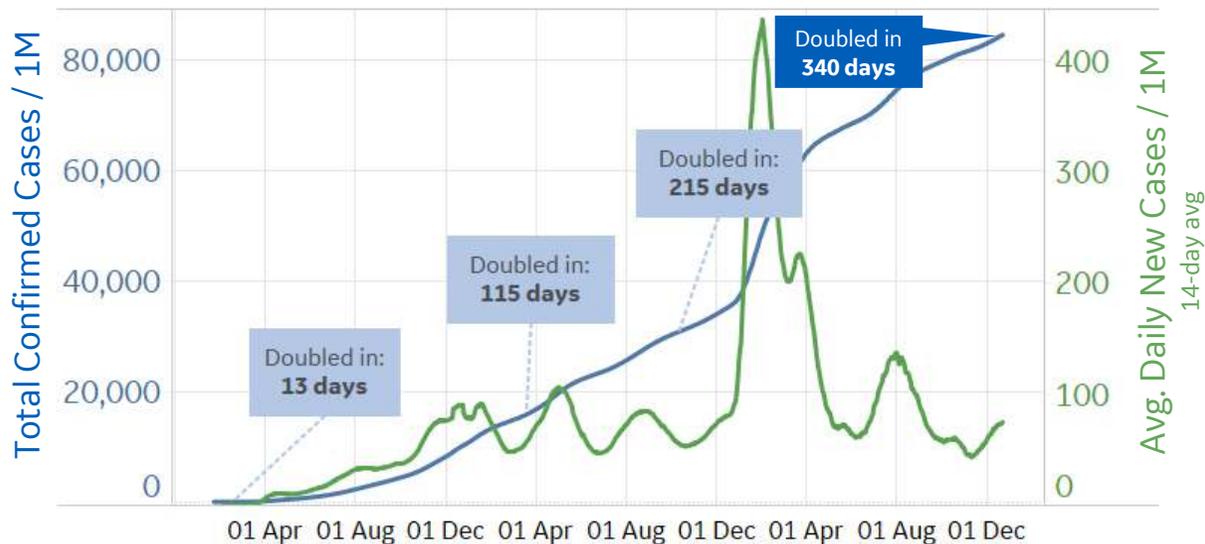




# Global Confirmed Cases & Deaths

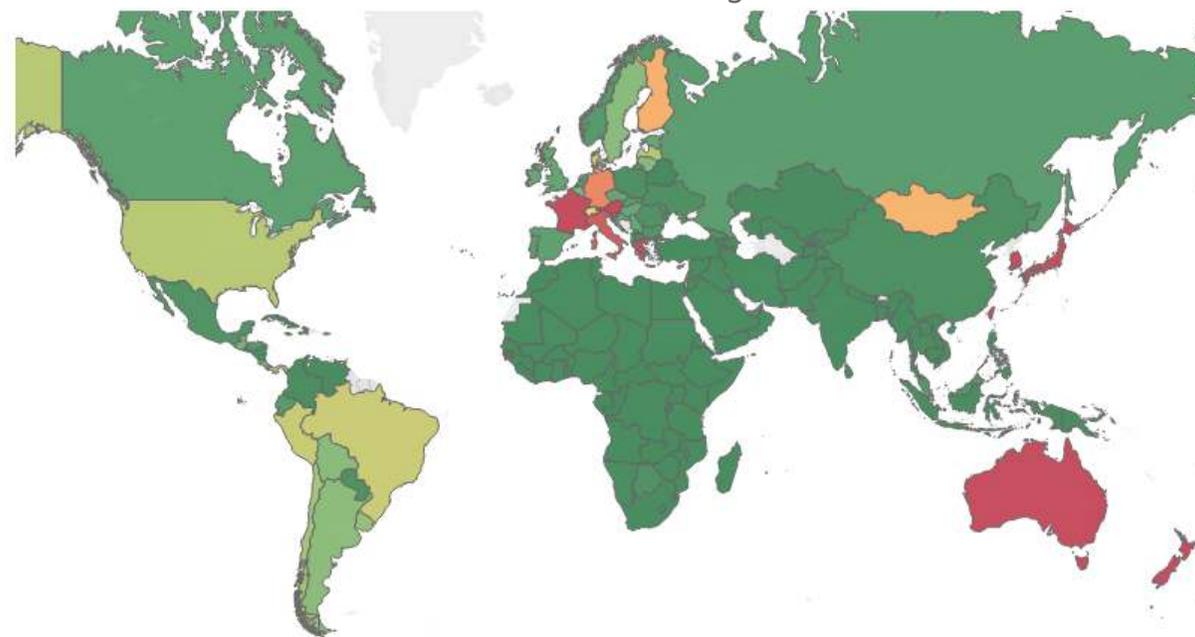


### Trend since 22 Jan 2020



### Avg. Daily New Cases / 1M

Over the last 14 days



Per 1M:	New Today	Change from 30 days ago
Active	91	+3%
Confirmed	91	+3%
Deaths	0	+1%
Recovered	81	+2%
<b>Worldwide Survival Rate</b>	<b>To Date</b> 99.0%	<b>Last 30 Days</b> 99.7%

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



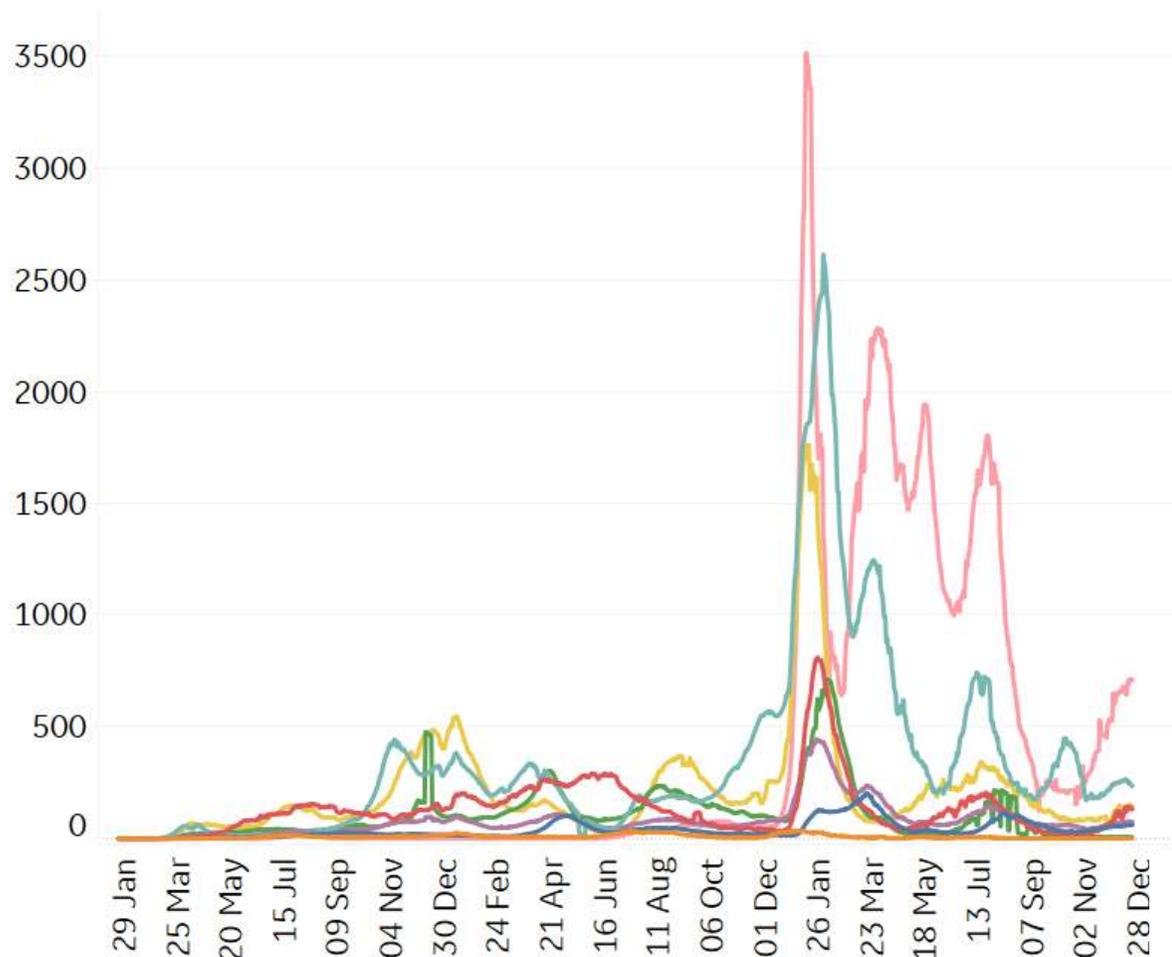
# New Confirmed Cases & New Deaths



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

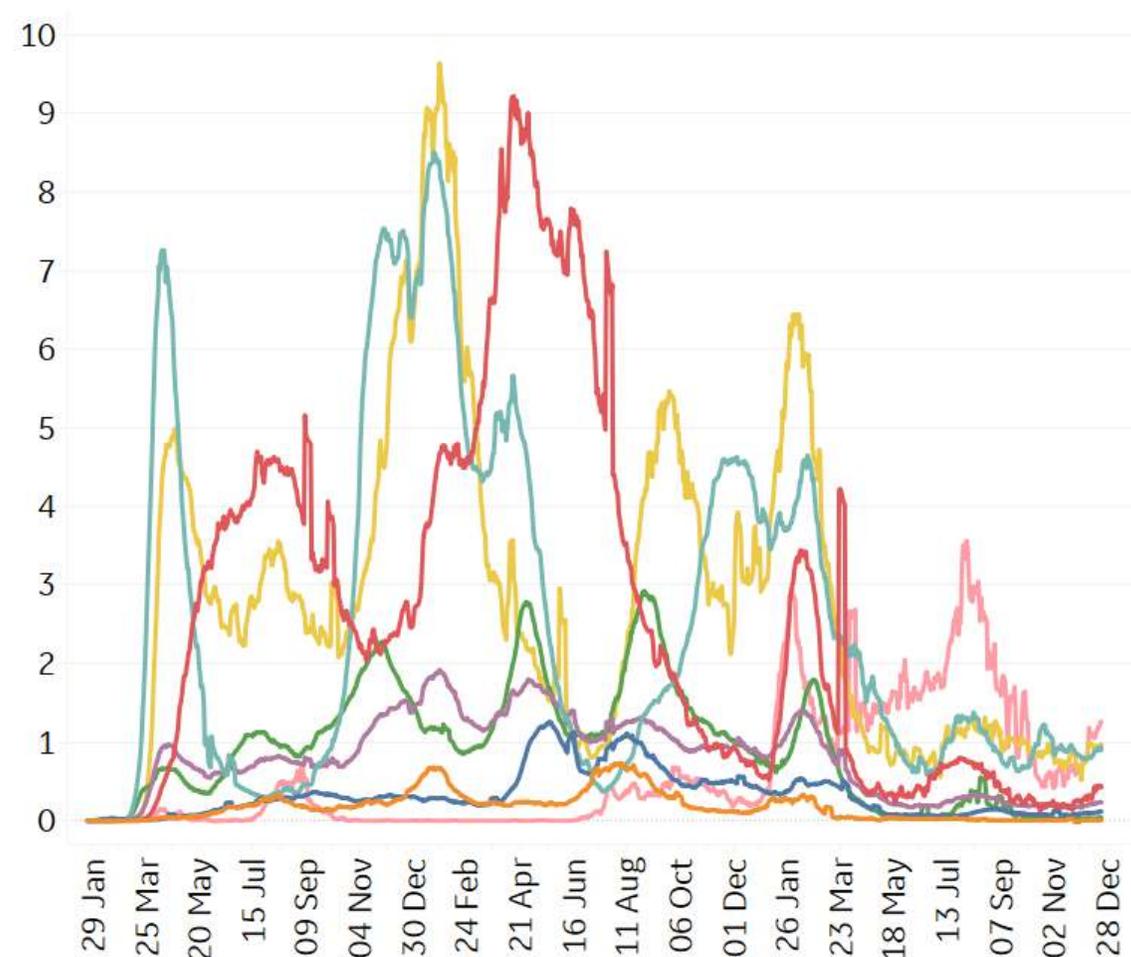
## New Confirmed Cases / 1M

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	23	0	185,771	179,942	5,481	6%	-12%
Hungary	76	1	225,812	219,725	5,014	16%	11%
Croatia	80	2	306,994	301,603	4,259	29%	20%
Georgia	0	0	453,249	448,721	4,235	-4%	40%
Czechia	67	1	427,232	422,272	3,926	-67%	-28%
Slovakia	43	0	486,346	481,899	3,808	12%	61%
Romania	25	0	171,801	167,972	3,500	47%	44%
Lithuania	117	0	471,727	466,368	3,475	-1%	-15%
Slovenia	827	1	622,306	607,080	3,356	35%	14%
Greece	654	2	532,328	519,418	3,337	13%	-2%
Chile	184	1	261,146	255,412	3,291	-17%	-18%
US	199	1	302,670	296,636	3,291	22%	30%
Latvia	179	2	515,247	509,318	3,255	-12%	45%
UK	78	0	358,229	354,098	3,151	38%	-99%
Italy	413	2	411,566	401,988	3,029	-13%	16%
Argentina	197	0	217,481	212,626	2,878	461%	171%
Belgium	123	1	402,470	397,879	2,866	34%	112%
EU	303	1	406,599	399,417	2,667	2%	20%
Portugal	26	1	544,612	541,410	2,520	-24%	44%
Spain	57	1	291,975	288,701	2,495	-11%	18%
France	752	2	601,000	586,748	2,481	0%	50%
Austria	530	1	628,729	618,887	2,370	4%	11%
Uruguay	203	0	288,735	284,377	2,174	202%	0%
Estonia	88	4	460,818	457,576	2,139	42%	-10%
Sweden	160	2	262,564	258,507	2,115	111%	19%

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
Serbia	83	0	278,944	275,840	2,000	21%	-13%
Panama	165	0	236,620	231,924	1,982	-13%	50%
Germany	393	1	443,240	436,000	1,915	20%	11%
Costa Rica	113	0	227,026	223,759	1,778	43%	-13%
Ireland	85	1	341,786	339,042	1,679	47%	2%
Switzerland	228	0	506,875	501,745	1,637	-20%	-39%
Lebanon	9	0	179,005	177,291	1,574	55%	-67%
Finland	272	5	257,809	252,218	1,405	13%	22%
Israel	157	1	549,065	545,486	1,384	-20%	-7%
Jordan	0	0	171,222	169,838	1,384	N/A	N/A
Netherlands	50	0	506,069	503,993	1,381	6%	-60%
Denmark	200	1	591,158	586,833	1,334	46%	116%
Turkey	0	0	200,614	199,415	1,200	N/A	N/A
Cyprus	409	1	518,124	511,031	1,035	-11%	-32%
Bahrain	34	0	410,225	408,628	904	-16%	200%
Norway	42	2	271,747	270,350	843	33%	23%
Mauritius	223	0	228,013	220,263	817	-5%	50%
Australia	627	1	430,863	421,617	657	12%	63%
Mongolia	14	0	307,249	302,488	651	384%	-100%
Taiwan*	653	1	362,126	352,575	630	6%	-8%
South Korea	1,311	1	555,234	536,720	617	20%	3%
New Zealand	1,268	1	429,072	411,406	475	35%	0%
Japan	1,222	2	218,250	201,799	427	36%	47%
Singapore	189	0	374,797	371,710	292	-7%	-50%
Total World	75	0	84,576	82,665	861	14%	25%

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		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		New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
EU	134,938	531	181,038,464	177,840,517	1,187,271	2%	20%	Hungary	739	8	2,181,419	2,122,617	48,439	16%	11%
US	65,821	430	100,184,506	98,187,242	1,089,340	22%	30%	Vietnam	266	0	11,523,567	11,475,830	43,181	-28%	-67%
Brazil	41,861	145	36,044,441	34,703,730	692,461	106%	133%	Czechia	719	9	4,575,220	4,522,104	42,044	-67%	-28%
India	153	3	44,677,739	44,144,732	530,681	-37%	-26%	Malaysia	951	5	5,020,384	4,968,418	36,821	-49%	-25%
Russia	7,202	55	21,428,388	20,943,820	385,248	18%	-2%	Greece	6,821	24	5,548,487	5,413,921	34,779	13%	-2%
Mexico	3,833	15	7,196,485	6,822,018	330,834	58%	46%	Thailand	488	16	4,718,908	4,678,023	33,505	-20%	23%
Peru	5,686	32	4,430,160	4,112,561	217,960	-25%	41%	Belgium	1,430	11	4,664,481	4,611,267	33,211	34%	112%
UK	5,316	0	24,318,728	24,038,308	213,893	38%	-99%	South Korea	67,238	54	28,466,390	27,517,210	31,611	20%	3%
Italy	24,947	103	24,884,034	24,304,942	183,138	-13%	16%	Bangladesh	17	0	2,036,987	2,007,279	29,438	1%	-60%
France	49,100	107	39,229,380	38,299,106	161,915	0%	50%	Portugal	270	7	5,553,251	5,520,597	25,693	-24%	44%
Indonesia	1,223	22	6,712,826	6,529,066	160,466	-62%	-40%	Iraq	105	1	2,465,107	2,439,002	25,373	-46%	133%
Germany	32,934	119	37,136,414	36,529,811	160,424	20%	11%	Netherlands	862	2	8,671,425	8,635,863	23,660	6%	-60%
Iran	48	2	7,560,629	7,415,327	144,672	14%	35%	Sweden	1,619	19	2,651,702	2,610,727	21,364	111%	19%
Colombia	753	0	6,322,281	6,175,129	141,881	21%	N/A	Austria	4,774	8	5,662,588	5,573,941	21,345	4%	11%
Argentina	8,894	6	9,829,236	9,609,776	130,080	461%	171%	Slovakia	234	3	2,655,276	2,630,996	20,792	12%	61%
Ukraine	57	1	5,657,843	5,529,366	118,614	73%	31%	Serbia	722	4	2,437,237	2,410,120	17,479	21%	-13%
Poland	N/A	N/A	6,363,329	6,237,634	118,448	19%	69%	Australia	15,999	35	10,986,958	10,751,177	16,756	12%	63%
Spain	2,658	34	13,651,239	13,498,149	116,658	-11%	18%	China	18,700	42	4,313,712	3,987,722	16,589	-45%	108%
South Africa	216	3	4,046,986	3,940,975	102,568	-18%	51%	Taiwan*	15,550	34	8,624,680	8,397,205	14,995	6%	-8%
Turkey	0	0	16,919,638	16,818,435	101,203	N/A	N/A	Switzerland	1,972	1	4,386,815	4,342,416	14,166	-20%	-39%
Romania	484	4	3,305,048	3,231,397	67,341	47%	44%	Israel	1,359	7	4,752,447	4,721,471	11,981	-20%	-7%
Philippines	959	28	4,058,465	3,978,858	65,142	-9%	20%	Denmark	1,156	9	3,424,109	3,399,056	7,729	46%	116%
Chile	3,519	23	4,992,125	4,882,512	62,913	-17%	-18%	New Zealand	6,115	4	2,069,087	1,983,894	2,289	35%	0%
Japan	154,521	248	27,603,549	25,522,841	54,034	36%	47%	Singapore	1,105	0	2,192,690	2,174,628	1,710	-7%	-50%
Canada	1,794	37	4,484,611	4,406,931	48,918	-5%	1%	Total World	577,555	1,828	655,204,812	640,397,886	6,672,225	14%	25%

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

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
Arizona	163	2	326,069	318,942	4,402	-32%	91%
Mississippi	212	1	319,564	312,592	4,396	16%	-6%
Oklahoma	201	1	312,810	305,448	4,384	44%	11%
West Virginia	210	1	346,577	339,729	4,275	38%	-40%
Alabama	215	1	319,983	312,930	4,229	39%	8%
Arkansas	182	1	324,780	318,044	4,199	25%	19%
New Mexico	156	2	313,062	306,177	4,186	-31%	81%
Tennessee	90	1	354,233	347,941	4,180	-14%	-25%
Michigan	205	2	298,165	291,353	4,071	32%	-7%
New Jersey	304	2	326,670	318,561	3,984	25%	48%
Louisiana	782	1	324,322	313,888	3,946	325%	40%
Kentucky	229	1	370,086	363,307	3,945	32%	34%
Georgia	153	2	280,164	273,339	3,896	398%	533%
Florida	283	3	340,490	334,616	3,893	38%	24%
New York	343	2	334,980	326,444	3,842	19%	23%
Pennsylvania	163	2	265,832	259,798	3,812	15%	6%
Nevada	115	1	283,790	278,208	3,800	-20%	45%
Indiana	0	0	295,150	289,947	3,758	-46%	-21%
S. Carolina	237	1	341,873	335,299	3,654	53%	4%
Missouri	190	1	281,055	274,774	3,618	19%	27%
Rhode Island	259	2	416,942	409,865	3,565	248%	933%
South Dakota	101	0	306,822	301,551	3,522	-30%	0%
Ohio	204	0	280,315	274,025	3,486	104%	-94%
Wyoming	95	2	315,470	310,556	3,383	-30%	186%
Montana	145	1	300,571	295,112	3,381	18%	8%

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
Kansas	214	0	313,967	307,758	3,333	10%	-51%
Iowa	158	2	280,267	274,694	3,292	17%	78%
Delaware	192	3	329,218	323,414	3,291	17%	N/A
Massachusetts	204	2	309,626	303,644	3,291	218%	114%
Connecticut	210	3	264,009	257,942	3,291	22%	319%
Illinois	274	1	311,472	304,568	3,201	20%	30%
North Dakota	22	1	366,545	361,826	3,168	-40%	N/A
Texas	154	1	282,588	277,298	3,163	30%	67%
Idaho	107	1	285,684	281,225	2,967	-14%	-21%
Wisconsin	207	1	335,242	329,588	2,705	11%	9%
Virginia	232	1	256,020	250,368	2,651	44%	-27%
N. Carolina	227	1	316,246	310,764	2,634	62%	-48%
Maryland	178	1	216,533	211,561	2,628	32%	8%
Minnesota	146	2	305,923	301,255	2,521	132%	129%
California	108	1	296,158	291,136	2,484	-15%	48%
Nebraska	202	0	284,061	278,359	2,417	58%	-71%
Colorado	162	2	300,196	295,570	2,398	-14%	15%
Oregon	122	0	222,091	218,169	2,122	-10%	-18%
New Hampshire	163	1	268,851	264,620	2,094	34%	-14%
Maine	125	0	226,923	223,040	2,067	30%	-13%
DC	118	0	244,600	241,164	1,994	19%	-100%
Alaska	74	4	411,593	408,601	1,989	-18%	N/A
Washington	118	2	246,772	243,123	1,969	4%	100%
Utah	145	1	333,661	330,044	1,610	-30%	-11%
Vermont	86	2	237,233	234,668	1,268	4%	-9%
Hawaii	120	1	262,102	259,180	1,242	0%	17%

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		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		New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
California	4,260	35	11,701,847	11,503,414	98,165	-15%	48%	Minnesota	821	9	1,725,293	1,698,970	14,220	132%	129%
Texas	4,453	17	8,193,885	8,040,500	91,711	30%	67%	Colorado	932	9	1,728,749	1,702,111	13,809	-14%	15%
Florida	6,079	58	7,312,963	7,186,804	83,606	38%	24%	Mississippi	630	3	951,070	930,319	13,083	16%	-6%
New York	6,672	40	6,516,559	6,350,500	74,744	19%	23%	Arkansas	549	4	980,122	959,793	12,672	25%	19%
Pennsylvania	2,087	19	3,403,177	3,325,935	48,798	15%	6%	Connecticut	749	11	941,267	919,638	11,733	22%	319%
Georgia	1,627	17	2,974,619	2,902,158	41,361	398%	533%	Nevada	353	4	874,117	856,925	11,705	-20%	45%
Ohio	2,388	0	3,276,630	3,203,103	40,747	104%	-94%	Iowa	499	6	884,263	866,679	10,387	17%	78%
Michigan	2,046	21	2,977,727	2,909,704	40,657	32%	-7%	Kansas	624	1	914,683	896,597	9,709	10%	-51%
Illinois	3,470	15	3,946,915	3,859,436	40,564	20%	30%	Oregon	516	2	936,721	920,179	8,948	-10%	-18%
New Jersey	2,702	14	2,901,542	2,829,521	35,387	25%	48%	New Mexico	328	3	656,437	642,001	8,778	-31%	81%
Arizona	1,183	16	2,373,361	2,321,492	32,038	-32%	91%	West Virginia	377	2	621,117	608,845	7,661	38%	-40%
Tennessee	615	7	2,419,118	2,376,149	28,545	-14%	-25%	Idaho	191	2	510,535	502,567	5,303	-14%	-21%
N. Carolina	2,382	7	3,316,814	3,259,319	27,629	62%	-48%	Utah	465	3	1,069,703	1,058,107	5,161	-30%	-11%
Indiana	0	0	1,987,017	1,951,989	25,303	-46%	-21%	Nebraska	391	0	549,490	538,460	4,675	58%	-71%
Massachusetts	1,408	16	2,134,100	2,092,866	22,683	218%	114%	Rhode Island	274	2	441,692	434,195	3,777	248%	933%
Virginia	1,979	8	2,185,265	2,137,022	22,626	44%	-27%	Montana	155	1	321,244	315,409	3,614	18%	8%
Missouri	1,167	8	1,724,955	1,686,405	22,208	19%	27%	Delaware	187	3	320,581	314,929	3,205	17%	N/A
Alabama	1,054	5	1,568,934	1,534,355	20,737	39%	8%	South Dakota	89	0	271,433	266,770	3,116	-30%	N/A
S. Carolina	1,223	4	1,760,204	1,726,357	18,811	53%	4%	New Hampshire	222	2	365,559	359,807	2,847	34%	-14%
Louisiana	3,634	3	1,507,707	1,459,200	18,345	325%	40%	Maine	168	0	305,032	299,813	2,779	30%	-13%
Kentucky	1,022	6	1,653,425	1,623,136	17,625	32%	34%	North Dakota	17	1	279,330	275,734	2,414	-40%	N/A
Oklahoma	797	5	1,237,781	1,208,648	17,349	44%	11%	Wyoming	55	1	182,581	179,737	1,958	-30%	186%
Maryland	1,077	8	1,309,092	1,279,028	15,888	32%	8%	Hawaii	170	1	371,103	366,965	1,758	0%	17%
Wisconsin	1,204	7	1,951,924	1,919,006	15,751	11%	9%	Alaska	54	3	301,099	298,910	1,455	-18%	N/A
Washington	900	13	1,879,139	1,851,352	14,991	4%	100%	DC	83	0	172,626	170,201	1,407	19%	-100%
								Vermont	53	1	148,031	146,430	791	4%	-9%

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

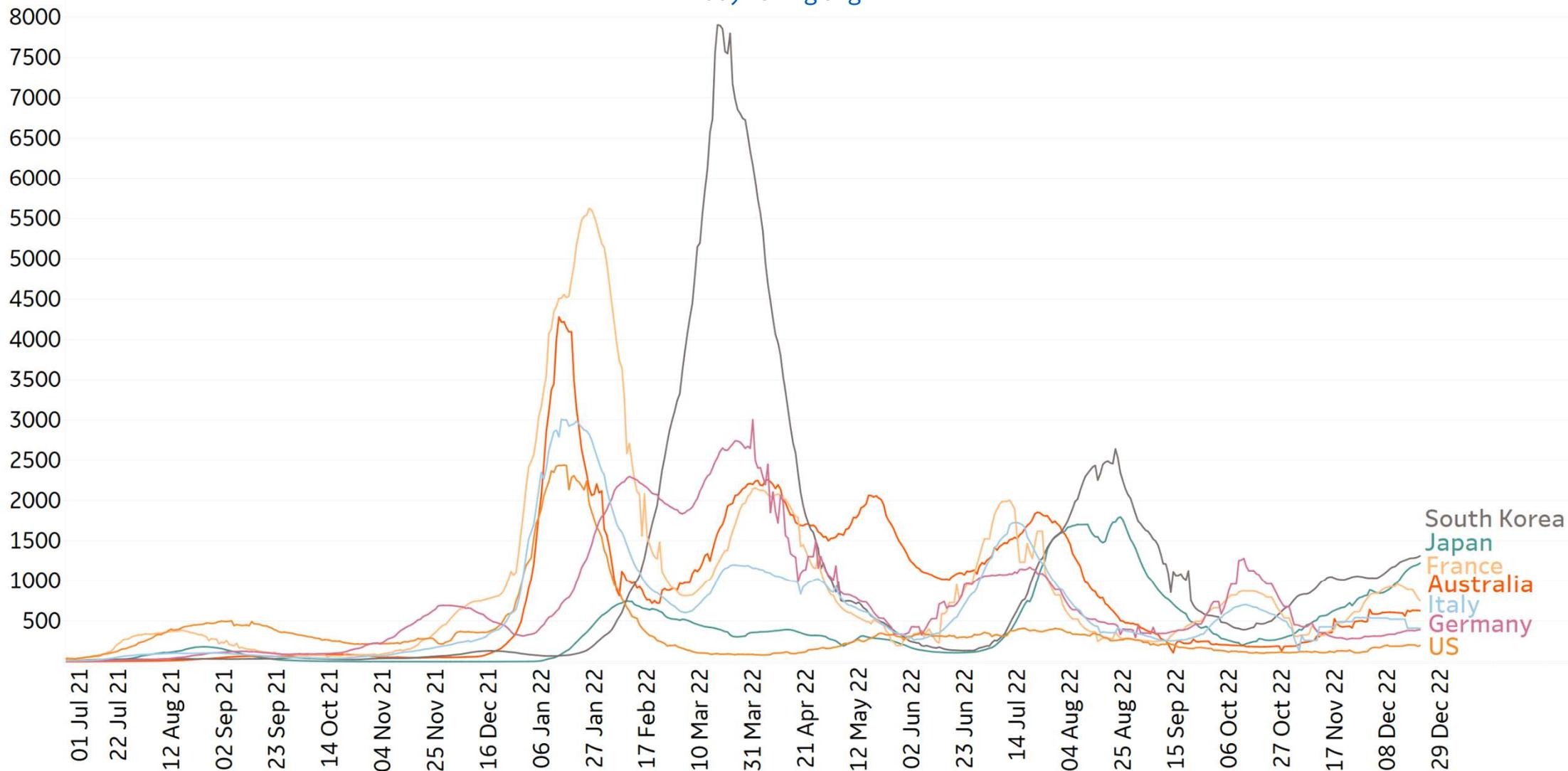


# New Confirmed Cases in Select Countries



## Daily New Confirmed Cases / 1M

7-day rolling avg



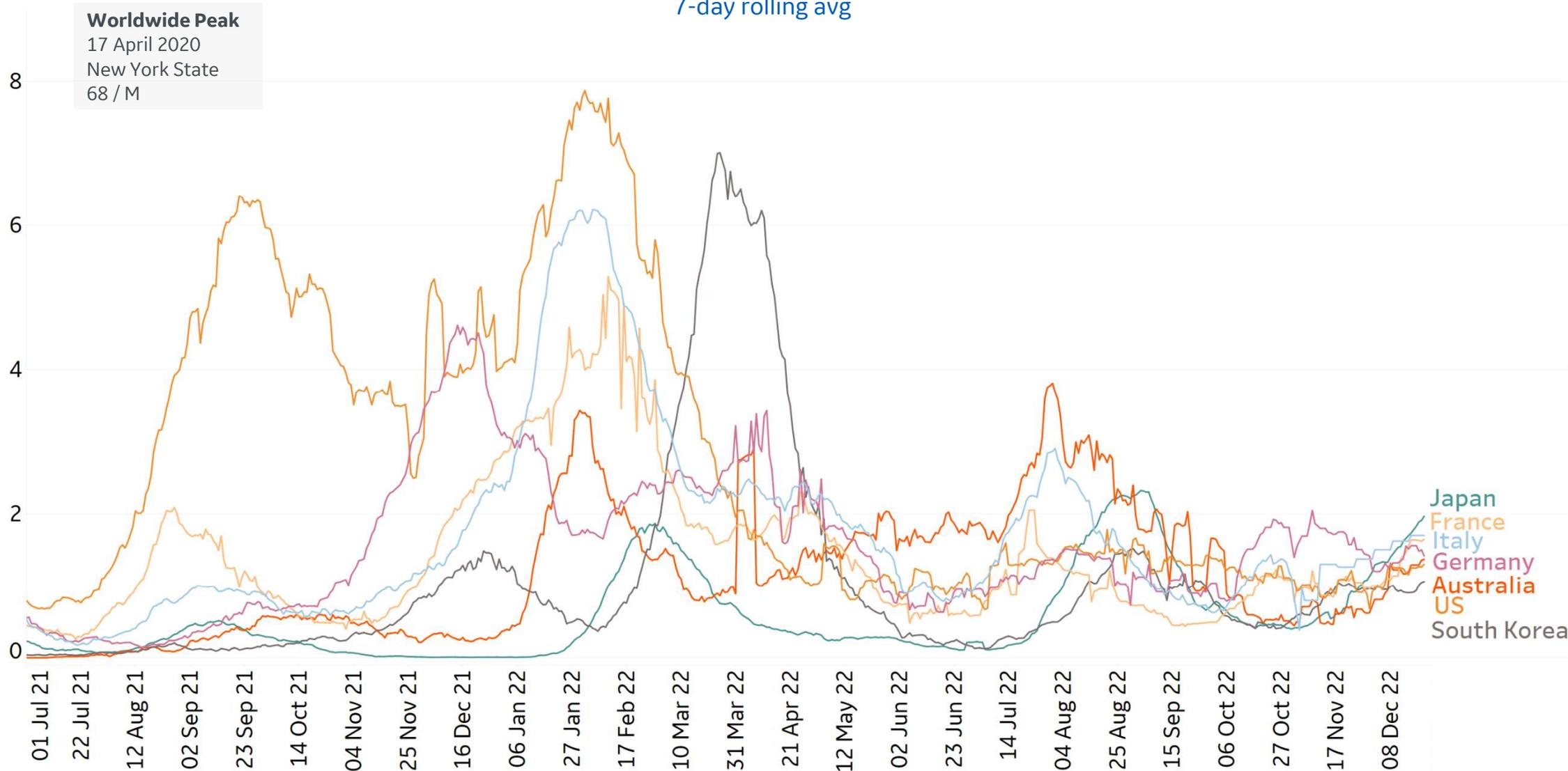


# New Deaths in Select Countries



## Daily New Deaths / 1M

7-day rolling avg

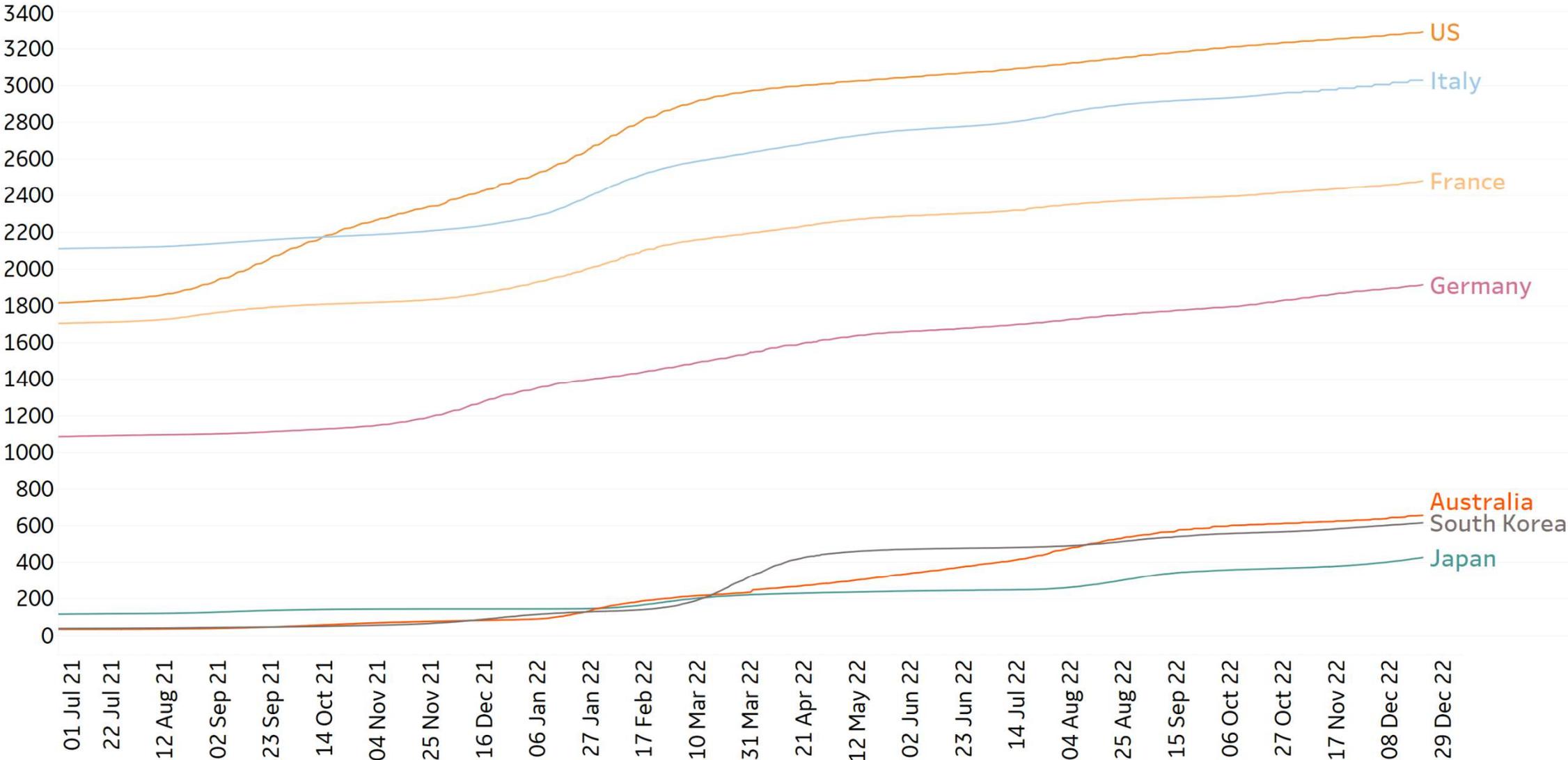




# Cumulative Deaths in Select Countries



### Cumulative Deaths / 1M



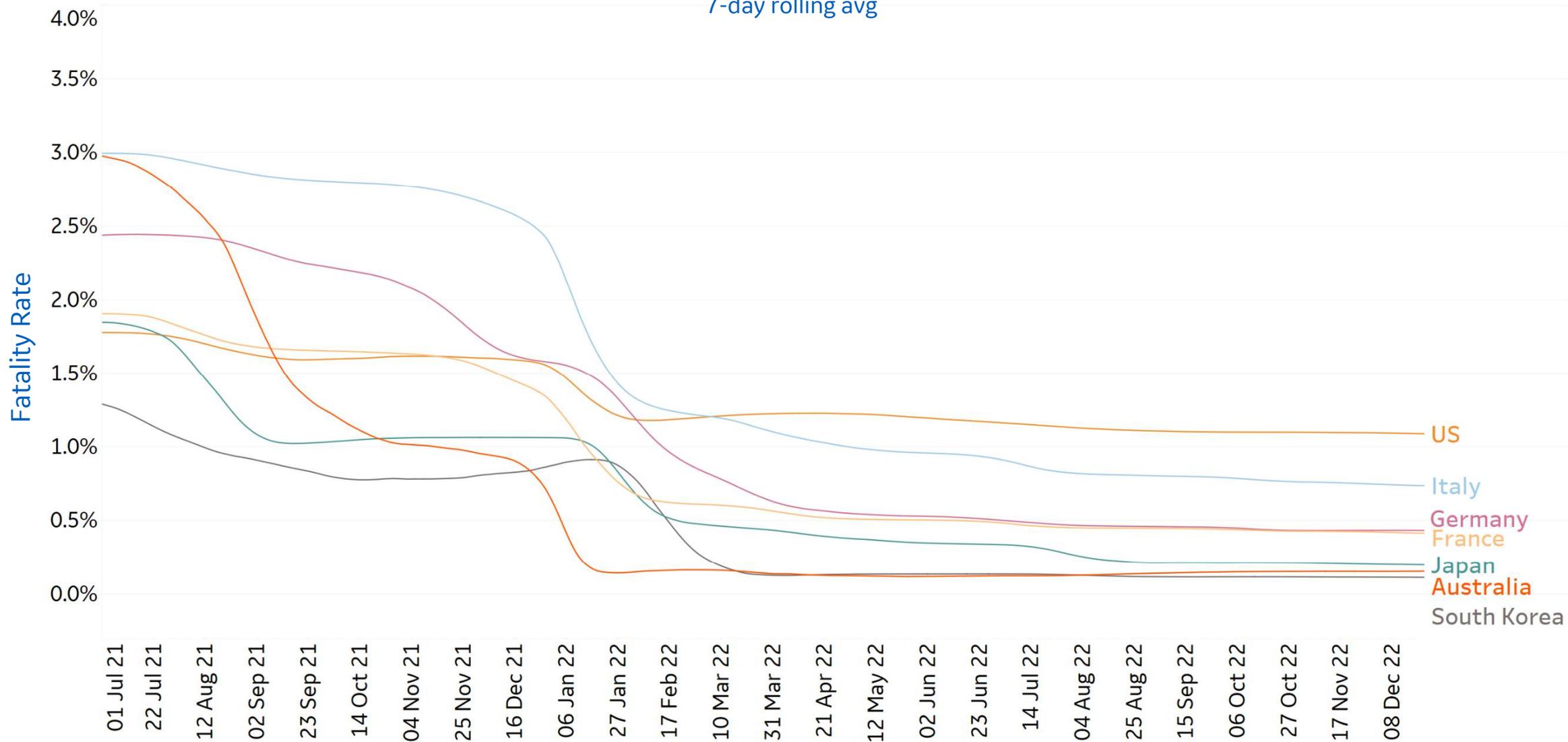


# Fatality Rate in Select Countries



## Deaths / Confirmed Cases

7-day rolling avg





# US State Vaccinations to Date



State	Vaccinations per Person	% Rec'd at Least 1 Dose	Population
Vermont	2.73	98.8%	623,989
Massachusetts	2.56	105.7%	6,892,503
Maine	2.56	96.6%	1,344,212
Connecticut	2.48	101.7%	3,565,287
Rhode Island	2.45	105.3%	1,059,361
Hawaii	2.42	91.0%	1,415,872
Maryland	2.37	91.1%	6,045,680
New York	2.27	93.9%	19,453,561
Washington	2.26	84.7%	7,614,893
Virginia	2.24	90.3%	8,535,519
Colorado	2.21	83.3%	5,758,736
Minnesota	2.21	78.4%	5,639,632
New Mexico	2.20	93.6%	2,096,829
New Jersey	2.18	94.1%	8,882,190
California	2.18	84.2%	39,512,223
Delaware	2.18	87.6%	973,764
Oregon	2.16	81.1%	4,217,737
New Hampshire	2.12	87.3%	1,359,711
Pennsylvania	2.09	89.9%	12,801,989
Wisconsin	2.08	74.8%	5,822,434
Illinois	2.07	78.8%	12,671,821
Arizona	1.95	76.9%	7,278,717
Florida	1.93	82.0%	21,477,737
Nebraska	1.92	73.0%	1,934,408
Iowa	1.89	70.3%	3,155,070

**1.97**  
Total **Vaccinations**  
per US population  
(**1,970,364** per million)

**2.31**  
Total **Vaccinations**  
per Population Age 12+  
(**2,307,218** per million)

**79.2%**  
Total US population  
having received  
**at least 1 dose**  
(**792,332** per million)

**92.8%**  
Population Age 12+  
having received  
**at least 1 dose**  
(**927,789** per million)

State	Vaccinations per Person	% Rec'd at Least 1 Dose	Population
Utah	1.87	74.9%	3,205,958
South Dakota	1.87	83.3%	884,659
Michigan	1.83	69.2%	9,986,857
North Carolina	1.82	91.3%	10,488,084
Kansas	1.80	75.8%	2,913,314
Nevada	1.78	77.1%	3,080,156
Alaska	1.77	72.7%	731,545
Texas	1.77	75.9%	28,995,881
Ohio	1.76	65.4%	11,689,100
Montana	1.71	68.0%	1,068,778
West Virginia	1.70	67.2%	1,792,147
North Dakota	1.68	69.0%	762,062
Oklahoma	1.68	74.2%	3,956,971
Missouri	1.68	69.0%	6,137,428
South Carolina	1.65	70.6%	5,148,714
Kentucky	1.65	68.5%	4,467,673
Tennessee	1.63	64.2%	6,829,174
Indiana	1.63	64.1%	6,732,219
Arkansas	1.58	69.5%	3,017,804
Idaho	1.58	63.6%	1,787,065
Georgia	1.58	68.0%	10,617,423
Louisiana	1.47	62.6%	4,648,794
Wyoming	1.44	60.6%	578,759
Mississippi	1.42	61.4%	2,976,149
Alabama	1.41	64.8%	4,903,185

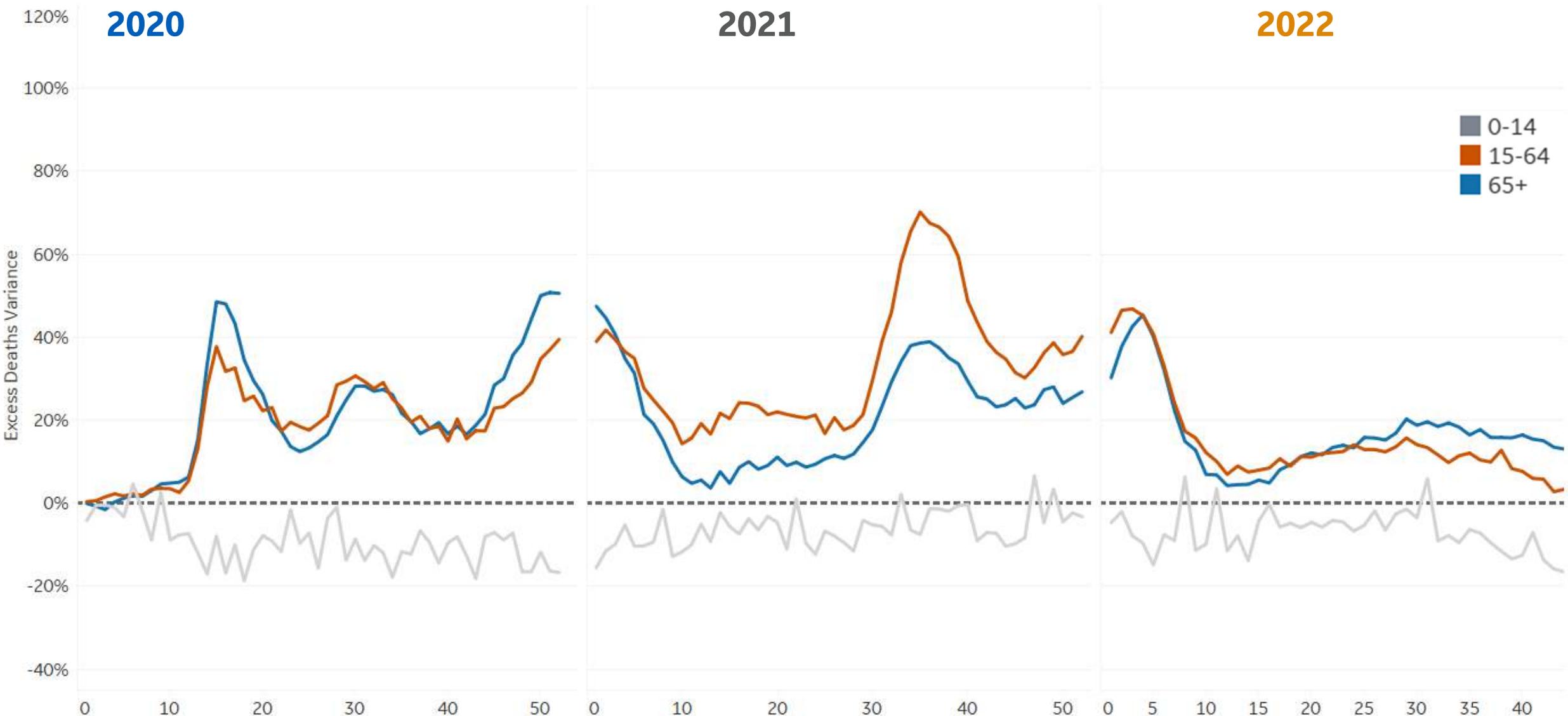
US total percentages of population fully vaccinated and having received at least one dose include values reported by the 50 US states.  
Eligible US population is derived from 2019 estimates of the US population aged 12+ (census.gov)  
Federal agencies are excluded from these calculations

Sources: Our World in Data US State Vaccination Data;  
CDC COVID-19 Vaccine Tracker



# 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 44)

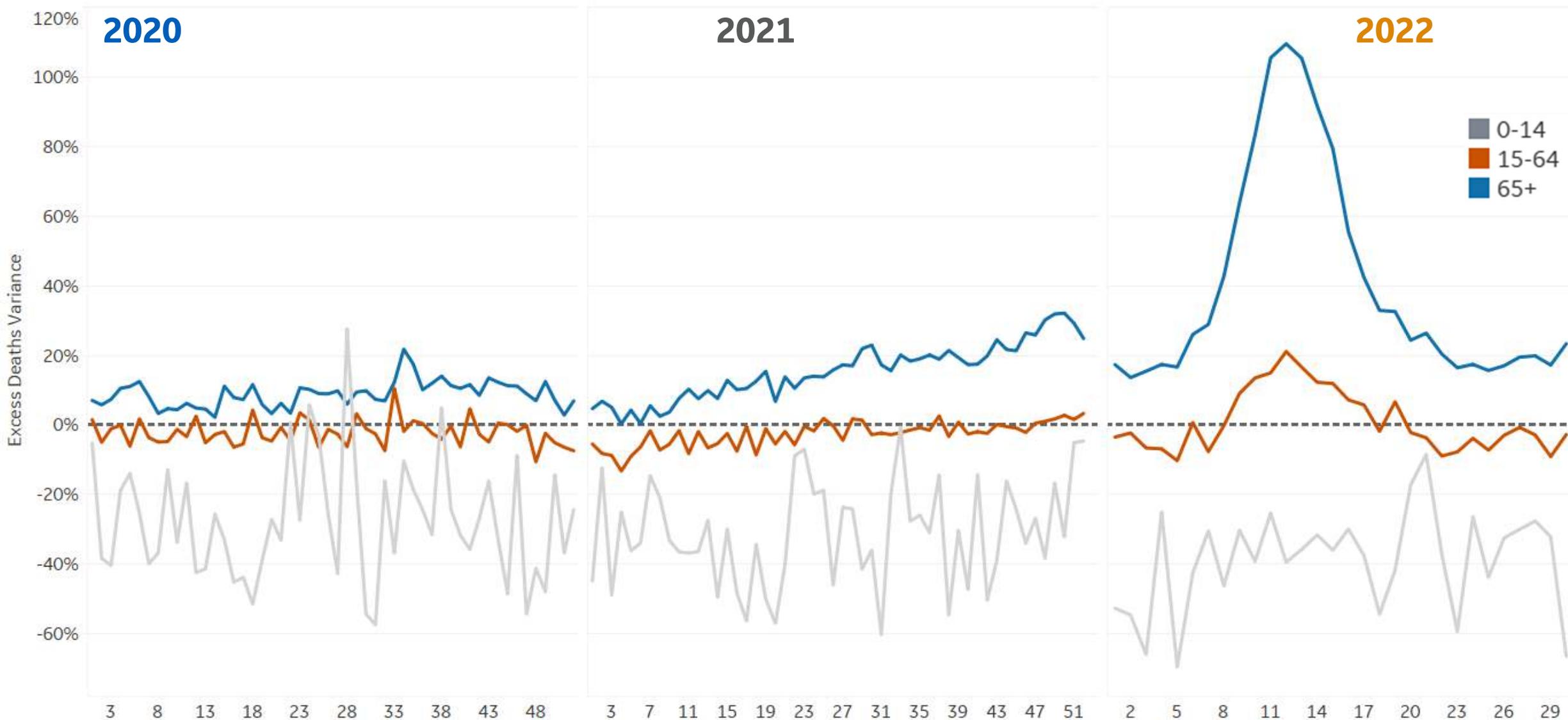




# Feature: Excess Deaths in South Korea



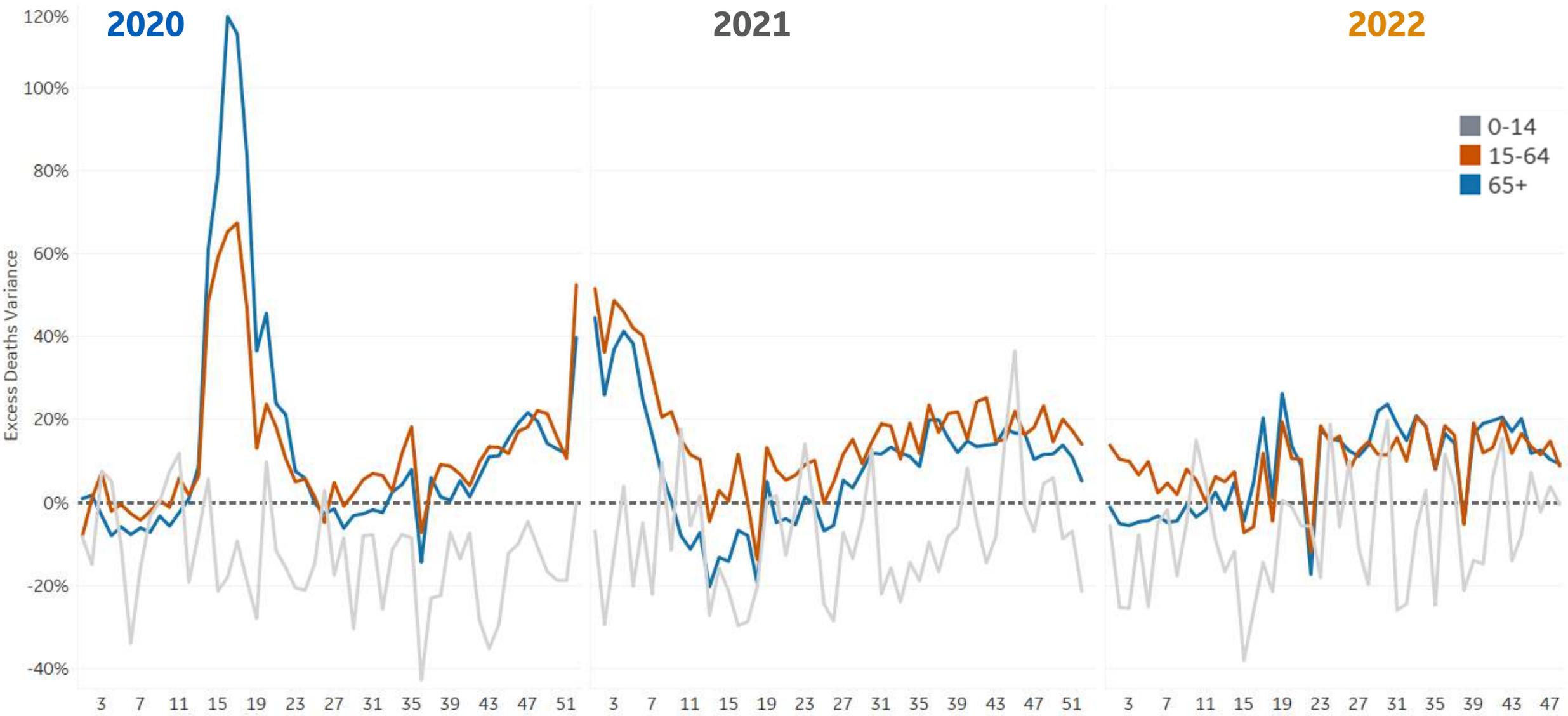
**US Excess Deaths Variance by Age Group** compared to 2015-19 avg for same period (2022 up to **Week 30**)





# Feature: Excess Deaths in the UK

US Excess Deaths Variance by Age Group compared to 2015-19 avg for same period (2022 up to Week 48)

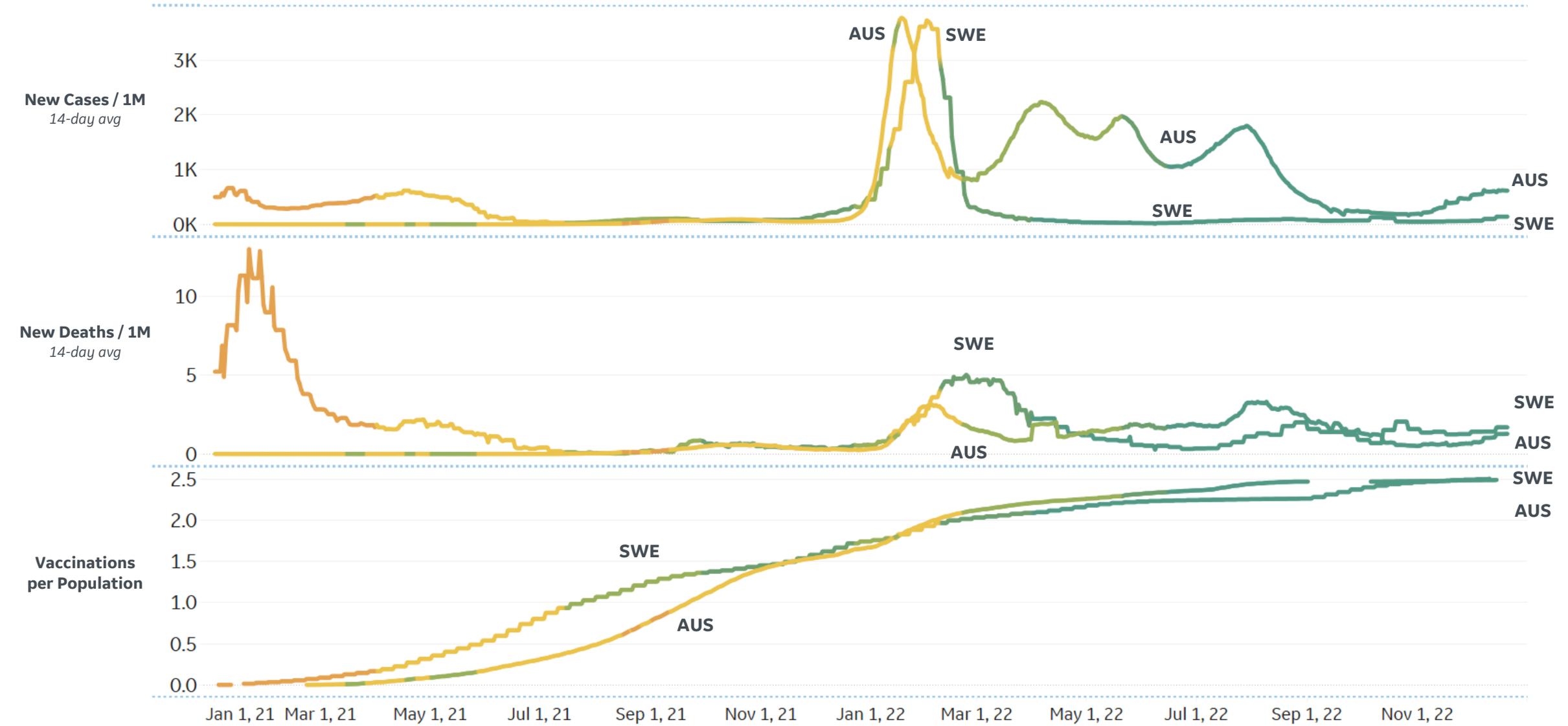




# Feature: Cases, Deaths, and Vaccinations in Australia & Sweden



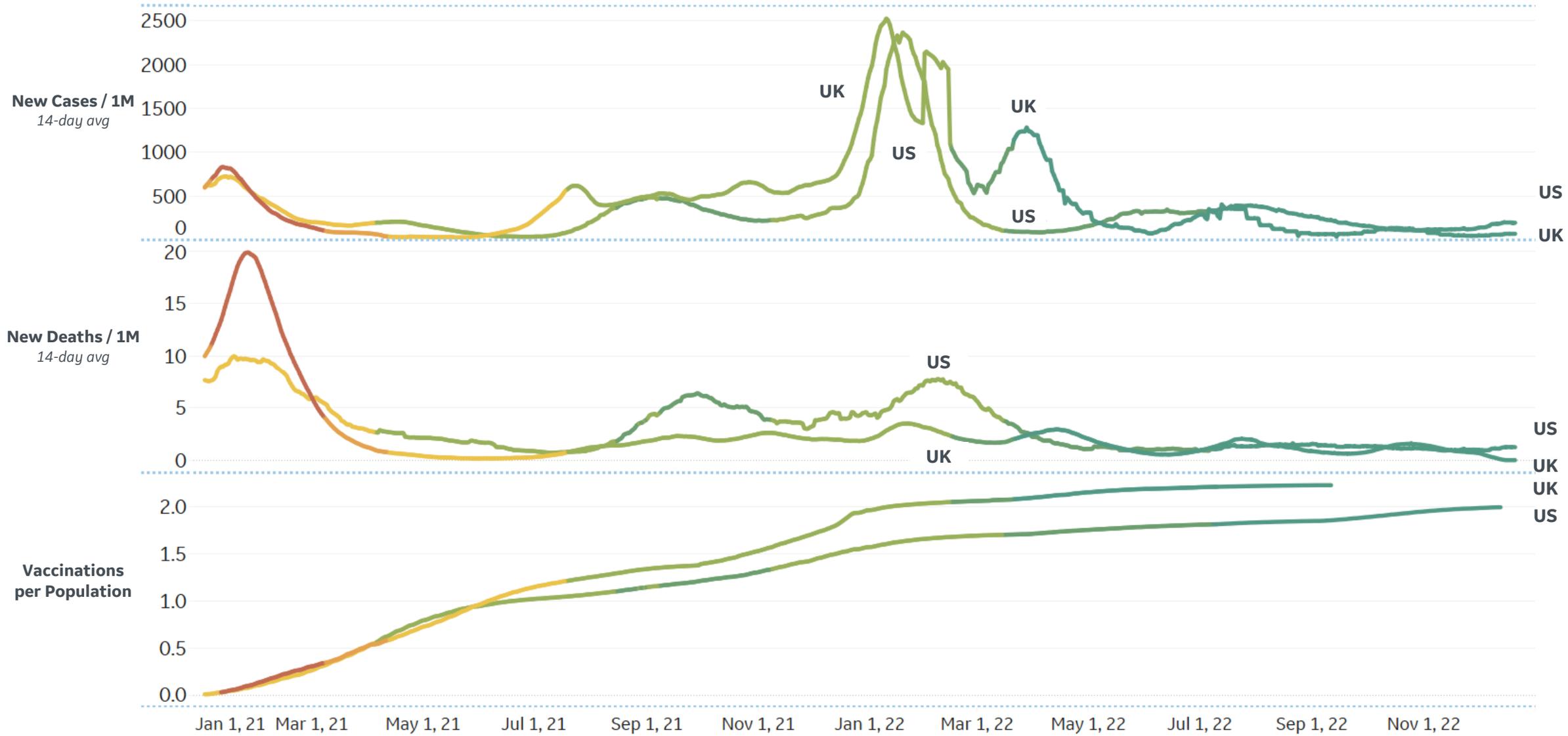
Since 1 Jan 2021. 14-day averages, per 1M. Colored by Oxford Stringency Index, strictness of government lockdown policies





# Feature: Cases, Deaths, and Vaccinations in United States & UK

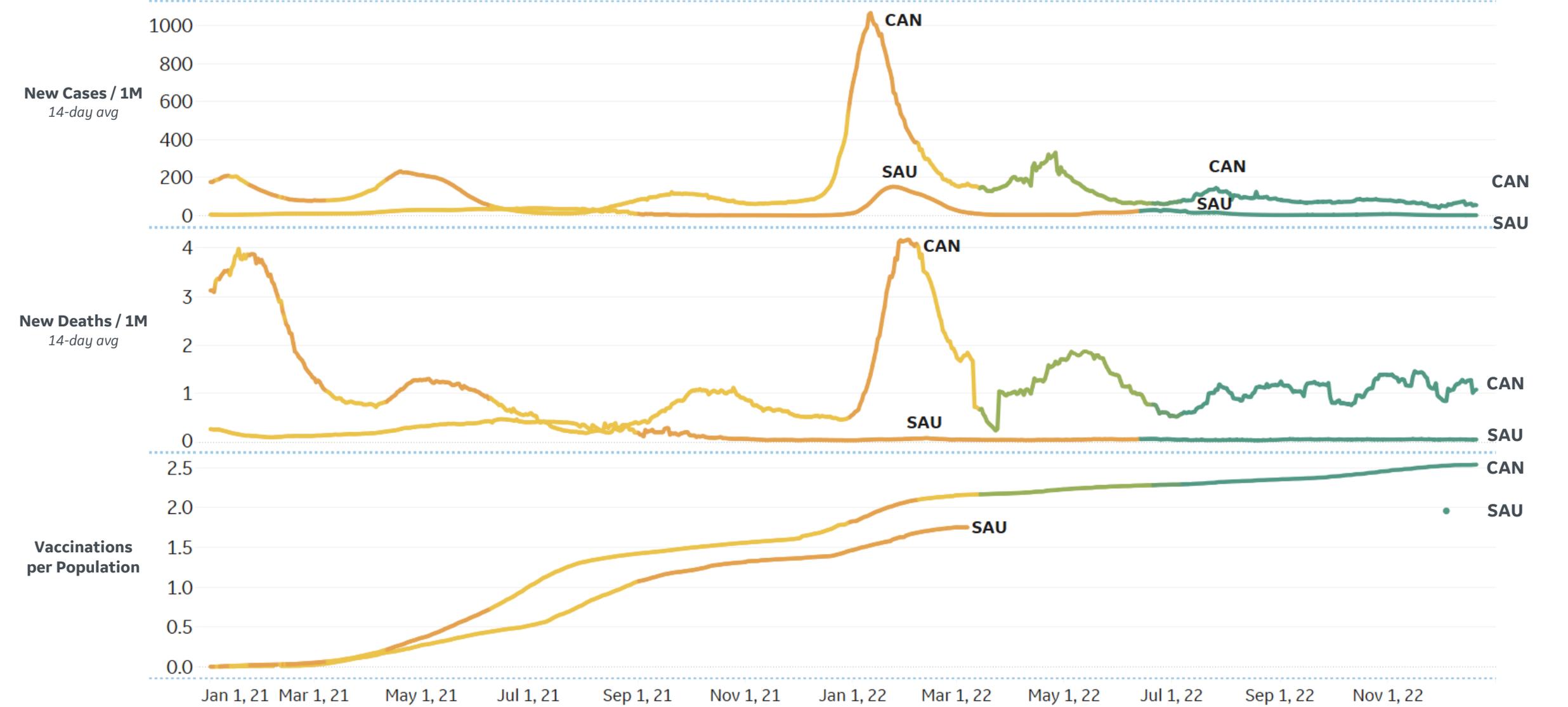
Since 1 Jan 2021. 14-day averages, per 1M. Colored by Oxford Stringency Index, strictness of government lockdown policies





# Feature: Cases, Deaths, and Vaccinations in Canada & Saudi Arabia

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

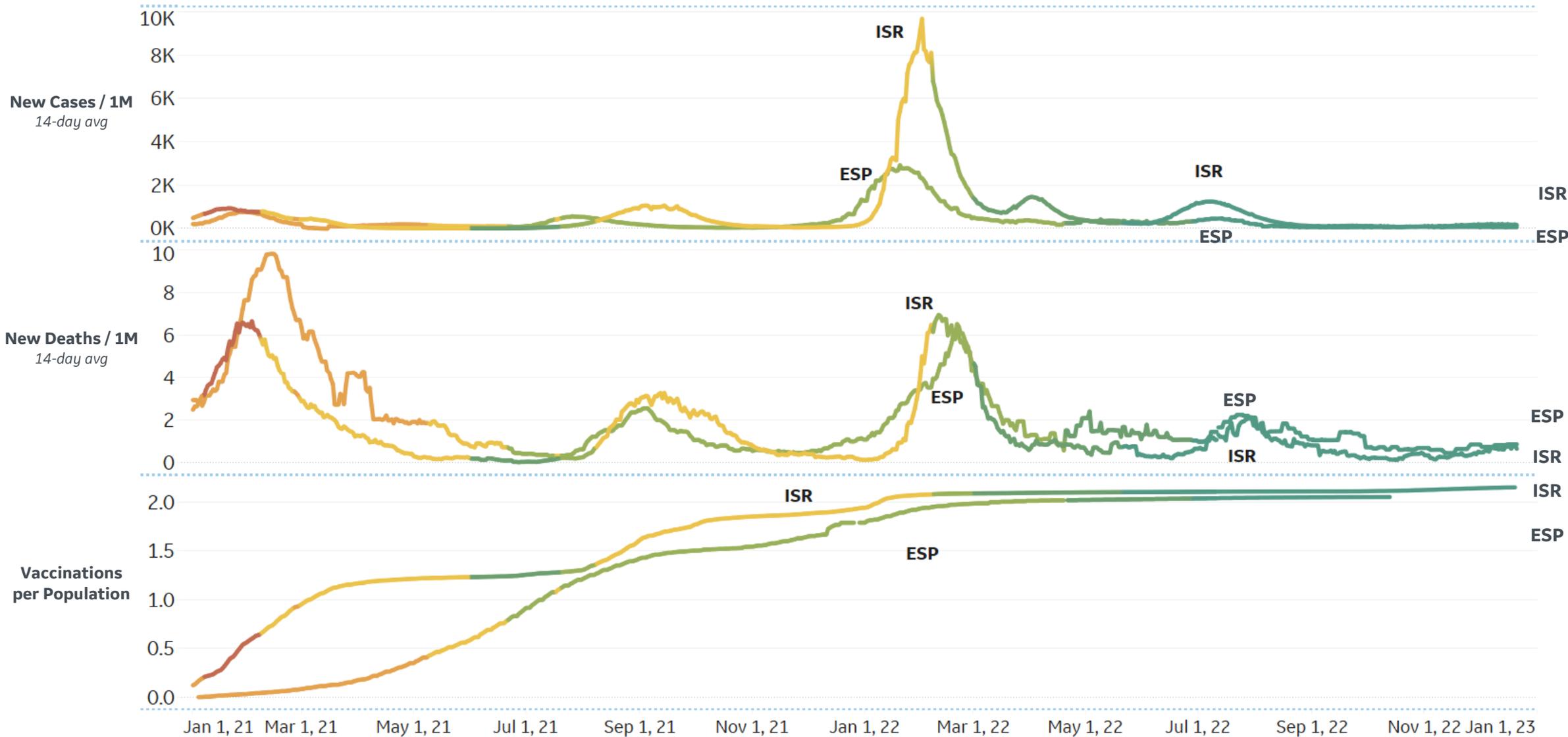




# Feature: Cases, Deaths, and Vaccinations in Israel & Spain



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





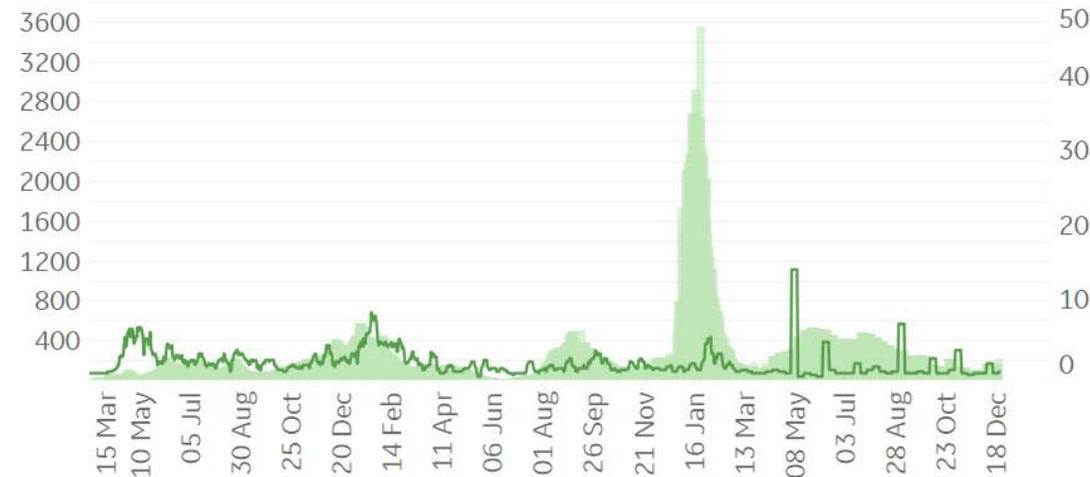
# Feature: Trends in CC Ecosystem Cities



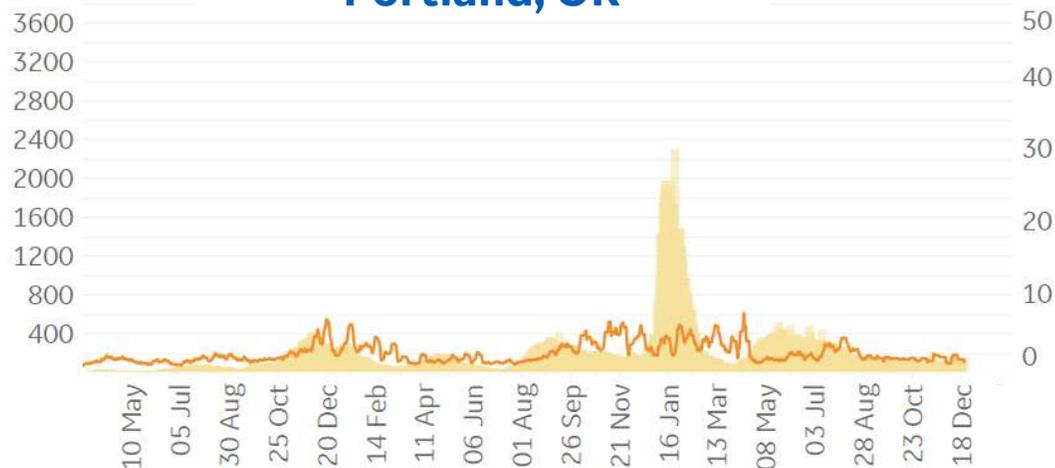
### Baltimore, MD



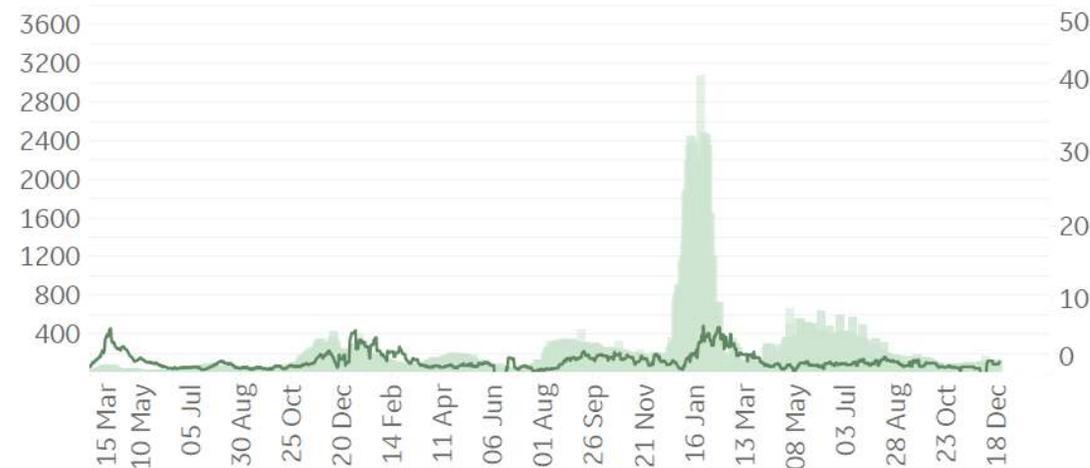
### Durham, NC



### Portland, OR



### Seattle, WA



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

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



# Feature: Trends in CC Ecosystem Cities

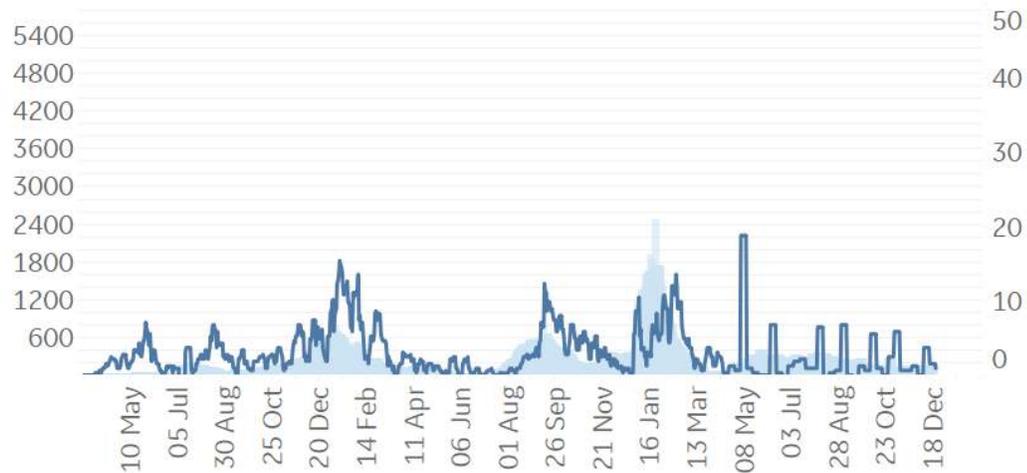


## Asheville, NC

## Bradford, UK

Daily New Confirmed Cases / 1M (Bars)

7-day Rolling Avg



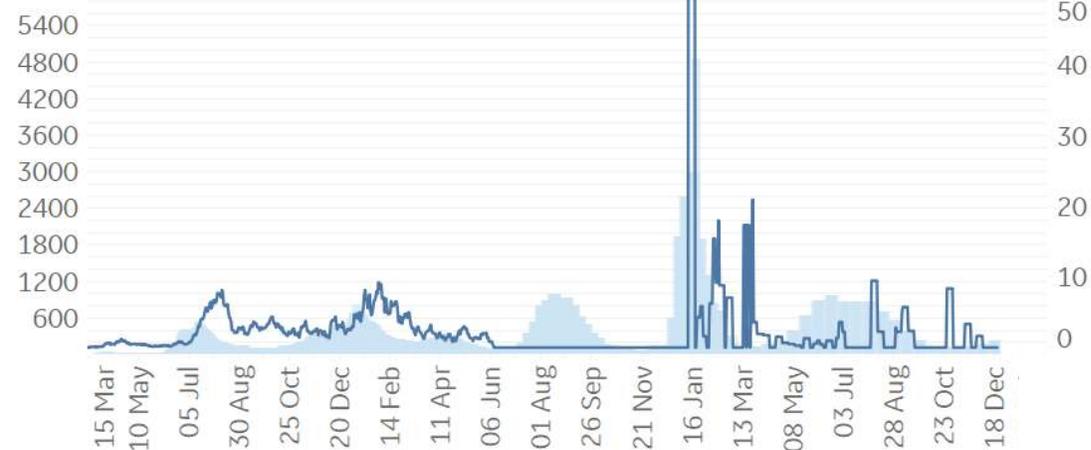
Daily New Deaths / 1M (Lines)

7-day Rolling Avg



## Miami, FL

## Orlando, FL



\*Bradford last updated 4/16/2021

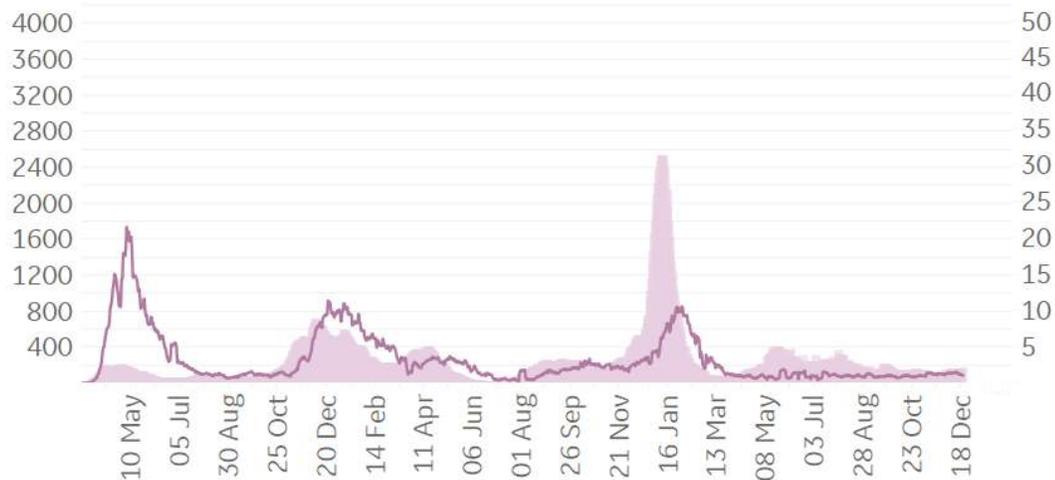
\*Large jump in Miami and Orlando deaths due to batched reporting on 11 Jan 2022



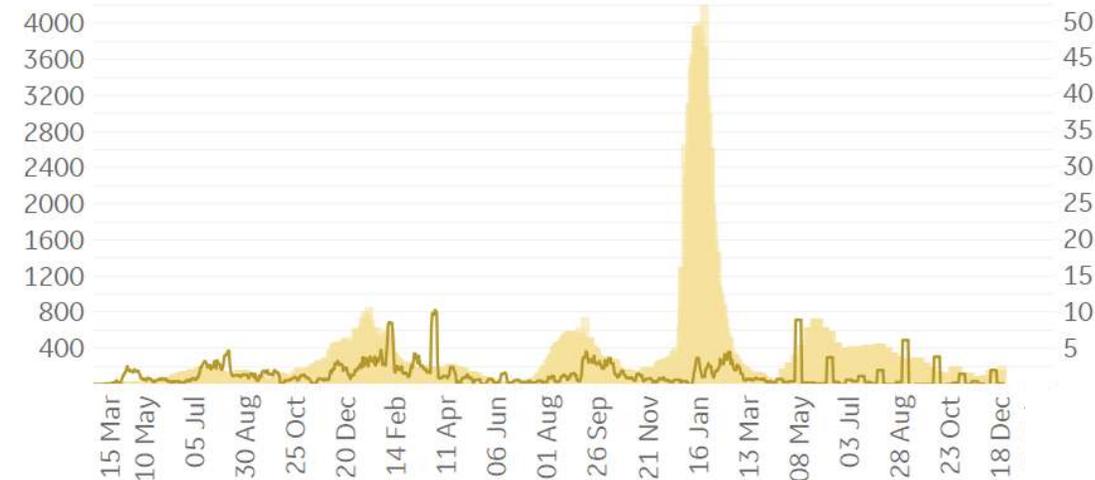
# Feature: Trends in CC Ecosystem Cities



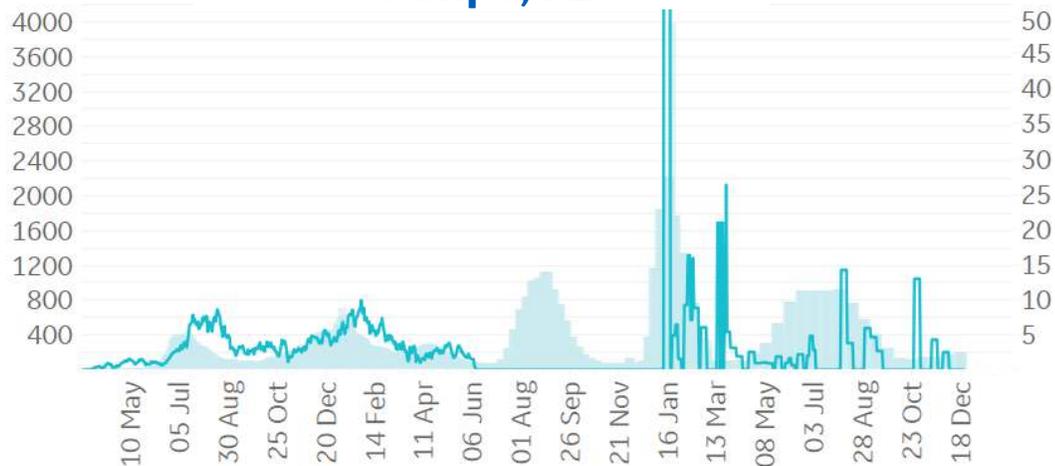
## Philadelphia, PA



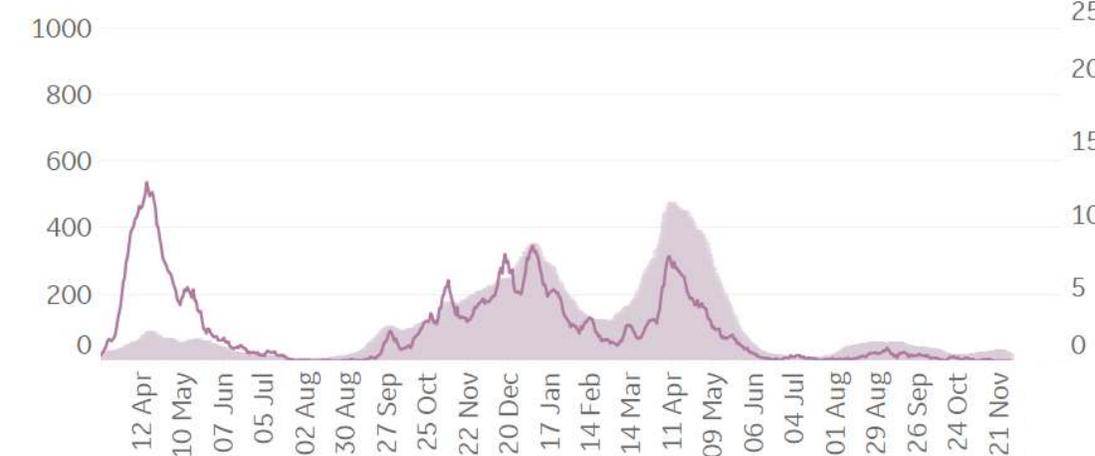
## Raleigh, NC



## Tampa, FL



## Toronto, CA



Daily New Confirmed Cases / 1M (Bars)

7-day Rolling Avg

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

\*Large jump in Tampa deaths due to batched reporting on 11 Jan 2022

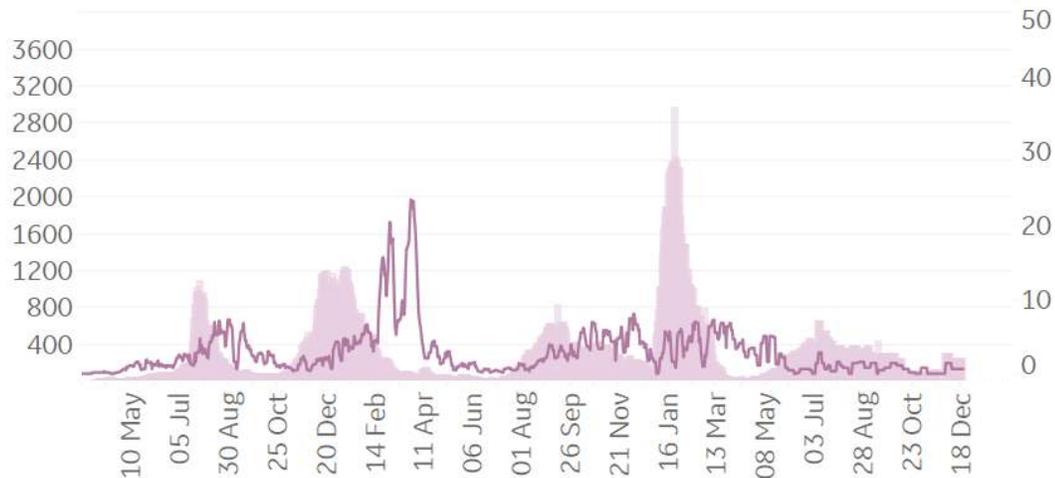
\*Toronto last updated 11/30/2021



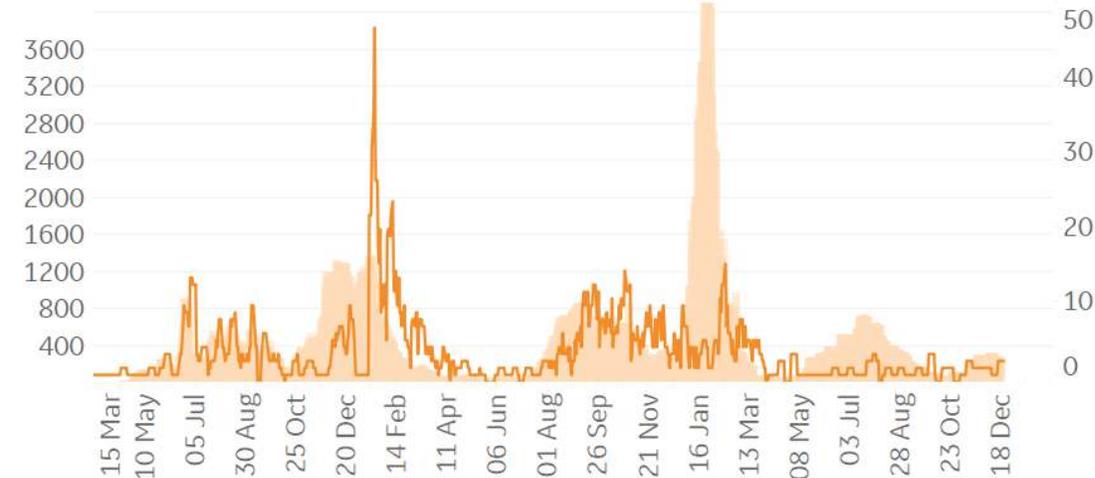
# Feature: Trends in CC Ecosystem Cities



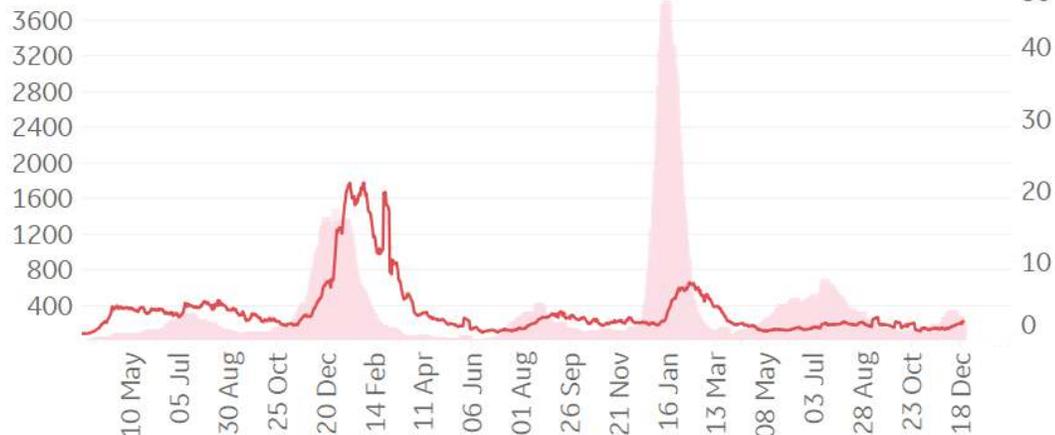
## Bakersfield, CA



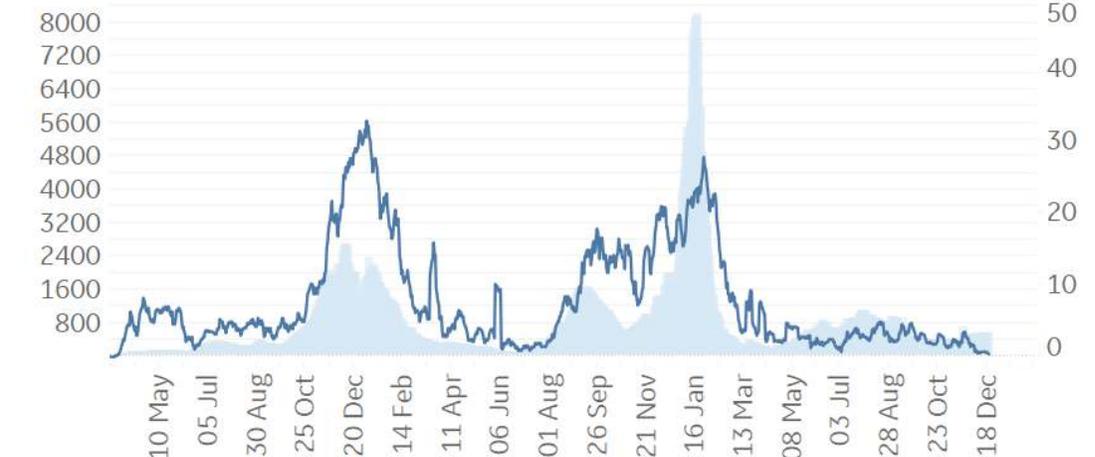
## Hanford, CA



## Los Angeles, CA



## Cincinnati, OH



Daily New Confirmed Cases / 1M (Bars)

7-day Rolling Avg

Daily New Deaths / 1M (Lines)

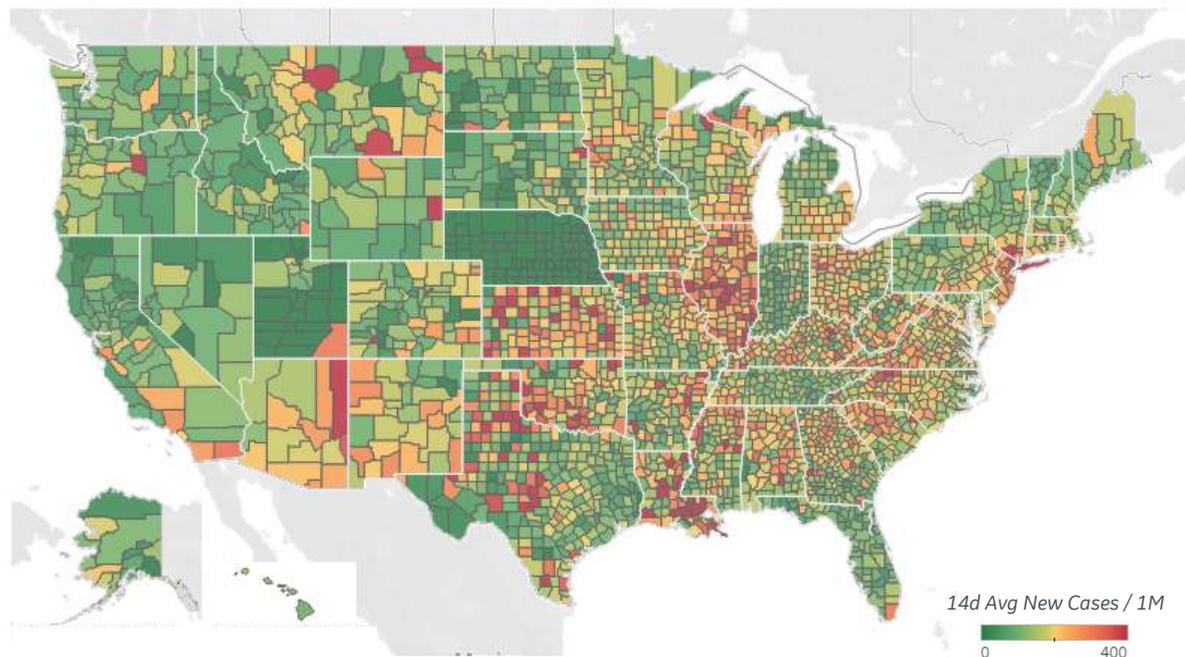
7-day Rolling Avg



# US Counties: Recent Cases and Deaths



## Average New Cases per 1M Over Last 14 Days

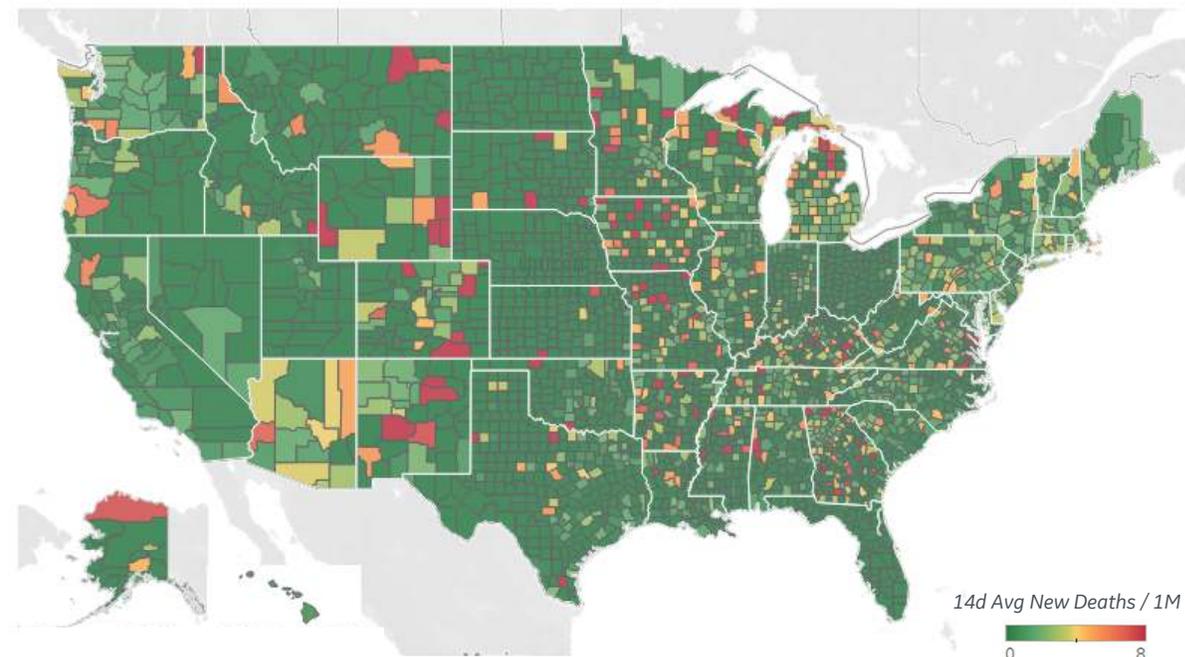


### Top 10 by New Confirmed

Avg New Confirmed Cases / 1M

East Baton Rouge Parish, LA	740
New York City*	454
Suffolk County, NY	446
Orange County, NY	446
Nassau County, NY	431
Bergen County, NJ	361
Passaic County, NJ	359
Rockland County, NY	333
Gwinnett County, GA	328
Lubbock County, TX	325

## Average New Deaths per 1M Over Last 14 Days



### Top 10 by New Deaths

Avg New Deaths/ 1M

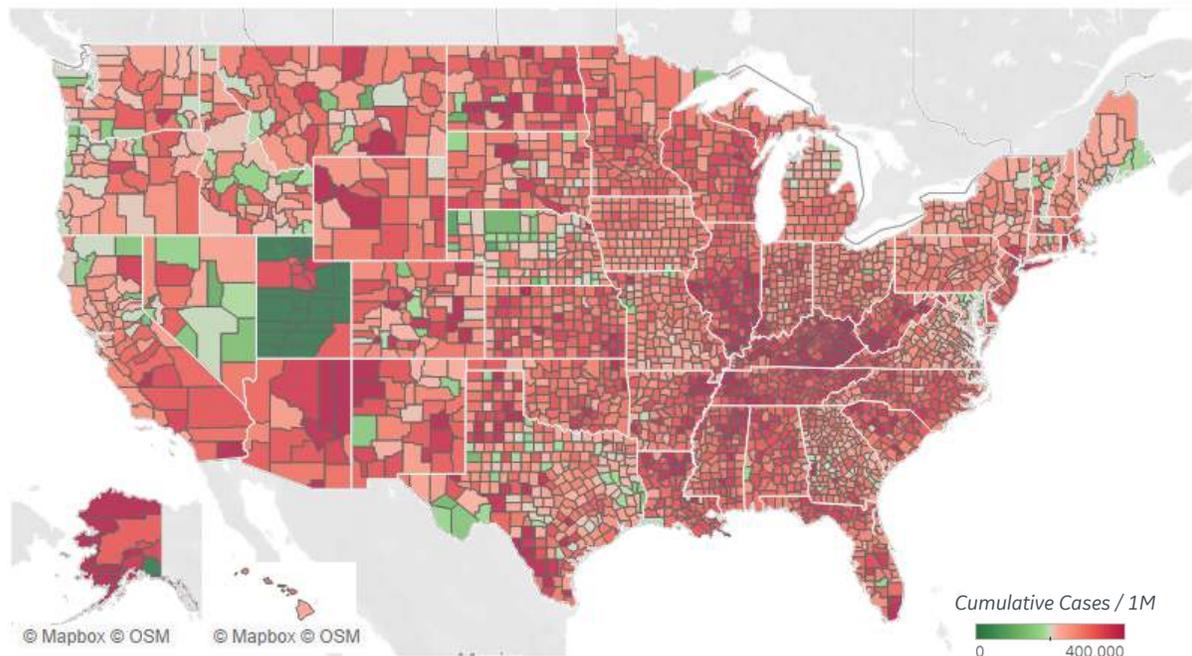
Hartford County, CT	4
Pima County, AZ	4
Wayne County, MI	3
Ottawa County, MI	3
Ocean County, NJ	3
New London County, CT	3
Macomb County, MI	3
Boulder County, CO	3
New York City*	3
Oakland County, MI	3



# US Counties: Cumulative Cases and Deaths



## Confirmed **Cases** per 1M to date

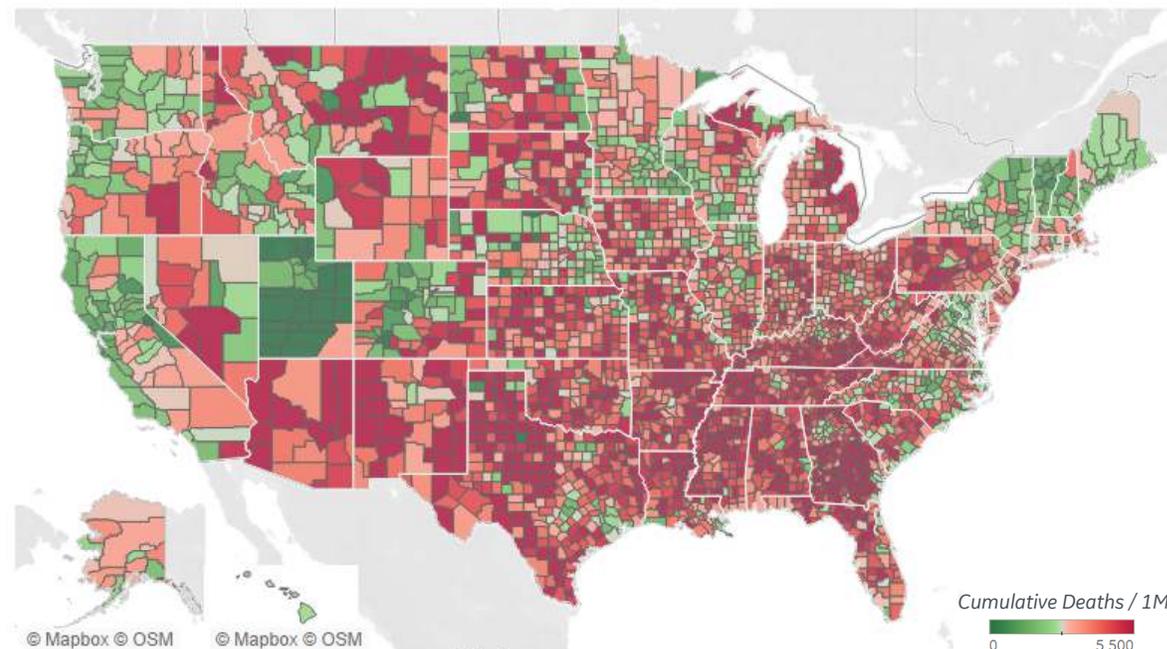


### Top 10 Counties

Total Confirmed Cases / 1M

Miami-Dade County, FL	549,898
Anchorage Municipality, AK	423,962
Providence County, RI	417,659
Lexington County, SC	395,990
Webb County, TX	394,651
Nassau County, NY	391,134
Broward County, FL	383,819
Greenville County, SC	382,179
Brown County, WI	380,250
Orange County, NY	374,970

## Reported **Deaths** per 1M to date



### Top 10 Counties

Total Reported Deaths/ 1M

New York City*	8,186
Marion County, FL	6,464
Ocean County, NJ	5,308
Macomb County, MI	5,085
Wayne County, MI	5,049
Spartanburg County, SC	4,988
Cameron County, TX	4,951
Stark County, OH	4,852
Passaic County, NJ	4,840
Luzerne County, PA	4,839

\* New York City counties aggregated into one reporting area



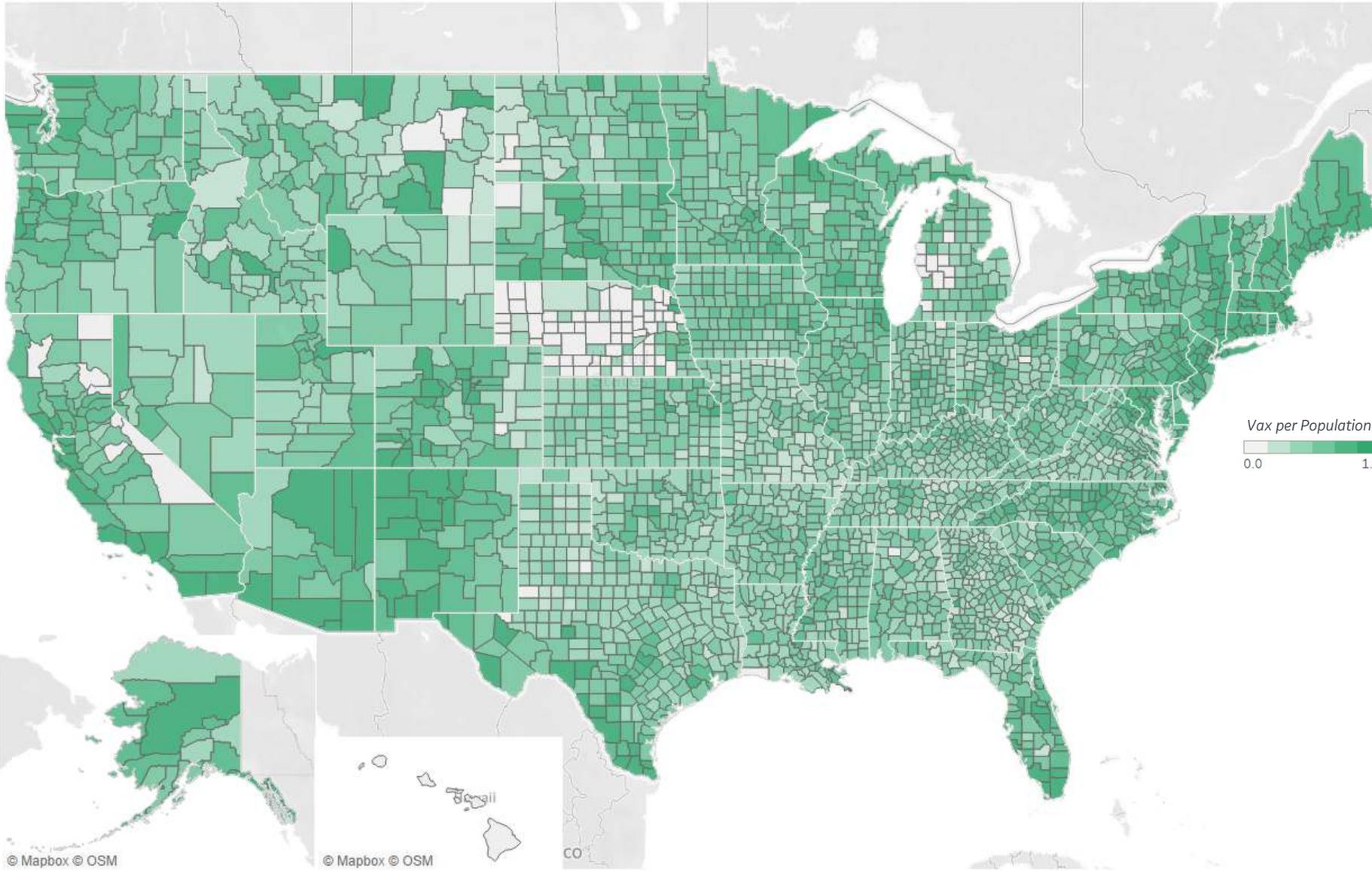
# US Counties: Total Vaccinations per Population



## Top 20 Counties

Total Vaccinations per Population

Webb County, TX	2.99
Montgomery County, MD	2.02
Wake County, NC	1.99
Cumberland County, ME	1.99
Hidalgo County, TX	1.99
El Paso County, TX	1.99
Miami-Dade County, FL	1.98
Montgomery County, PA	1.96
Chester County, PA	1.95
Fairfield County, CT	1.95
Durham County, NC	1.94
Marin County, CA	1.93
Howard County, MD	1.91
Westchester County, NY	1.90
Middlesex County, MA	1.90
District of Columbia, DC	1.89
Nassau County, NY	1.88
Delaware County, PA	1.87
Santa Clara County, CA	1.87
Cameron County, TX	1.86



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\* New York City counties aggregated into one reporting area

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

Note: Lists includes counties > 250K population



# Europe & Middle East



## Per 1M in Region

	Today	Change
Active Cases	272,340	+0.0%
Confirmed	134	+0.0%
Deaths	1	+0.0%
Recovered	147	+0.1%

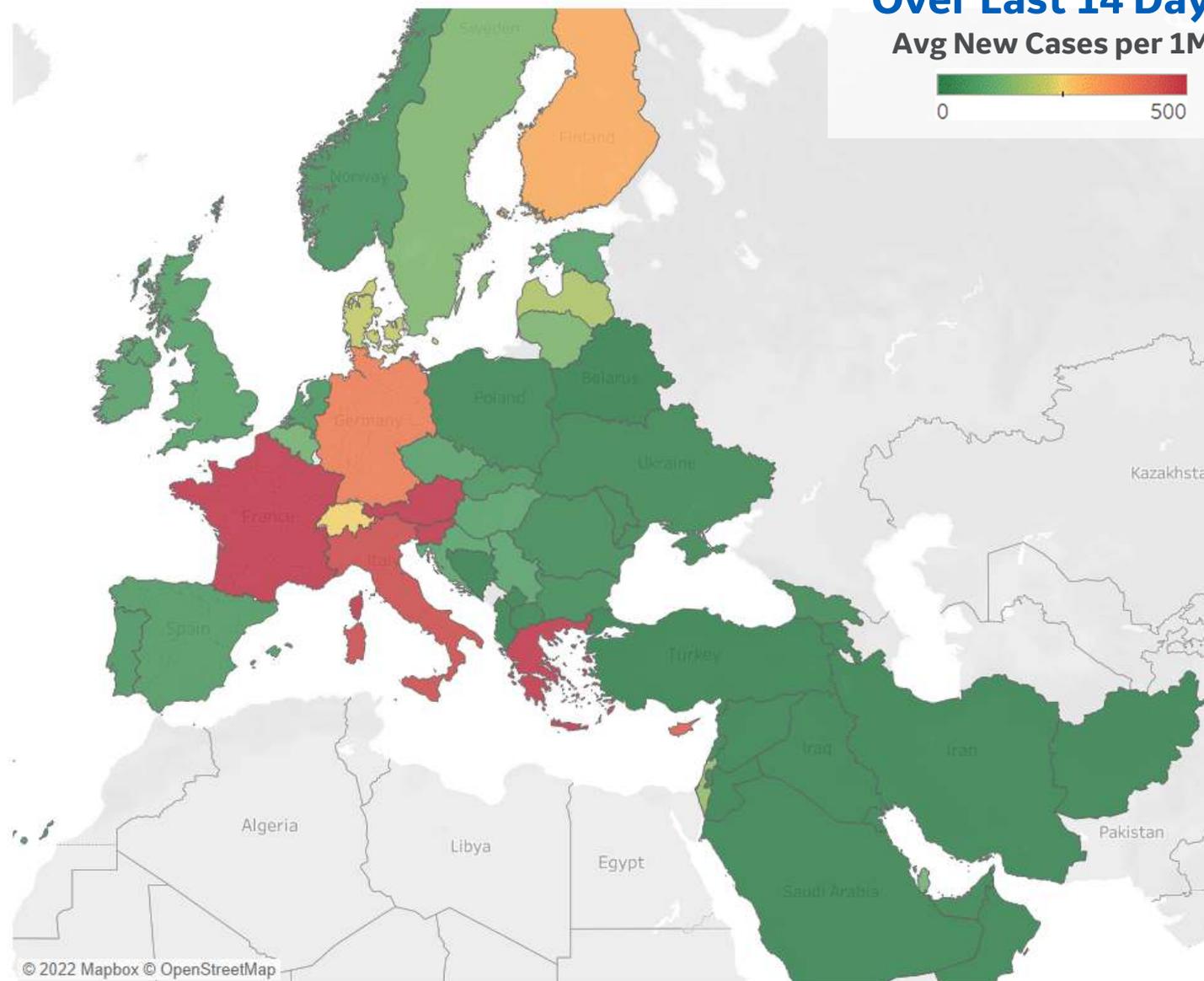
## Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Slovenia	848	1
France	841	2
Greece	684	2
Austria	534	1
Italy	468	2
Cyprus	433	1
Germany	380	1
Finland	299	4
Switzerland	250	0
Denmark	214	2
Latvia	191	1
Israel	157	1
Sweden	139	2
Lithuania	135	0
Belgium	123	1

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





# Central & South America

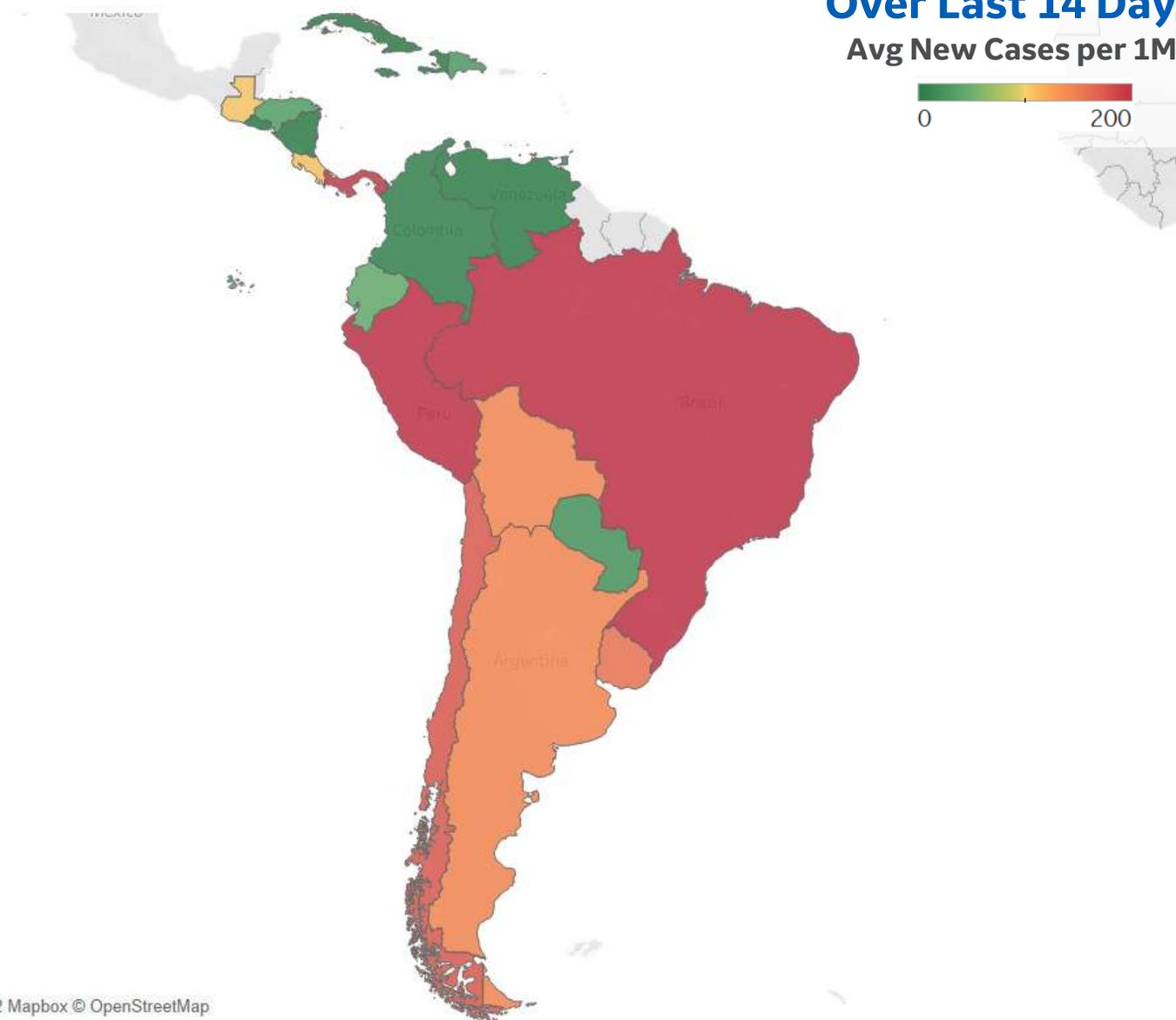
## Per 1M in Region

	Today	Change
Active Cases	137,079	+0.08%
Confirmed	114	+0.08%
Deaths	0.4	+0.02%
Recovered	82	+0.06%

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

	Cases	Deaths
Brazil	218	1
Peru	216	1
Panama	194	0
Chile	174	1
Uruguay	156	0
Argentina	141	0
Bolivia	140	0
Costa Rica	106	0
Guatemala	105	0
Ecuador	45	0
Honduras	34	0
Dom. Rep.	30	0
Paraguay	22	0
Trinidad and Tobago	18	0
Colombia	7	0

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	166,316	+0.1%
Confirmed	201	+0.1%
Deaths	1	+0.0%
Recovered	-1	+0.0%

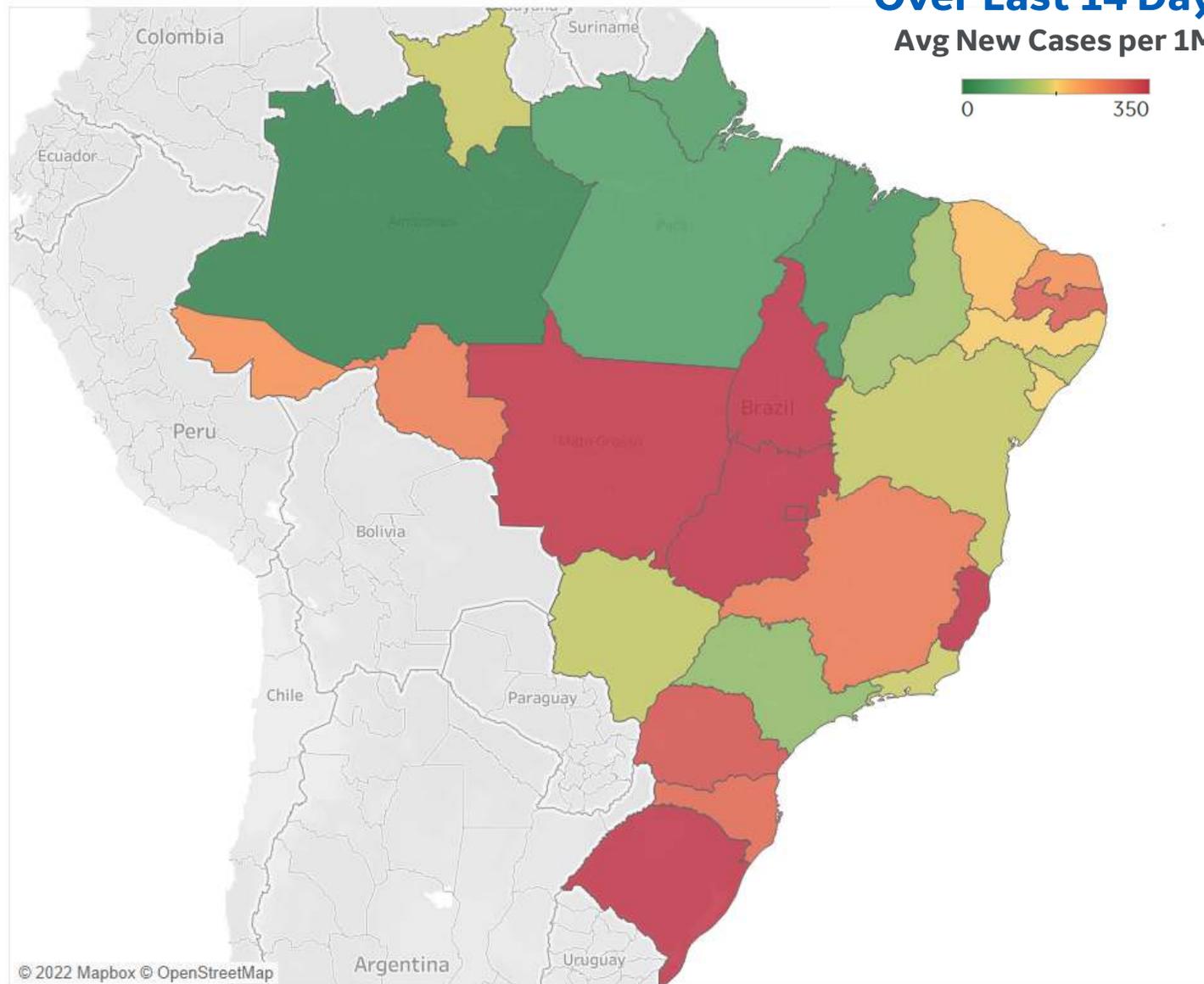
## Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Espírito Santo	820	1
Goiás	599	1
Distrito Federal	581	0
Rio Grande do Sul	432	1
Tocantins	366	0
MatoGrosso	347	1
Paraná	315	1
Paraíba	301	1
Santa Catarina	290	1
Minas Gerais	270	1
Rondônia	264	1
Rio Grande do Norte	240	2
Ceará	193	0
Pernambuco	179	0
Sergipe	176	1

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	40,986	+0.2%
Confirmed	77	+0.2%
Deaths	0.1	+0.0%
Recovered	66	+0.2%

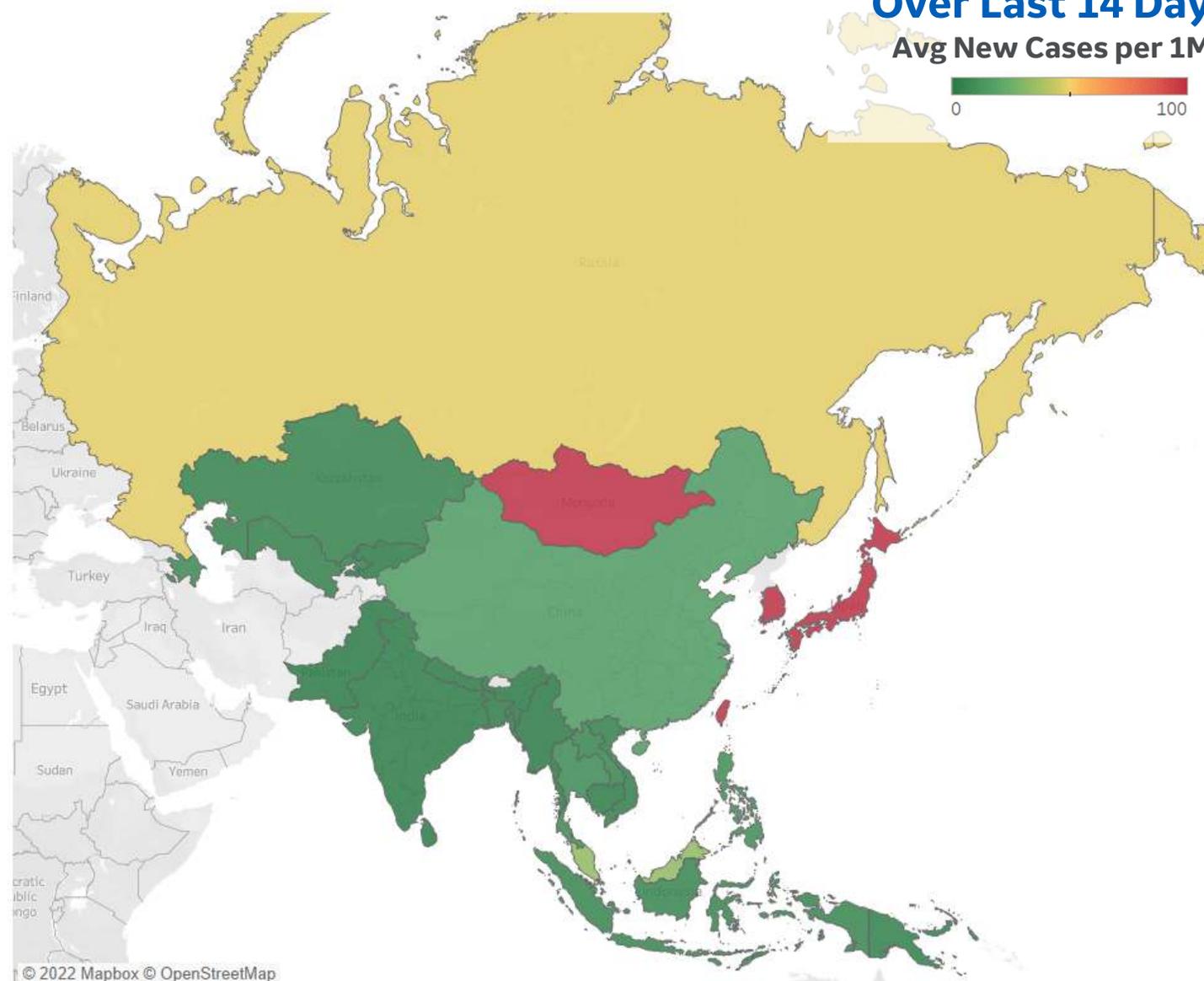
### Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
South Korea	1,278	1
Japan	1,145	2
Taiwan*	637	1
Mongolia	294	0
Singapore	200	0
Russia	49	0
Malaysia	33	0
China	15	0
Philippines	9	0
Thailand	8	0
Azerbaijan	7	0
Indonesia	6	0
Laos	5	0
Kazakhstan	4	0
Vietnam	3	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

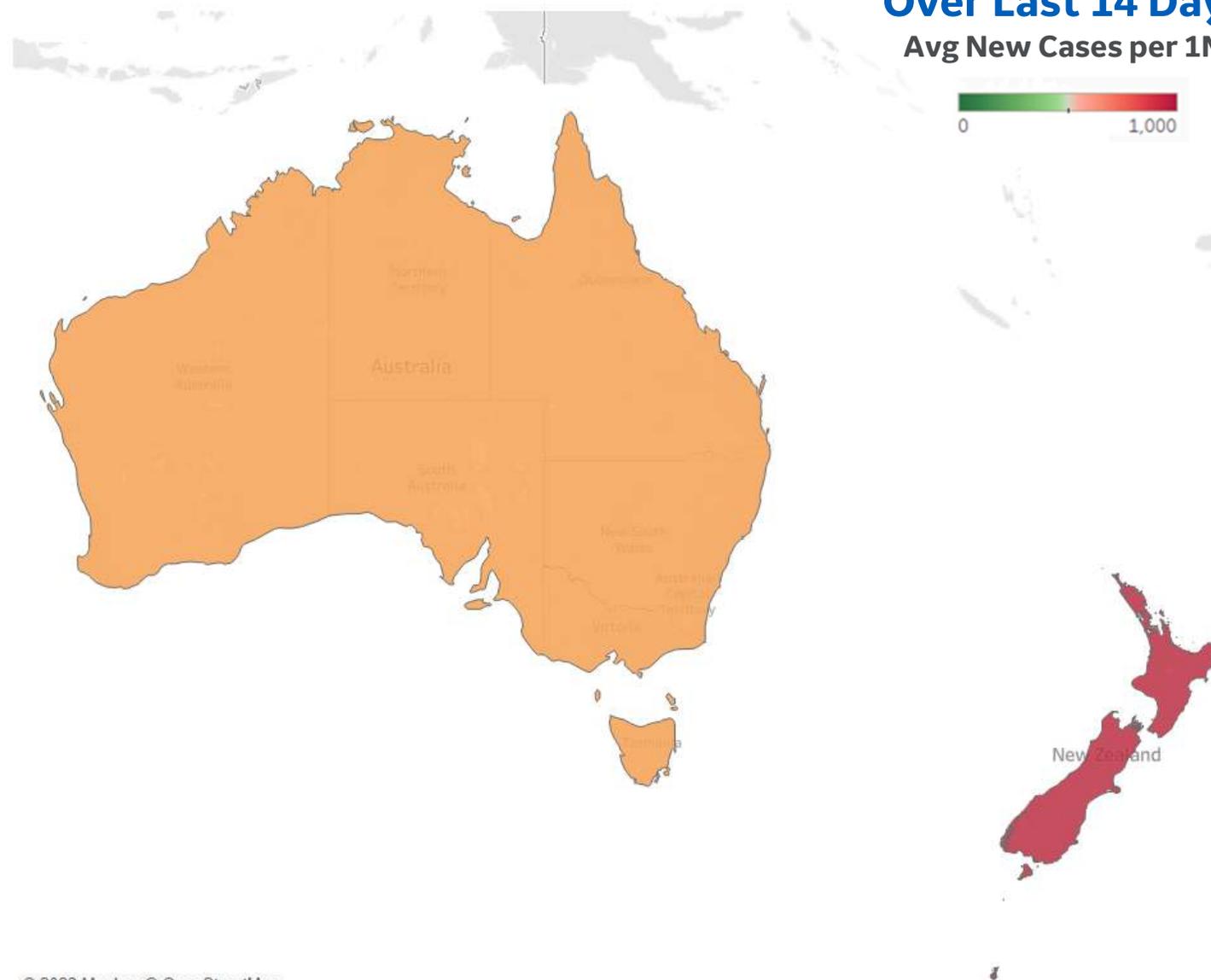
	Today	Change
Active Cases	419,774	+0.0%
Confirmed	115	+0.0%
Deaths	1	+0.1%
Recovered	137	+0.0%

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

	Cases	Deaths
New Zealand	1,228	1
Australia	614	1

## 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



## Per 1M in Region

	Today	Change
Active Cases	9,124	+0.02%
Confirmed	2	+0.02%
Deaths	0.002	+0.0%
Recovered	-1	+0.0%

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

	Cases	Deaths
Mauritius	495	0
Botswana	22	0
Namibia	7	0
Eswatini	5	0
South Africa	4	0
Zimbabwe	3	0
Burundi	3	0
Morocco	3	0
Tunisia	2	0
Tanzania	2	0
Burkina Faso	1	0
Ethiopia	1	0
Mozambique	1	0
Rwanda	1	0
Kenya	1	0

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





\*\* 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>