62.4%	1,787,065
Louisiana	1.38	61.6%	4,648,794
Mississippi	1.33	60.2%	2,976,149
Wyoming	1.32	58.7%	578,759
Alabama	1.31	63.3%	4,903,185



Feature: Cases, Deaths, and Vaccinations in Brazil & Japan

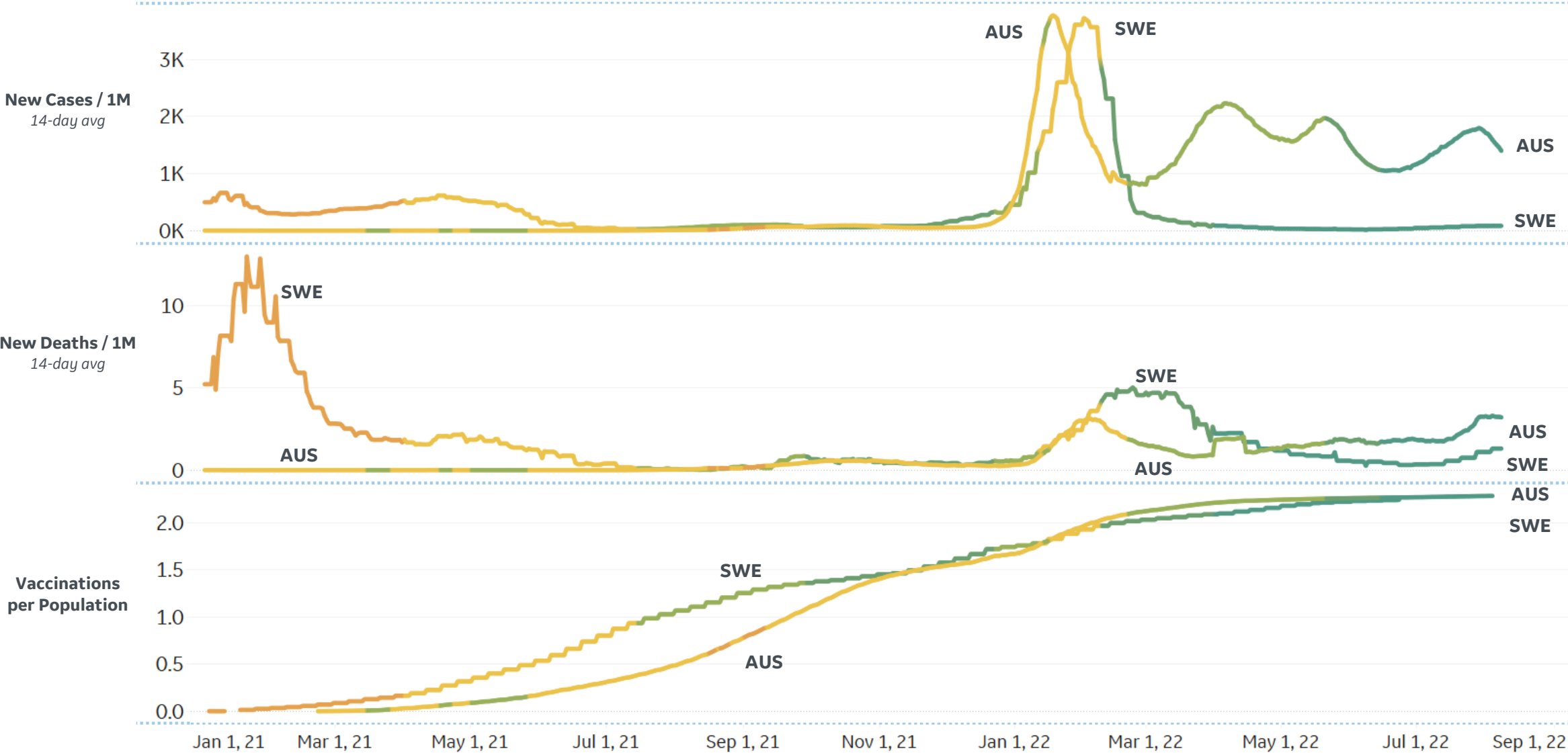
Since 1 Jan 2021. 14-day averages, per 1M. Colored by Oxford Stringency Index, strictness of government lockdown policies





Feature: Cases, Deaths, and Vaccinations in Australia & Sweden

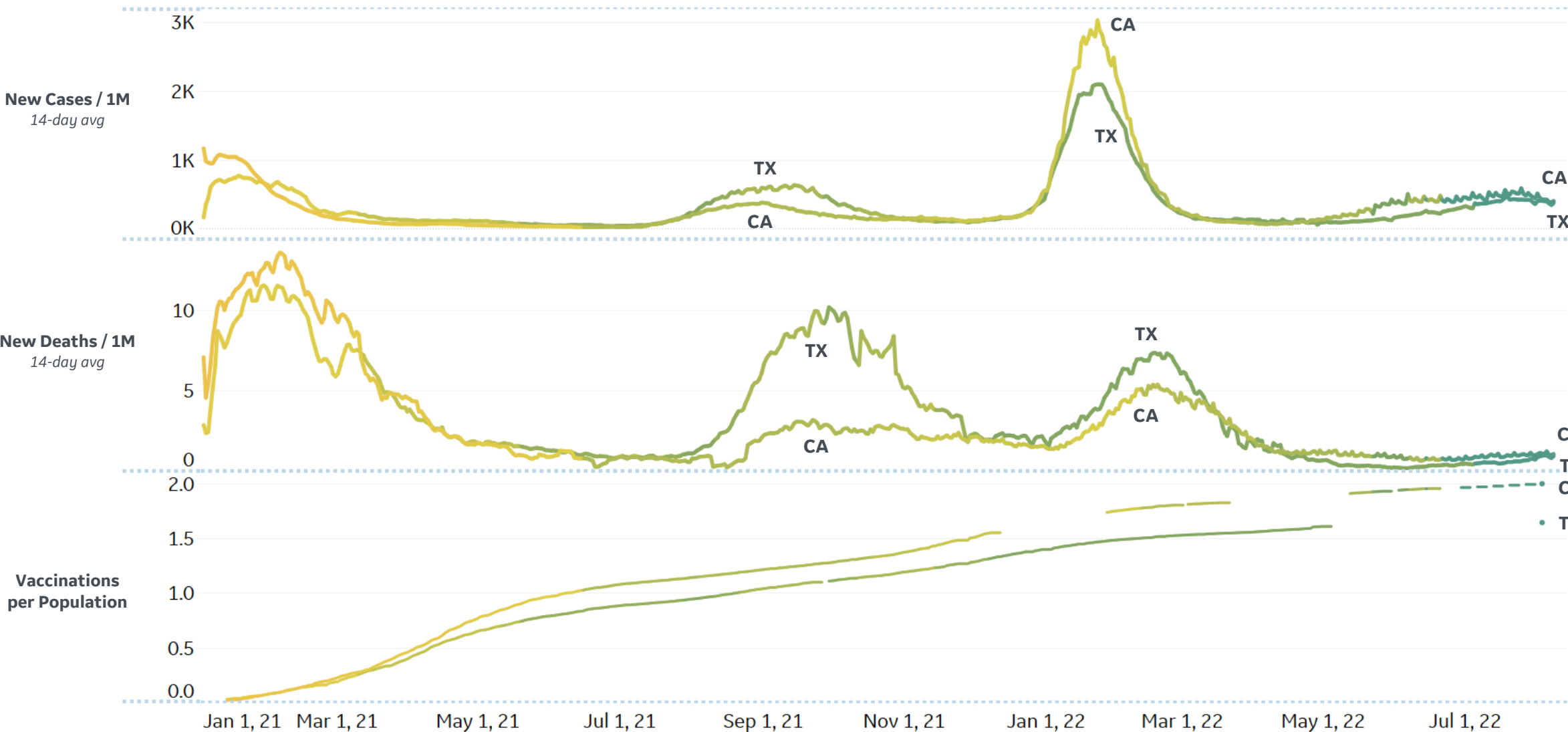
Since 1 Jan 2021. 14-day averages, per 1M. Colored by Oxford Stringency Index, strictness of government lockdown policies





Feature: Cases, Deaths, and Vaccinations in California & Texas

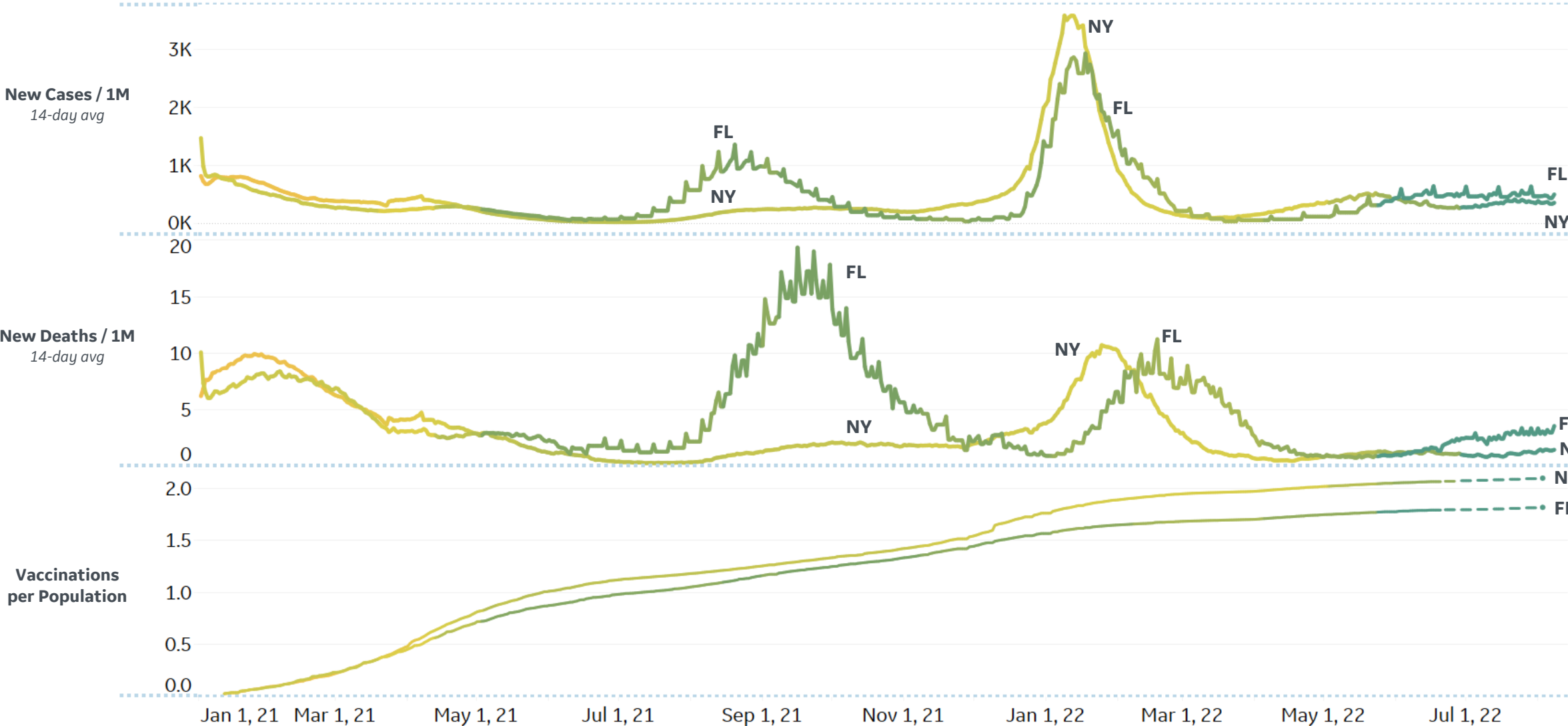
Since 1 Jan 2021. 14-day averages, per 1M. Colored by Oxford Stringency Index, strictness of government lockdown policies





Feature: Cases, Deaths, and Vaccinations in Florida & New York

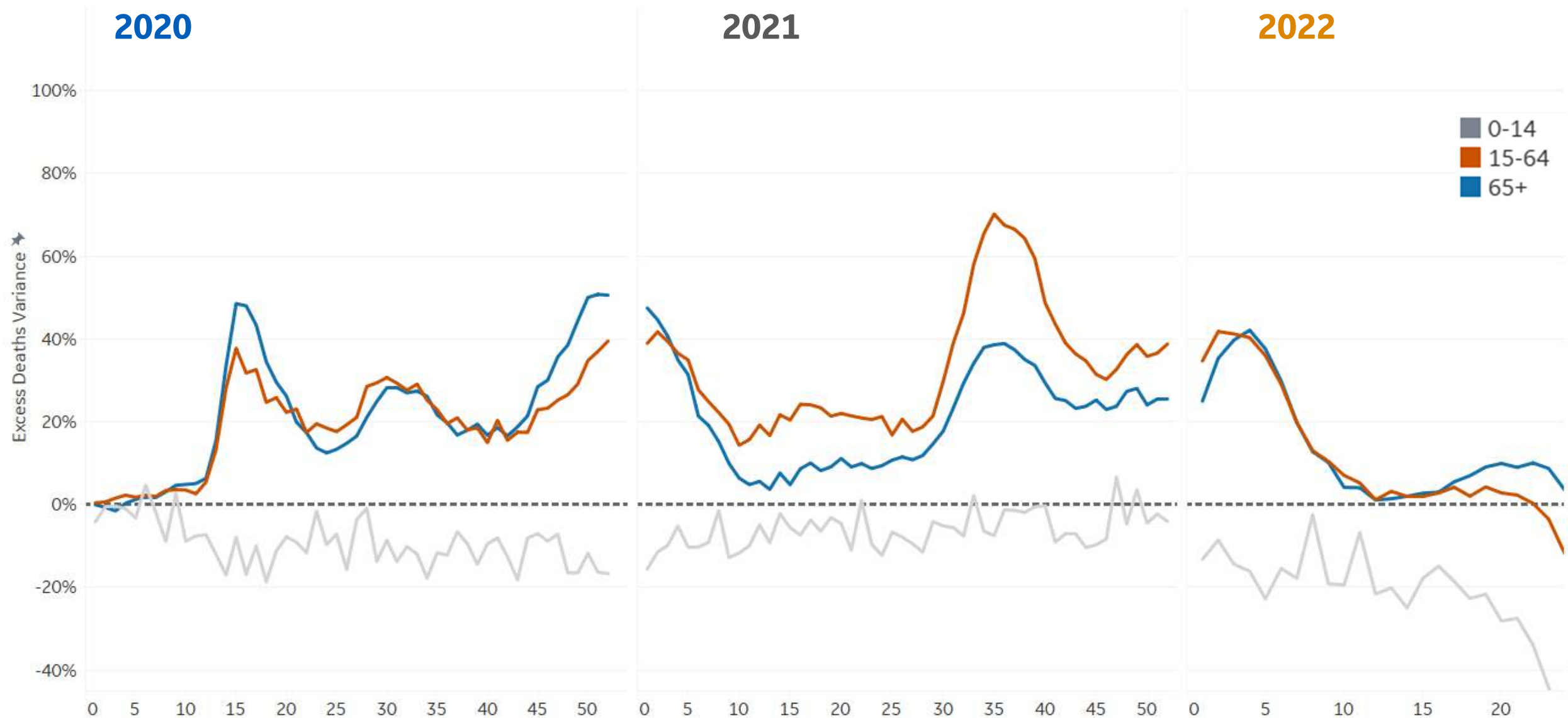
Since 1 Jan 2021. 14-day averages, per 1M. Colored by Oxford Stringency Index, strictness of government lockdown policies





Feature: Excess Deaths in the US

US Excess Deaths Variance by Age Group compared to 2015-19 avg for same period (2022 up to Week 24)

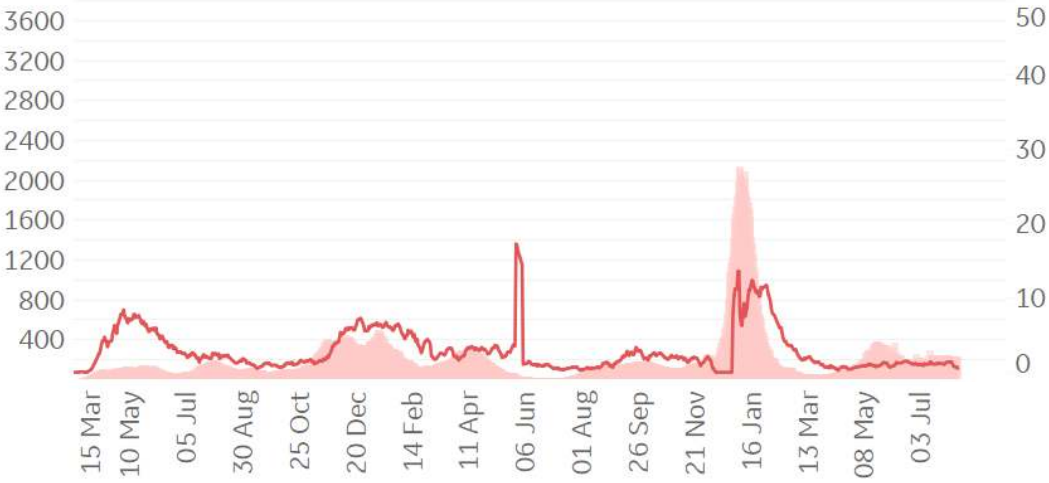




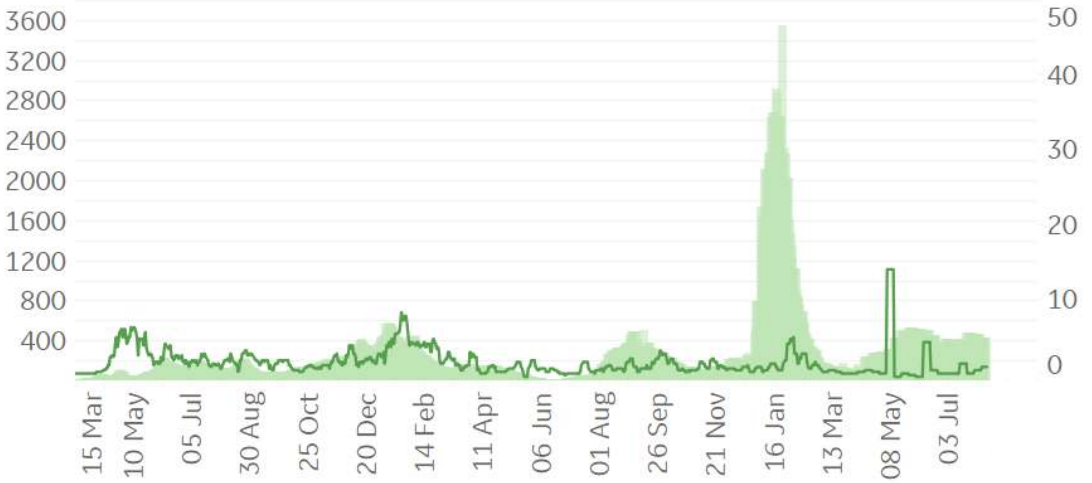
Feature: Trends in CC Ecosystem Cities

Baltimore, MD

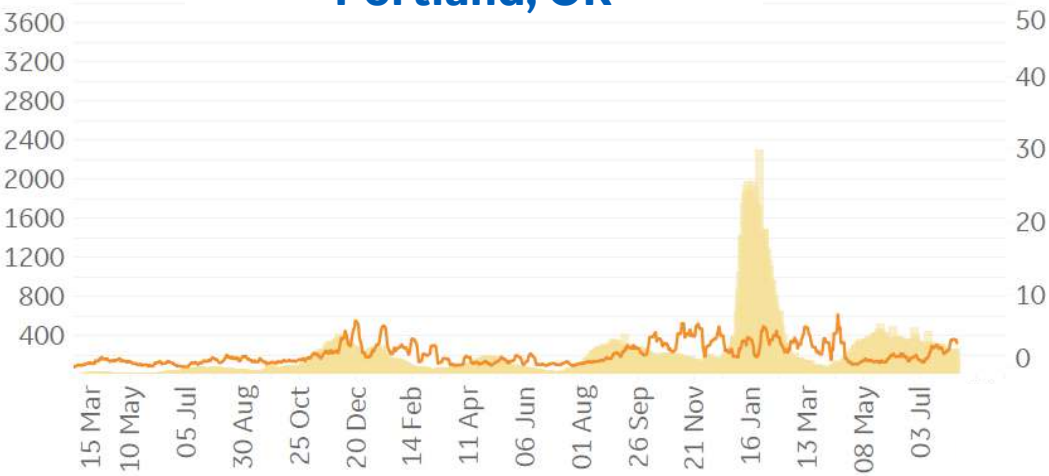
Daily New Confirmed Cases / 1M (Bars)
7-day Rolling Avg



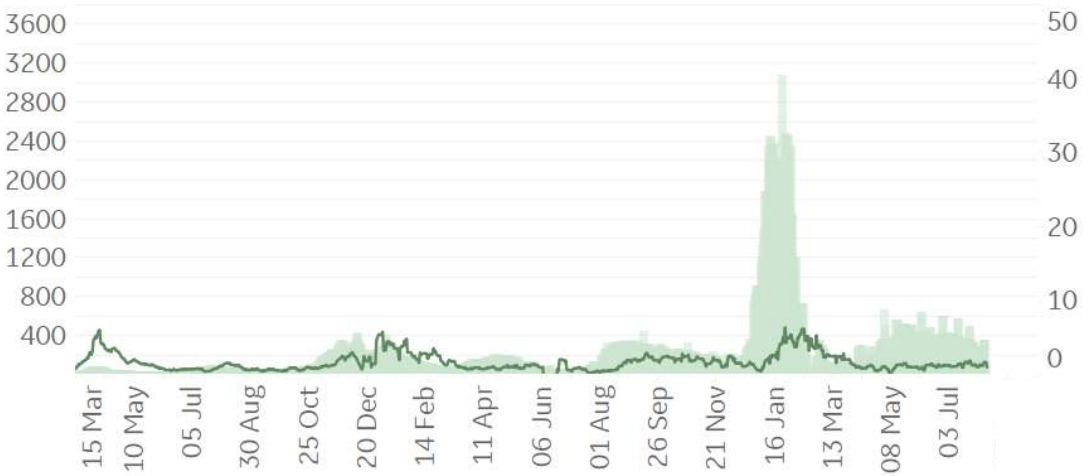
Durham, NC



Portland, OR



Seattle, WA



Daily New Deaths / 1M (Lines)
7-day Rolling Avg

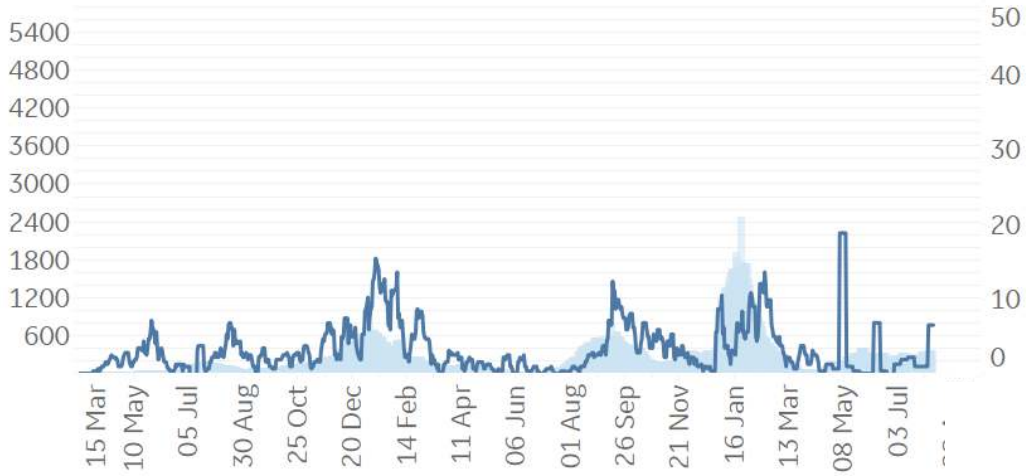


Feature: Trends in CC Ecosystem Cities

Asheville, NC

Daily New Confirmed Cases / 1M (Bars)

7-day Rolling Avg



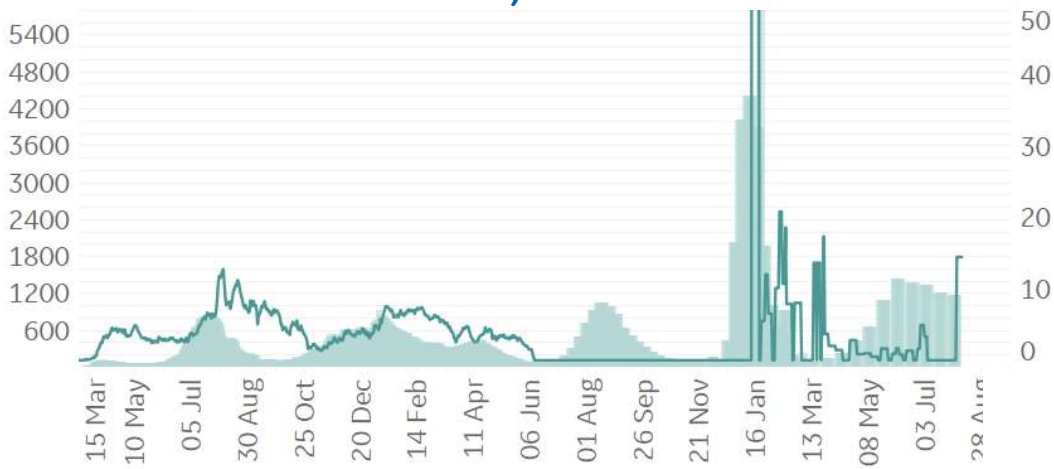
Bradford, UK



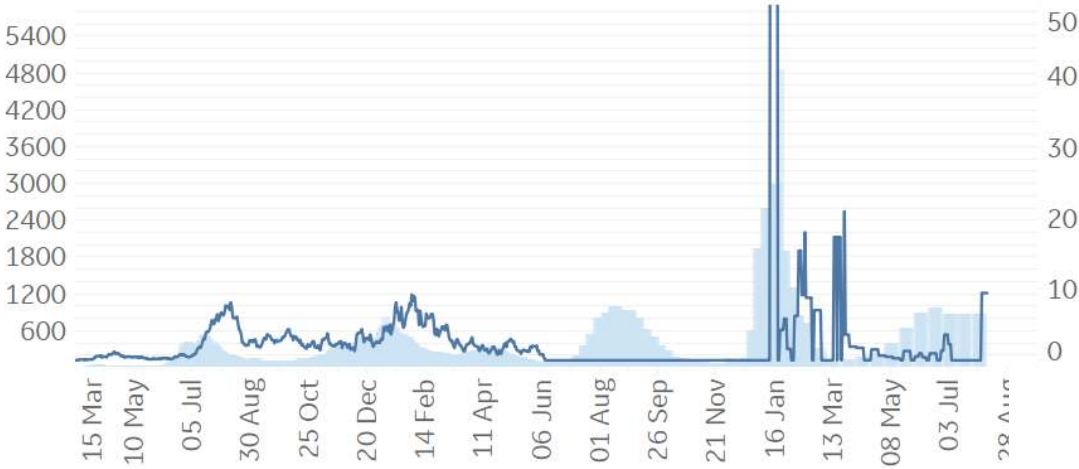
Daily New Deaths / 1M (Lines)

7-day Rolling Avg

Miami, FL



Orlando, FL



*Bradford last updated 4/16/2021
*Large jump in Miami and Orlando deaths due to batched reporting on 11 Jan 2022

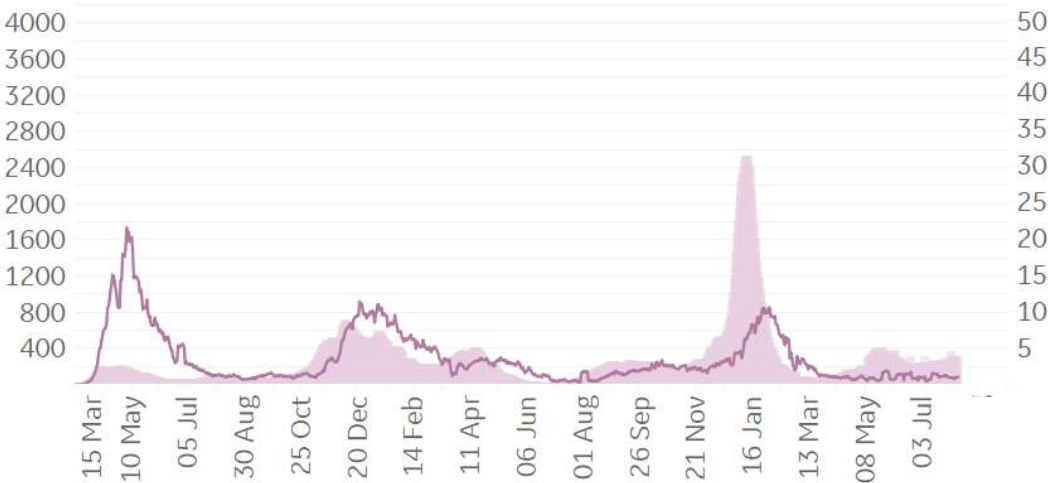


Feature: Trends in CC Ecosystem Cities

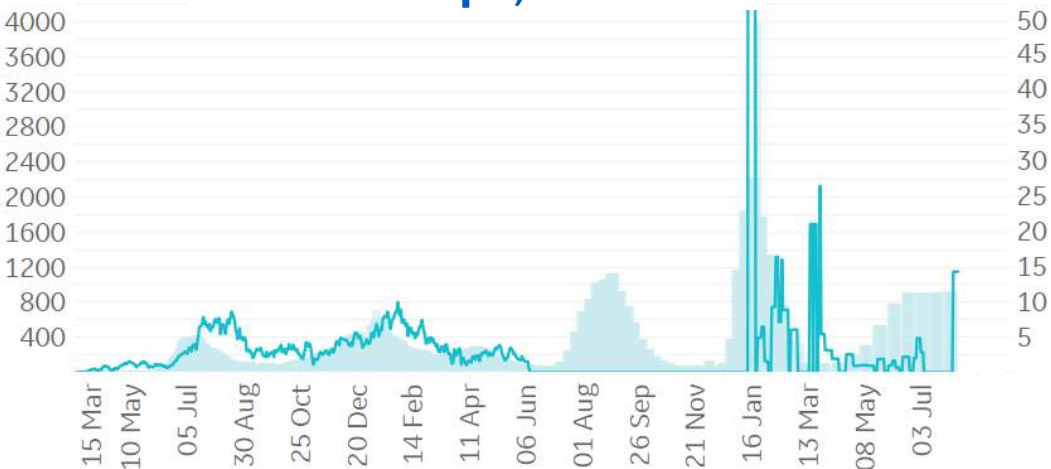
Daily New Confirmed Cases / 1M (Bars)

7-day Rolling Avg

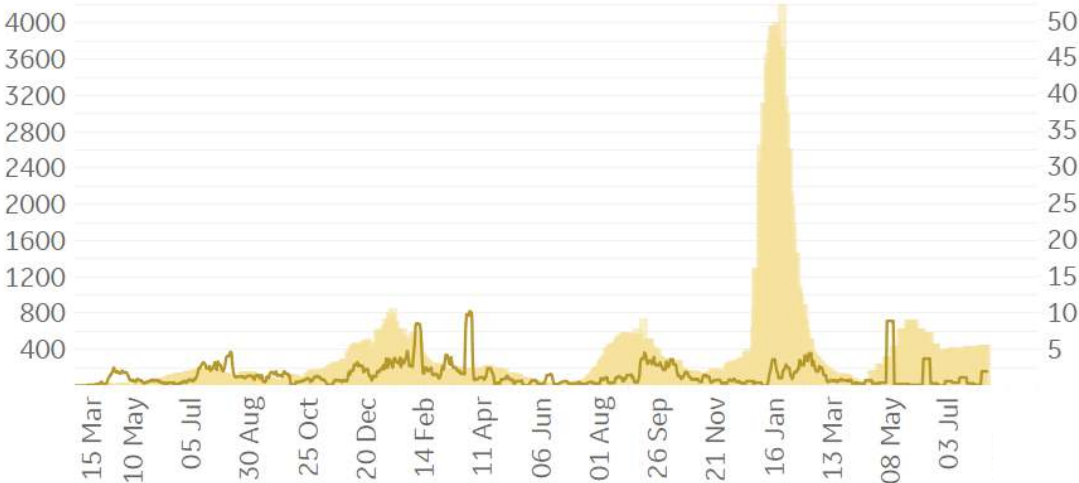
Philadelphia, PA



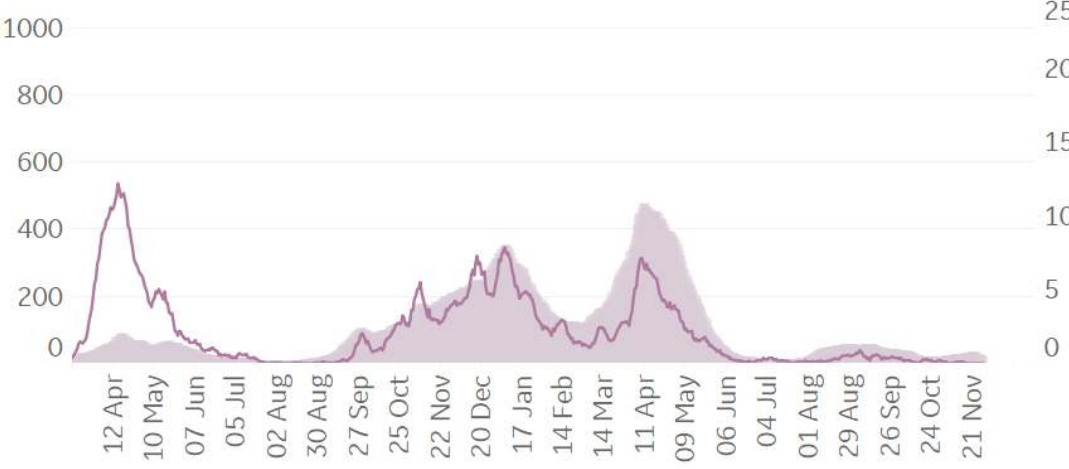
Tampa, FL



Raleigh, NC



Toronto, CA



Daily New Deaths / 1M (Lines)
7-day Rolling Avg

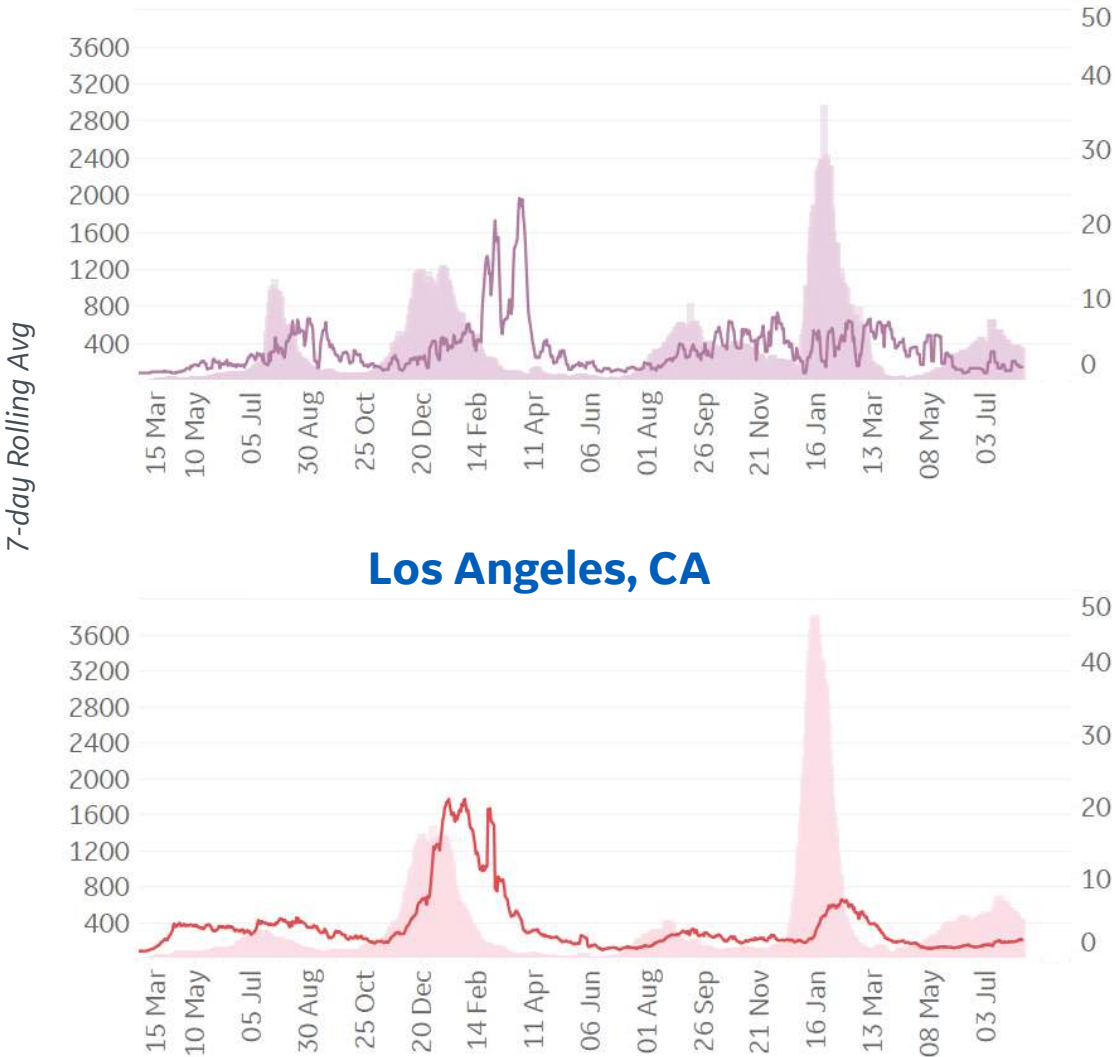
*Large jump in Tampa deaths due to batched reporting on 11 Jan 2022
*Toronto last updated 11/30/2021



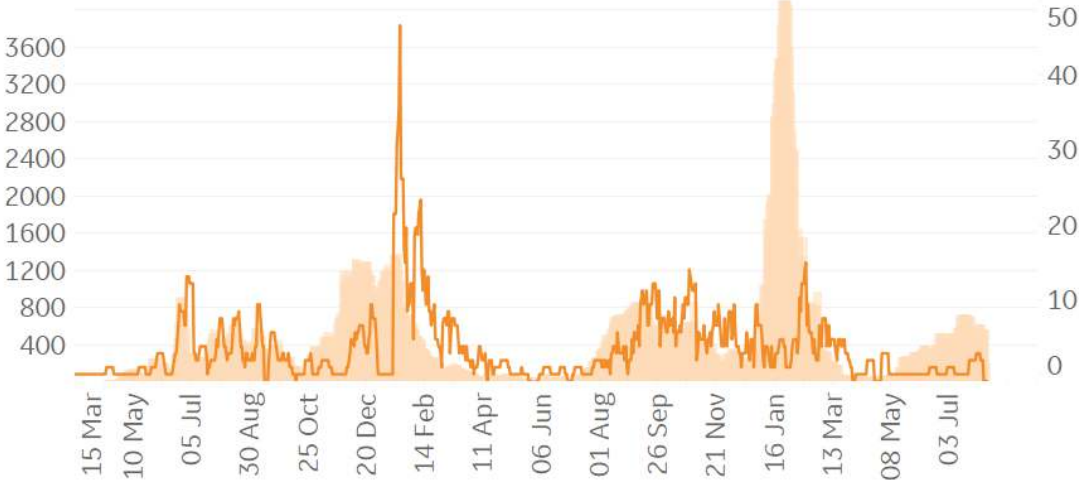
Feature: Trends in CC Ecosystem Cities

Bakersfield, CA

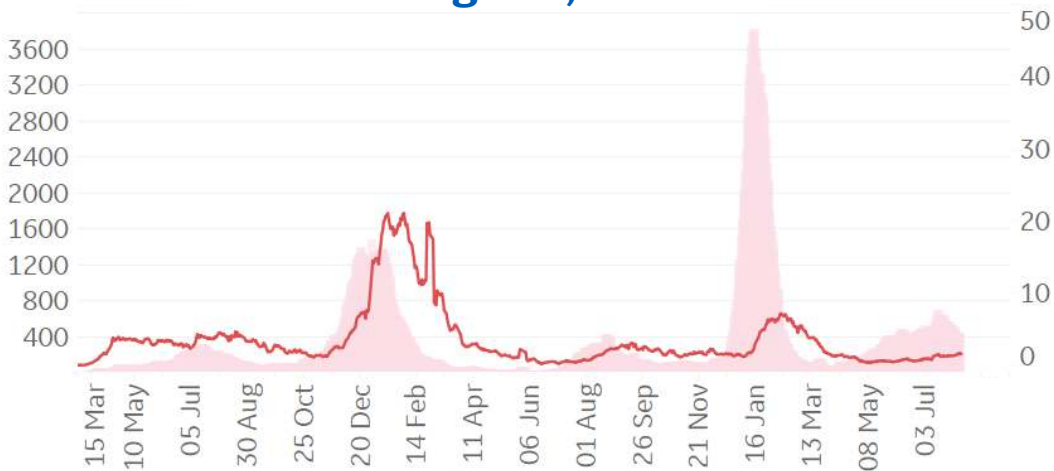
Daily New Confirmed Cases / 1M (Bars)



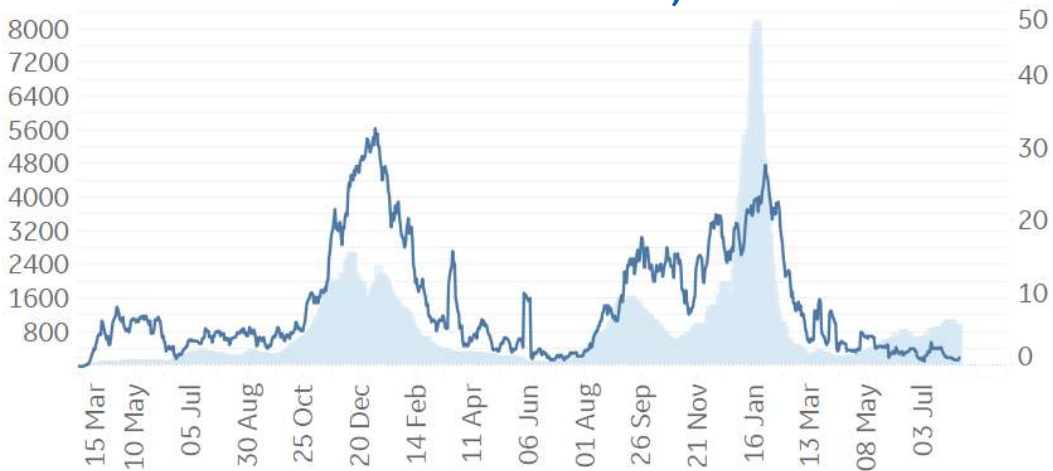
Hanford, CA



Los Angeles, CA



Cincinnati, OH



Daily New Deaths / 1M (Lines)

7-day Rolling Avg



Europe & Middle East

Updated 9 August 2022, 3:30 GMT

Per 1M in Region

	Today	Change
Active Cases	248,748	+0.1%
Confirmed	236	+0.1%
Deaths	1	+0.0%
Recovered	430	+0.2%

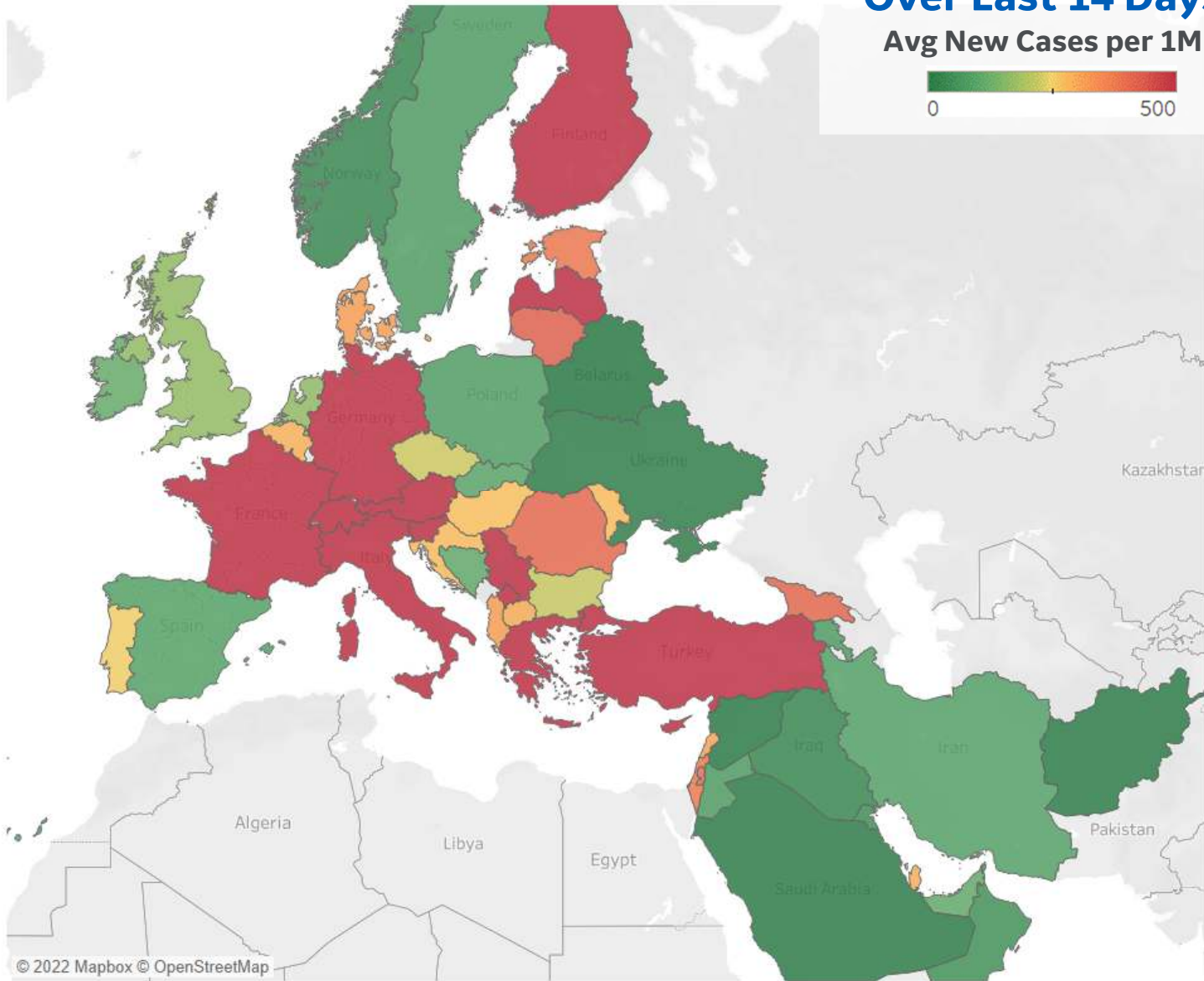
Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Greece	1,808	5
Austria	832	1
Italy	758	3
Slovenia	753	1
Cyprus	730	3
Latvia	713	1
Germany	708	1
Serbia	670	1
Turkey	654	0
Kosovo	611	1
Finland	608	3
France	592	1
Switzerland	504	0
Lithuania	420	1
Georgia	407	0

Top 15 countries selected by 14-day avg new cases per 1M
Excl. countries with population < 1M

Over Last 14 Days

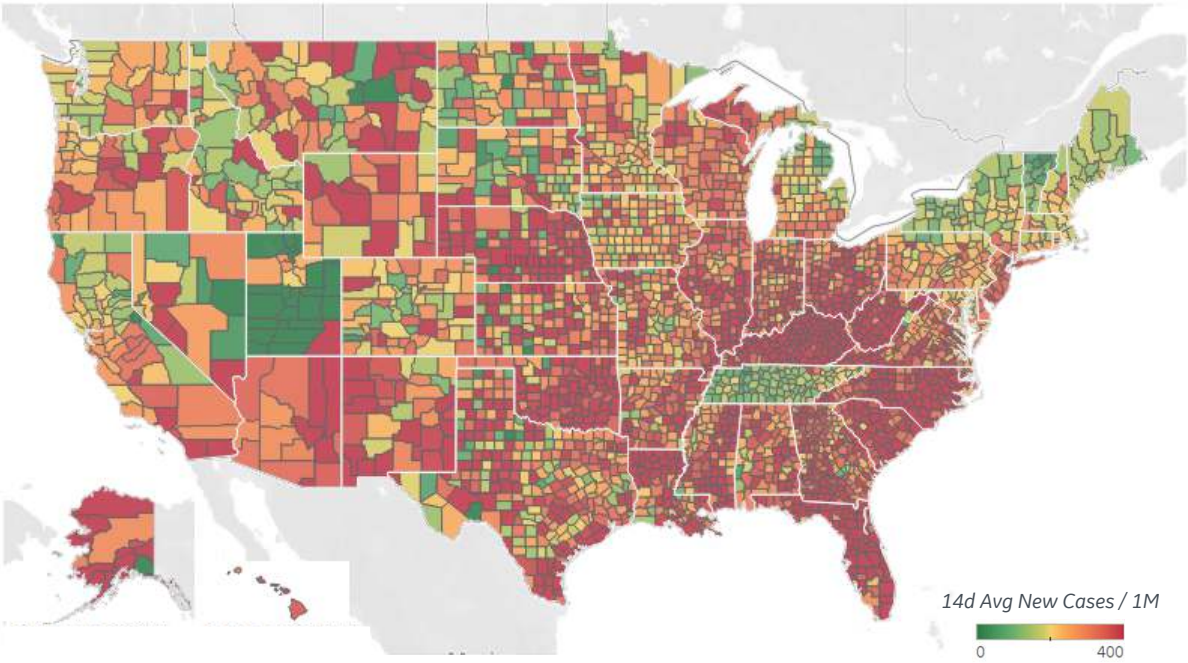
Avg New Cases per 1M





US Counties: Recent Cases and Deaths

Average New Cases per 1M Over Last 14 Days

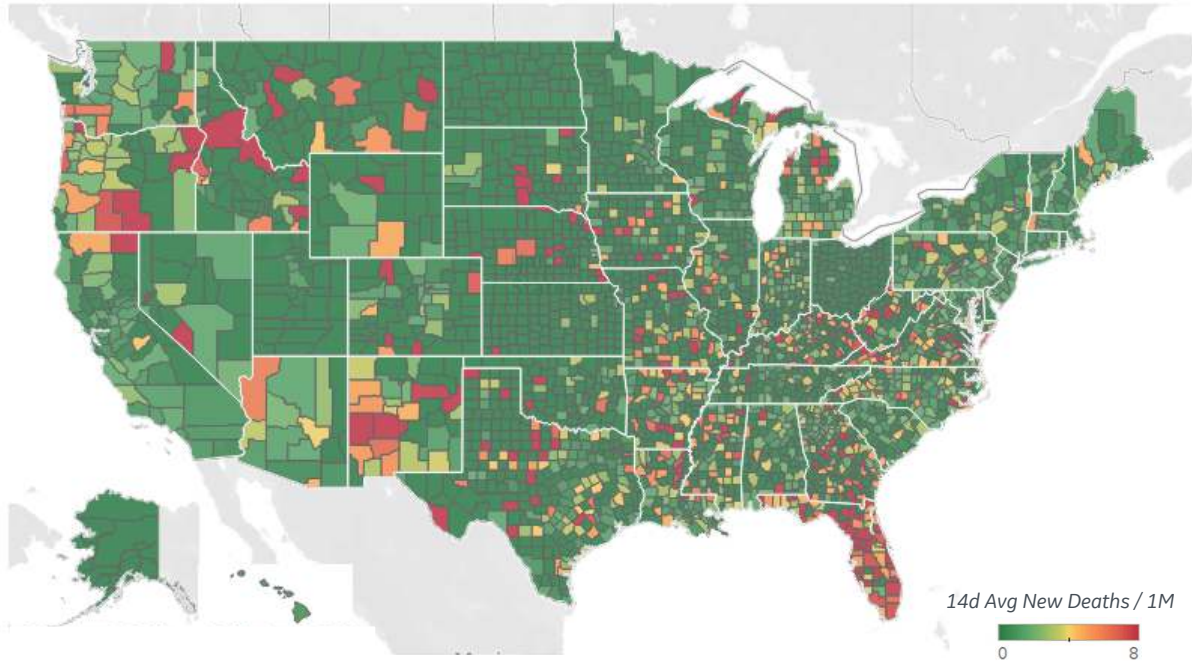


Top 10 by New Confirmed

Avg New Confirmed Cases / 1M

Clark County, NV	984
Douglas County, NE	884
Leon County, FL	850
Lancaster County, NE	829
Miami-Dade County, FL	732
Richland County, SC	667
Lexington County, SC	614
Polk County, FL	581
Alachua County, FL	574
Fayette County, KY	570

Average New Deaths per 1M Over Last 14 Days



Top 10 by New Deaths

Avg New Deaths/ 1M

Marion County, FL	12
Sarasota County, FL	10
Manatee County, FL	10
Pinellas County, FL	9
Lake County, FL	9
Escambia County, FL	8
Brevard County, FL	8
Palm Beach County, FL	8
Miami-Dade County, FL	7
Polk County, FL	7

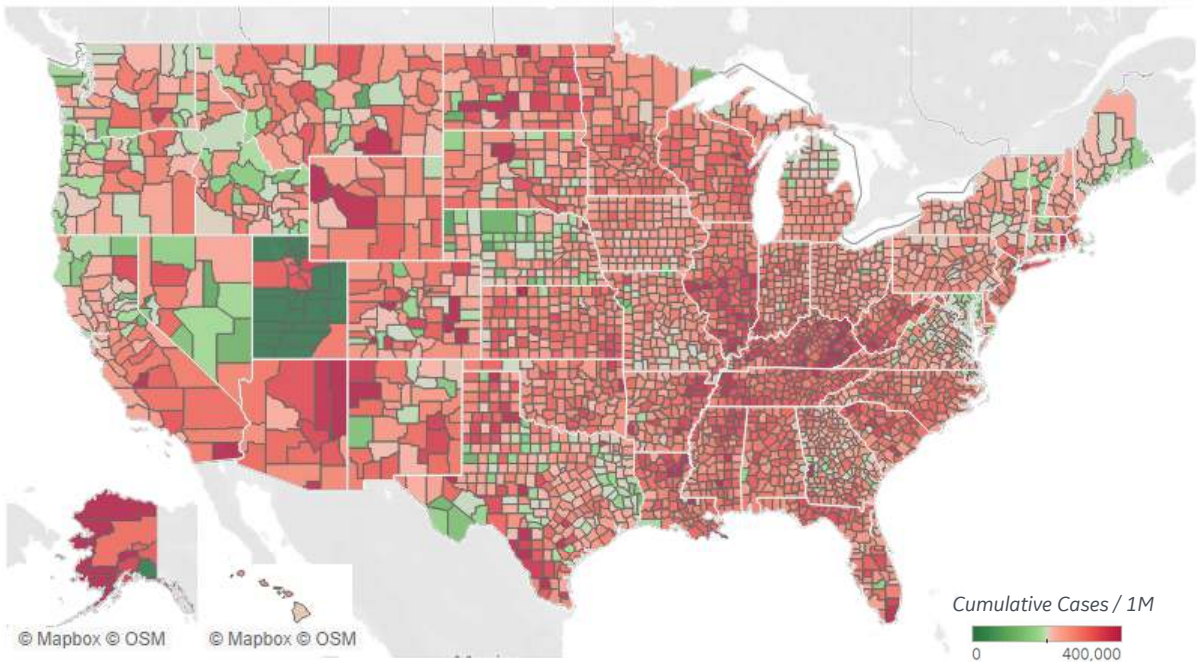
Note: Lists includes counties ≥ 250K population

*Nebraska data not available



US Counties: Cumulative Cases and Deaths

Confirmed **Cases** per 1M to date

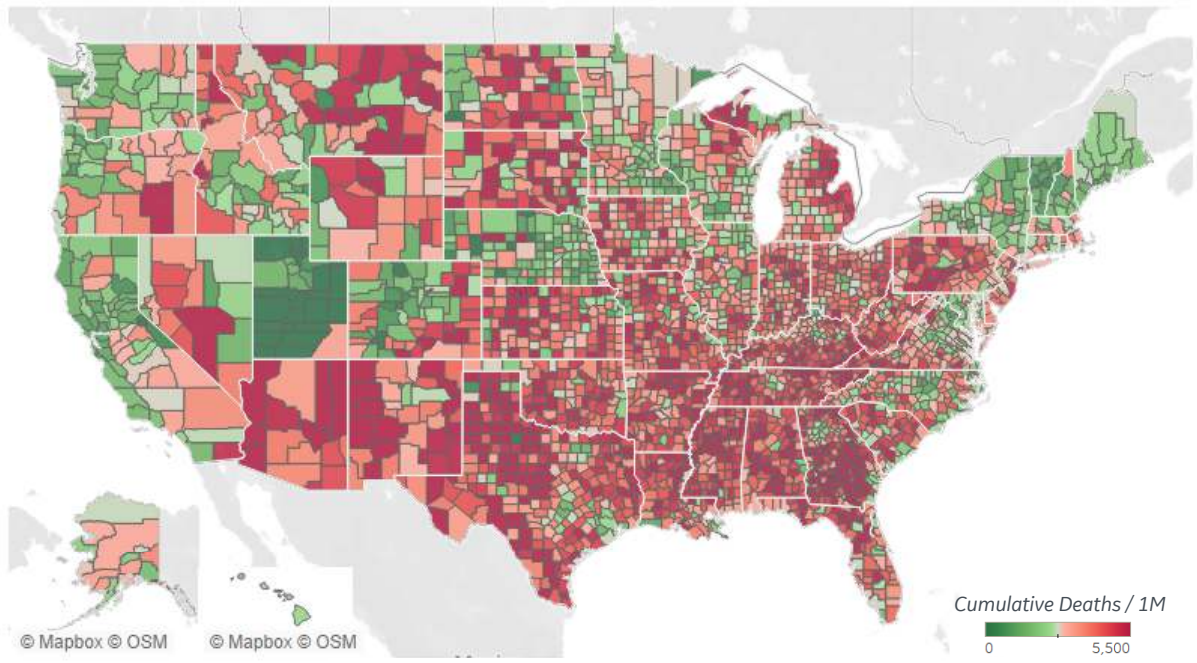


Top 10 Counties

Total Confirmed Cases / 1M

Miami-Dade County, FL	515,911
Anchorage Municipality, AK	406,806
Providence County, RI	388,652
Webb County, TX	372,721
Broward County, FL	361,150
Lexington County, SC	357,540
Greenville County, SC	354,932
Nassau County, NY	352,511
Brown County, WI	351,509
Osceola County, FL	349,987

Reported **Deaths** per 1M to date



Top 10 Counties

Total Reported Deaths/ 1M

New York City*	7,724
Marion County, FL	6,029
Ocean County, NJ	5,054
Spartanburg County, SC	4,894
Cameron County, TX	4,863
Passaic County, NJ	4,721
Macomb County, MI	4,710
Wayne County, MI	4,694
Stark County, OH	4,690
Essex County, NJ	4,576

* New York City counties

aggregated into one reporting area

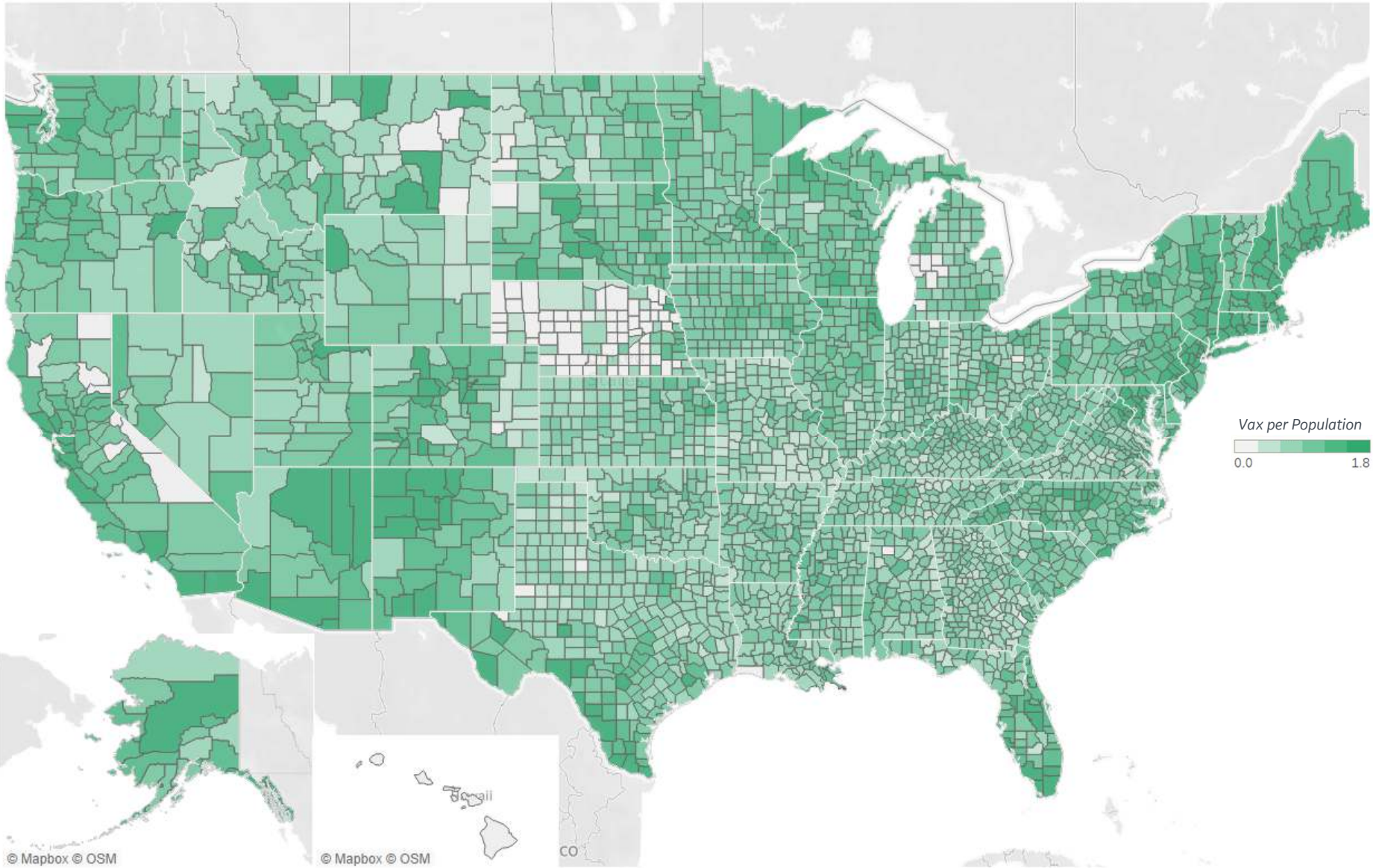
Note: Lists includes counties > 250K population



US Counties: Total Vaccinations per Population

Updated 9 August 2022, 3:30 GMT

25



Top 20 Counties

Total Vaccinations per Population

Webb County, TX	2.82
Montgomery County, MD	1.94
Miami-Dade County, FL	1.94
Cumberland County, ME	1.92
El Paso County, TX	1.91
Marin County, CA	1.89
Hidalgo County, TX	1.88
Fairfield County, CT	1.88
Wake County, NC	1.87
Montgomery County, PA	1.86
Chester County, PA	1.86
Howard County, MD	1.85
Westchester County, NY	1.84
Nassau County, NY	1.83
Santa Clara County, CA	1.83
Middlesex County, MA	1.81
San Francisco County, CA	1.81
San Mateo County, CA	1.80
Durham County, NC	1.80
Cameron County, TX	1.79

* New York City counties aggregated into one reporting area

* Data not available for Hawaii, Idaho, and some counties in Georgia, West Virginia



Canada

Per 1M in Region

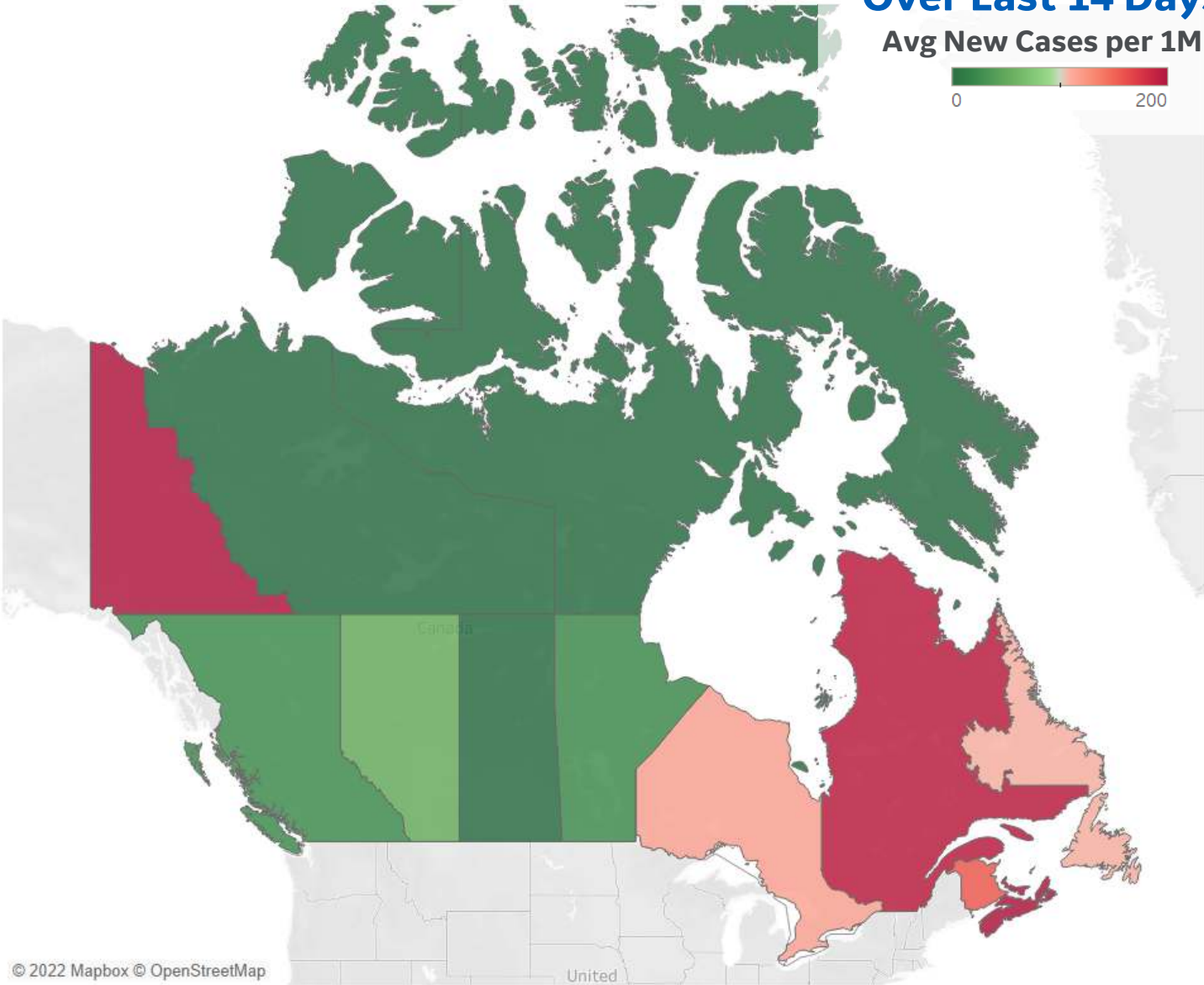
	Today	Change
Active Cases	107,276	+0.0%
Confirmed	35	+0.0%
Deaths	0	+0.0%
Recovered	52	+0.0%

Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Quebec	193	1
Ontario	115	1
Alberta	55	0
British Columbia	27	1
Manitoba	26	1
Saskatchewan	0	0

Over Last 14 Days

Avg New Cases per 1M



Top 15 countries selected by 14-day avg new cases per 1M
Excl. countries with population < 1M



Central & South America

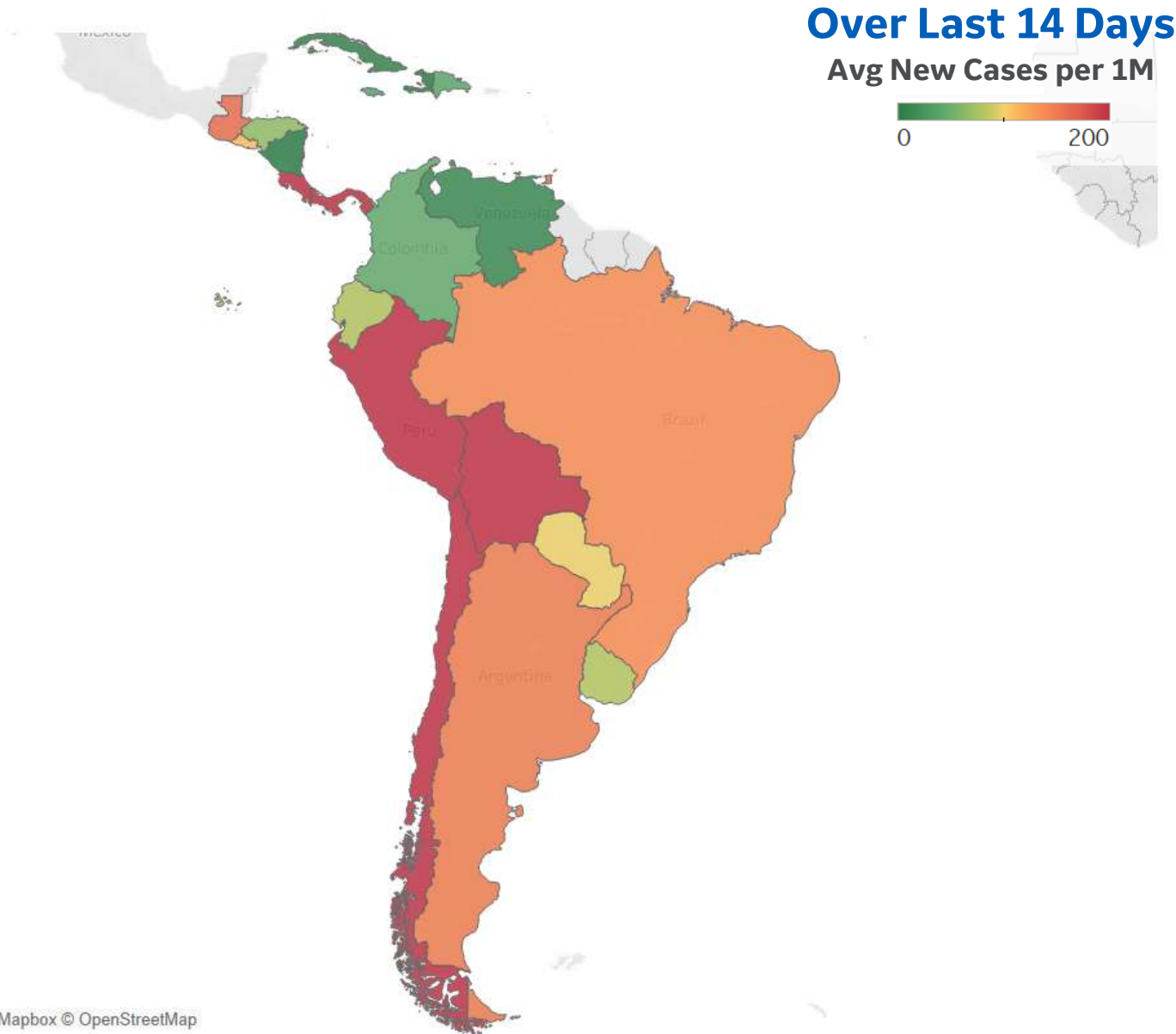
Per 1M in Region

	Today	Change
Active Cases	129,338	+0.05%
Confirmed	67	+0.05%
Deaths	0.4	+0.02%
Recovered	114	+0.09%

Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Costa Rica	774	1
Chile	460	2
Bolivia	364	0
Panama	302	1
Peru	264	1
Guatemala	160	1
Trinidad and Tobago	159	1
Argentina	150	0
Brazil	139	1
El Salvador	108	0
Paraguay	98	1
Uruguay	81	1
Ecuador	80	0
Honduras	65	0
Colombia	44	1

Top 15 countries selected by 14-day avg new cases per 1M
Excl. countries with population < 1M





Brazil

Per 1M in Region

	Today	Change
Active Cases	156,924	+0.1%
Confirmed	82	+0.1%
Deaths	1	+0.0%
Recovered	143	+0.1%

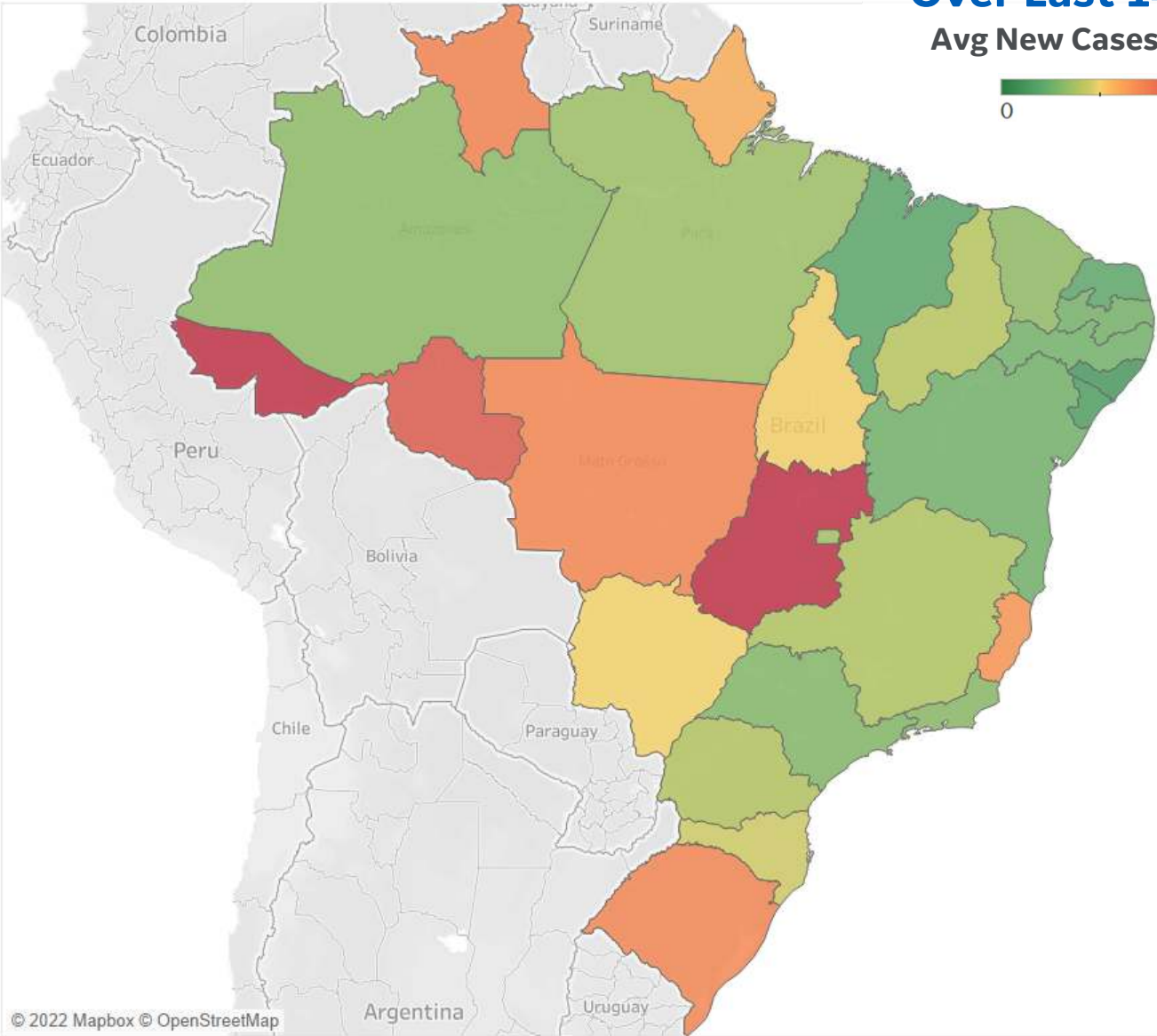
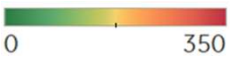
Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Goiás	497	1
Rondônia	304	1
Rio Grande do Sul	252	1
MatoGrosso	247	1
Espírito Santo	230	1
Tocantins	176	0
MatoGrosso do Sul	175	1
Santa Catarina	158	1
Piauí	143	1
Paraná	140	2
Minas Gerais	138	1
Distrito Federal	129	0
Pará	123	0
Ceará	115	1
Amazonas	112	0

Top 15 countries selected by 14-day avg new cases per 1M
Excl. countries with population < 1M

Over Last 14 Days

Avg New Cases per 1M





Per 1M in Region

	Today	Change
Active Cases	33,581	+0.3%
Confirmed	88	+0.3%
Deaths	0.1	+0.0%
Recovered	68	+0.2%

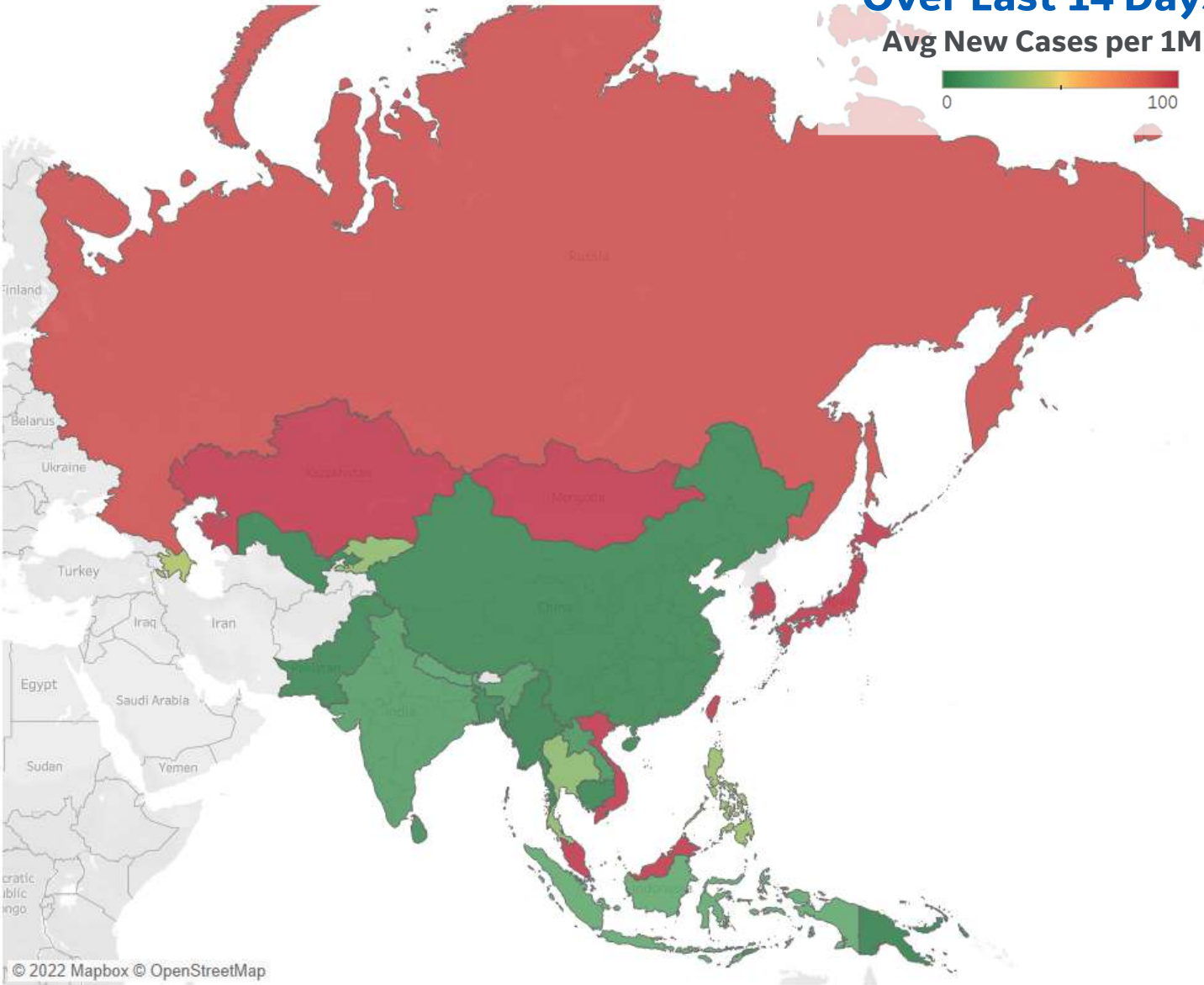
Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
South Korea	1,877	1
Japan	1,652	1
Singapore	1,202	1
Taiwan*	919	2
Mongolia	505	0
Vietnam	426	0
Kazakhstan	133	0
Malaysia	125	0
Russia	93	0
Azerbaijan	39	0
Philippines	34	0
Kyrgyzstan	31	0
Thailand	31	0
Indonesia	20	0
Nepal	16	0

Top 15 countries selected by 14-day avg new cases per 1M
Excl. countries with population < 1M

Over Last 14 Days

Avg New Cases per 1M





Oceania

Per 1M in Region

	Today	Change
Active Cases	365,495	+0.3%
Confirmed	1,115	+0.3%
Deaths	5	+1.0%
Recovered	1,590	+0.5%

Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
New Zealand	1,422	3
Australia	1,398	3

Over Last 14 Days Avg New Cases per 1M



Top 15 countries selected by 14-day avg new cases per 1M
Excl. countries with population < 1M



Africa

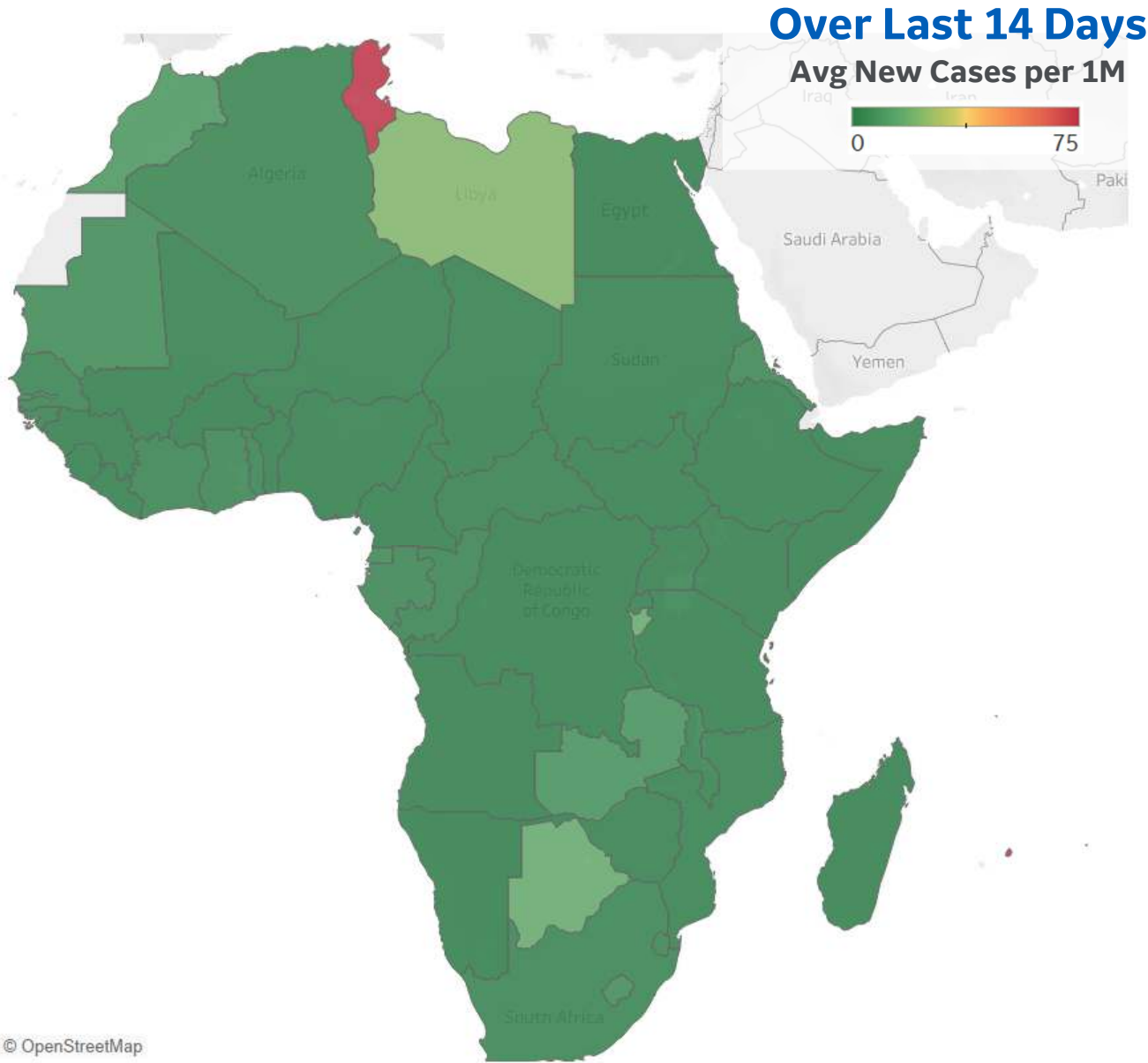
Per 1M in Region

	Today	Change
Active Cases	8,993	+0.02%
Confirmed	1	+0.02%
Deaths	0.01	+0.0%
Recovered	7	+0.1%

Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Mauritius	424	0
Tunisia	123	1
Libya	22	0
Burundi	17	0
Botswana	16	0
Morocco	9	0
Zambia	7	0
Lesotho	6	0
Gambia	5	0
Mauritania	5	0
Eq. Guinea	4	0
Eritrea	4	0
Gabon	3	0
Eswatini	3	0
Ghana	3	0

Top 15 countries selected by 14-day avg new cases per 1M
Excl. countries with population < 1M





Sources



*** Per 1M = Per 1 Million Population unless otherwise noted*

Johns Hopkins Coronavirus Resource Center:

<https://coronavirus.jhu.edu/map.html>

Worldometer Coronavirus Reporting:

<https://www.worldometers.info/coronavirus/>

Public Health England:

<https://www.gov.uk/government/publications/covid-19-track-coronavirus-cases>

US Department of Homeland Security, Homeland Infrastructure Foundation-Level Data:

<https://hifld-geoplatform.opendata.arcgis.com/datasets/hospitals>

National Health Commission of the PRC:

<http://www.nhc.gov.cn/xcs/yqtb/202003/bf66696029ba420098164607240074f8.shtml>

CDC, Severe Outcomes Among Patients with Coronavirus Disease 2019 (COVID-19):

<https://www.cdc.gov/mmwr/volumes/69/wr/mm6912e2.htm>

UK Office for National Statistics:

<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/deathsregister-edweeklyinenglandandwalesprovisional/weekending24april2020>

European Centre for Disease Prevention and Control:

<https://www.ecdc.europa.eu/en/publications-data/download-data-hospital-and-icu-admission-rates-and-current-occupancy-covid-19>

Secretary of Health, Mexico:

<https://www.gob.mx/salud/en>

Canada Regional Data:

<https://health-infobase.canada.ca/covid-19/epidemiological-summary-covid-19-cases.html#fn1>

Canada Regional Populations (Q4 2019):

<https://www150.statcan.gc.ca/t1/tbl1/en/tv.action?pid=1710000901>

CDC COVID Data Tracker:

<https://covid.cdc.gov/covid-data-tracker/#vaccinations>

Oxford COVID-19 Government Response Tracker:

<https://www.bing.com/search?q=oxford+stringency+index+countries&PC=U316&FORM=CHROMN>

US Population by Age:

<https://wonder.cdc.gov/>

U.S. Department of Health and Human Services:

<https://healthdata.gov/dataset/COVID-19-Reported-Patient-Impact-and-Hospital-Capa/4cnb-m4rz/data>

Worldwide Survival Rate, last 30d calculation =

$$\frac{[(Total\ Confirmed - Total\ Confirmed\ 30d\ ago) - (Total\ Deaths - Total\ Deaths\ 30d\ ago)]}{(Total\ Confirmed - Total\ Confirmed\ 30d\ ago)}$$

US Excess Deaths 2015-2019:

<https://data.cdc.gov/NCHS/Monthly-Counts-of-Deaths-by-Select-Causes-2014-201/bxq8-mugm>

US Excess Deaths 2020-2022:

<https://data.cdc.gov/NCHS/Monthly-Provisional-Counts-of-Deaths-by-Select-Cau/9dzk-mvmi>