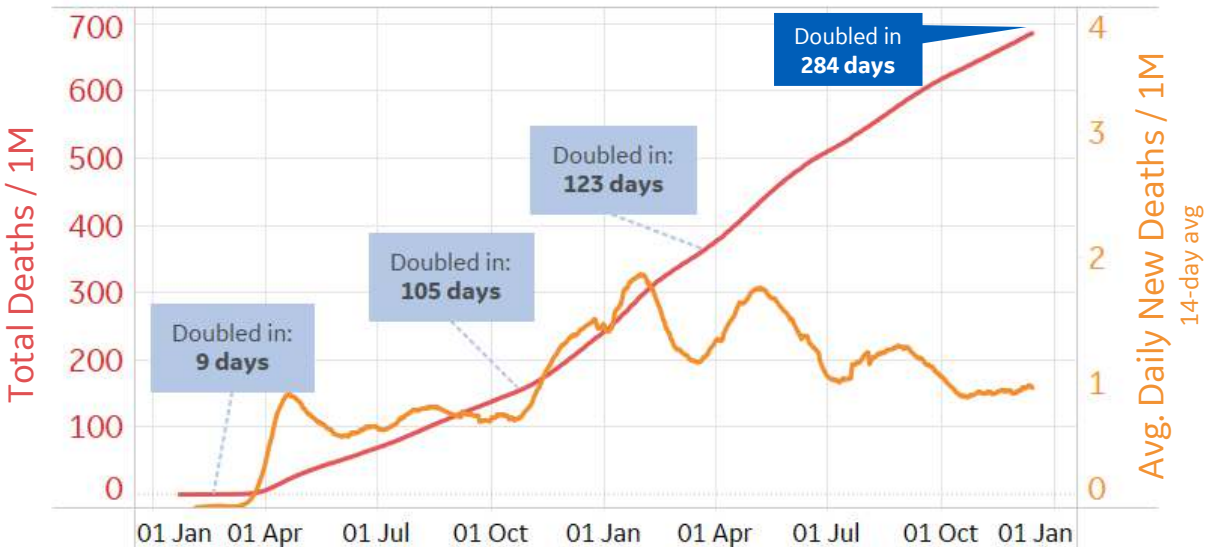
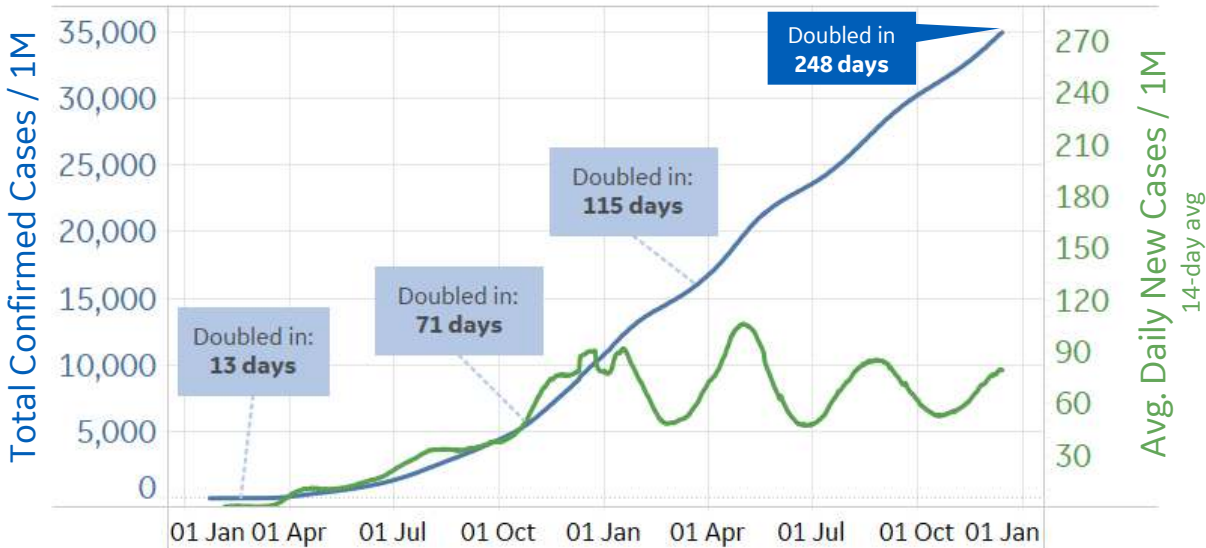




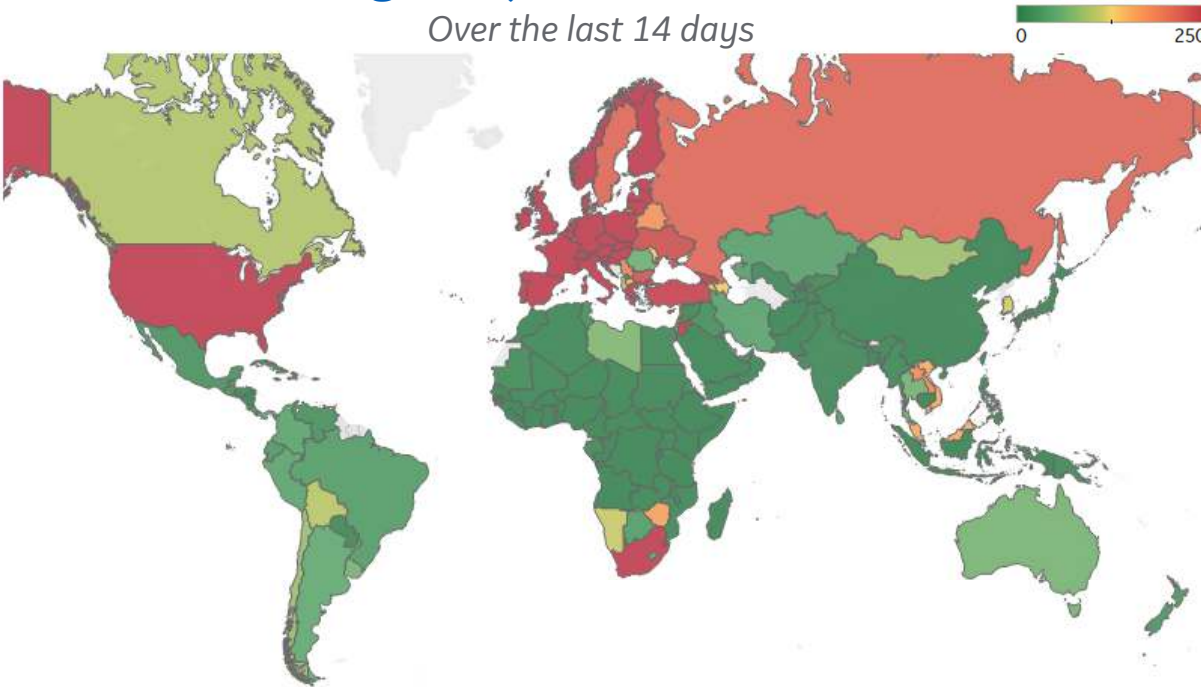
# Global Confirmed Cases & Deaths

## Trend since 22 Jan 2020



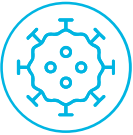
## Avg. Daily New Cases / 1M

Over the last 14 days



Per 1M:	New Today	Change from 30 days ago
Active	79	+7%
Confirmed	80	+7%
Deaths	1	+4%
Recovered	85	+6%
Worldwide Survival Rate	To Date 98.0%	Last 30 Days 98.8%

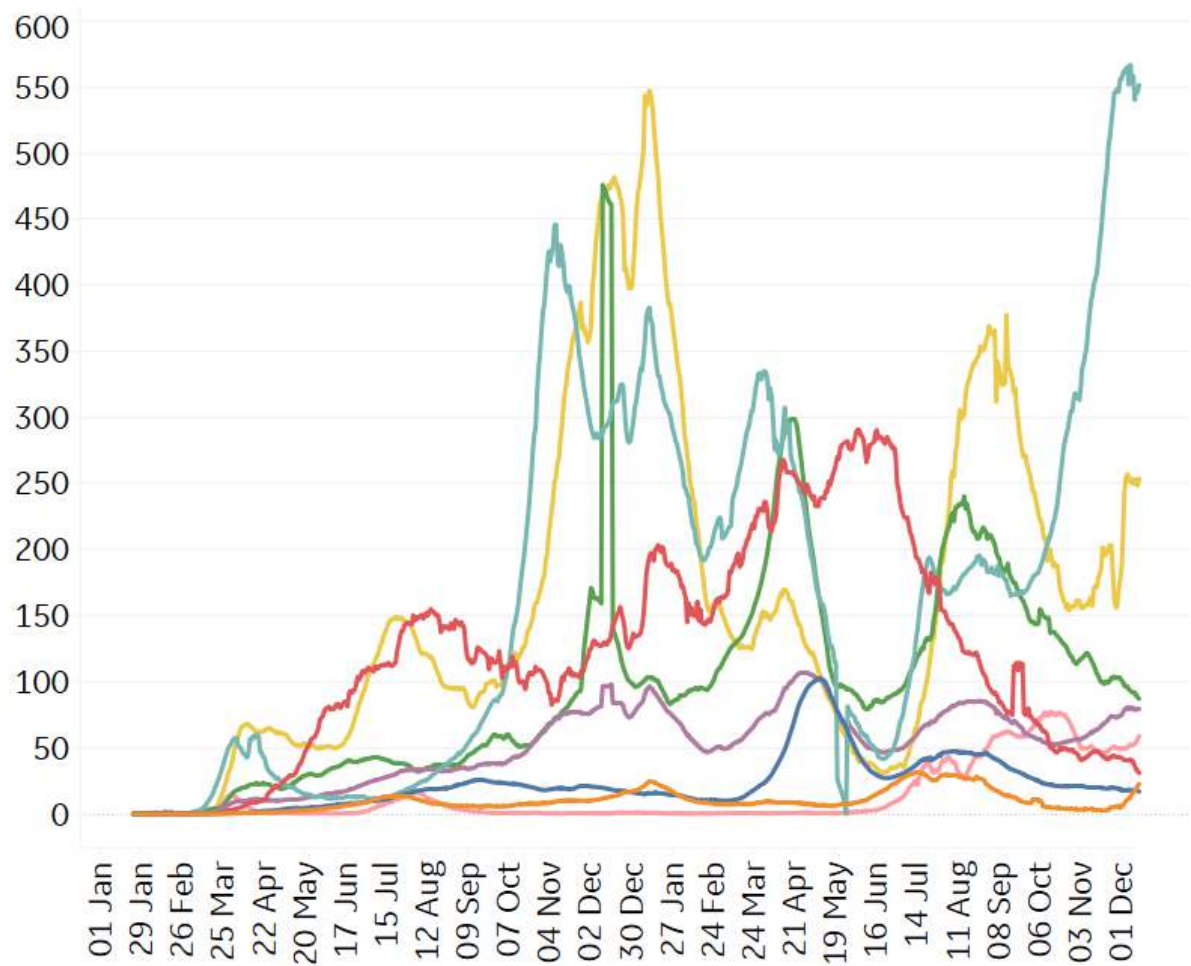
Worldwide Survival Rate = (Confirmed - Deaths) / (Confirmed) in a given time period



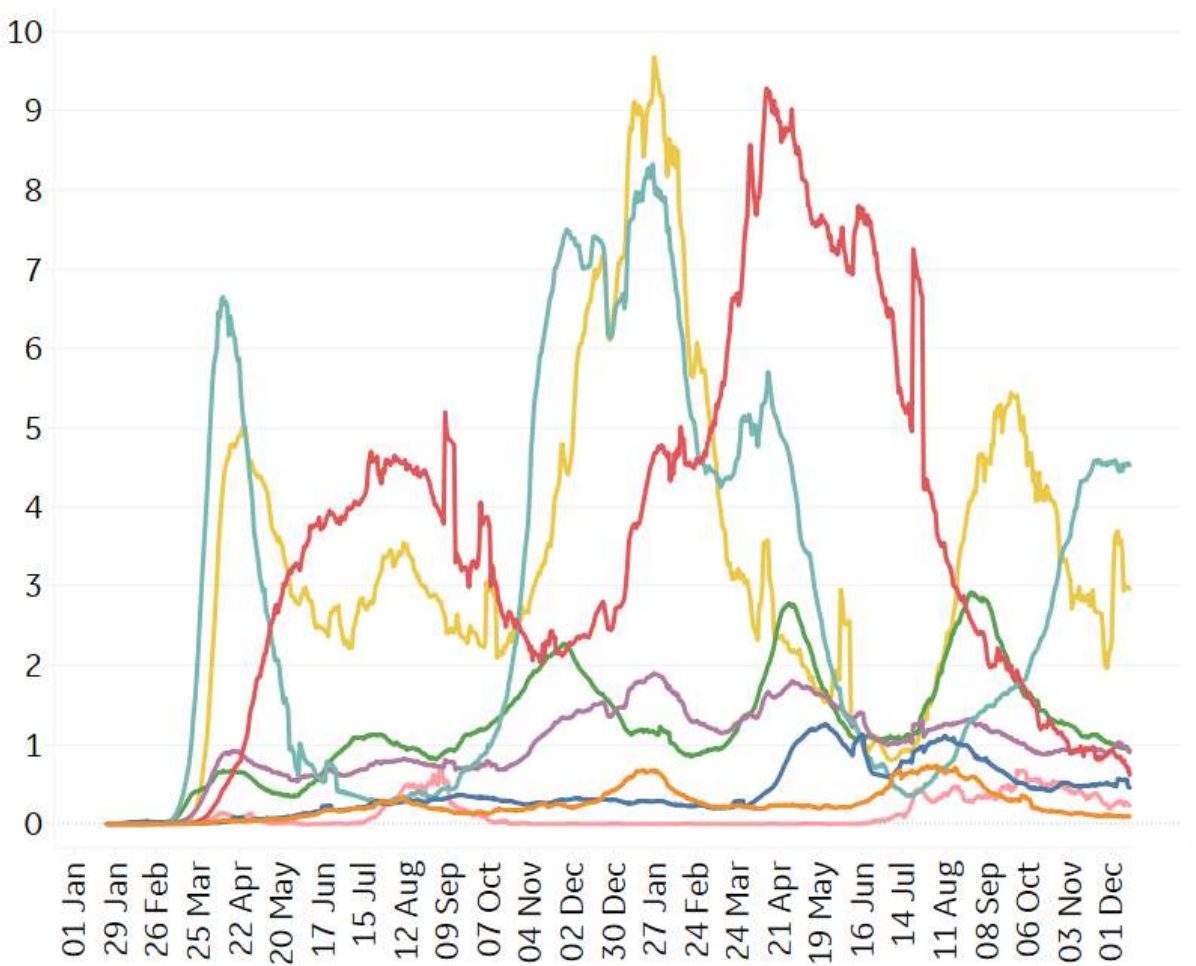
# New Confirmed Cases & New Deaths

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



\*Large jump in Middle East confirmed cases due to batched reporting of 823,225 new cases in Turkey on 10 Dec 2020  
\*Significant drop in France and EU due to batched reporting adjustment on 20 May 2021



# Top 50 Countries: Per 1M



1 - 25	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
Bulgaria	187	10	102,856	95,394	4,251	-33%	-32%
Bos. and Herz.	148	10	85,925	79,620	3,962	-15%	-7%
Hungary	612	19	124,109	109,710	3,818	-25%	19%
North Macedonia	143	6	105,353	99,543	3,715	-23%	-26%
Czechia	1,218	10	218,359	195,894	3,226	-13%	17%
Georgia	850	13	223,308	207,516	3,203	-8%	-12%
Romania	51	4	93,236	89,424	3,001	-54%	-56%
Brazil	20	0	104,333	100,999	2,900	-26%	-31%
Croatia	797	14	159,467	144,371	2,842	-22%	-6%
Slovakia	1,420	13	236,142	209,602	2,823	-13%	45%
Armenia	86	6	115,618	111,466	2,639	-49%	-41%
Slovenia	673	7	211,951	198,653	2,610	-42%	-15%
Argentina	48	0	118,561	115,313	2,584	41%	-29%
Lithuania	611	7	180,713	169,528	2,567	-4%	-28%
Colombia	37	1	100,148	97,050	2,538	-14%	8%
US	361	4	151,417	143,939	2,413	38%	43%
Belgium	1,113	4	169,047	148,567	2,384	-12%	18%
Poland	585	11	101,452	90,694	2,339	4%	31%
Moldova	115	5	91,722	87,685	2,328	-26%	-44%
Latvia	353	7	139,018	131,668	2,320	-21%	-43%
Italy	283	2	86,637	80,726	2,232	48%	29%
UK	758	2	161,082	148,754	2,164	16%	-10%
Chile	76	1	93,333	90,115	2,025	-30%	9%
EU	570	4	112,329	102,346	1,956	5%	11%
Spain	419	1	114,213	108,341	1,893	92%	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 - 50	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
France	724	2	128,130	116,585	1,860	87%	74%
Greece	487	9	96,585	87,483	1,856	-18%	4%
Portugal	387	2	117,352	110,395	1,831	46%	47%
Uruguay	58	0	115,872	113,238	1,769	6%	-46%
Panama	57	0	111,427	108,958	1,712	13%	26%
Kosovo	5	0	87,361	85,675	1,619	-5%	33%
Sweden	241	0	121,714	117,202	1,504	85%	-27%
Austria	462	6	136,814	126,420	1,468	-55%	17%
Costa Rica	11	0	111,500	109,779	1,439	-24%	-30%
Estonia	356	4	172,326	165,842	1,406	-27%	-38%
Serbia	163	4	145,949	141,961	1,397	-40%	-23%
Switzerland	1,103	3	131,186	114,903	1,363	48%	92%
Lebanon	235	2	101,216	96,660	1,298	42%	13%
Netherlands	1,014	4	171,356	154,168	1,202	-11%	32%
Jordan	469	3	99,508	91,829	1,178	24%	34%
Ireland	901	2	127,244	113,182	1,172	3%	58%
West Bank and G..	66	1	101,627	99,628	1,060	48%	14%
Israel	72	0	156,087	154,208	950	55%	N/A
Turkey	233	2	107,435	103,072	941	-15%	-7%
Bahrain	18	0	163,416	162,340	819	14%	-100%
Mongolia	77	1	117,576	115,759	621	-52%	N/A
Kuwait	6	0	96,875	96,208	577	31%	-67%
Denmark	1,150	2	98,145	83,772	524	40%	23%
Cyprus	477	1	117,253	110,364	506	25%	N/A
Total World	79	1	34,953	33,158	686	9%	4%

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





# Top 50 Countries: Raw Volume

Updated 14 Dec 2021, 3:30 GMT

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1 - 25	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
EU	253,834	2,002	50,014,448	45,569,754	870,921	5%	11%
US	119,604	1,258	50,119,422	47,644,309	798,710	38%	43%
Brazil	4,226	102	22,177,059	21,468,292	616,457	-26%	-31%
India	7,068	268	34,697,860	34,112,186	475,636	-16%	30%
Mexico	2,314	194	3,918,216	3,587,894	296,672	-13%	-3%
Russia	29,909	1,133	9,871,229	9,151,741	284,909	-10%	-4%
Peru	1,565	56	2,254,373	2,033,200	201,770	-1%	33%
UK	51,455	119	10,935,244	10,098,309	146,935	16%	-10%
Indonesia	205	10	4,259,249	4,112,164	143,948	-38%	-13%
Italy	17,092	92	5,238,221	4,880,861	134,929	48%	29%
Iran	2,814	70	6,157,519	5,982,428	130,764	-35%	-27%
Colombia	1,866	49	5,095,821	4,938,185	129,163	-14%	8%
France	47,267	102	8,363,479	7,609,927	121,424	87%	74%
Argentina	2,186	13	5,358,455	5,211,645	116,771	41%	-29%
Germany	51,739	427	6,581,433	5,748,653	106,231	-5%	45%
Ukraine	9,222	415	3,738,390	3,498,500	96,910	-33%	-29%
South Africa	20,387	25	3,180,785	2,873,531	90,148	477%	-2%
Poland	22,136	401	3,839,625	3,432,453	88,508	4%	31%
Spain	19,576	46	5,339,992	5,065,439	88,484	92%	63%
Turkey	19,689	186	9,060,945	8,693,020	79,322	-15%	-7%
Romania	972	84	1,793,643	1,720,304	57,741	-54%	-56%
Philippines	236	120	2,836,803	2,782,034	50,341	-68%	-34%
Chile	1,445	26	1,784,165	1,722,649	38,716	-30%	9%
Hungary	5,910	182	1,198,939	1,059,834	36,884	-25%	19%
Czechia	13,048	112	2,338,402	2,097,829	34,551	-13%	17%

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			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
Malaysia	4,587	37	2,695,143	2,596,995	30,908	-12%	-16%
Canada	4,153	20	1,849,762	1,768,521	29,994	36%	-5%
Pakistan	307	8	1,289,543	1,256,001	28,839	-1%	1%
Vietnam	14,964	228	1,428,428	1,196,029	28,081	8%	62%
Bangladesh	284	4	1,579,710	1,547,980	28,031	13%	-6%
Belgium	12,898	45	1,959,193	1,721,838	27,631	-12%	18%
Iraq	485	13	2,088,359	2,056,454	23,994	-24%	-31%
Thailand	3,325	28	2,172,044	2,090,372	21,194	-30%	-30%
Netherlands	17,378	63	2,936,170	2,641,651	20,596	-11%	32%
Greece	5,080	90	1,006,706	911,838	19,345	-18%	4%
Portugal	3,943	17	1,196,602	1,125,669	18,673	46%	47%
Japan	115	1	1,728,090	1,708,185	18,370	-3%	-52%
Kazakhstan	643	14	1,063,809	1,036,042	18,049	-33%	-20%
Slovakia	7,753	74	1,289,252	1,144,352	15,415	-13%	45%
Sweden	2,439	3	1,229,217	1,183,657	15,191	85%	-27%
Morocco	129	1	951,544	934,987	14,798	16%	-21%
Austria	4,157	53	1,232,204	1,138,591	13,218	-55%	17%
Georgia	3,392	53	890,813	827,816	12,777	-8%	-12%
Serbia	1,427	36	1,275,214	1,240,364	12,209	-40%	-23%
Jordan	4,789	34	1,015,289	936,942	12,024	24%	34%
Switzerland	9,548	24	1,135,363	994,446	11,793	48%	92%
Nepal	244	2	824,535	809,564	11,557	-10%	-28%
Cuba	71	0	963,693	954,037	8,313	-59%	-24%
Israel	621	2	1,351,015	1,334,753	8,223	55%	-46%
Total World	615,161	7,003	270,778,107	256,874,708	5,312,062	9%	4%

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			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
Mississippi	162	2	174,672	169,108	3,471	43%	10%
Alabama	111	2	173,882	169,078	3,317	37%	10%
New Jersey	499	2	147,117	137,451	3,219	93%	41%
Louisiana	107	1	167,163	162,498	3,202	36%	-5%
Arizona	414	9	180,827	170,878	3,165	0%	40%
Oklahoma	324	3	172,788	165,258	3,062	68%	-6%
New York	526	3	147,019	136,978	2,993	53%	49%
Arkansas	239	5	178,508	171,956	2,938	38%	176%
Georgia	136	2	158,410	153,722	2,907	40%	-35%
Florida	86	2	174,788	170,382	2,890	229%	-23%
Massachusetts	701	3	142,366	129,972	2,853	81%	58%
West Virginia	546	9	171,975	161,207	2,850	36%	34%
Rhode Island	911	3	192,293	177,471	2,803	88%	35%
S. Carolina	201	3	181,056	175,467	2,798	60%	11%
South Dakota	455	6	193,954	183,641	2,721	41%	103%
Michigan	717	12	158,738	144,988	2,712	5%	70%
Pennsylvania	670	7	143,973	132,521	2,704	35%	46%
Indiana	670	7	172,645	160,281	2,686	57%	94%
Nevada	205	4	151,261	145,643	2,662	22%	53%
Montana	176	8	181,427	175,522	2,648	-34%	30%
New Mexico	540	4	158,448	146,724	2,615	10%	-21%
Kentucky	498	12	182,485	172,740	2,610	56%	18%
North Dakota	461	7	219,498	209,253	2,610	-5%	16%
Tennessee	260	6	196,198	189,837	2,600	54%	142%
Texas	192	2	151,580	146,734	2,574	57%	-4%

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			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
Missouri	439	3	154,542	145,501	2,560	31%	1295%
Wyoming	217	11	195,378	188,942	2,543	-17%	155%
Connecticut	664	2	125,464	115,506	2,516	144%	184%
Iowa	528	5	173,146	163,327	2,393	21%	4%
Kansas	563	6	168,228	157,637	2,361	55%	164%
Ohio	625	4	152,880	141,679	2,342	38%	11%
Illinois	565	3	150,275	140,061	2,315	68%	88%
Delaware	720	4	165,706	154,746	2,278	78%	41%
Idaho	230	4	174,692	169,091	2,256	5%	-34%
California	149	2	130,887	126,734	1,908	33%	-11%
Maryland	0	0	98,033	94,885	1,862	-38%	-47%
N. Carolina	301	2	150,192	144,282	1,813	67%	7%
Wisconsin	882	7	177,525	165,643	1,790	26%	89%
Minnesota	694	7	170,299	157,758	1,781	15%	39%
Virginia	295	3	117,239	111,563	1,752	58%	-7%
DC	143	0	97,346	93,033	1,699	50%	200%
Nebraska	477	6	166,706	157,734	1,687	26%	19%
Colorado	360	7	149,057	141,897	1,679	-16%	15%
New Hampshire	1,102	6	130,983	116,568	1,315	32%	47%
Oregon	171	5	95,208	91,197	1,285	15%	-18%
Washington	181	3	104,237	100,263	1,258	15%	21%
Alaska	253	1	210,288	204,939	1,213	-34%	-80%
Utah	354	3	191,316	184,327	1,142	1%	13%
Maine	731	3	96,709	87,323	1,017	48%	-22%
Hawaii	100	3	63,126	61,112	747	6%	-2%
Vermont	676	3	89,880	79,118	692	32%	37%

Sorted by Total Deaths / 1M





# United States: Raw Volume

Updated 14 Dec 2021, 3:30 GMT

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1 - 25	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
California	5,903	67	5,171,651	5,007,535	75,378	33%	-11%
Texas	5,561	59	4,395,205	4,254,677	74,632	57%	-4%
Florida	1,855	41	3,754,042	3,659,430	62,073	229%	-23%
New York	10,223	58	2,860,036	2,664,714	58,222	53%	49%
Pennsylvania	8,574	94	1,843,137	1,696,536	34,618	35%	46%
Georgia	1,446	24	1,681,906	1,632,135	30,860	40%	-35%
Illinois	7,153	41	1,904,259	1,774,822	29,339	68%	88%
New Jersey	4,429	18	1,306,722	1,220,865	28,589	93%	41%
Ohio	7,301	51	1,787,029	1,656,101	27,371	38%	11%
Michigan	7,164	120	1,585,297	1,447,973	27,080	5%	70%
Arizona	3,016	64	1,316,189	1,243,773	23,036	0%	40%
Massachusetts	4,828	21	981,261	895,832	19,663	81%	58%
N. Carolina	3,159	21	1,575,222	1,513,240	19,010	67%	7%
Indiana	4,509	50	1,162,284	1,079,044	18,084	57%	94%
Tennessee	1,774	40	1,339,872	1,296,429	17,759	54%	142%
Alabama	542	11	852,574	829,019	16,265	37%	10%
Missouri	2,692	21	948,493	893,004	15,711	31%	1295%
Virginia	2,520	27	1,000,694	952,252	14,957	58%	-7%
Louisiana	498	7	777,106	755,421	14,884	36%	-5%
S. Carolina	1,035	13	932,206	903,428	14,405	60%	11%
Oklahoma	1,280	13	683,719	653,922	12,118	68%	-6%
Kentucky	2,227	53	815,283	771,747	11,662	56%	18%
Maryland	0	0	592,679	573,644	11,255	-38%	-47%
Wisconsin	5,134	42	1,033,629	964,446	10,425	26%	89%
Mississippi	481	5	519,851	503,291	10,331	43%	10%

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			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
Minnesota	3,914	38	960,425	889,697	10,042	15%	39%
Colorado	2,076	41	858,382	817,145	9,670	-16%	15%
Washington	1,375	21	793,757	763,489	9,580	15%	21%
Connecticut	2,366	7	447,316	411,813	8,972	144%	184%
Arkansas	720	16	538,701	518,929	8,865	38%	176%
Nevada	632	13	465,906	448,603	8,200	22%	53%
Iowa	1,666	15	546,287	515,308	7,550	21%	4%
Kansas	1,641	19	490,101	459,246	6,879	55%	164%
New Mexico	1,132	9	332,238	307,655	5,484	10%	-21%
Oregon	723	22	401,564	384,646	5,420	15%	-18%
West Virginia	979	17	308,204	288,907	5,107	36%	34%
Idaho	410	8	312,186	302,177	4,032	5%	-34%
Utah	1,134	9	613,350	590,945	3,661	1%	13%
Nebraska	923	12	322,477	305,121	3,263	26%	19%
Rhode Island	966	3	203,708	188,006	2,969	88%	35%
Montana	188	9	193,905	187,594	2,830	-34%	30%
South Dakota	403	5	171,583	162,460	2,407	41%	103%
Delaware	701	3	161,359	150,686	2,218	78%	41%
North Dakota	351	5	167,271	159,464	1,989	-5%	16%
New Hampshire	1,498	8	178,099	158,499	1,788	32%	47%
Wyoming	125	6	113,077	109,352	1,472	-17%	155%
Maine	983	4	129,997	117,381	1,367	48%	-22%
DC	101	0	68,702	65,658	1,199	50%	200%
Hawaii	142	4	89,379	86,527	1,058	6%	-2%
Alaska	185	1	153,835	149,922	887	-34%	-80%
Vermont	422	2	56,084	49,369	432	32%	37%

Sorted by Total Deaths



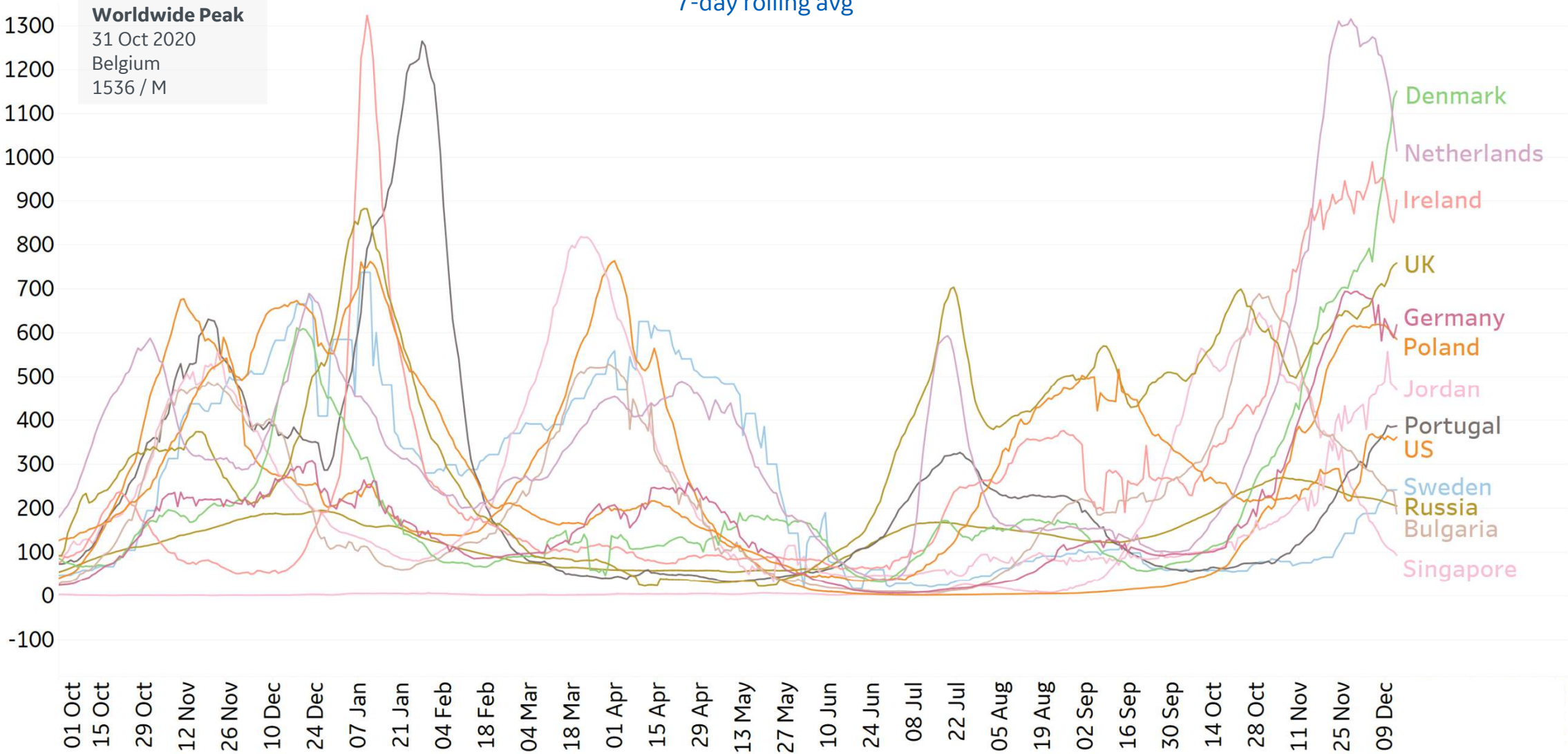
# New Confirmed Cases in Select Countries

Updated 14 Dec 2021, 3:30 GMT

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## Daily New Confirmed Cases / 1M

7-day rolling avg





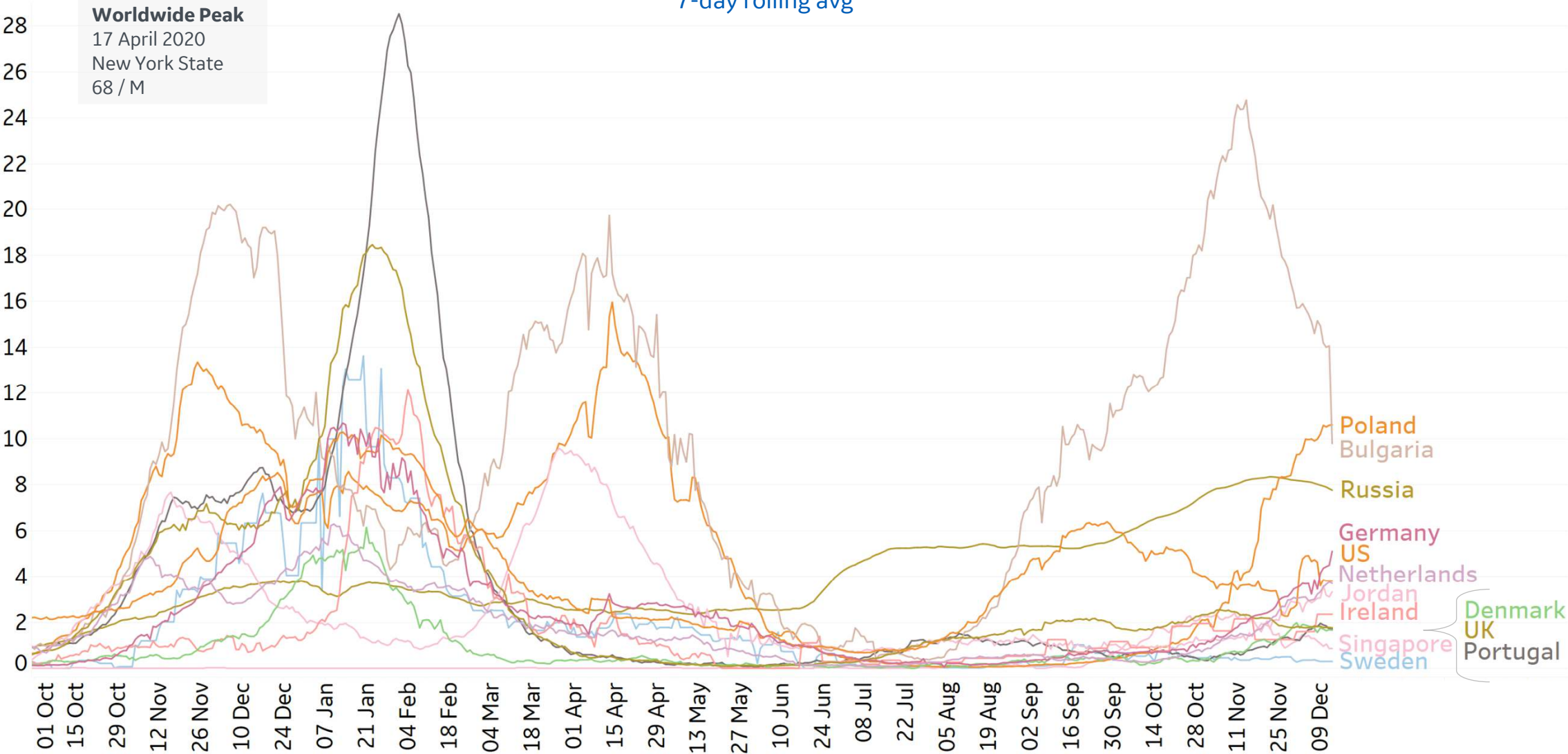


# New Deaths in Select Countries

Updated 14 Dec 2021, 3:30 GMT

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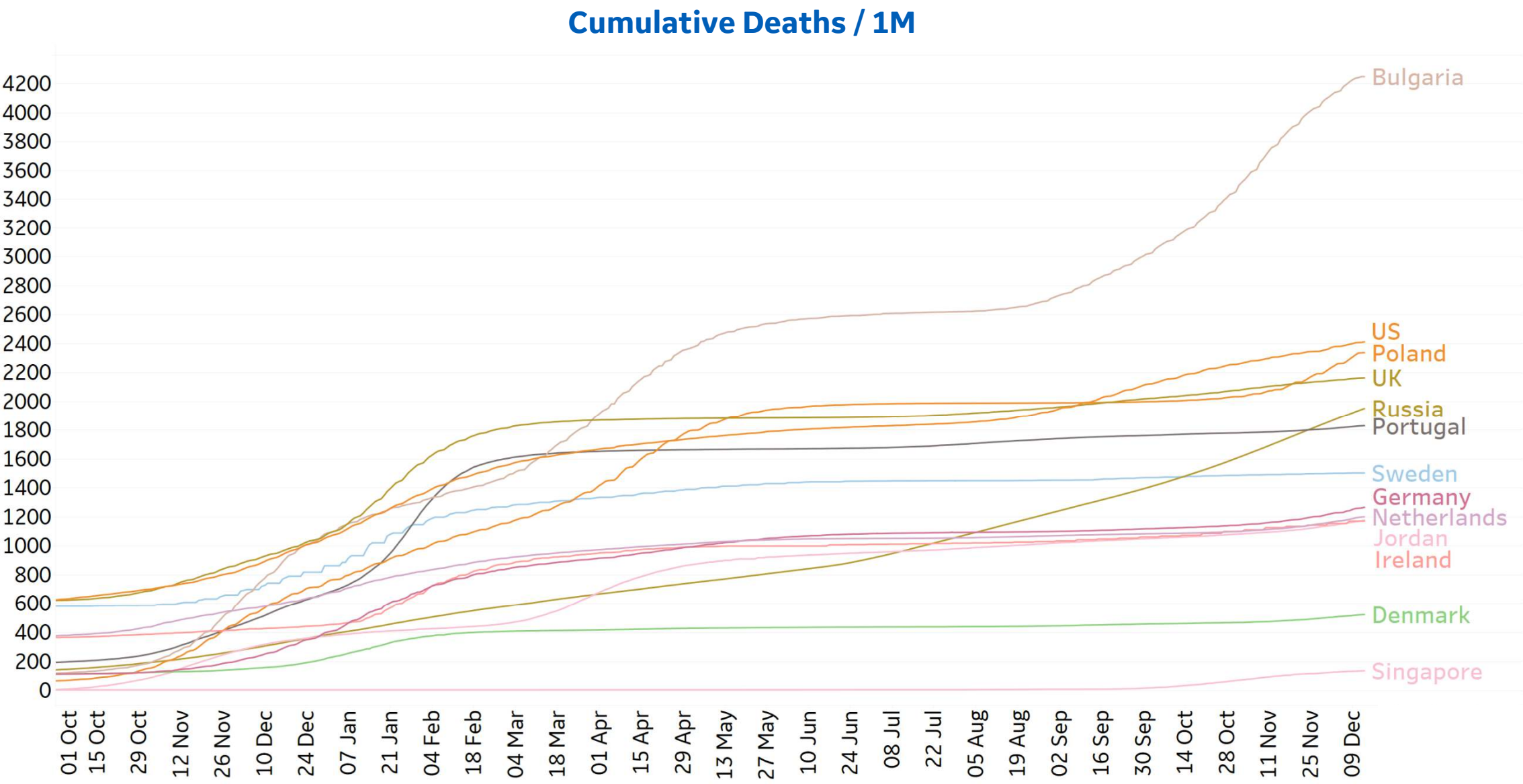
**Daily New Deaths / 1M**  
7-day rolling avg





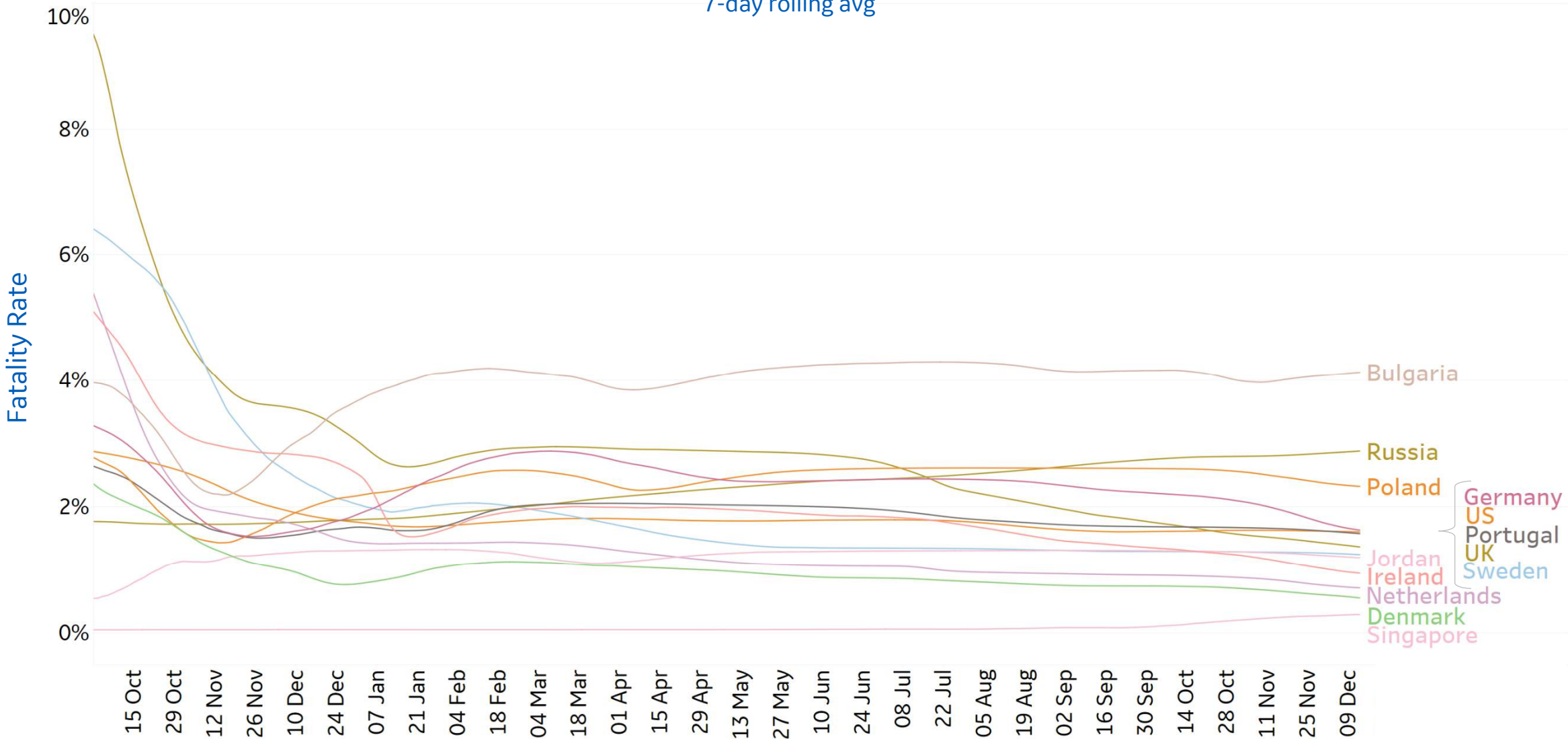


# Cumulative Deaths in Select Countries





7-day rolling avg



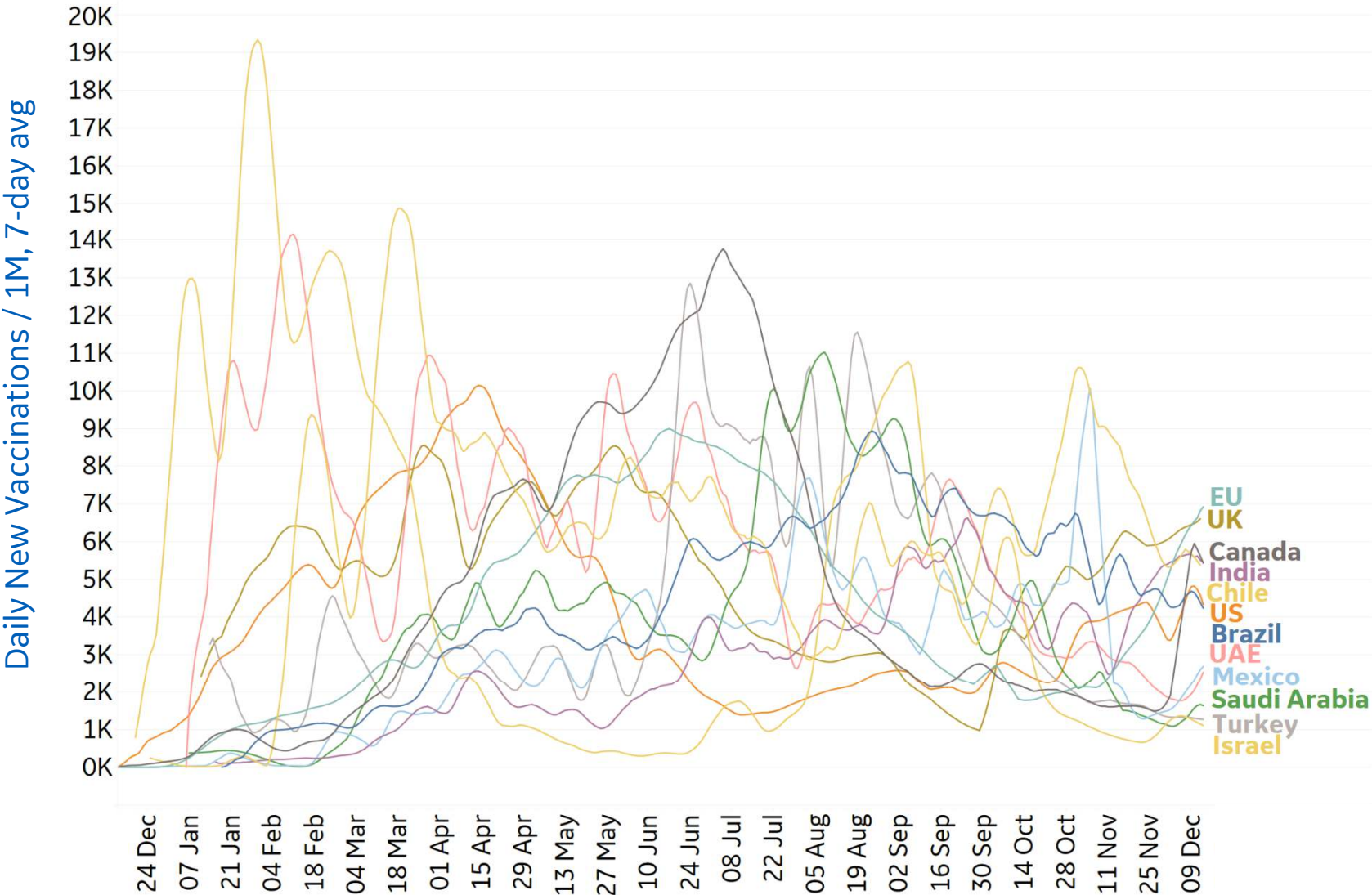


# Daily & Total Vaccinations, Select Countries

Updated 14 Dec 2021, 3:30 GMT

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Select countries with data available



	Total Vaccinations per 1M	% of Population Fully Vaccinated
UAE	2,241,239	91.2%
Chile	2,208,555	85.4%
Israel	1,887,537	66.9%
Portugal	1,805,668	88.6%
UK	1,791,475	68.9%
France	1,728,114	73.6%
Spain	1,724,898	80.7%
Italy	1,687,500	73.3%
Canada	1,678,111	77.4%
Germany	1,616,134	69.2%
EU	1,538,237	68.4%
Brazil	1,508,933	65.8%
US	1,466,332	60.6%
Turkey	1,444,218	60.4%
Saudi Arabia	1,381,762	65.5%
Mexico	1,065,339	51.4%
India	967,726	37.5%

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





# US State Vaccinations to Date

State	% Fully Vaccinated	% Rec'd at Least 1 Dose	Population
Vermont	75.4%	87.3%	623,989
Rhode Island	74.9%	85.8%	1,059,361
Maine	74.1%	83.7%	1,344,212
Connecticut	73.6%	86.2%	3,565,287
Massachusetts	73.3%	88.1%	6,892,503
West Virginia	71.0%	89.0%	1,792,147
New York	70.5%	81.1%	19,453,561
New Jersey	69.3%	81.2%	8,882,190
Maryland	69.3%	78.5%	6,045,680
Virginia	66.8%	77.2%	8,535,519
Washington	66.5%	74.1%	7,614,893
New Hampshire	65.7%	92.0%	1,359,711
Oregon	65.5%	72.8%	4,217,737
New Mexico	65.1%	78.7%	2,096,829
Colorado	65.0%	73.0%	5,758,736
California	64.9%	80.7%	39,512,223
Minnesota	64.3%	70.3%	5,639,632
Illinois	63.3%	70.9%	12,671,821
Delaware	62.8%	74.8%	973,764
Florida	62.5%	73.1%	21,477,737
Hawaii	62.4%	83.5%	1,415,872
Wisconsin	61.0%	67.0%	5,822,434
Pennsylvania	60.2%	84.0%	12,801,989
Nebraska	58.7%	65.2%	1,934,408
Iowa	57.9%	63.6%	3,155,070

59.7%

Total US population  
fully vaccinated  
(596,692 per million)

69.9%

Population Age 12+  
fully vaccinated  
(698,702 per million)

70.5%

Total US population  
having received  
at least 1 dose  
(704,897 per million)

82.5%

Population Age 12+  
having received  
at least 1 dose  
(825,406 per million)

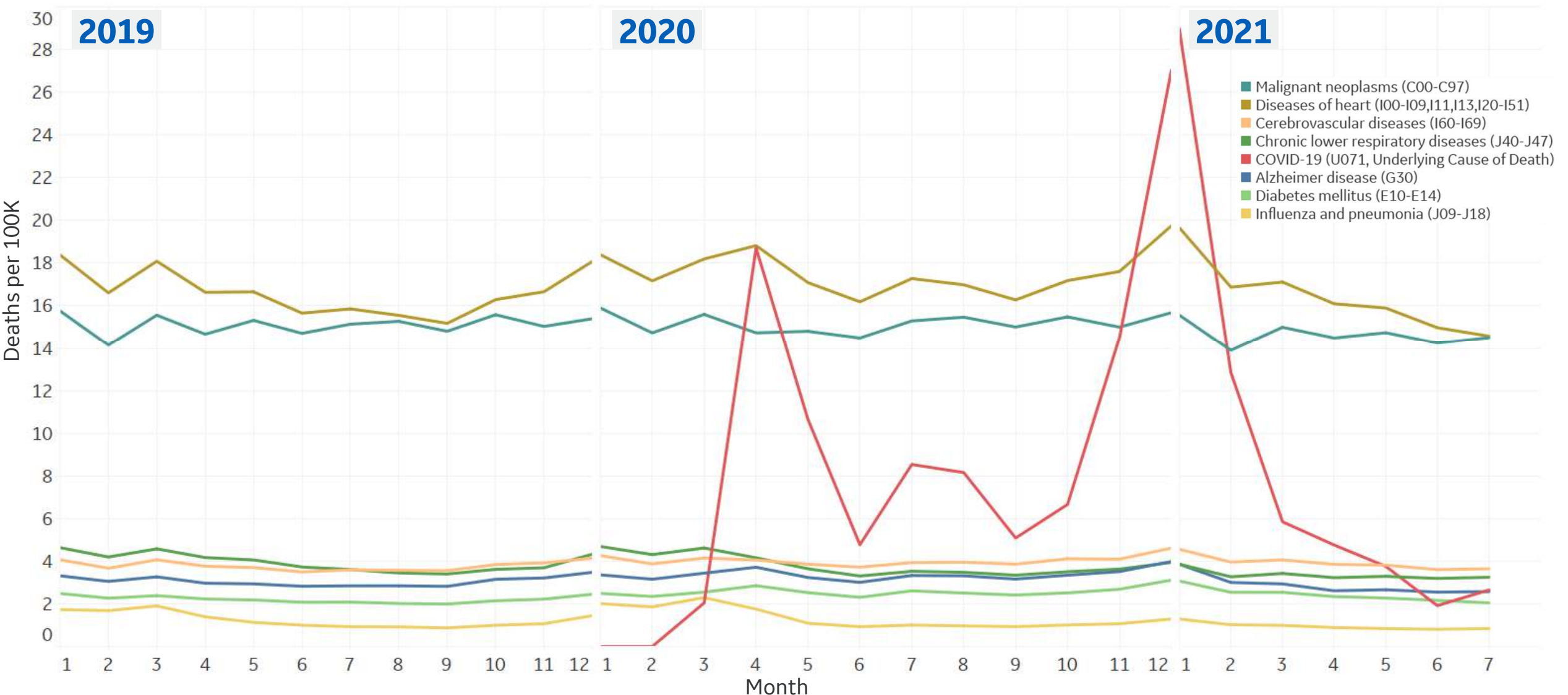
State	% Fully Vaccinated	% Rec'd at Least 1 Dose	Population
Utah	57.1%	65.9%	3,205,958
Arizona	56.0%	65.8%	7,278,717
Texas	56.0%	65.3%	28,995,881
Kansas	55.9%	67.7%	2,913,314
South Dakota	55.9%	68.9%	884,659
Michigan	55.9%	62.3%	9,986,857
Alaska	55.6%	64.1%	731,545
Nevada	55.6%	67.9%	3,080,156
North Carolina	55.5%	73.1%	10,488,084
Ohio	54.4%	59.5%	11,689,100
Kentucky	53.4%	61.4%	4,467,673
Montana	52.9%	60.9%	1,068,778
Oklahoma	52.6%	64.4%	3,956,971
South Carolina	52.3%	61.5%	5,148,714
Missouri	52.2%	61.2%	6,137,428
North Dakota	51.5%	61.0%	762,062
Indiana	51.4%	56.8%	6,732,219
Arkansas	50.4%	61.7%	3,017,804
Tennessee	50.3%	57.7%	6,829,174
Georgia	49.9%	60.0%	10,617,423
Louisiana	49.6%	56.5%	4,648,794
Mississippi	47.5%	54.7%	2,976,149
Alabama	46.9%	57.6%	4,903,185
Wyoming	46.4%	54.7%	578,759
Idaho	45.8%	51.5%	1,787,065



# Feature: US Mortality Rate for Select Causes of Death

## Monthly deaths per 100K for select causes of death

Patients may be double counted who had multiple causes of death listed as contributing conditions

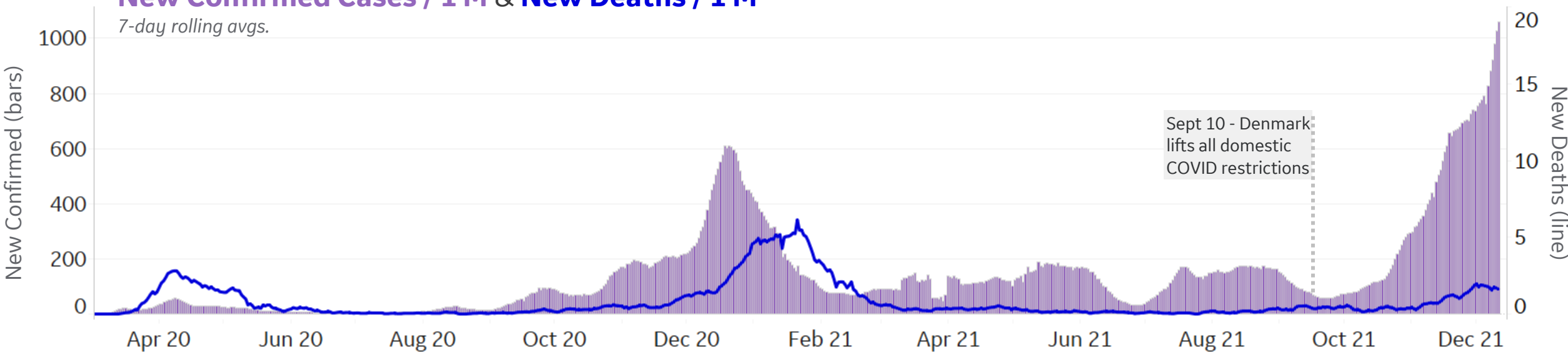




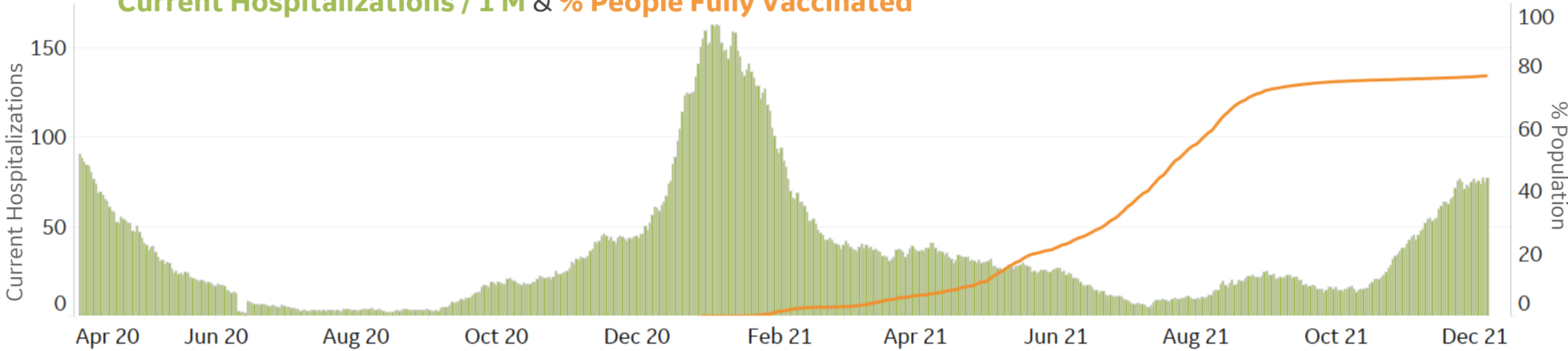
# Feature: COVID-19 in Denmark

## New Confirmed Cases / 1 M & New Deaths / 1 M

7-day rolling avgs.



## Current Hospitalizations / 1 M & % People Fully Vaccinated



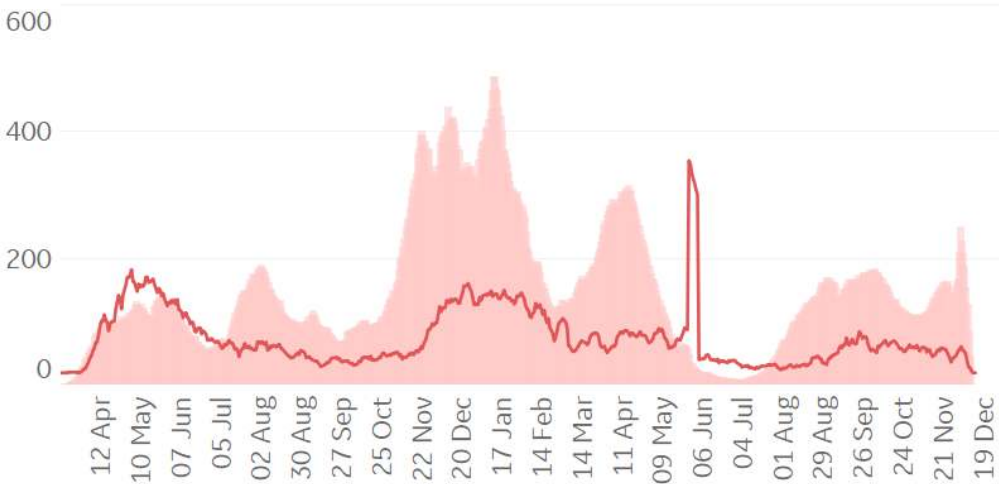




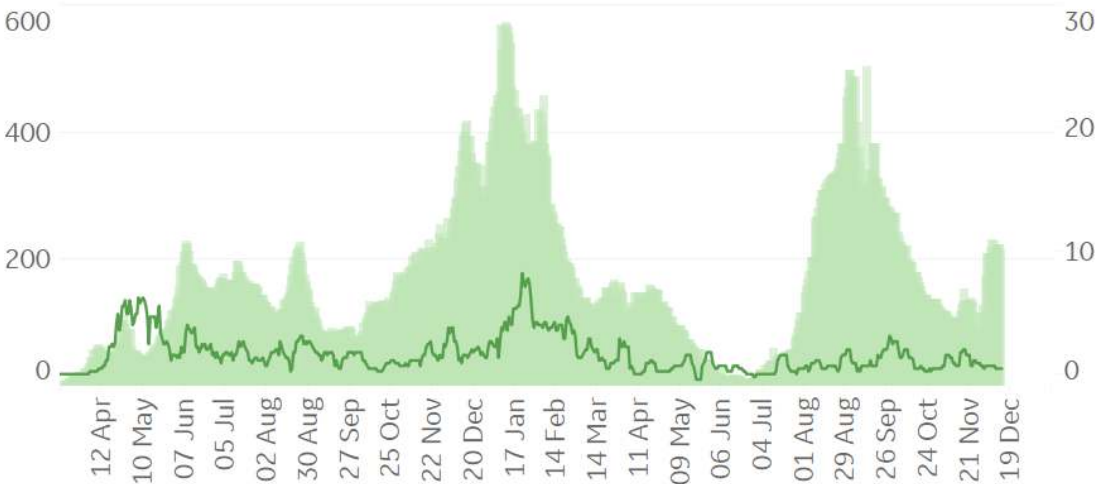
# Feature: Trends in CC Ecosystem Cities



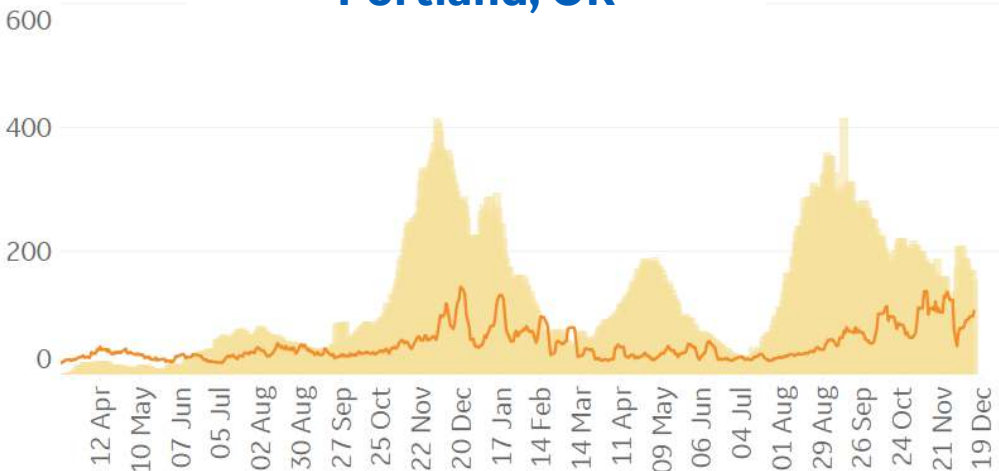
Baltimore, MD



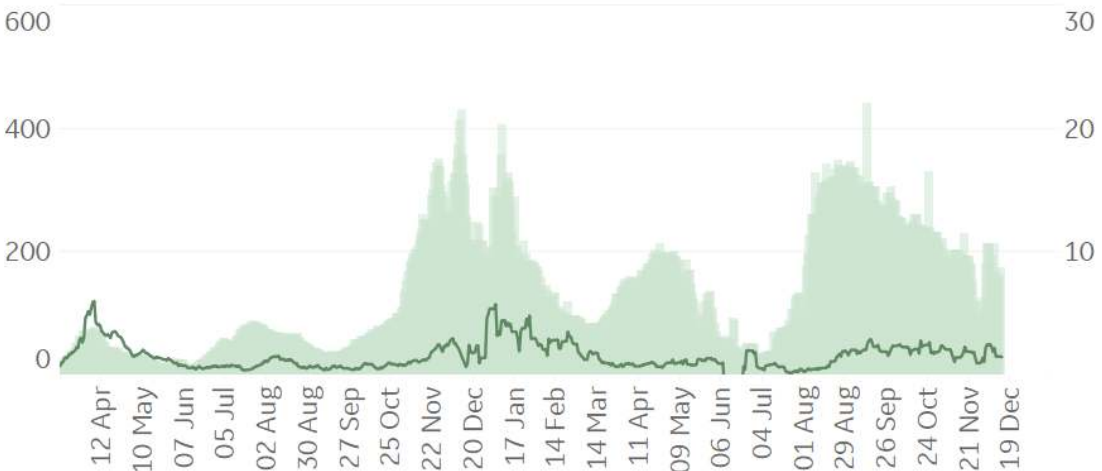
Durham, NC



Portland, OR



Seattle, WA

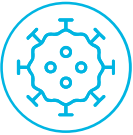


Daily New Confirmed Cases / 1M (Bars)

7-day Rolling Avg

Daily New Deaths / 1M (Lines)

7-day Rolling Avg



# Feature: Trends in CC Ecosystem Cities

Updated 14 Dec 2021, 3:30 GMT

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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

\*Miami and Orlando county deaths last updated 6/6

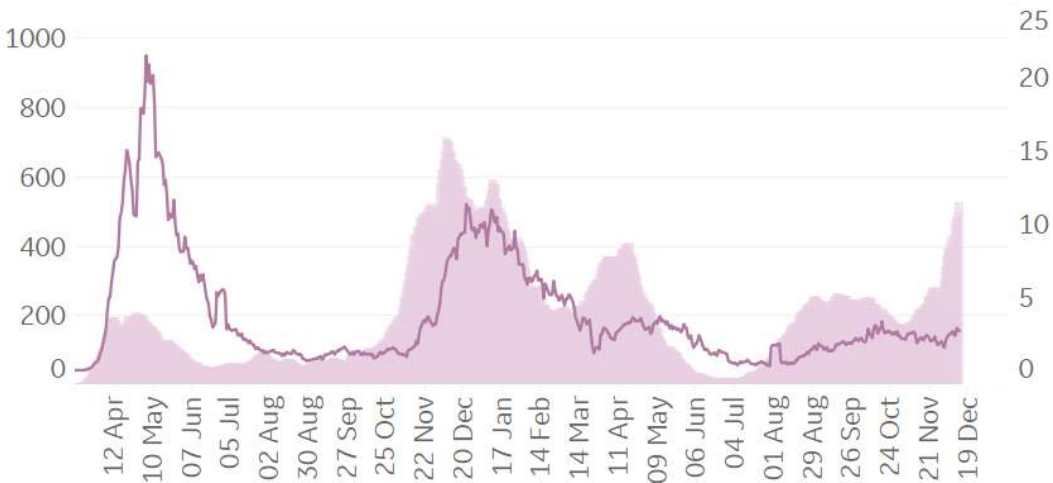


# Feature: Trends in CC Ecosystem Cities

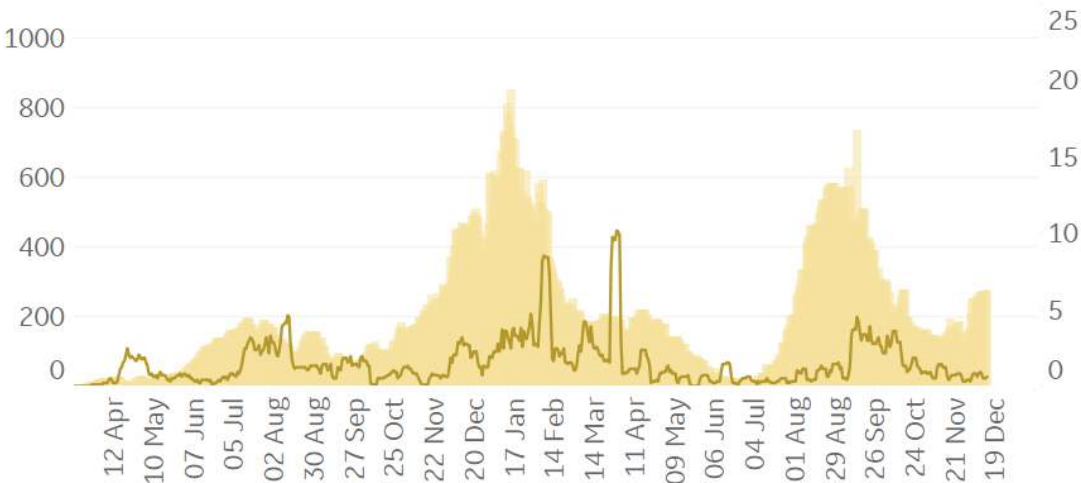
Daily New Confirmed Cases / 1M (Bars)

7-day Rolling Avg

Philadelphia, PA



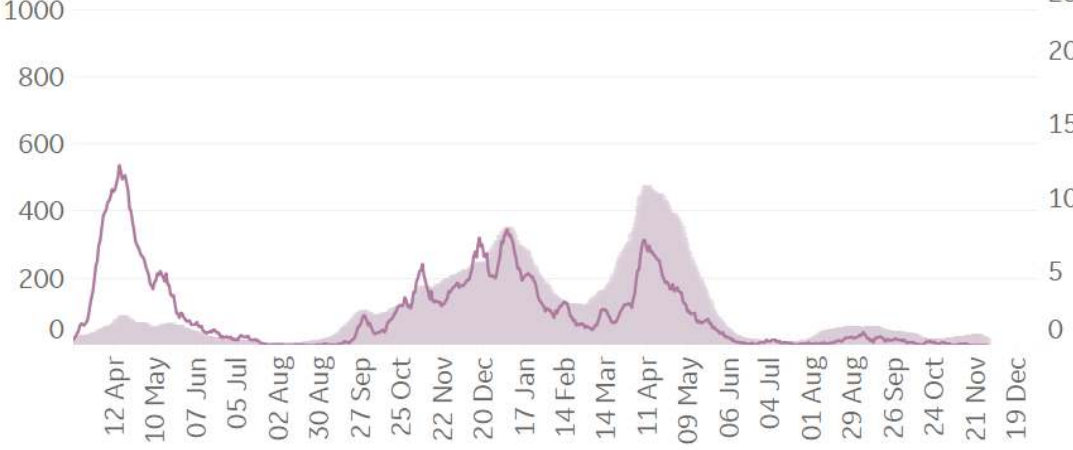
Raleigh, NC



Tampa, FL



Toronto, CA



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

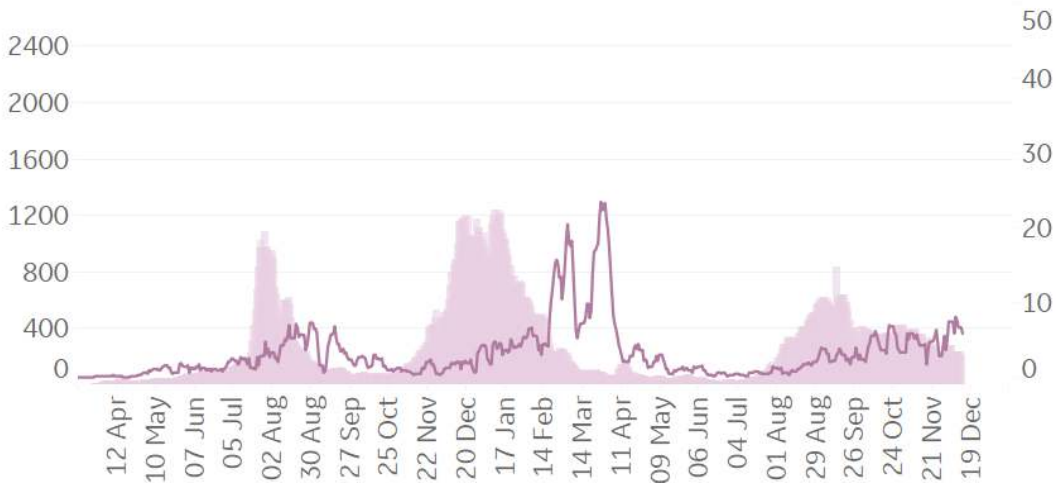
\*Tampa county deaths last updated 6/6  
\*Toronto last updated 11/30



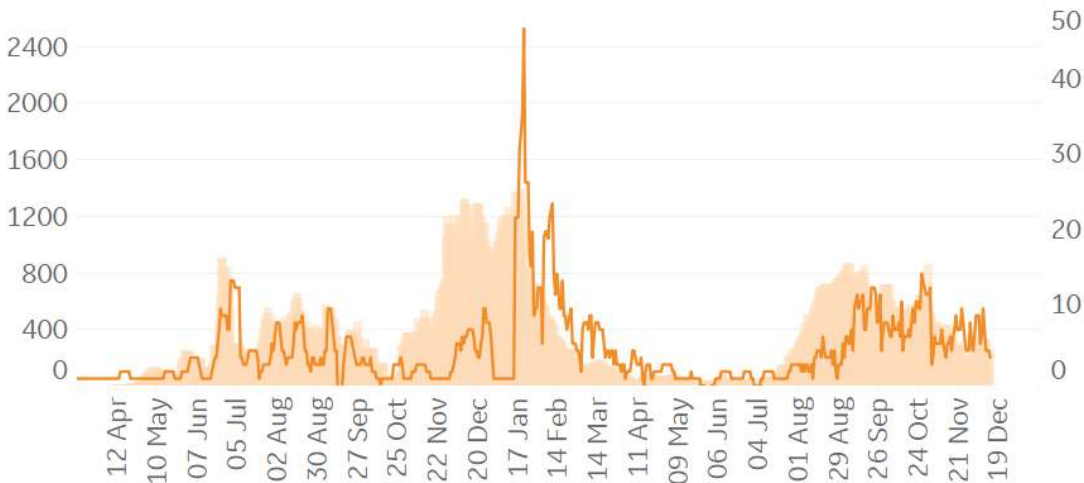


# Feature: Trends in CC Ecosystem Cities

Bakersfield, CA



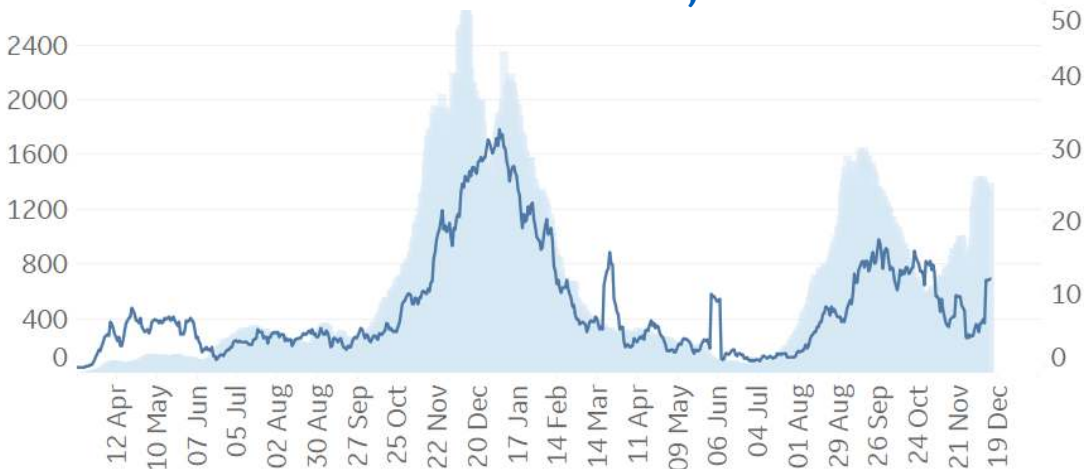
Hanford, CA



Los Angeles, CA



Cincinnati, OH



Daily New Confirmed Cases / 1M (Bars)

7-day Rolling Avg

Daily New Deaths / 1M (Lines)

7-day Rolling Avg



# Europe & Middle East

Updated 14 Dec 2021, 3:30 GMT

## Per 1M in Region

	Today	Change
Active Cases	96,186	+0.3%
Confirmed	337	+0.3%
Deaths	3	+0.2%
Recovered	376	+0.4%

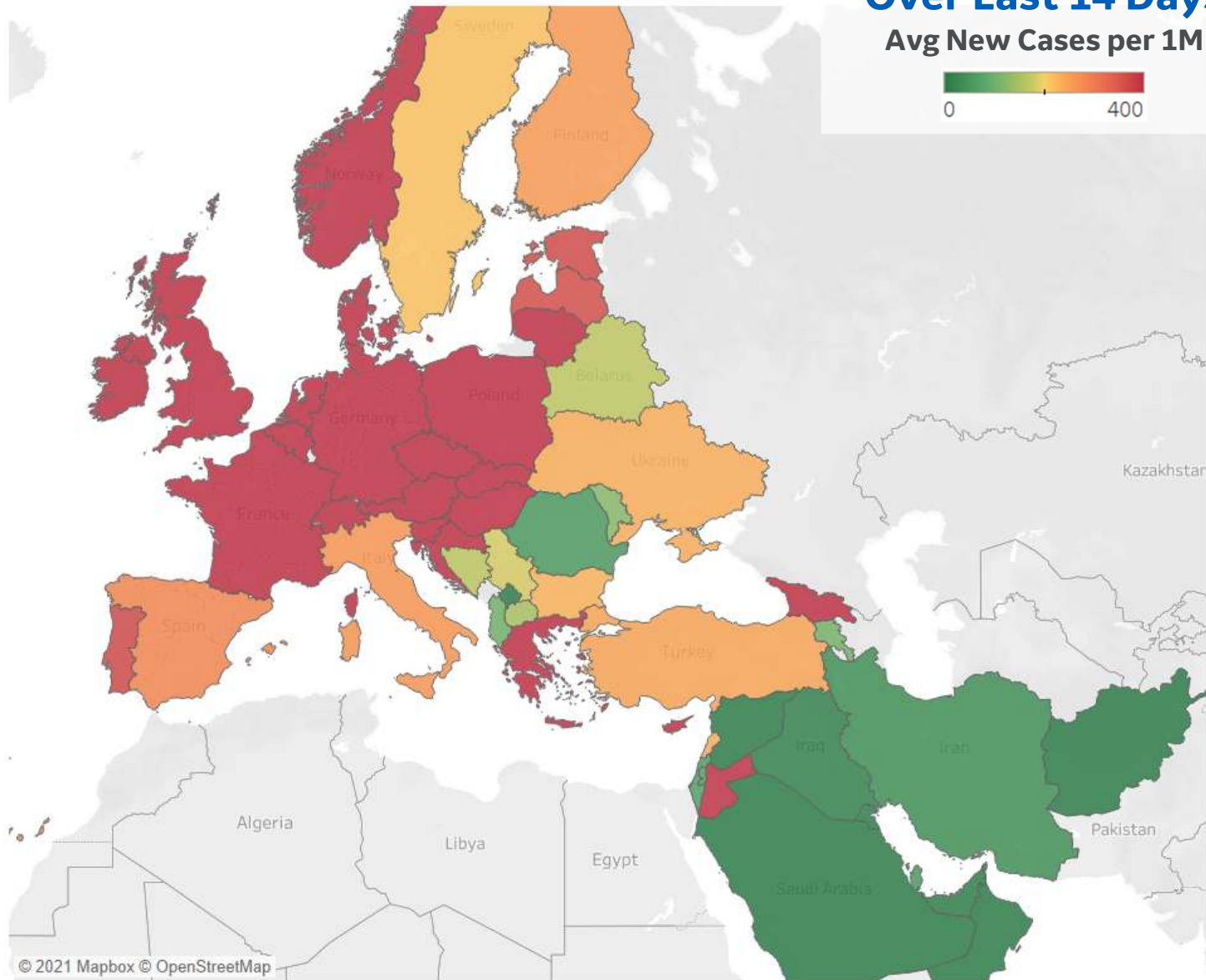
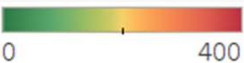
## Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Slovakia	1,694	14
Czechia	1,374	11
Belgium	1,293	4
Netherlands	1,142	3
Switzerland	1,066	2
Denmark	989	2
Ireland	921	2
Georgia	899	14
Croatia	875	15
Slovenia	763	7
Hungary	756	19
UK	726	2
Norway	713	1
France	692	2
Austria	638	6

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





# Mexico

## Per 1M in Region

	Today	Change
Active Cases	28,089	+0.0%
Confirmed	7	+0.0%
Deaths	0.4	+0.0%
Recovered	13	+0.0%

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

	Cases	Deaths
Baja California	109	6
Sonora	72	4
Chihuahua	59	3
Baja California Sur	45	1
Coahuila	44	3
Distrito Federal	43	1
Aguascalientes	39	3
Guanajuato	37	2
San Luis Potosí	29	1
Durango	22	1
Nacional	19	2
Querétaro	17	1
Nuevo León	14	3
Tamaulipas	14	2
Zacatecas	14	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



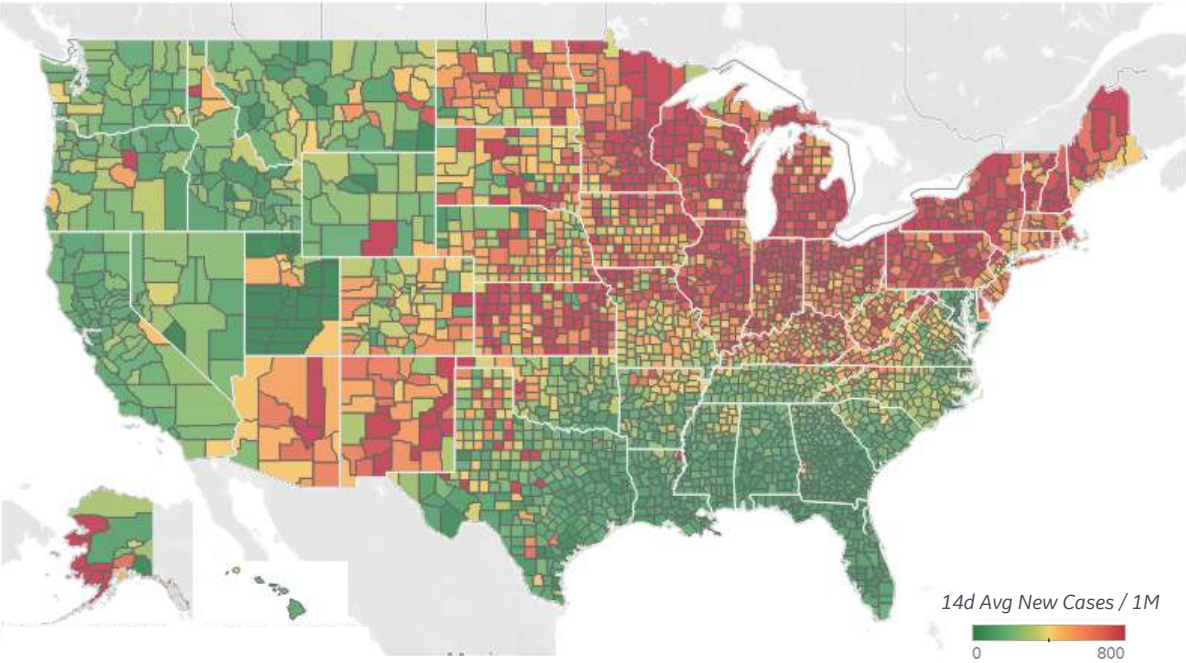




# US Counties: Recent Cases and Deaths

Updated 14 Dec 2021, 3:30 GMT 21

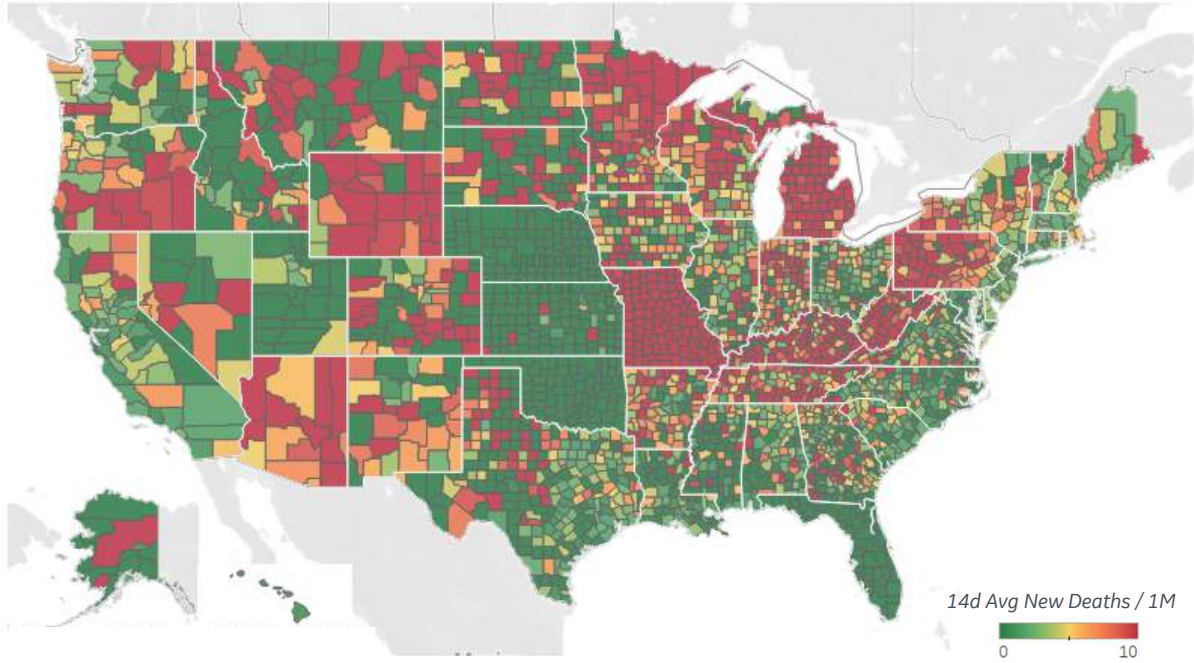
## Average New Cases per 1M Over Last 14 Days



### Top 10 by New Confirmed Avg New Confirmed Cases / 1M

Genesee County, MI	1,021
Brown County, WI	939
Washington County, MN	926
Anoka County, MN	921
Ottawa County, MI	912
Macomb County, MI	877
Hillsborough County, NH	874
Northampton County, PA	874
Allen County, IN	866
Bristol County, MA	865

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



### Top 10 by New Deaths Avg New Deaths/ 1M

Greene County, MO	35
St. Charles County, MO	28
Macomb County, MI	12
Wayne County, MI	12
Genesee County, MI	12
Jackson County, MO	12
Ingham County, MI	11
Erie County, PA	11
Kent County, MI	11
Anoka County, MN	10

Note: Lists includes counties ≥ 250K population

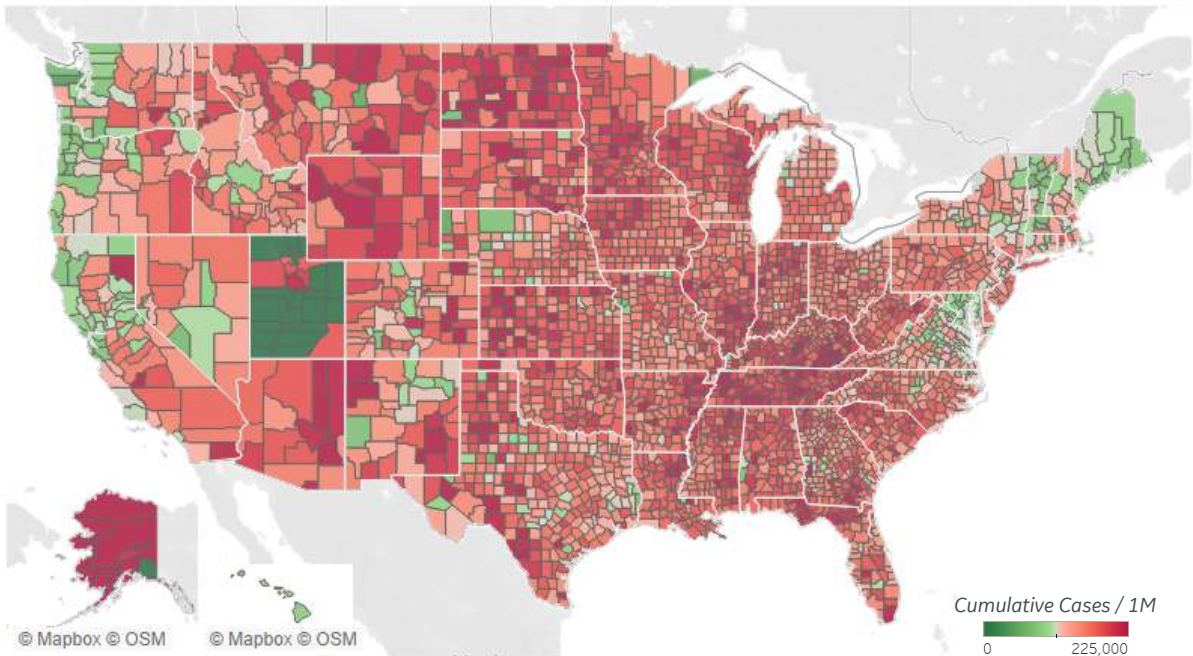
\*Nebraska data not available





# US Counties: Cumulative Cases and Deaths

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

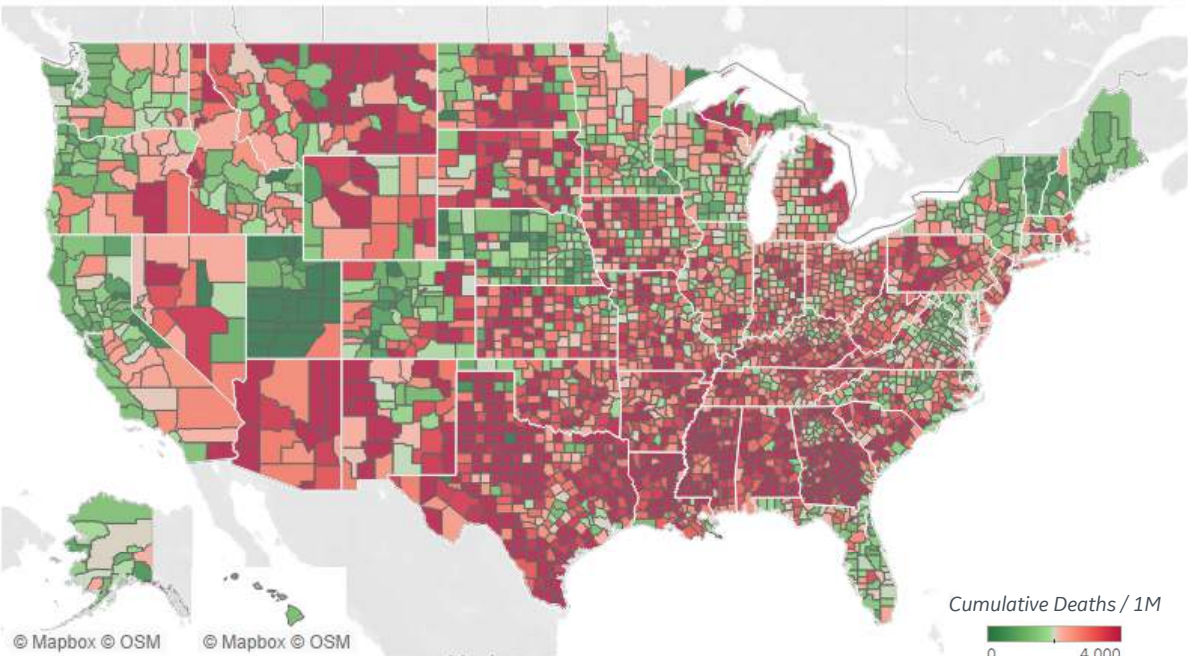


### Top 10 Counties

Total Confirmed Cases / 1M

Miami-Dade County, FL	254,244
Lubbock County, TX	222,566
Utah County, UT	220,403
Anchorage Municipality, AK	216,392
Greenville County, SC	208,883
Webb County, TX	207,748
Brown County, WI	207,419
Spartanburg County, SC	200,069
Providence County, RI	196,818
Osceola County, FL	196,699

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



### Top 10 Counties

Total Reported Deaths/ 1M

New York City*	6,504
Cameron County, TX	4,315
Passaic County, NJ	4,089
Hidalgo County, TX	4,034
Ocean County, NJ	3,987
Essex County, NJ	3,985
Spartanburg County, SC	3,925
Union County, NJ	3,712
Hampden County, MA	3,688
Nueces County, TX	3,602

\*Data last updated 12 October

\* New York City counties aggregated into one reporting area

Note: Lists includes counties > 250K population

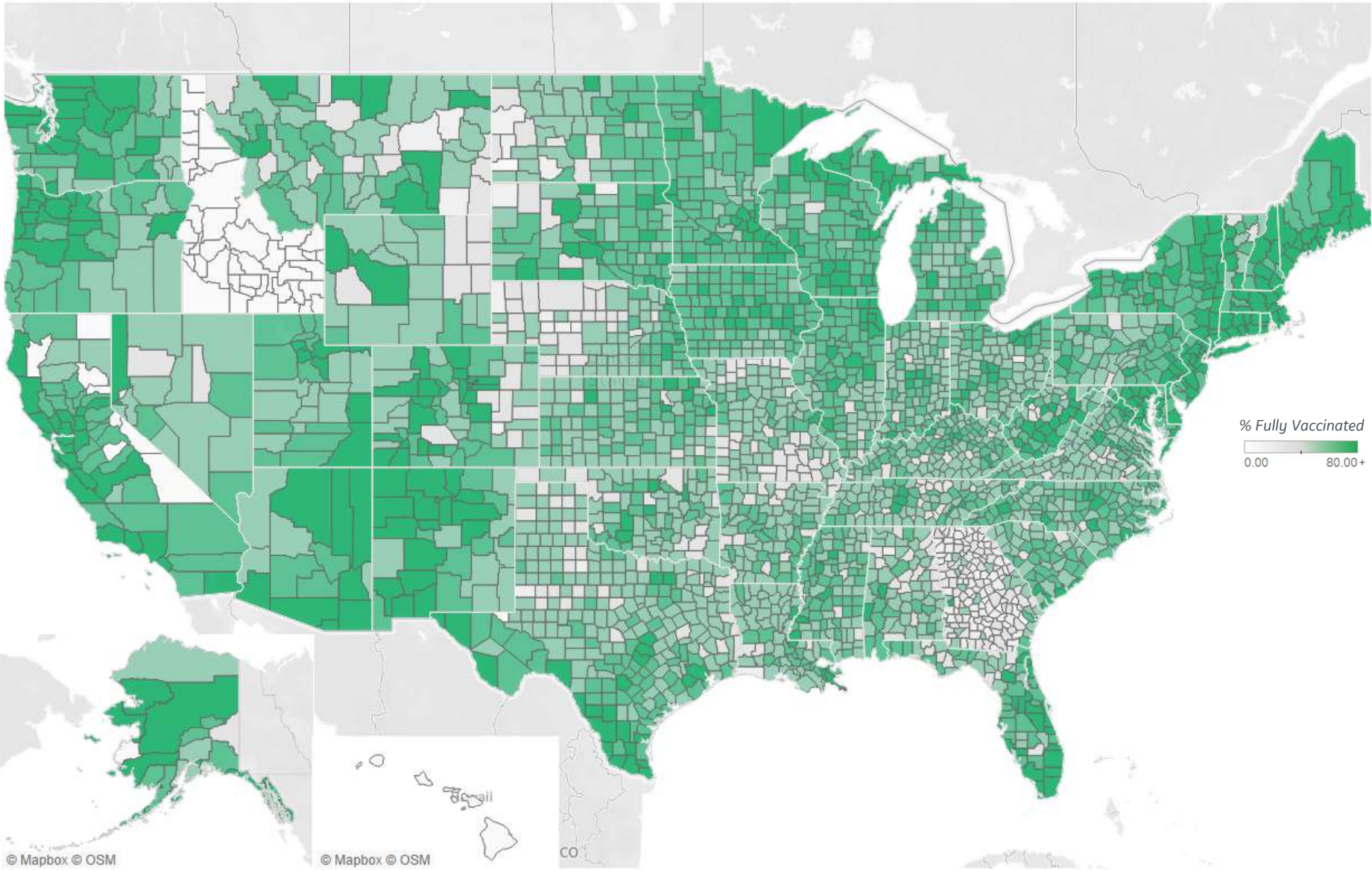




# US Counties: Fully Vaccinated (12+) Population

Updated 14 Dec 2021, 3:30 GMT

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## Top 20 Counties

Population Age 12+ Fully Vaccinated

Webb County, TX	95
Montgomery County, MD	93
Miami-Dade County, FL	91
Marin County, CA	90
Cumberland County, ME	90
Santa Clara County, CA	90
Howard County, MD	90
Dane County, WI	86
San Mateo County, CA	86
Fairfield County, CT	86
Nassau County, NY	86
Contra Costa County, CA	86
El Paso County, TX	85
Cameron County, TX	85
King County, WA	85
San Francisco County, CA	85
Alameda County, CA	84
Westchester County, NY	84
Fairfax County, VA	83
New London County, CT	83

\* 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





# Canada

## Per 1M in Region

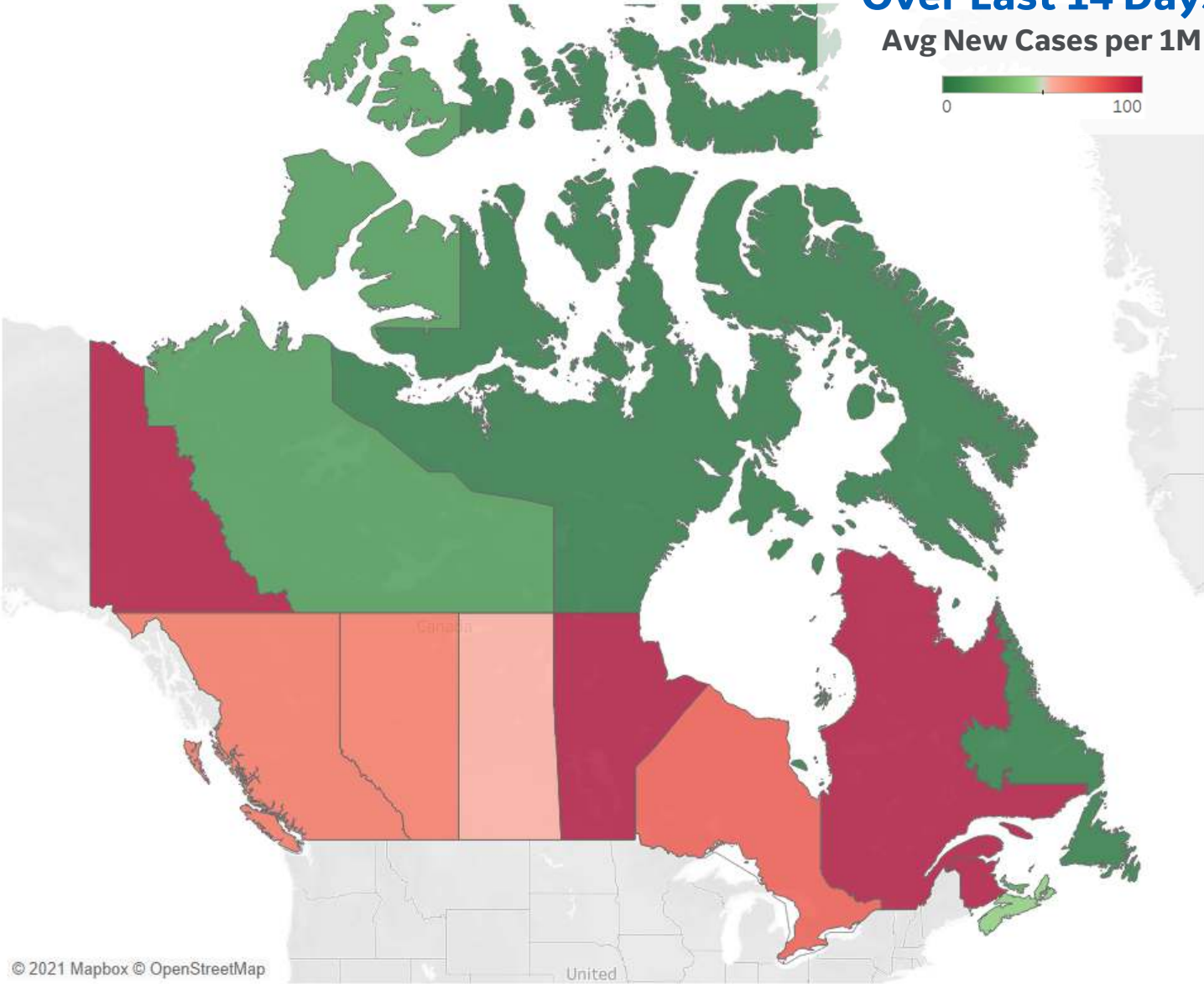
	Today	Change
Active Cases	48,216	+0.4%
Confirmed	214	+0.4%
Deaths	1	+0.1%
Recovered	111	+0.2%

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

	Cases	Deaths
Quebec	169	0
Manitoba	116	2
Saskatchewan	55	1
Alberta	70	1
British Columbia	71	1
Ontario	77	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

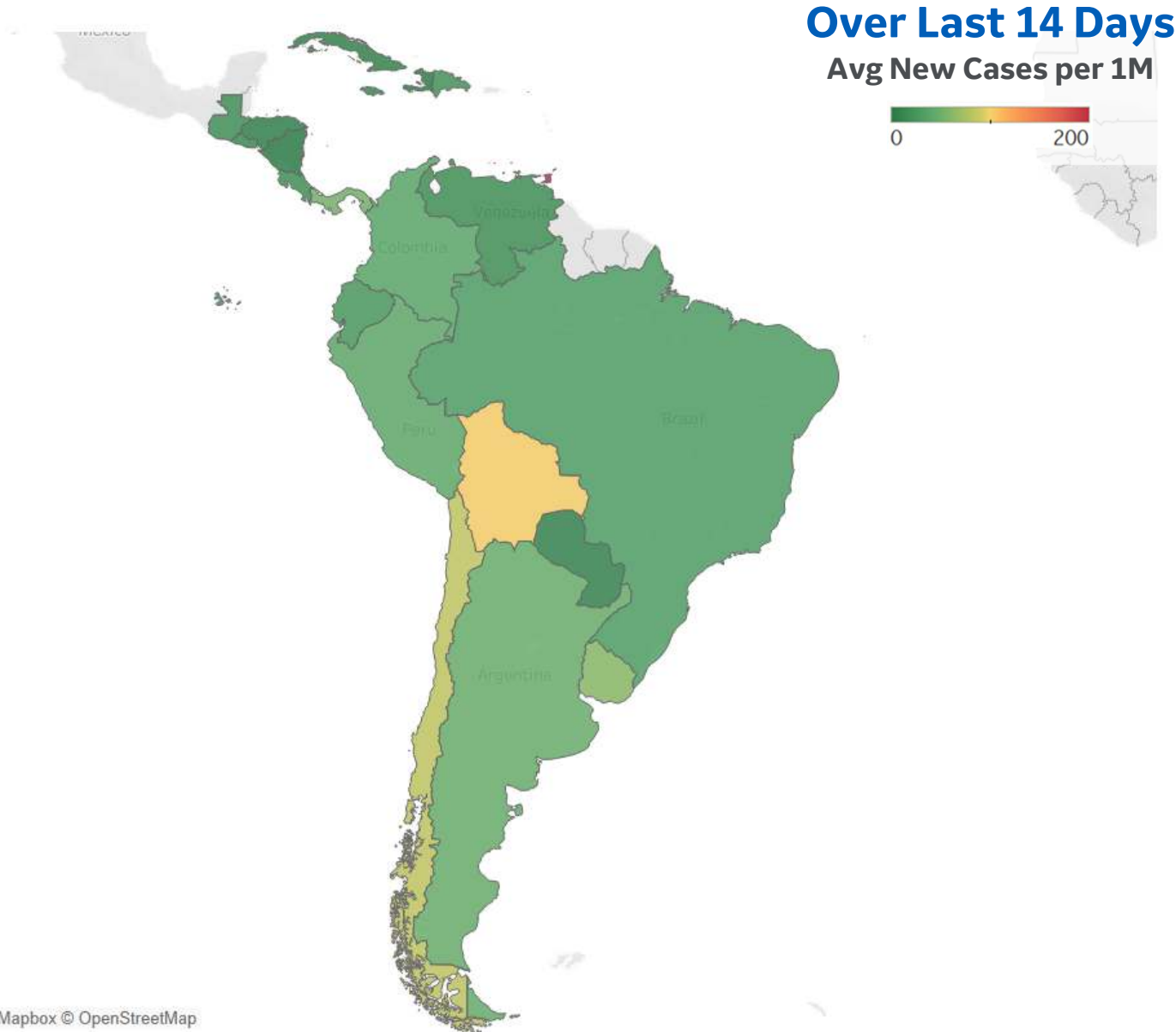
## Per 1M in Region

	Today	Change
Active Cases	80,275	+0.02%
Confirmed	17	+0.02%
Deaths	0.4	+0.02%
Recovered	30	+0.04%

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

	Cases	Deaths
Trinidad and Tobago	511	14
Bolivia	102	1
Chile	85	1
Uruguay	62	0
Panama	54	0
Argentina	47	0
Peru	42	1
Colombia	40	1
Brazil	31	1
Ecuador	27	1
Dom. Rep.	22	0
Costa Rica	20	1
Venezuela	19	0
Guatemala	18	0
El Salvador	15	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	101,433	+0.0%
Confirmed	0	+0.0%
Deaths	0	+0.0%
Recovered	18	+0.0%

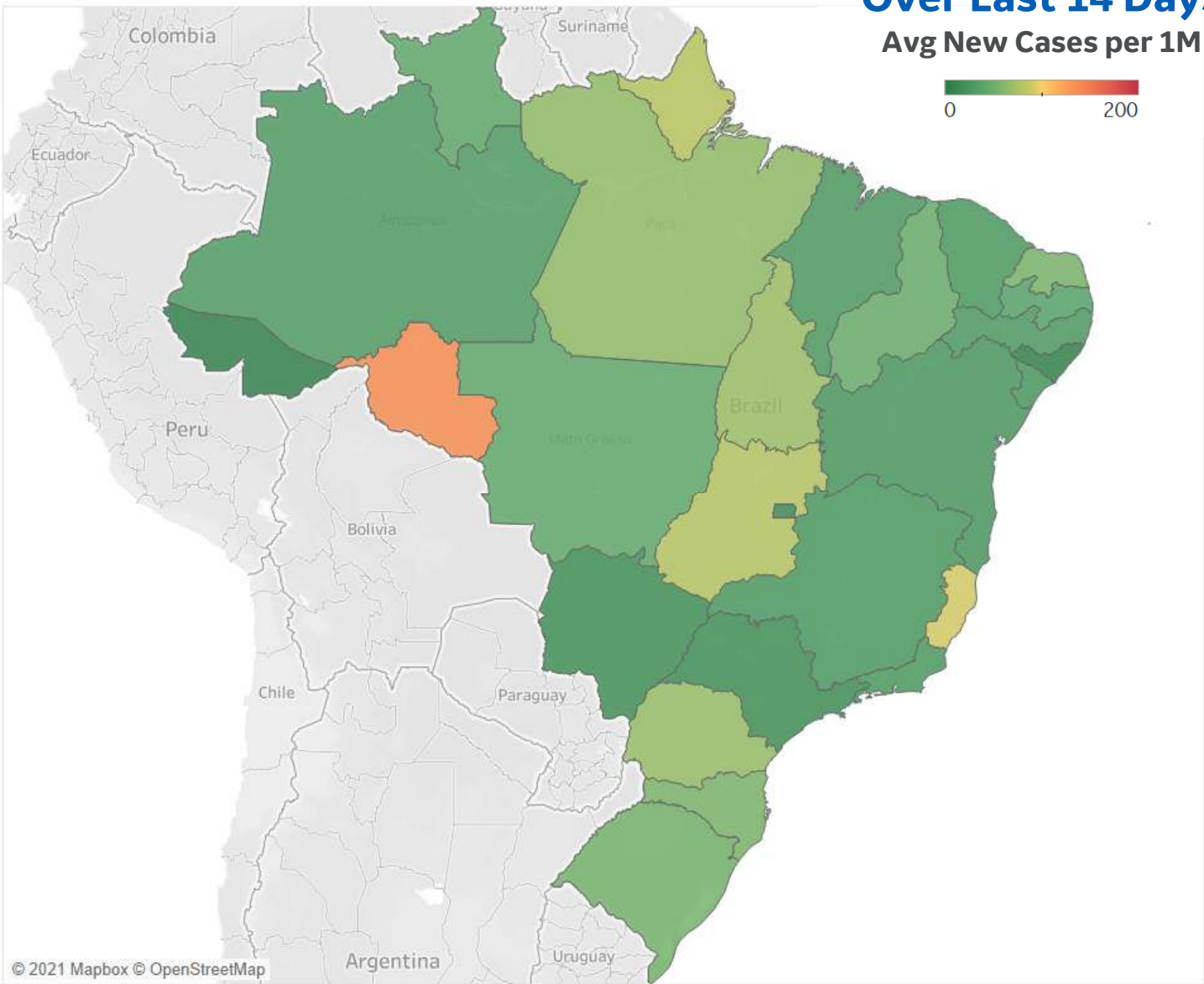
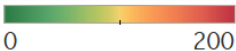
## Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Rondônia	137	1
Espírito Santo	92	1
Goiás	80	1
Tocantins	70	0
Paraná	68	0
Pará	66	1
Rio Grande do Norte	56	1
Santa Catarina	56	1
Rio Grande do Sul	52	1
Piauí	47	1
MatoGrosso	42	0
Paraíba	37	1
Amazonas	31	0
Maranhão	29	0
Pernambuco	29	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	15,393	+0.1%
Confirmed	14	+0.1%
Deaths	0.4	+0.1%
Recovered	16	+0.1%

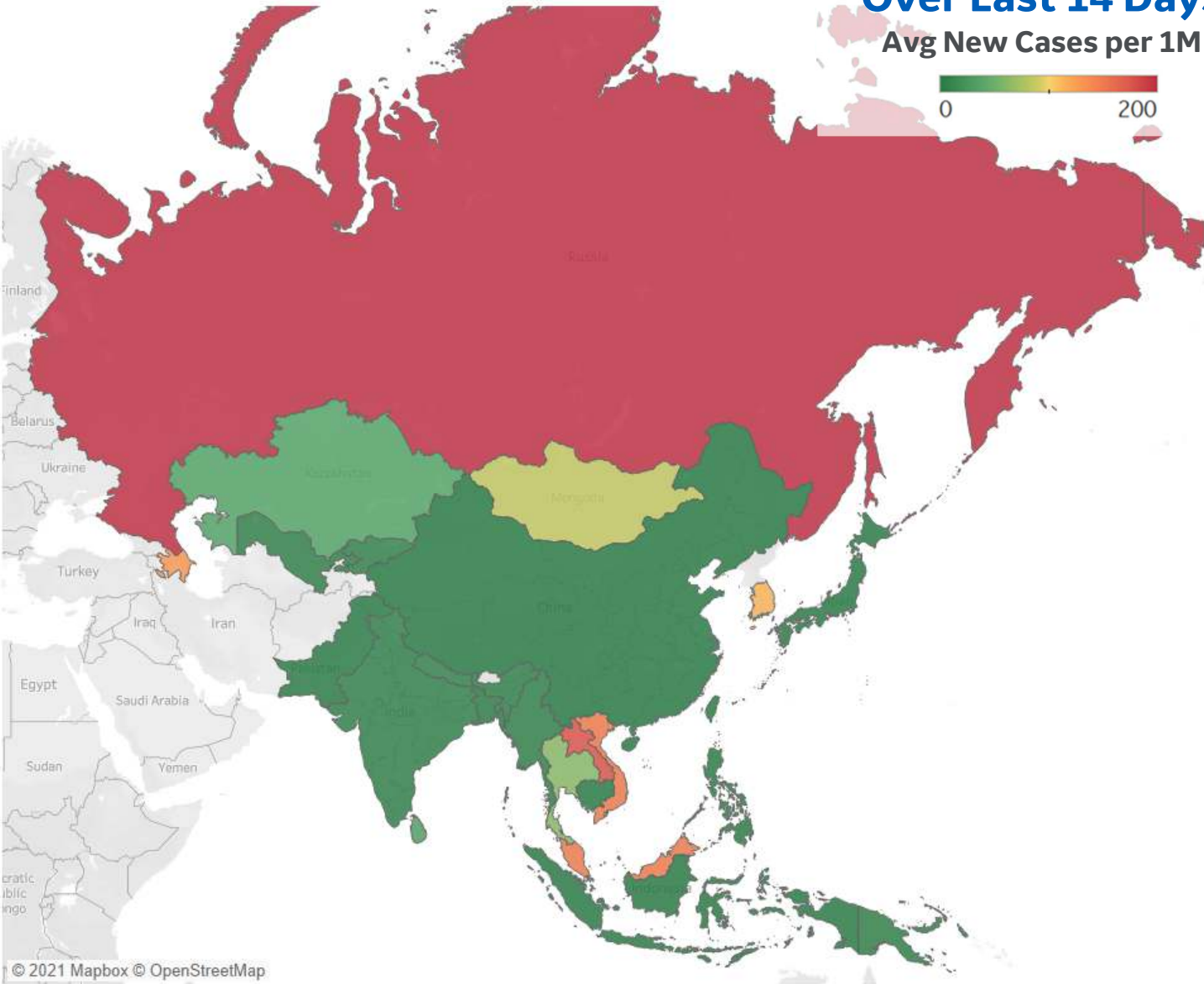
## Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Russia	213	8
Laos	177	1
Vietnam	150	2
Malaysia	148	1
Azerbaijan	129	2
Singapore	125	1
South Korea	113	1
Mongolia	85	1
Thailand	62	0
Kazakhstan	37	1
Sri Lanka	35	1
Nepal	8	0
Kyrgyzstan	8	0
Papua New Guinea	7	0
Myanmar	7	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

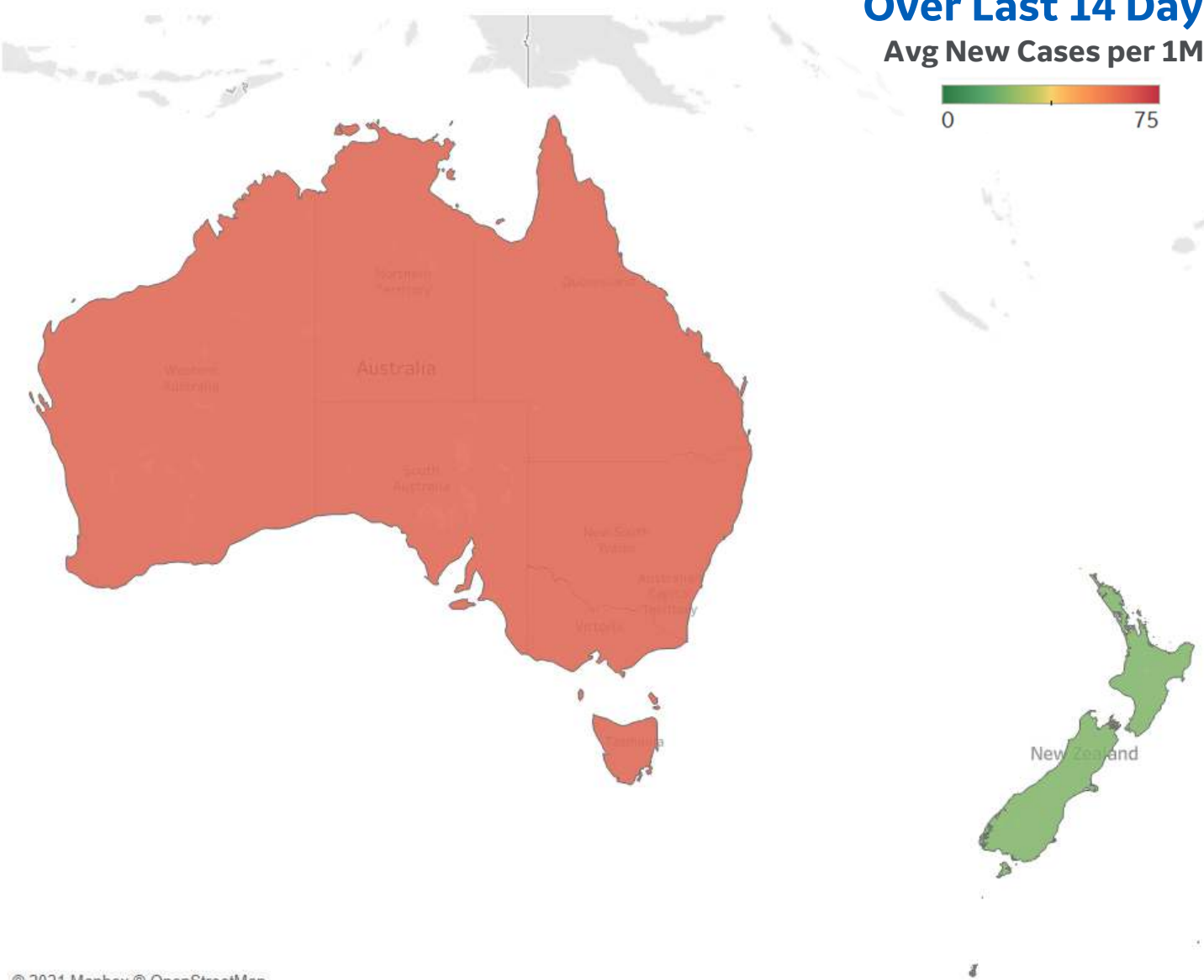
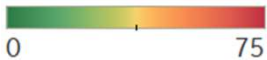
	Today	Change
Active Cases	9,467	+0.7%
Confirmed	66	+0.7%
Deaths	0.2	+0.2%
Recovered	40	+0.5%

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

	Cases	Deaths
Australia	63	0
New Zealand	22	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



# Africa

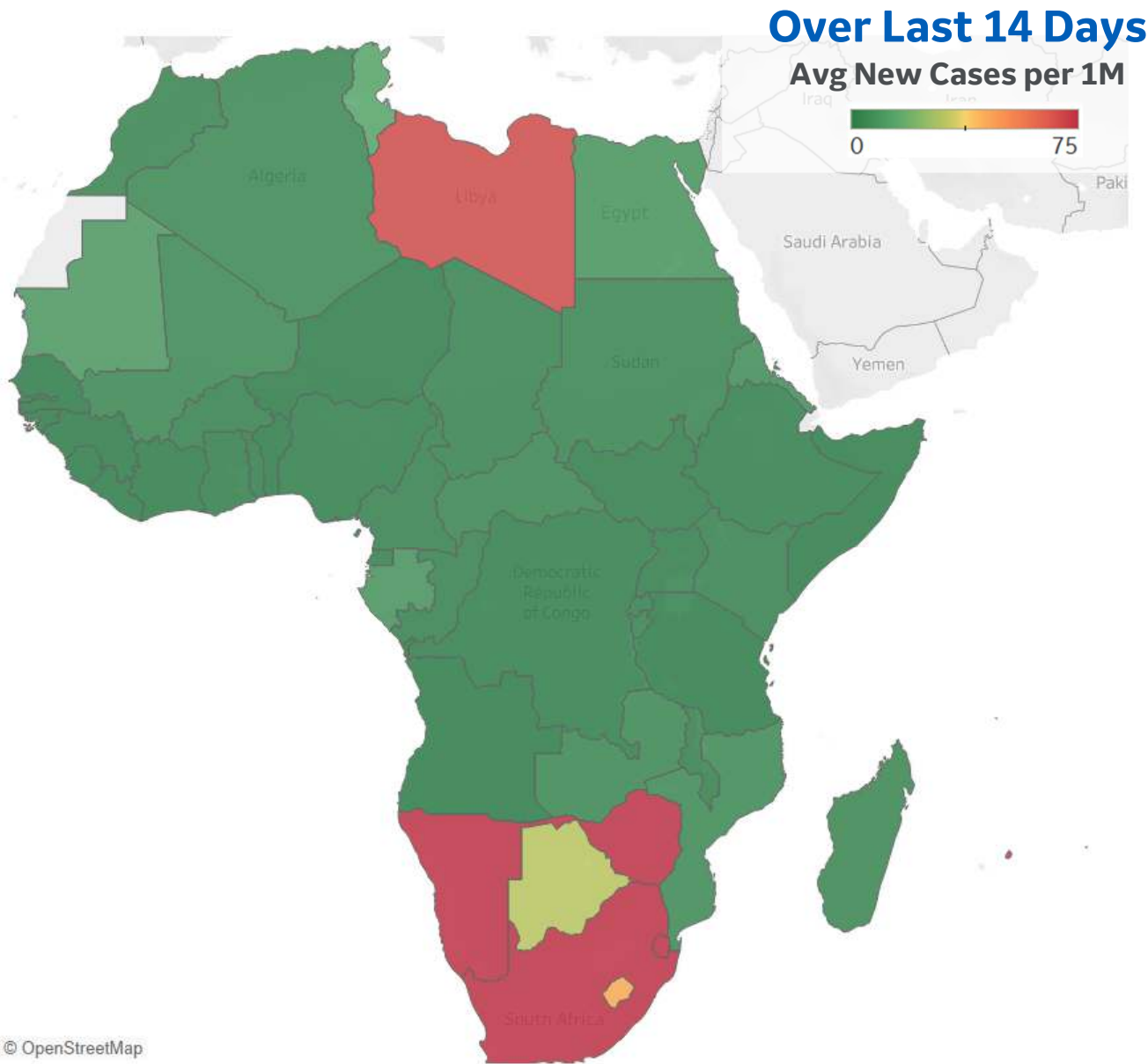
## Per 1M in Region

	Today	Change
Active Cases	6,531	+0.20%
Confirmed	13	+0.19%
Deaths	0.1	+0.0%
Recovered	5	+0.1%

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

	Cases	Deaths
Eswatini	426	0
South Africa	261	0
Zimbabwe	158	0
Namibia	110	0
Mauritius	71	0
Libya	69	1
Lesotho	44	0
Botswana	31	0
Tunisia	14	0
Mauritania	10	0
Egypt	8	0
Gabon	8	0
Eritrea	6	0
Mozambique	5	0
Mali	4	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 =

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

**NYC COVID-19 Data:**

<https://www1.nyc.gov/site/doh/covid/covid-19-data-totals.page>

**Denmark COVID-19 Restrictions**

<https://www.npr.org/2021/09/10/1036136246/covid-denmark-eu-restrictions>

**Hospitalizations in Denmark:**

<https://ourworldindata.org/grapher/current-covid-patients-hospital?country=DNK>

**US Mortality Rate**

<https://data.cdc.gov/NCHS/AH-Monthly-Provisional-Counts-of-Deaths-by-Age-Gro/ezfr-g6h>