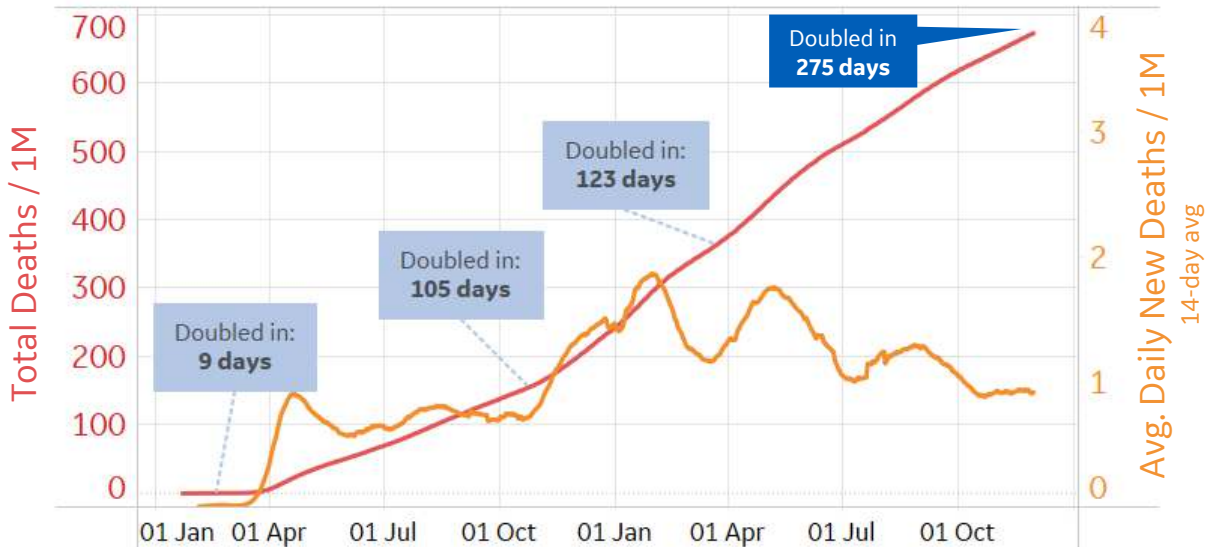
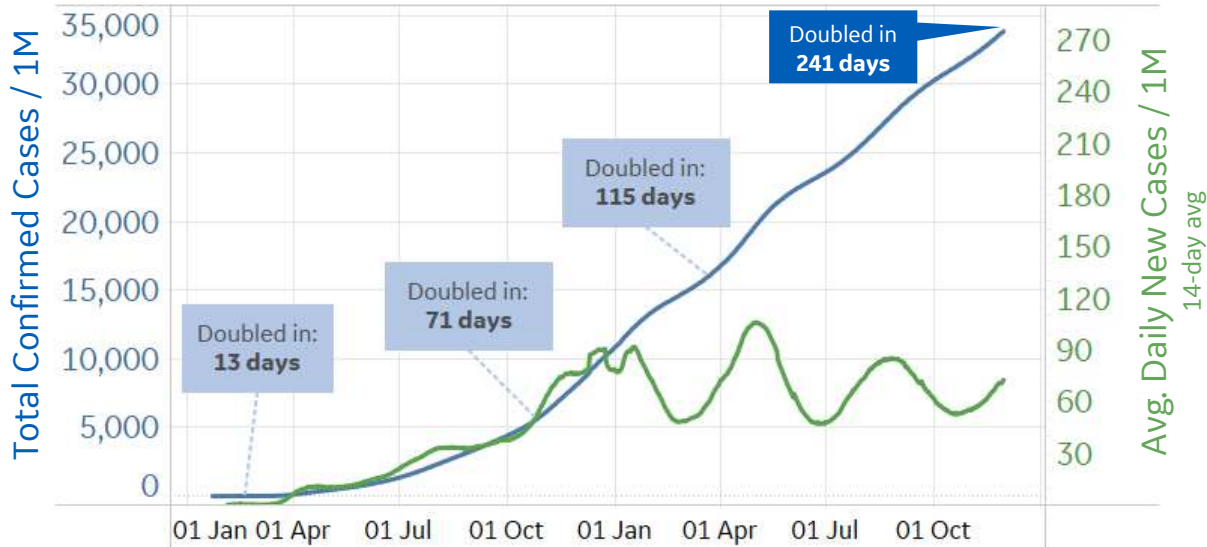




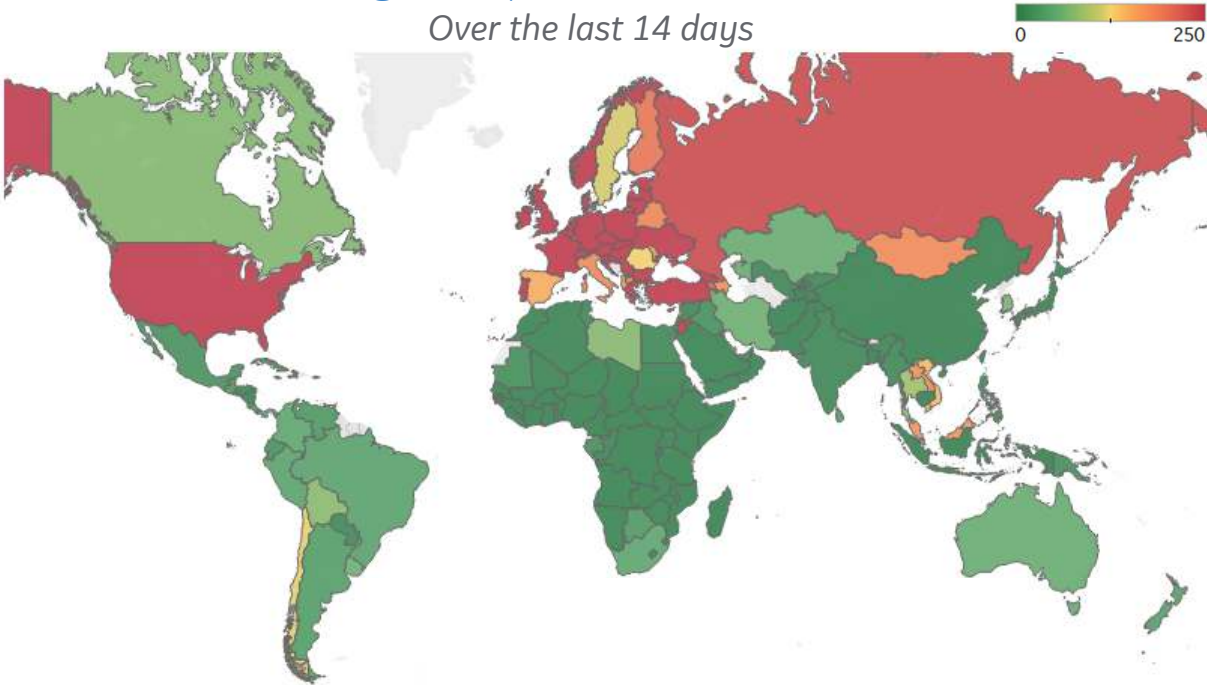
Global Confirmed Cases & Deaths

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	86	+6%
Confirmed	87	+6%
Deaths	1	+4%
Recovered	69	+6%
Worldwide Survival Rate	To Date 98.0%	Last 30 Days 98.6%

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

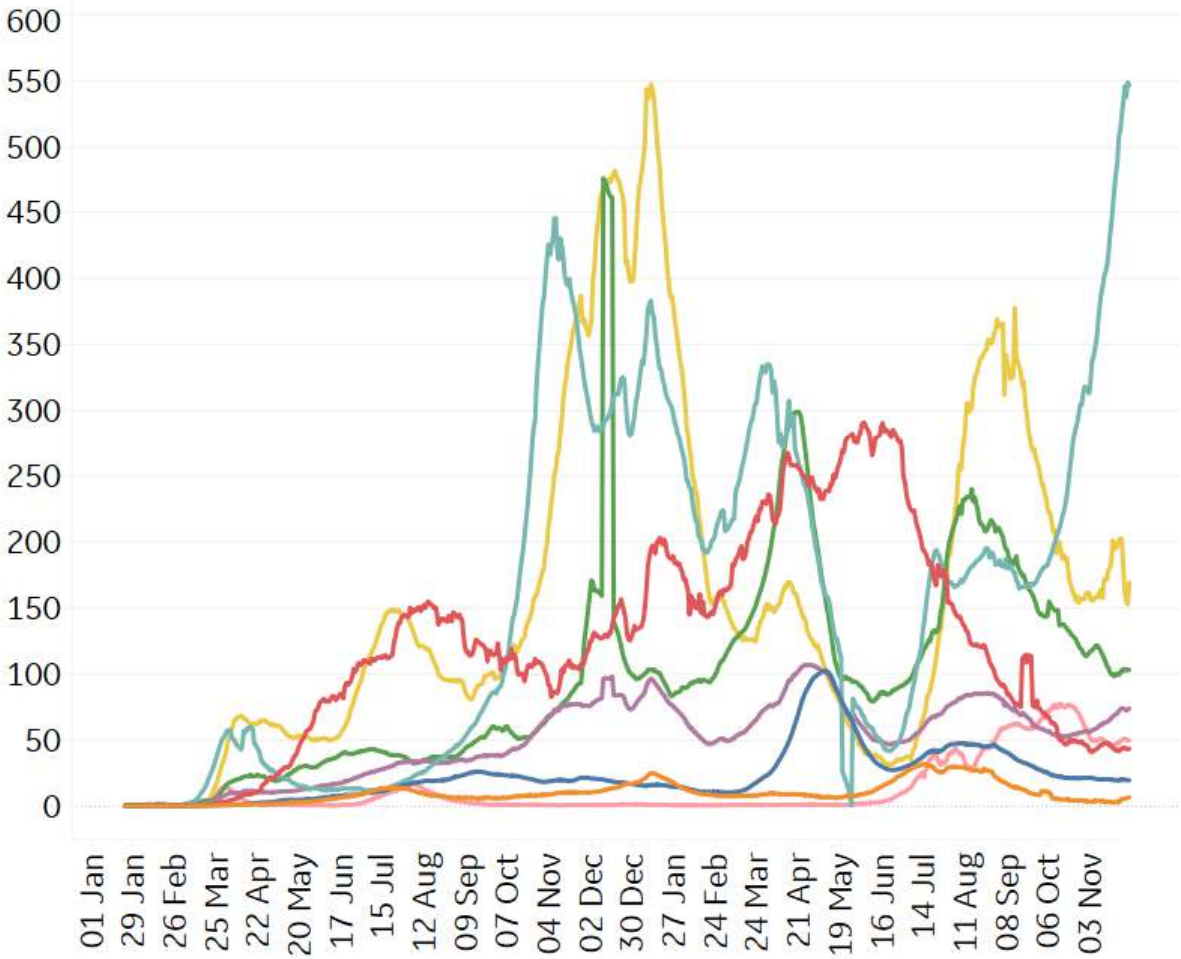


New Confirmed Cases & New Deaths

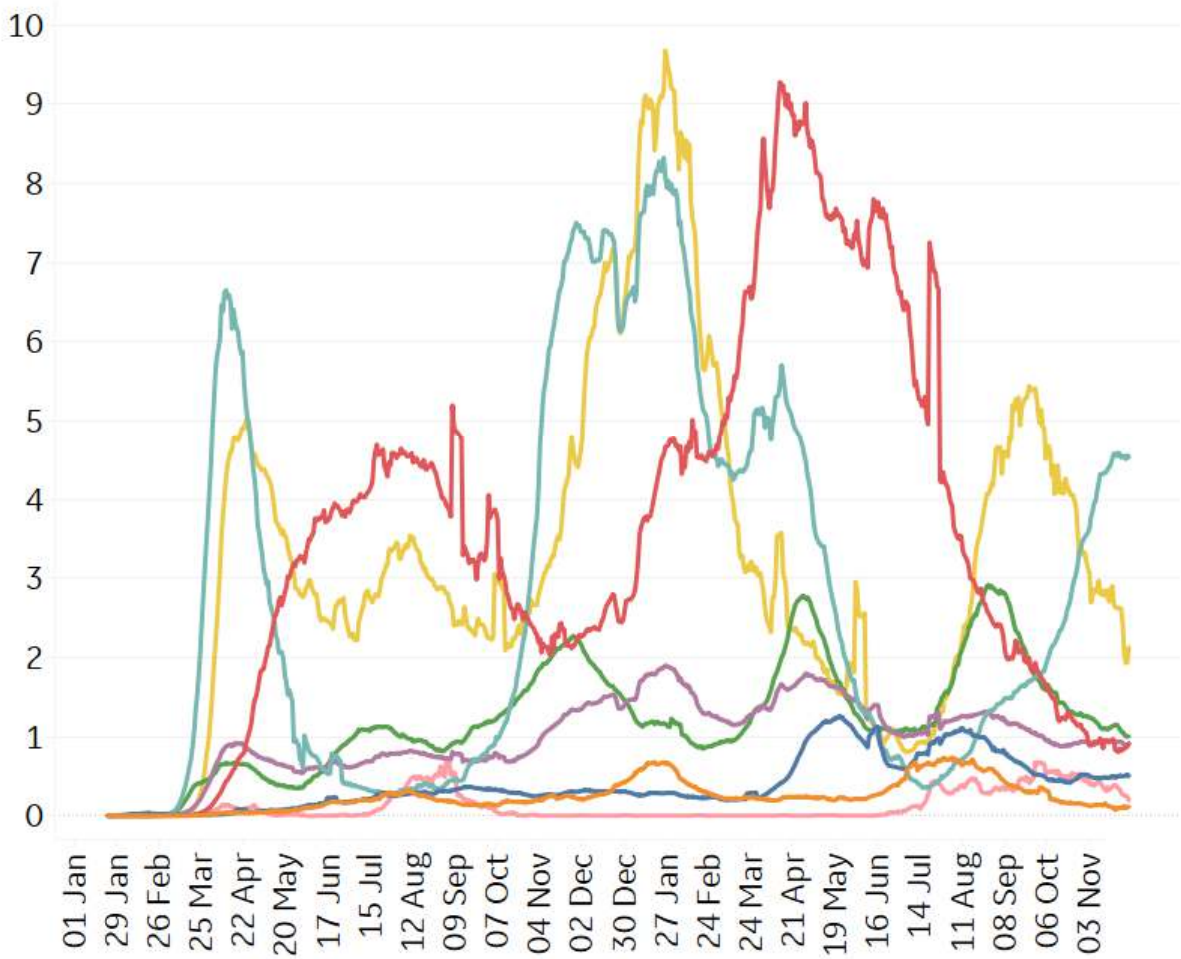
Updated 30 Nov 2021, 3:30 GMT 2

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

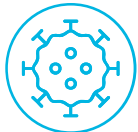
New Confirmed Cases / 1M
7-day rolling average



New Deaths / 1M
7-day rolling average



*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	321	17	99,645	90,746	4,076	-33%	-21%
North Macedonia	189	8	103,258	96,901	3,633	-16%	21%
Hungary	1,050	17	113,528	95,909	3,553	58%	67%
Czechia	1,525	8	199,121	173,980	3,075	81%	81%
Georgia	949	15	210,719	194,010	3,002	-15%	-5%
Romania	102	9	92,425	87,747	2,931	-62%	-40%
Brazil	44	1	103,899	100,426	2,890	-15%	-12%
Croatia	1,136	16	147,213	128,874	2,637	-6%	30%
Slovakia	2,045	11	212,425	182,524	2,627	37%	34%
Argentina	39	1	117,896	114,847	2,579	23%	16%
Armenia	182	11	114,105	108,599	2,543	-56%	-29%
Colombia	48	1	99,588	96,413	2,525	9%	23%
Slovenia	1,122	9	201,263	180,263	2,505	-10%	29%
Lithuania	633	9	172,096	160,696	2,468	-28%	-13%
US	237	3	146,337	140,319	2,352	10%	-19%
Belgium	1,552	4	150,951	128,176	2,327	56%	38%
Moldova	151	8	90,013	85,446	2,253	-36%	-25%
Latvia	474	14	133,988	125,441	2,203	-43%	-21%
Poland	616	8	93,032	82,728	2,195	67%	124%
UK	636	2	150,918	139,999	2,140	17%	-18%
Chile	120	1	92,140	88,429	2,006	2%	54%
EU	577	4	104,302	94,743	1,895	51%	22%
Spain	175	1	110,233	106,277	1,882	112%	-16%
France	456	1	118,445	111,428	1,838	175%	50%
Portugal	288	1	112,227	106,900	1,807	107%	60%

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
Uruguay	62	1	115,007	112,429	1,765	8%	27%
Greece	616	9	89,339	78,744	1,733	1%	45%
Panama	46	0	110,670	108,293	1,706	48%	-32%
Kosovo	5	0	87,294	85,606	1,617	-29%	0%
Sweden	143	0	118,706	115,585	1,500	49%	11%
Costa Rica	17	1	111,218	109,415	1,430	-54%	-56%
Austria	1,291	6	127,888	106,493	1,380	33%	80%
Estonia	439	6	167,248	158,917	1,355	-46%	-28%
Serbia	274	6	143,358	137,686	1,332	-43%	-16%
Switzerland	832	2	116,266	104,828	1,329	110%	46%
Lebanon	193	1	97,958	94,389	1,277	46%	62%
Netherlands	1,302	3	155,370	136,272	1,155	76%	83%
Ireland	870	1	114,354	99,801	1,145	32%	-34%
Jordan	417	3	93,007	86,638	1,135	73%	62%
West Bank and G..	50	1	100,688	99,004	1,050	-14%	-42%
Israel	30	0	155,158	153,611	947	-46%	30%
Turkey	295	2	104,013	99,092	909	-9%	-1%
Bahrain	17	0	163,159	162,116	819	3%	N/A
Cuba	16	0	84,964	83,941	733	-49%	-60%
Mongolia	145	2	116,380	113,273	611	-32%	-14%
Kuwait	5	0	96,785	96,139	577	-10%	N/A
Denmark	741	2	84,296	73,910	500	48%	81%
Cyprus	387	0	110,870	105,263	492	91%	-54%
Qatar	53	0	84,445	83,518	212	11%	N/A
Total World	74	1	33,843	32,155	672	17%	-1%

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			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
EU	256,689	1,796	46,440,675	42,184,393	843,808	51%	22%
US	78,416	834	48,437,955	46,445,975	778,601	10%	-19%
Brazil	9,268	228	22,084,749	21,346,390	614,376	-15%	-12%
India	8,763	405	34,587,822	33,987,421	468,980	-18%	3%
Mexico	2,898	204	3,884,566	3,551,783	293,950	1%	1%
Russia	33,031	1,198	9,436,650	8,687,431	268,705	-11%	3%
Peru	1,408	36	2,234,970	2,014,229	201,144	49%	19%
UK	43,198	120	10,245,244	9,503,980	145,253	17%	-18%
Indonesia	359	11	4,256,112	4,107,257	143,819	-20%	-40%
Italy	11,957	70	5,015,790	4,731,521	133,739	66%	32%
Iran	4,332	94	6,113,192	5,915,501	129,711	-39%	-21%
Colombia	2,442	48	5,067,348	4,905,793	128,473	9%	23%
France	29,763	68	7,731,351	7,273,299	119,997	175%	50%
Argentina	1,775	25	5,328,416	5,190,605	116,554	23%	16%
Germany	58,044	273	5,854,884	4,989,850	101,350	62%	57%
Ukraine	13,371	580	3,595,410	3,290,726	90,673	-31%	-9%
South Africa	4,786	34	2,963,679	2,836,253	89,822	876%	7%
Spain	8,198	25	5,153,923	4,968,946	88,008	112%	-16%
Poland	23,314	318	3,520,961	3,130,968	83,055	67%	124%
Turkey	24,852	200	8,772,342	8,357,353	76,635	-9%	-1%
Romania	1,971	181	1,778,045	1,688,058	56,382	-62%	-40%
Philippines	789	173	2,832,375	2,770,010	48,501	-51%	15%
Chile	2,294	28	1,761,365	1,690,424	38,343	2%	54%
Hungary	10,146	165	1,096,718	926,518	34,326	58%	67%
Czechia	16,330	89	2,132,380	1,863,146	32,929	81%	81%

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	5,202	44	2,627,903	2,521,082	30,370	2%	-15%
Canada	2,871	20	1,798,515	1,731,100	29,722	11%	-20%
Pakistan	333	9	1,284,840	1,251,364	28,728	-22%	-28%
Bangladesh	237	4	1,576,011	1,544,755	27,980	10%	-4%
Belgium	17,987	42	1,749,469	1,485,508	26,966	56%	38%
Vietnam	17,039	158	1,224,110	1,010,083	25,055	74%	78%
Iraq	743	17	2,080,448	2,046,269	23,807	-24%	-20%
Thailand	5,794	43	2,111,566	2,004,019	20,734	-17%	-20%
Netherlands	22,306	51	2,662,247	2,335,004	19,798	76%	83%
Portugal	2,941	13	1,144,342	1,090,032	18,430	107%	60%
Japan	94	1	1,726,555	1,706,612	18,355	-37%	-42%
Greece	6,425	92	931,183	820,757	18,067	1%	45%
Kazakhstan	942	20	1,054,091	1,021,853	17,818	-21%	-25%
Sweden	1,445	5	1,198,848	1,167,326	15,145	49%	11%
Morocco	116	2	949,785	933,496	14,775	-24%	-57%
Slovakia	11,163	60	1,159,767	996,516	14,341	37%	34%
Austria	11,627	55	1,151,809	959,116	12,425	33%	80%
Georgia	3,785	60	840,593	773,937	11,974	-15%	-5%
Serbia	2,392	51	1,252,573	1,203,013	11,637	-43%	-16%
Jordan	4,256	30	948,966	883,980	11,584	73%	62%
Nepal	248	3	821,121	805,809	11,524	-12%	-26%
Switzerland	7,204	13	1,006,239	907,250	11,500	110%	46%
Cuba	187	1	962,350	950,764	8,300	-49%	-60%
Israel	263	3	1,342,976	1,329,586	8,195	-46%	30%
Total World	570,427	7,010	262,181,360	249,103,011	5,207,587	17%	-1%

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	81	1	172,579	167,670	3,449	-3%	-42%
Alabama	62	1	172,395	168,021	3,287	-31%	-67%
New Jersey	256	1	140,670	134,136	3,192	48%	-13%
Louisiana	70	1	165,700	161,440	3,182	-5%	-34%
Arizona	426	6	174,043	164,172	3,054	7%	16%
Oklahoma	172	3	168,321	162,652	3,008	4%	-76%
New York	319	2	139,971	132,398	2,955	32%	8%
Georgia	81	3	156,629	152,490	2,870	2%	-14%
Arkansas	159	2	174,893	169,413	2,868	20%	-61%
Florida	0	3	173,273	169,947	2,865	-52%	-41%
Massachusetts	365	2	132,825	124,738	2,811	52%	-1%
Rhode Island	464	2	180,274	171,134	2,763	59%	82%
S. Carolina	108	2	178,265	173,758	2,760	-4%	-37%
West Virginia	358	6	164,057	155,525	2,699	-1%	8%
South Dakota	335	3	186,362	178,329	2,632	-8%	-19%
Pennsylvania	439	4	135,225	126,150	2,602	28%	-6%
Nevada	141	3	148,305	143,287	2,592	-18%	-25%
Indiana	419	3	162,967	154,200	2,590	40%	-10%
New Mexico	515	5	149,339	138,501	2,554	-3%	26%
Texas	90	2	149,308	145,315	2,544	-7%	-42%
Michigan	685	7	147,699	134,641	2,543	24%	46%
North Dakota	515	5	211,863	201,329	2,513	-10%	21%
Tennessee	155	3	192,437	187,501	2,488	-3%	-5%
Connecticut	233	0	118,023	112,492	2,486	67%	-37%
Montana	257	9	178,170	170,791	2,468	-36%	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 - 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
Kentucky	314	7	175,351	168,326	2,443	16%	36%
Iowa	418	4	165,720	157,274	2,331	11%	-6%
Wyoming	252	0	191,486	184,457	2,327	-39%	-60%
Kansas	345	2	159,998	152,389	2,296	12%	-63%
Illinois	326	1	142,376	135,394	2,275	39%	-3%
Ohio	443	0	144,021	135,334	2,266	24%	-83%
Delaware	334	2	157,024	149,909	2,232	27%	-36%
Idaho	182	5	171,347	165,974	2,194	-31%	-7%
Missouri	246	2	148,061	140,984	2,124	73%	-33%
California	102	2	128,532	125,059	1,882	-20%	1%
Maryland	143	1	96,747	92,819	1,851	18%	-24%
N. Carolina	160	1	146,094	141,862	1,784	6%	-17%
Virginia	161	2	113,316	109,118	1,720	17%	-28%
Wisconsin	526	3	167,434	157,724	1,710	13%	-10%
DC	33	0	94,240	91,289	1,695	-23%	-75%
Minnesota	603	5	159,539	148,481	1,686	8%	28%
Nebraska	381	3	159,420	152,020	1,626	-10%	34%
Colorado	372	5	143,576	135,495	1,589	-10%	2%
New Hampshire	667	2	117,883	106,743	1,246	34%	3%
Oregon	145	4	92,482	88,898	1,219	-20%	-20%
Washington	132	2	101,521	97,934	1,216	-27%	-19%
Alaska	387	3	206,151	198,715	1,200	-33%	-57%
Utah	350	3	185,469	178,574	1,094	-19%	-1%
Maine	306	4	88,340	81,711	972	10%	24%
Hawaii	65	2	61,859	59,940	719	12%	-33%
Vermont	502	1	79,811	71,498	657	2%	-38%

Sorted by Total Deaths / 1M



United States: Raw Volume



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	4,036	73	5,078,594	4,941,378	74,367	-20%	1%
Texas	2,596	47	4,329,309	4,213,548	73,754	-7%	-42%
Florida	0	56	3,721,503	3,650,074	61,538	-52%	-41%
New York	6,205	37	2,722,936	2,575,605	57,477	32%	8%
Pennsylvania	5,626	54	1,731,154	1,614,977	33,308	28%	-6%
Georgia	858	34	1,662,995	1,619,049	30,471	2%	-14%
Illinois	4,130	16	1,804,161	1,715,684	28,824	39%	-3%
New Jersey	2,278	12	1,249,454	1,191,420	28,348	48%	-13%
Ohio	5,176	0	1,683,472	1,581,932	26,483	24%	-83%
Michigan	6,837	67	1,475,053	1,344,636	25,399	24%	46%
Arizona	3,097	41	1,266,809	1,194,963	22,230	7%	16%
Massachusetts	2,517	13	915,495	859,754	19,373	52%	-1%
N. Carolina	1,683	12	1,532,250	1,487,862	18,714	6%	-17%
Indiana	2,822	17	1,097,128	1,038,111	17,438	40%	-10%
Tennessee	1,056	20	1,314,188	1,280,480	16,992	-3%	-5%
Alabama	303	6	845,284	823,837	16,116	-31%	-67%
Louisiana	323	6	770,305	750,502	14,794	-5%	-34%
Virginia	1,377	19	967,209	931,377	14,684	17%	-28%
S. Carolina	555	12	917,833	894,630	14,209	-4%	-37%
Missouri	1,507	14	908,715	865,281	13,033	73%	-33%
Oklahoma	679	14	666,040	643,609	11,903	4%	-76%
Maryland	864	9	584,899	561,152	11,190	18%	-24%
Kentucky	1,401	29	783,409	752,027	10,913	16%	36%
Mississippi	241	3	513,622	499,011	10,264	-3%	-42%
Wisconsin	3,064	18	974,871	918,335	9,955	13%	-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

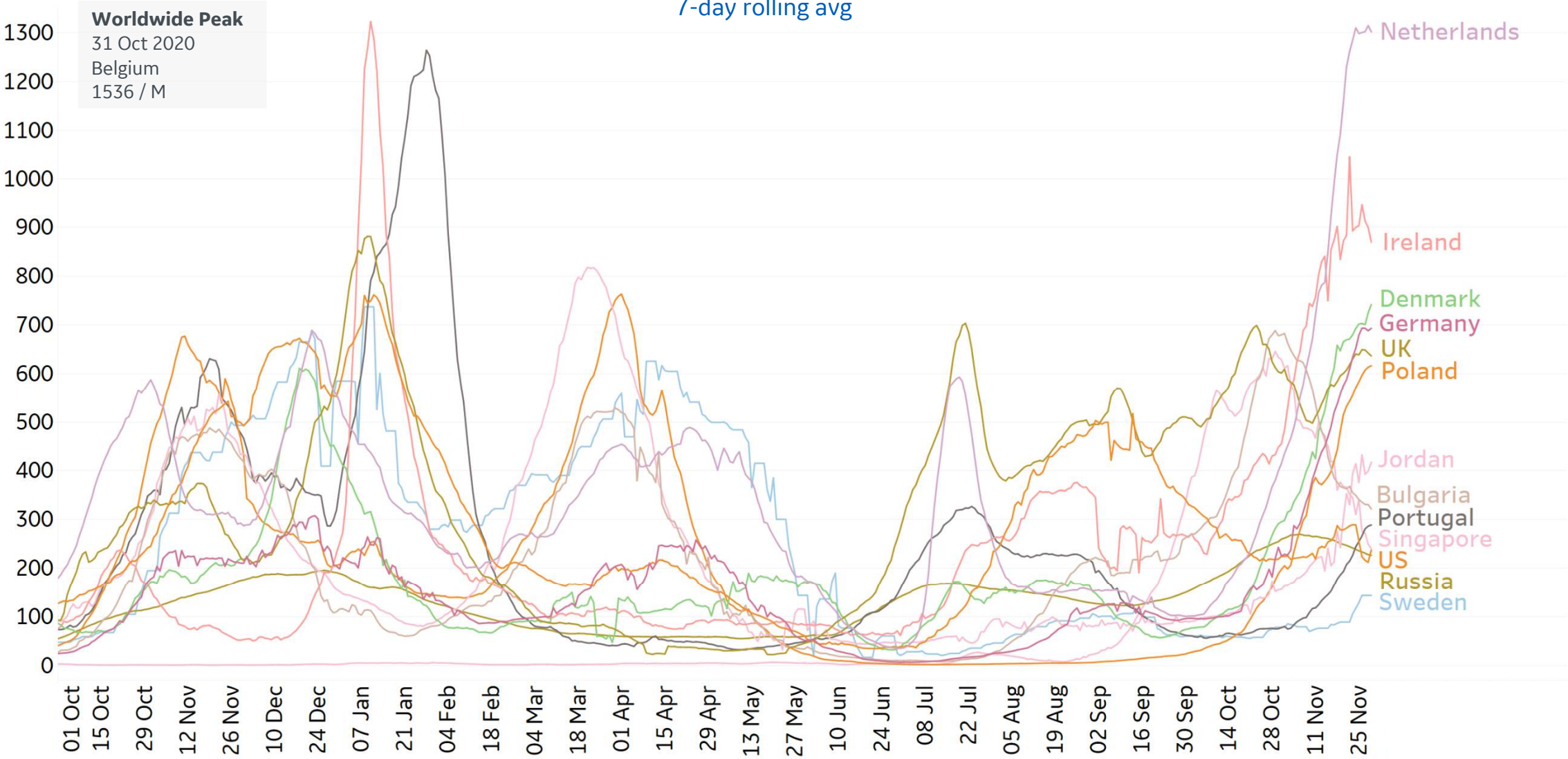
26 - 51	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Estimated Recovered	Total Deaths	Confirmed	Deaths
Minnesota	3,403	27	899,739	837,381	9,506	8%	28%
Washington	1,009	17	773,069	745,754	9,257	-27%	-19%
Colorado	2,143	29	826,815	780,279	9,151	-10%	2%
Connecticut	830	2	420,785	401,065	8,864	67%	-37%
Arkansas	479	5	527,794	511,256	8,655	20%	-61%
Nevada	433	8	456,803	441,347	7,984	-18%	-25%
Iowa	1,317	12	522,858	496,210	7,354	11%	-6%
Kansas	1,006	6	466,125	443,957	6,689	12%	-63%
New Mexico	1,080	11	313,139	290,412	5,355	-3%	26%
Oregon	611	18	390,066	374,949	5,142	-20%	-20%
West Virginia	641	11	294,014	278,724	4,837	-1%	8%
Idaho	326	8	306,209	296,606	3,921	-31%	-7%
Utah	1,121	9	594,606	572,501	3,508	-19%	-1%
Nebraska	738	5	308,384	294,068	3,146	-10%	34%
Rhode Island	492	2	190,975	181,293	2,927	59%	82%
Montana	274	10	190,424	182,538	2,638	-36%	19%
South Dakota	297	3	164,867	157,760	2,328	-8%	-19%
Delaware	326	2	152,904	145,976	2,173	27%	-36%
North Dakota	392	4	161,453	153,425	1,915	-10%	21%
New Hampshire	908	3	160,287	145,140	1,694	34%	3%
Wyoming	146	0	110,824	106,756	1,347	-39%	-60%
Maine	412	5	118,748	109,837	1,307	10%	24%
DC	23	0	66,510	64,427	1,196	-23%	-75%
Hawaii	92	2	87,585	84,867	1,018	12%	-33%
Alaska	283	2	150,809	145,369	878	-33%	-57%
Vermont	313	1	49,801	44,614	410	2%	-38%

Sorted by Total Deaths



New Confirmed Cases in Select Countries

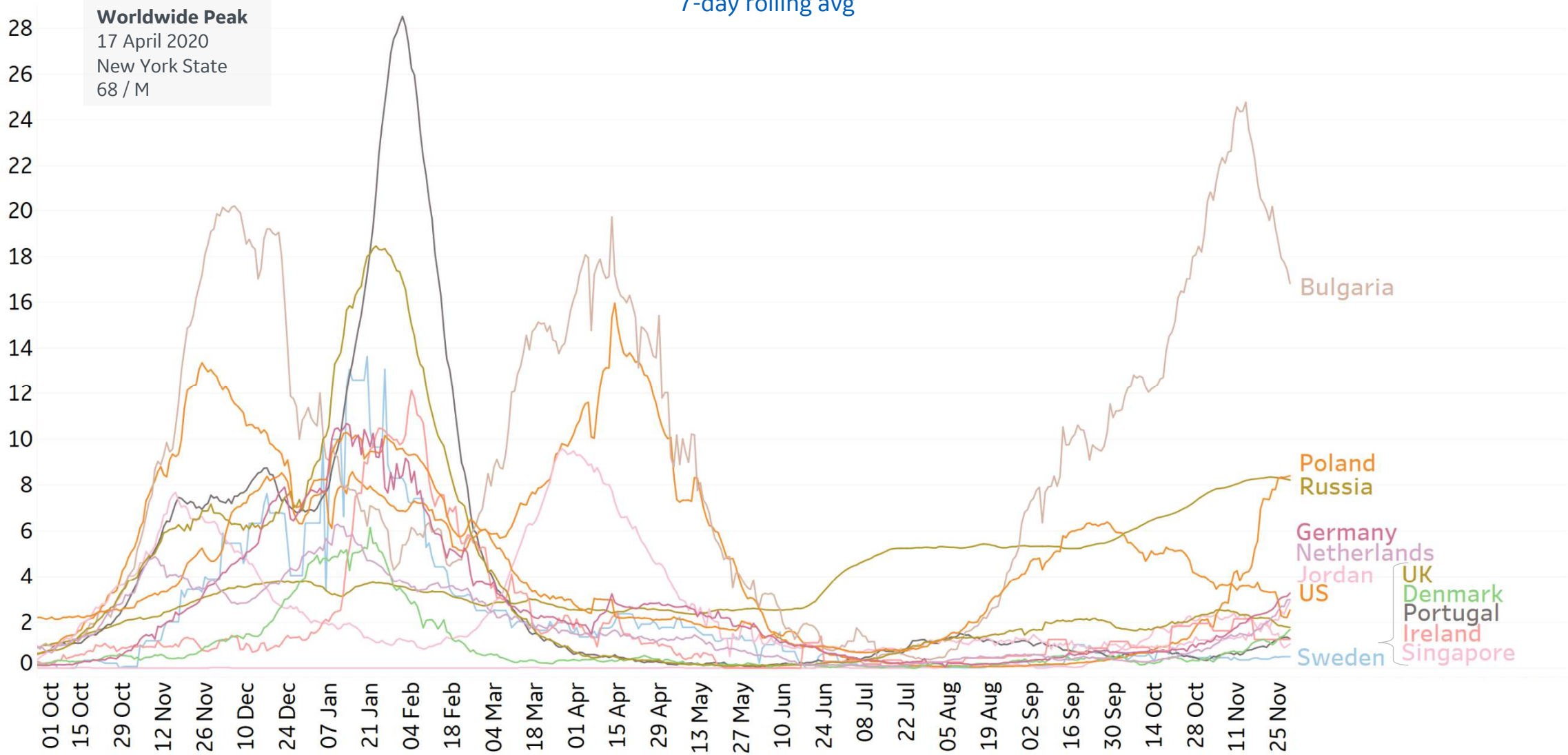
Daily New Confirmed Cases / 1M
7-day rolling avg





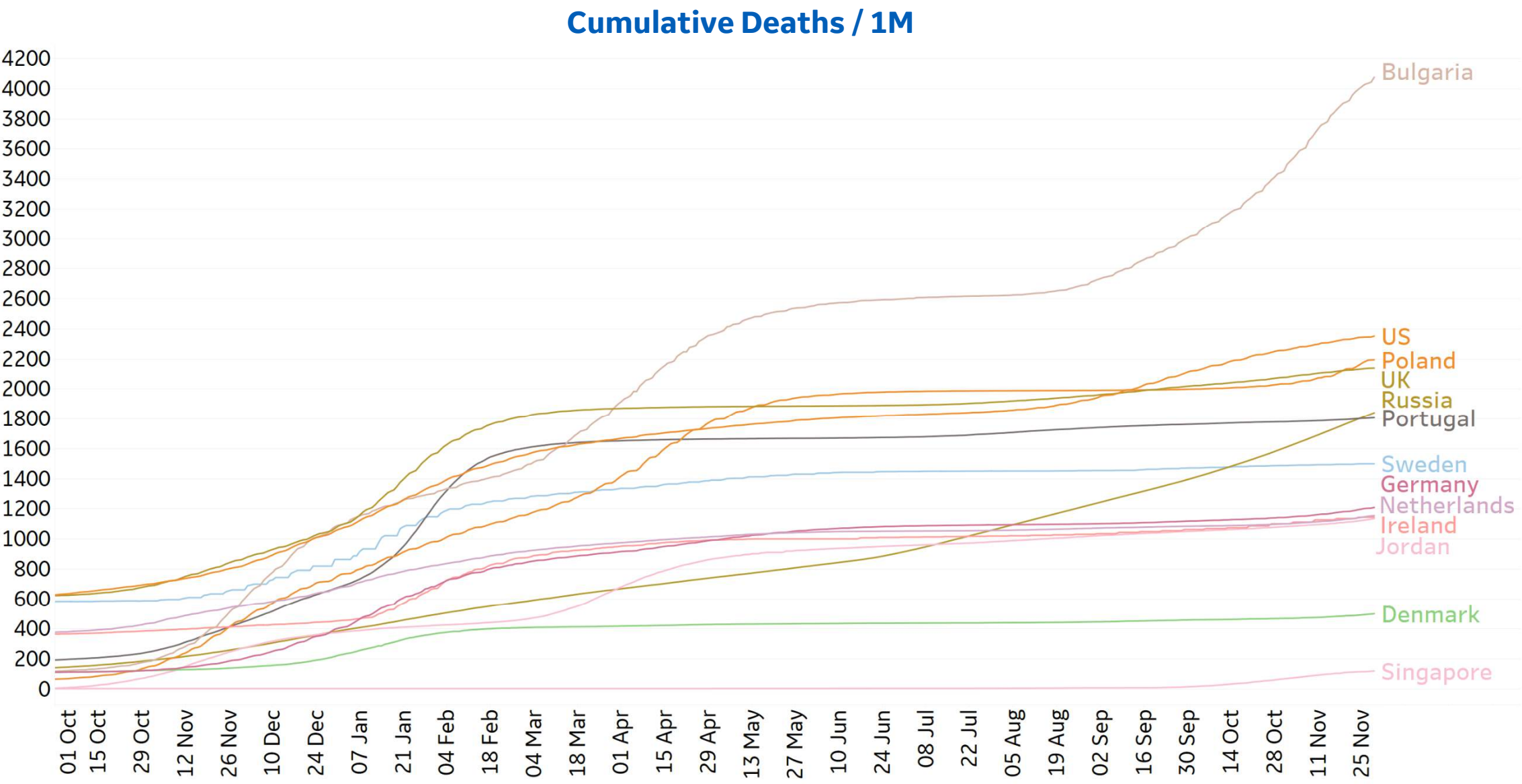
New Deaths in Select Countries

Daily New Deaths / 1M
7-day rolling avg



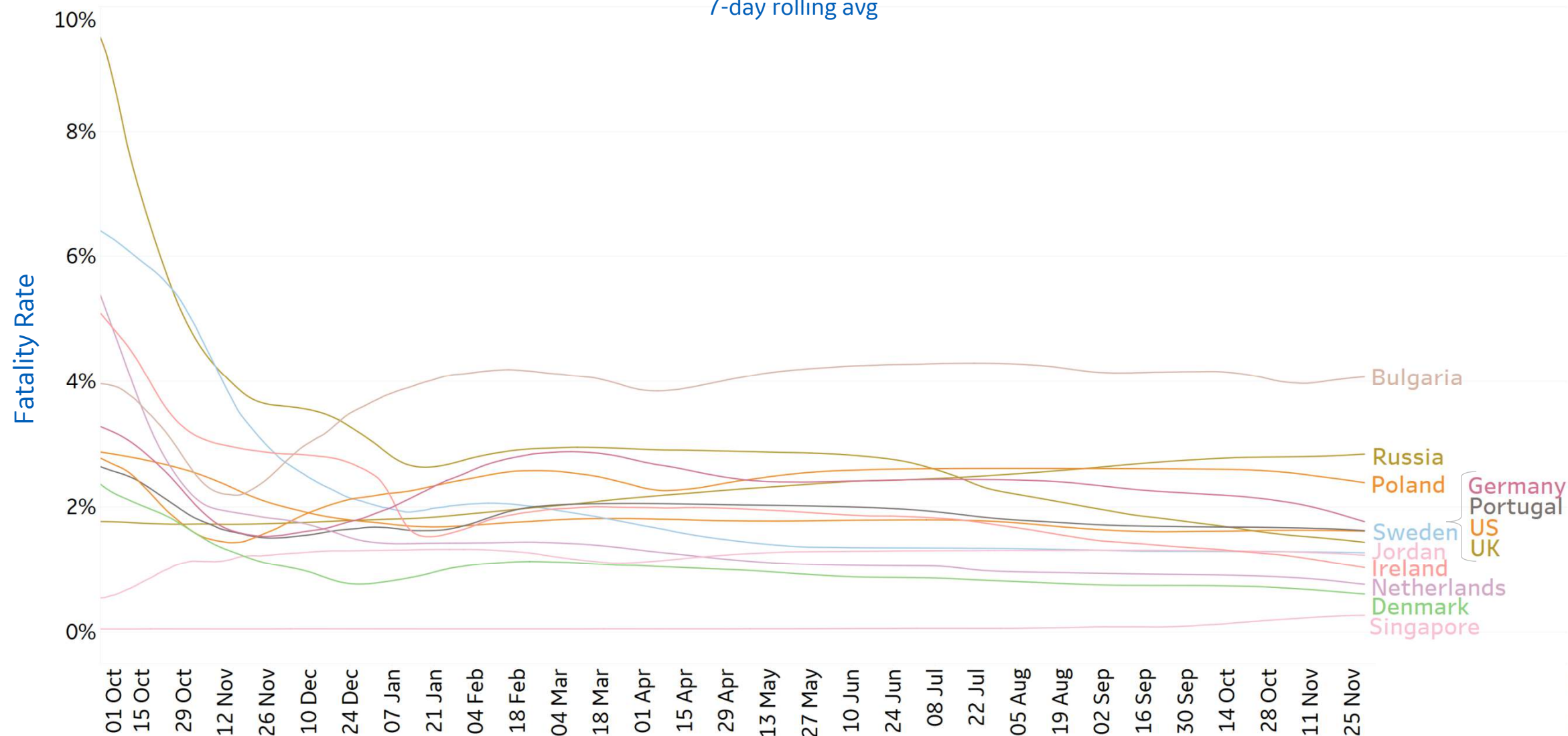


Cumulative Deaths in Select Countries





7-day rolling avg



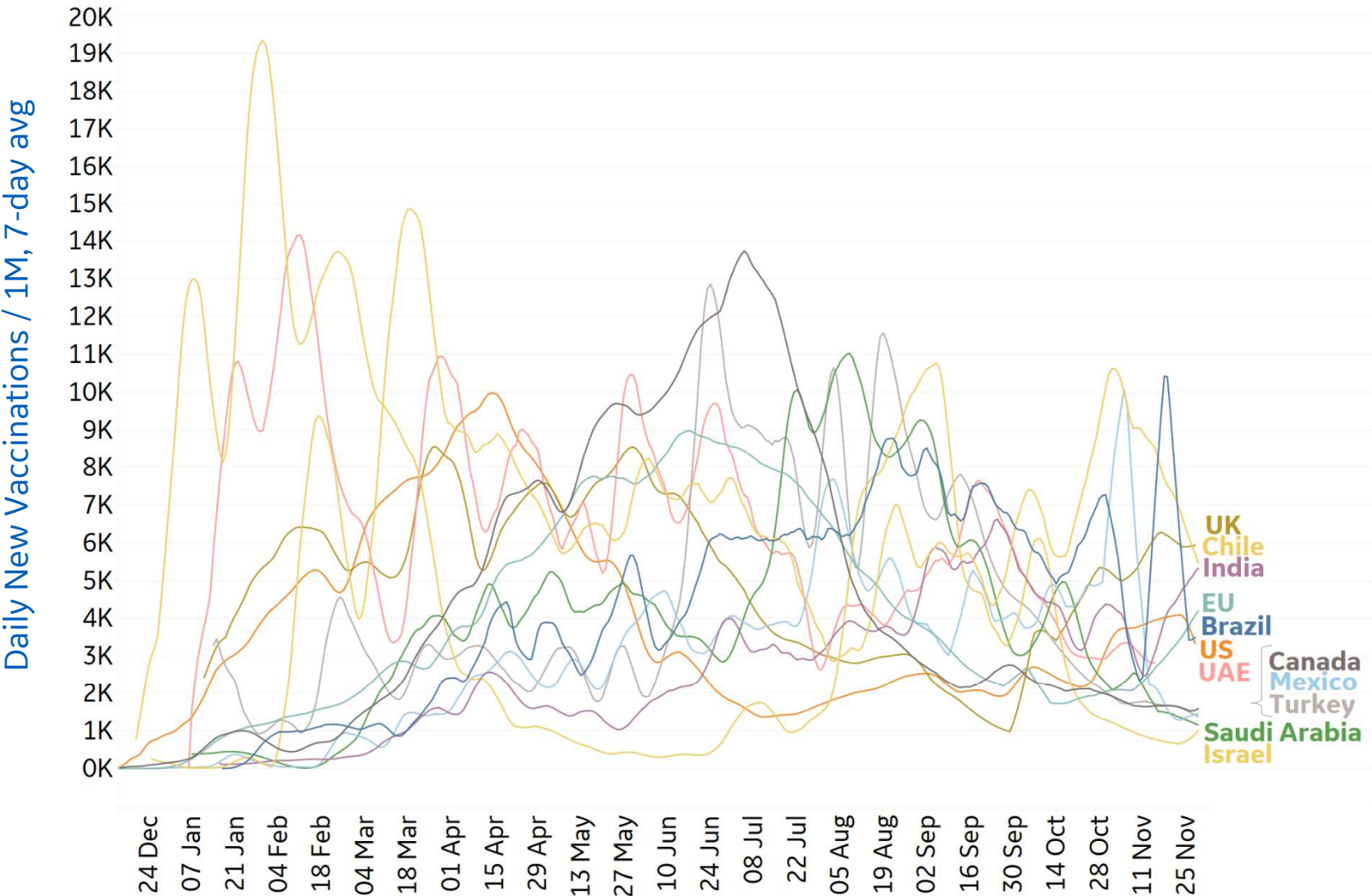


Daily & Total Vaccinations, Select Countries

Updated 30 Nov 2021, 3:30 GMT

11

Select countries with data available



	Total Vaccinations per 1M	% of Population Fully Vaccinated
Chile	2,136,081	84.3%
Israel	1,869,328	66.7%
UK	1,696,657	68.3%
Spain	1,628,145	80.4%
France	1,606,251	72.0%
Canada	1,605,234	76.9%
Italy	1,587,516	72.8%
Germany	1,461,722	68.0%
Brazil	1,442,042	62.9%
EU	1,429,183	67.4%
Turkey	1,425,930	59.8%
US	1,387,405	59.0%
Saudi Arabia	1,361,286	64.4%
Mexico	1,027,069	50.4%
India	890,209	32.0%
Portugal		

*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	72.9%	85.4%	623,989
Rhode Island	72.5%	83.0%	1,059,361
Maine	72.1%	81.7%	1,344,212
Connecticut	71.9%	83.9%	3,565,287
Massachusetts	71.1%	85.7%	6,892,503
New York	68.4%	78.1%	19,453,561
New Jersey	67.8%	79.0%	8,882,190
Maryland	67.5%	76.8%	6,045,680
Virginia	64.9%	75.5%	8,535,519
Washington	64.9%	72.5%	7,614,893
New Hampshire	64.7%	87.4%	1,359,711
Oregon	64.0%	71.4%	4,217,737
New Mexico	63.5%	76.5%	2,096,829
Colorado	63.2%	71.4%	5,758,736
California	63.1%	78.8%	39,512,223
Minnesota	62.3%	68.7%	5,639,632
Illinois	61.6%	69.3%	12,671,821
Florida	61.3%	71.8%	21,477,737
Delaware	60.9%	71.4%	973,764
Hawaii	60.9%	82.0%	1,415,872
Wisconsin	59.5%	65.8%	5,822,434
Pennsylvania	58.3%	81.5%	12,801,989
Nebraska	57.2%	63.7%	1,934,408
Iowa	56.5%	62.2%	3,155,070
Utah	55.3%	63.9%	3,205,958

58.1%
Total US population
fully vaccinated
(**580,545** per million)

68.0%
Population Age 12+
fully vaccinated
(**679,795** per million)

68.6%
Total US population
having received
at least 1 dose
(**685,886** per million)

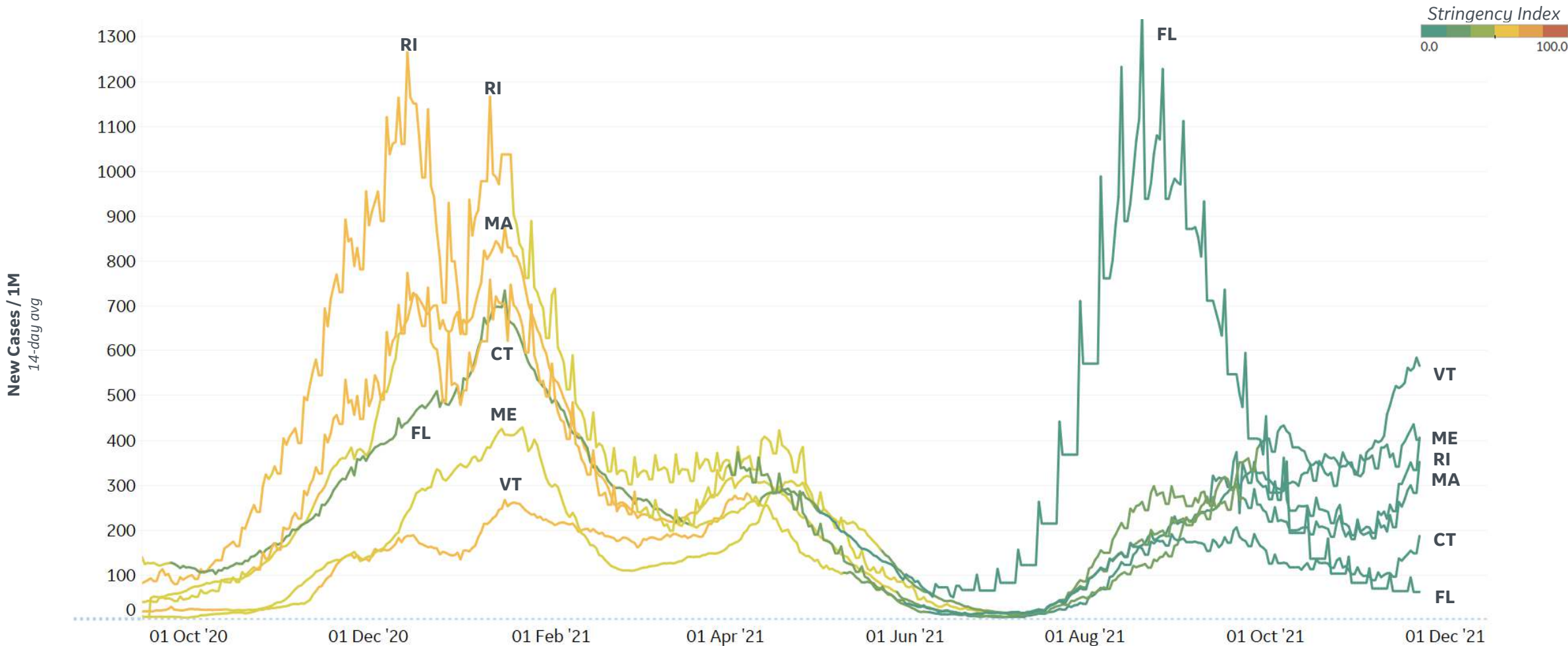
80.3%
Population Age 12+
having received
at least 1 dose
(**803,145** per million)

State	% Fully Vaccinated	% Rec'd at Least 1 Dose	Population
Arizona	54.6%	64.2%	7,278,717
Texas	54.6%	64.0%	28,995,881
Kansas	54.5%	65.9%	2,913,314
Michigan	54.5%	60.9%	9,986,857
Nevada	54.4%	66.4%	3,080,156
South Dakota	54.4%	66.6%	884,659
Alaska	54.1%	62.5%	731,545
North Carolina	54.1%	70.0%	10,488,084
Ohio	53.0%	58.4%	11,689,100
Kentucky	52.1%	60.2%	4,467,673
Montana	51.8%	59.7%	1,068,778
Oklahoma	51.5%	62.8%	3,956,971
South Carolina	51.4%	60.2%	5,148,714
Missouri	50.8%	59.5%	6,137,428
Indiana	50.6%	55.6%	6,732,219
Tennessee	49.5%	56.7%	6,829,174
Georgia	49.4%	58.7%	10,617,423
Arkansas	49.3%	60.4%	3,017,804
Louisiana	48.9%	55.6%	4,648,794
North Dakota	48.7%	57.8%	762,062
Mississippi	46.9%	53.7%	2,976,149
Alabama	46.1%	56.4%	4,903,185
Wyoming	45.5%	53.5%	578,759
Idaho	45.2%	50.7%	1,787,065
West Virginia	41.5%	53.9%	1,792,147



Feature: Cases in CT, FL, ME, MA, RI & VT

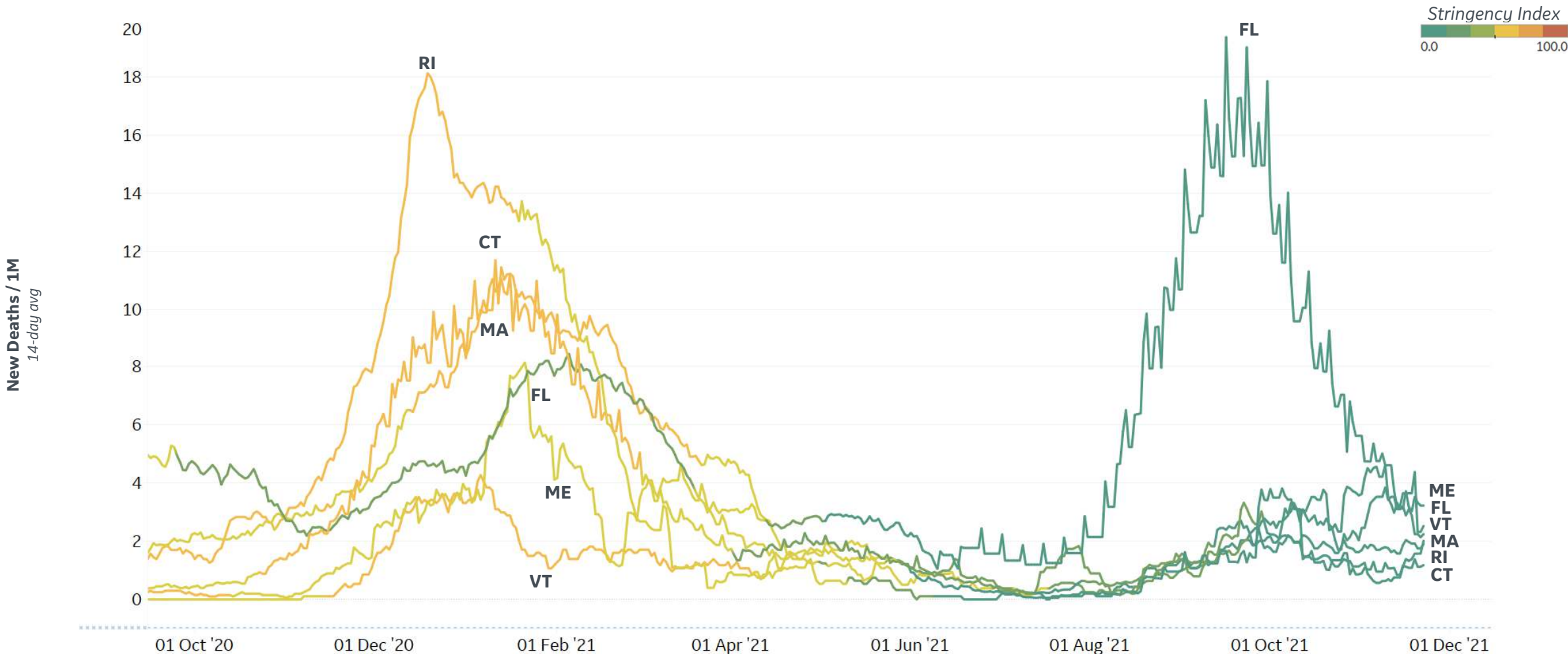
Since 15 Sept 2020. 14-day averages, per 1M. Colored by Oxford Stringency Index, strictness of government lockdown policies





Feature: Deaths in CT, FL, ME, MA, RI & VT

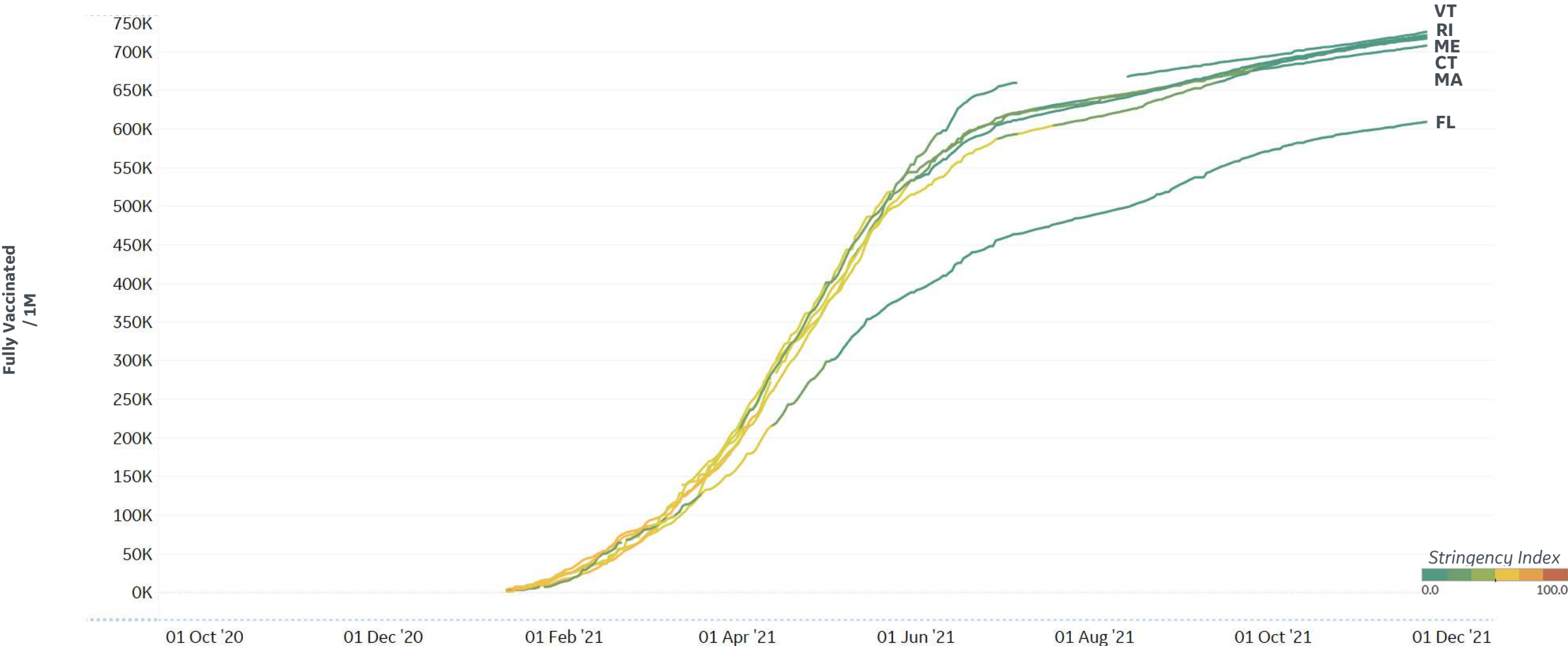
Since 15 Sept 2020. 14-day averages, per 1M. Colored by Oxford Stringency Index, strictness of government lockdown policies





Feature: Vaccinations in CT, FL, ME, MA, RI & VT

Since 15 Sept 2020. 14-day averages, per 1M. Colored by Oxford Stringency Index, strictness of government lockdown policies

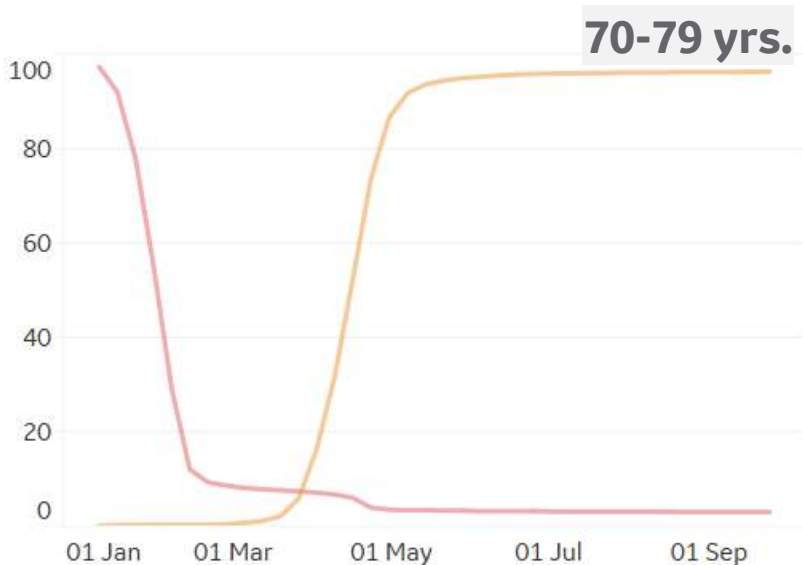
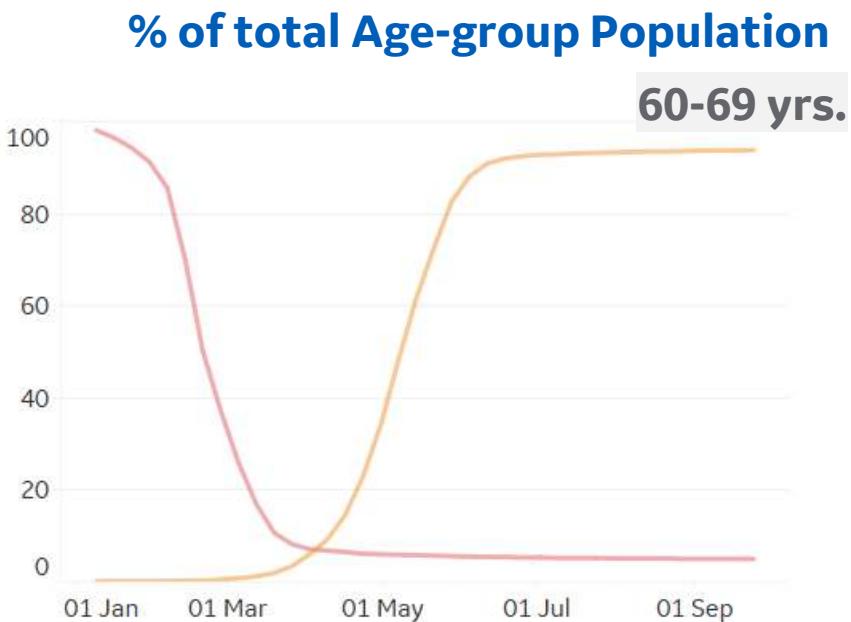
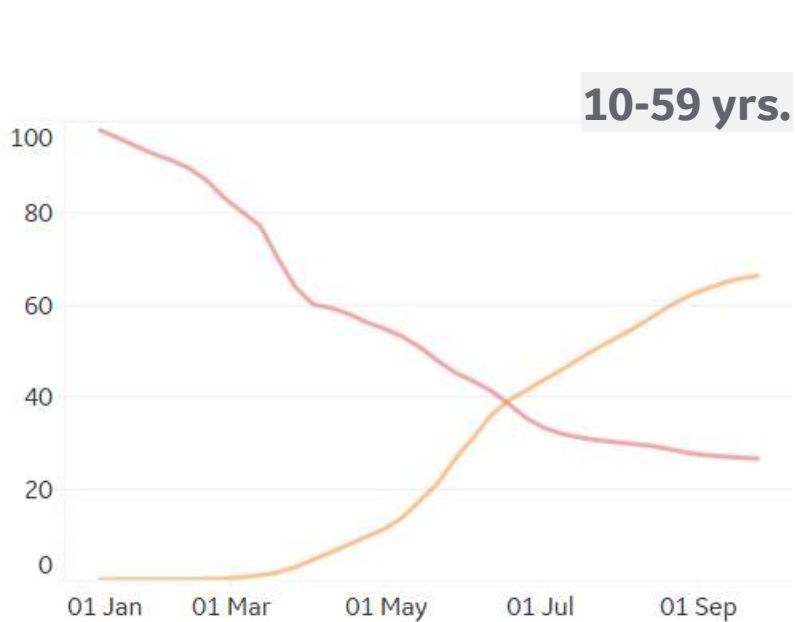
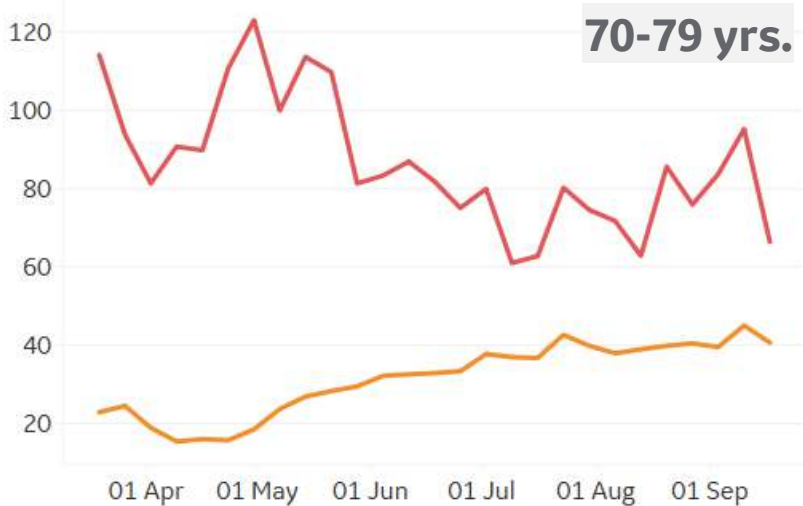
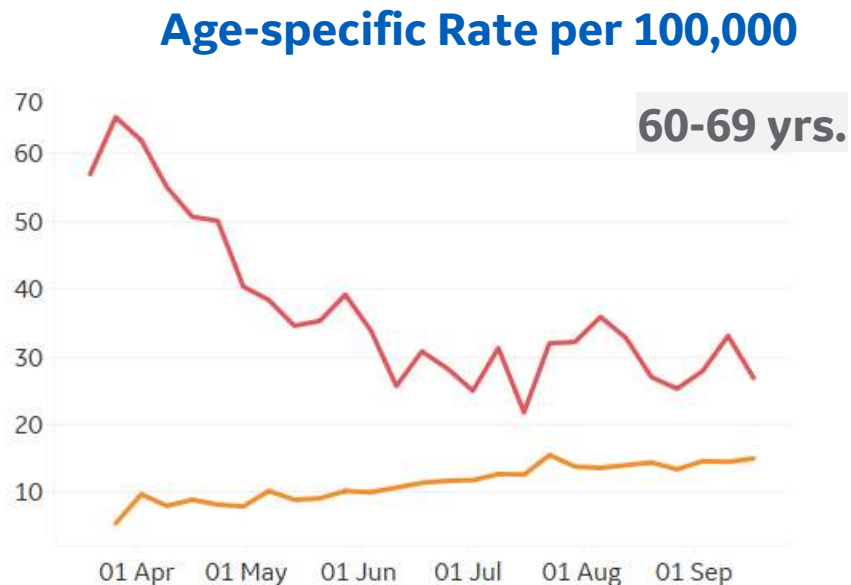
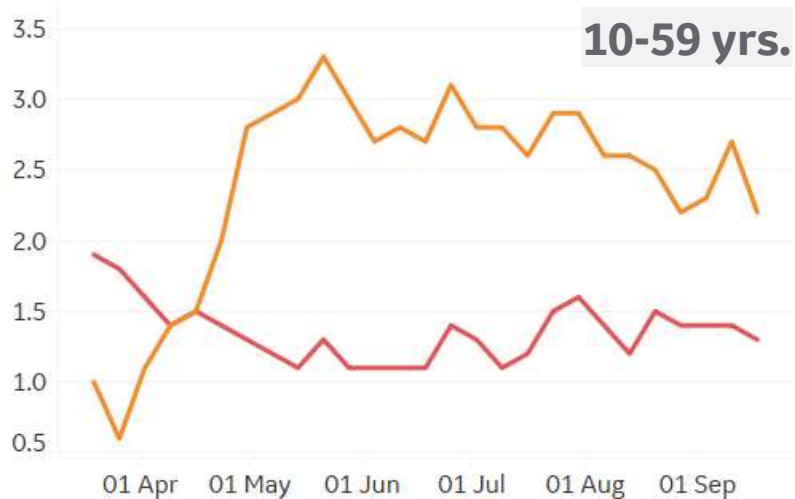




Feature: All Cause Mortality Rates by Vaccination Status, England

Updated 30 Nov 2021, 3:30 GMT 16

Second dose
Unvaccinated

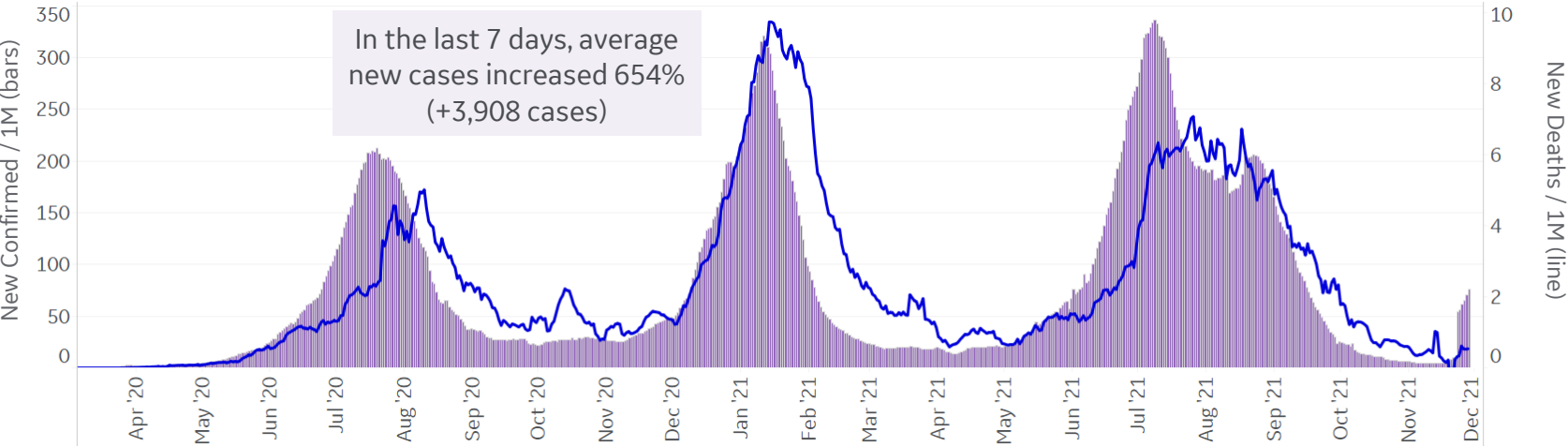




Feature: South Africa

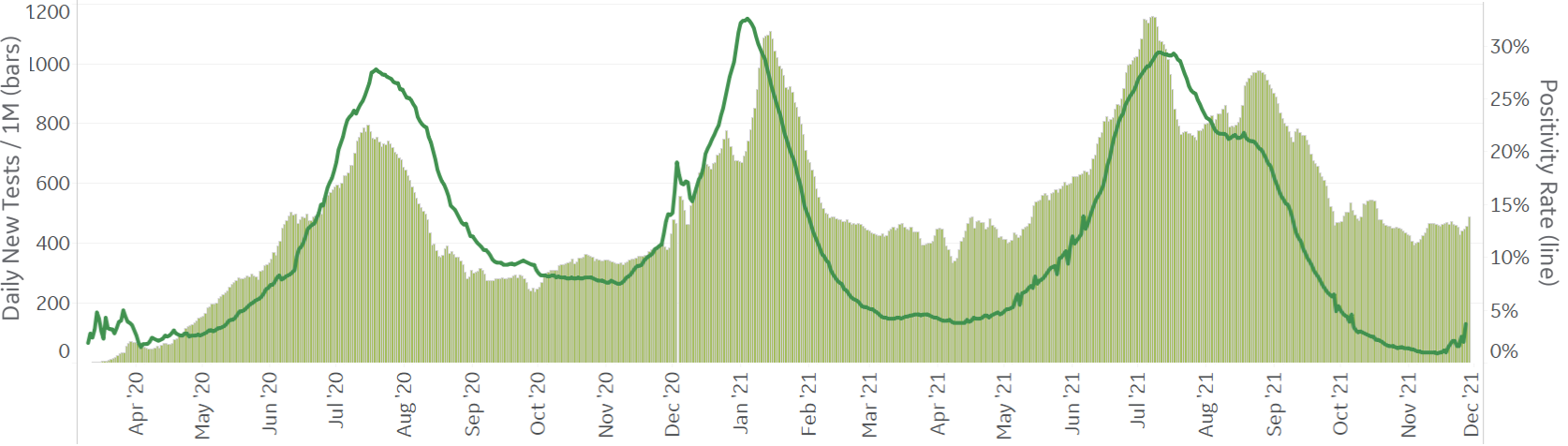
New Confirmed Cases / 1M & New Deaths / 1M

7-day rolling avgs.



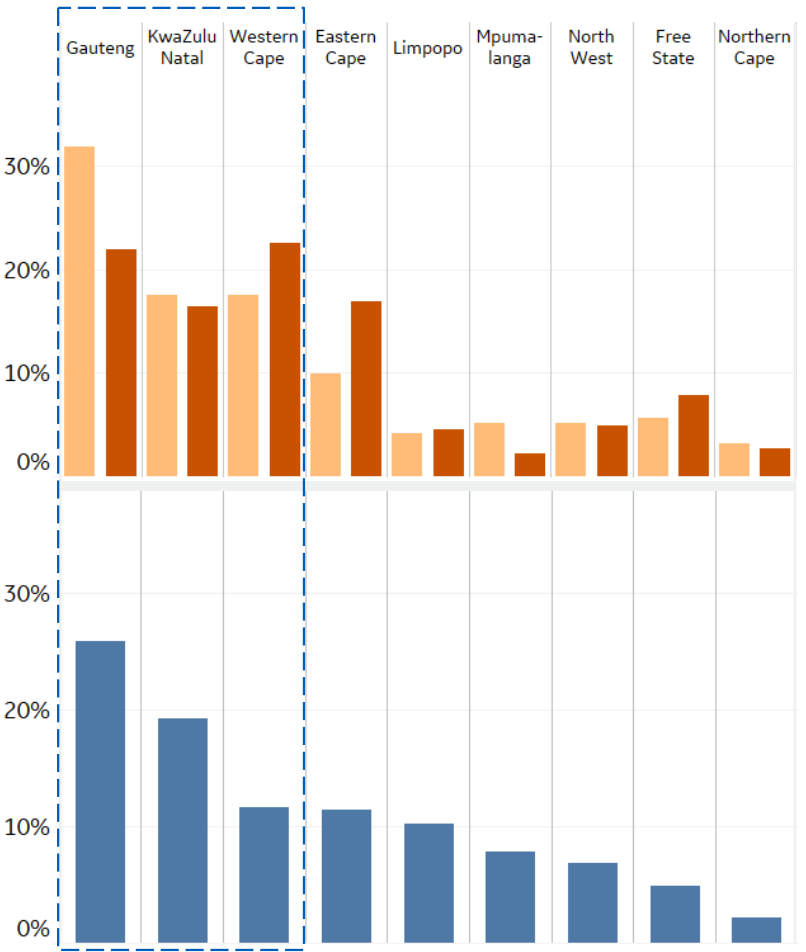
Daily New Tests / 1M & Positivity Rate over time

7-day rolling avgs.



Province Profiles

While **57% of South Africa's population** live in the Gauteng, KwaZulu Natal, and Western Cape provinces, this group makes up **67% of cases** and **61% of deaths**

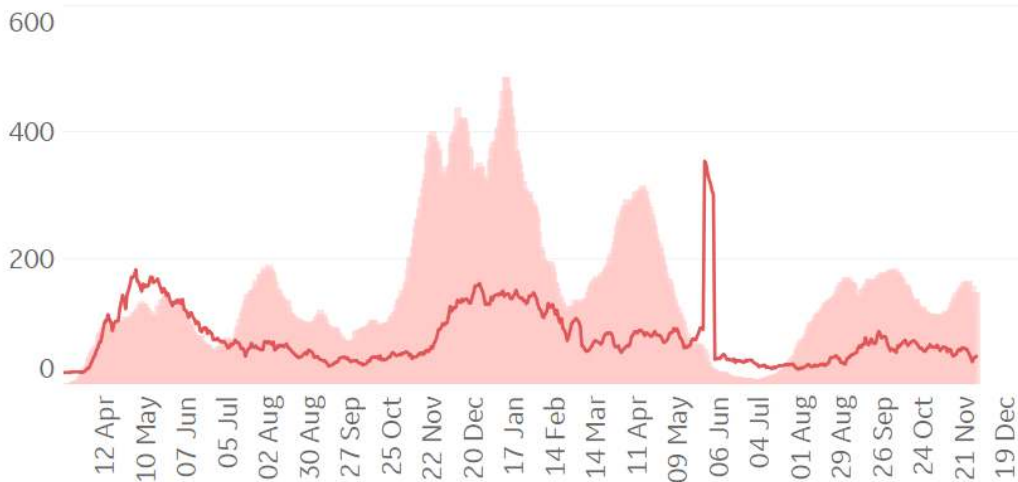


* Visualizations include data from all variants of COVID-19
Source: <https://www.covid19sa.org/provincial-breakdown>

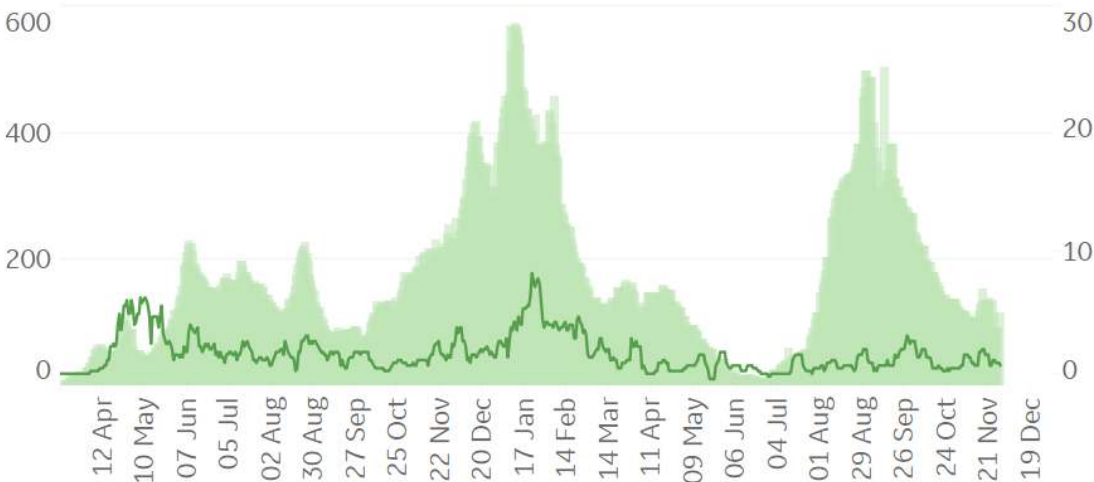


Feature: Trends in CC Ecosystem Cities

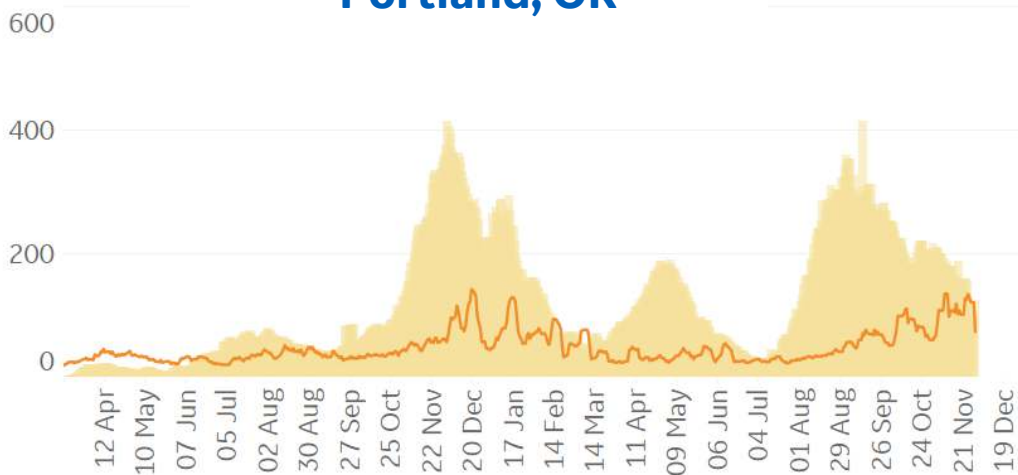
Baltimore, MD



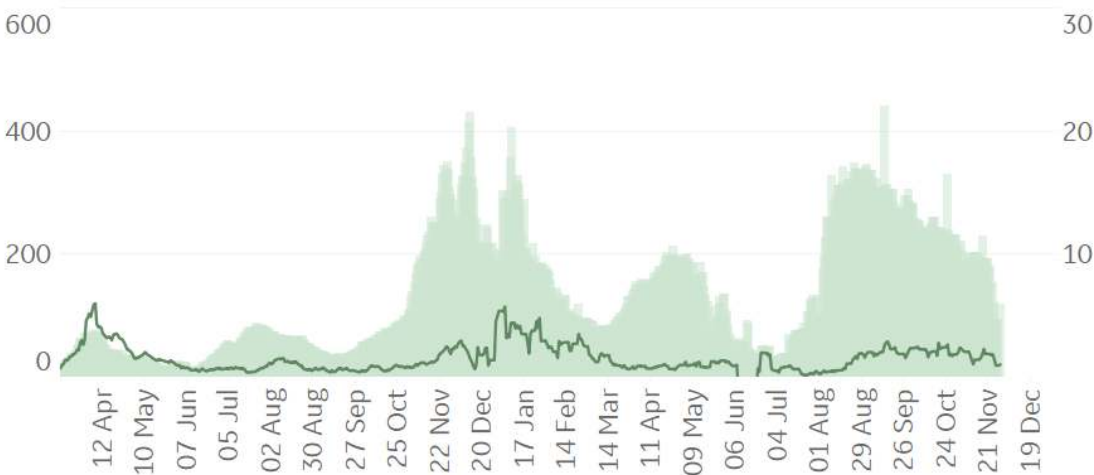
Durham, NC



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

Daily New Confirmed Cases / 1M (Bars)

7-day Rolling Avg



Bradford, UK



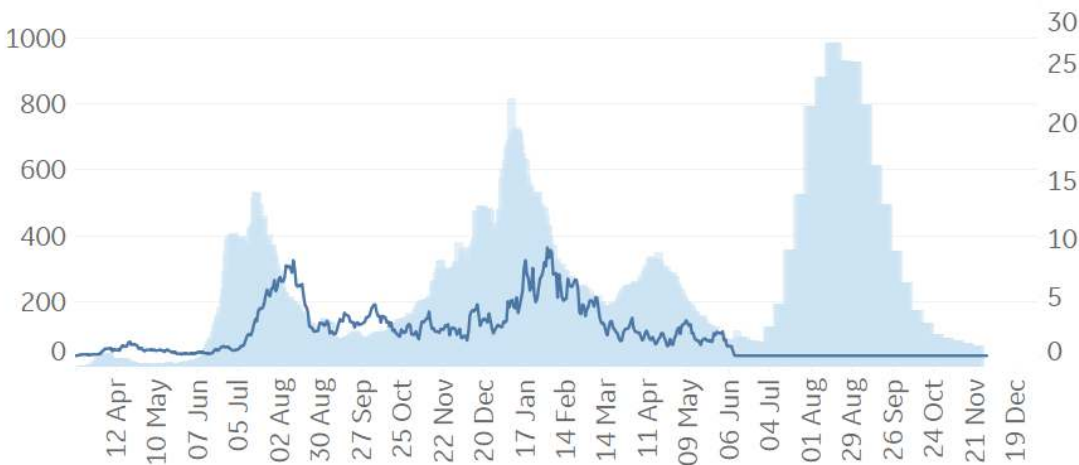
Daily New Deaths / 1M (Lines)

7-day Rolling Avg

Miami, FL



Orlando, FL



*Bradford last updated 4/16
*Miami and Orlando county deaths last updated 6/6

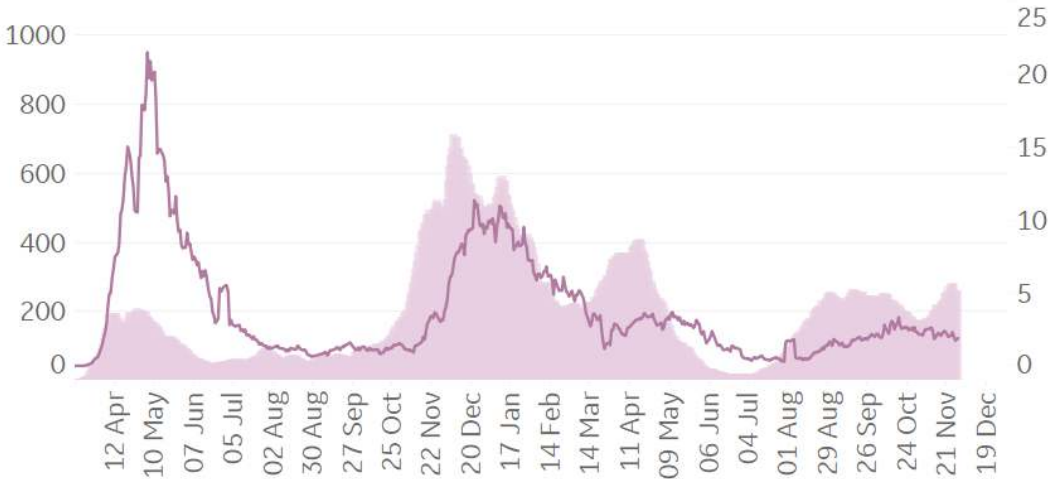


Feature: Trends in CC Ecosystem Cities

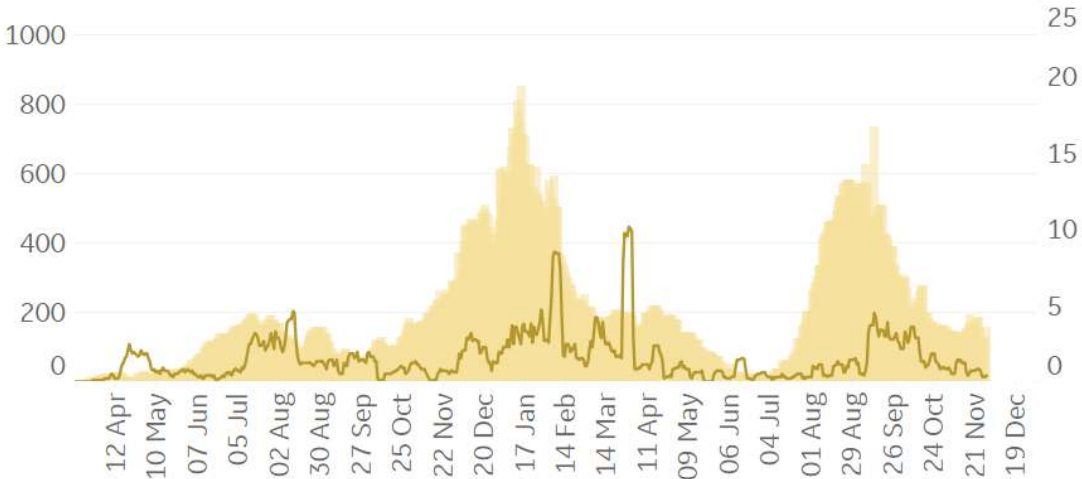
Daily New Confirmed Cases / 1M (Bars)

7-day Rolling Avg

Philadelphia, PA



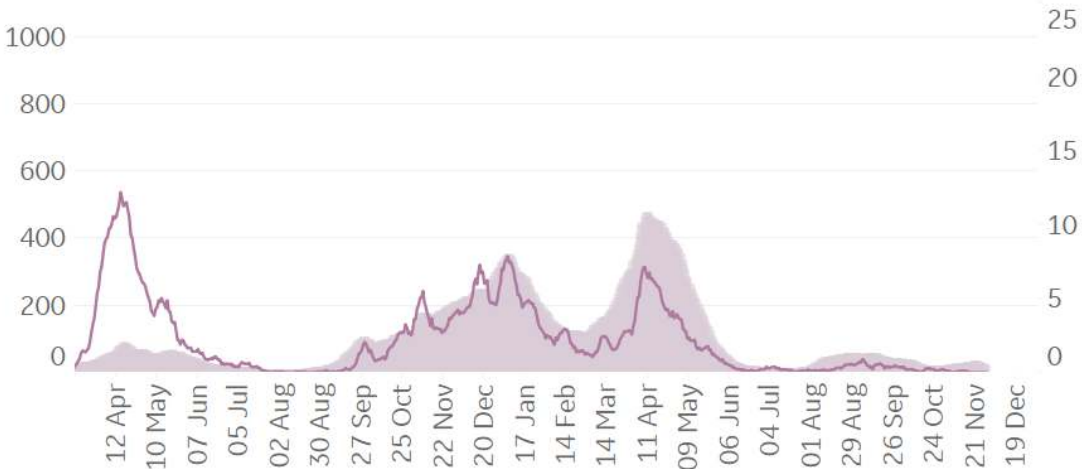
Raleigh, NC



Tampa, FL



Toronto, CA



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

*Tampa county deaths last updated 6/6

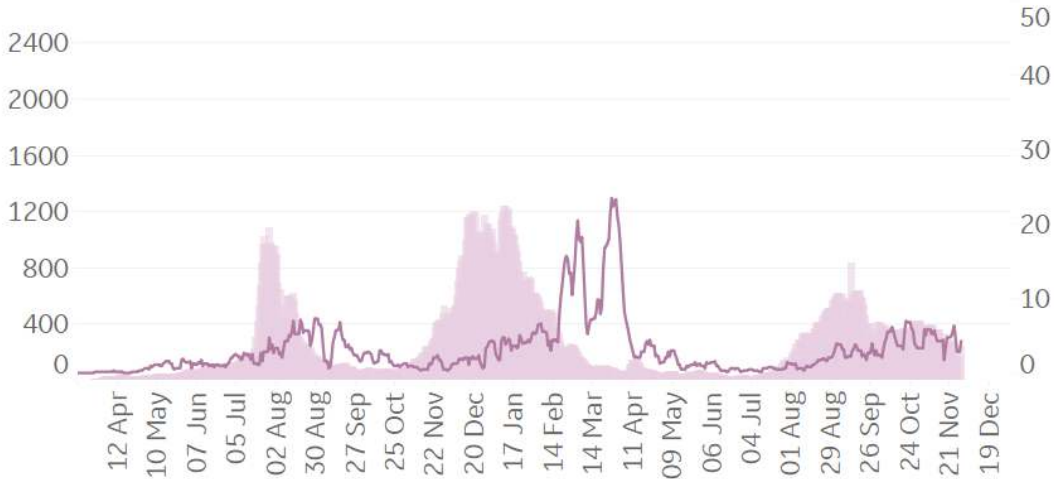


Feature: Trends in CC Ecosystem Cities

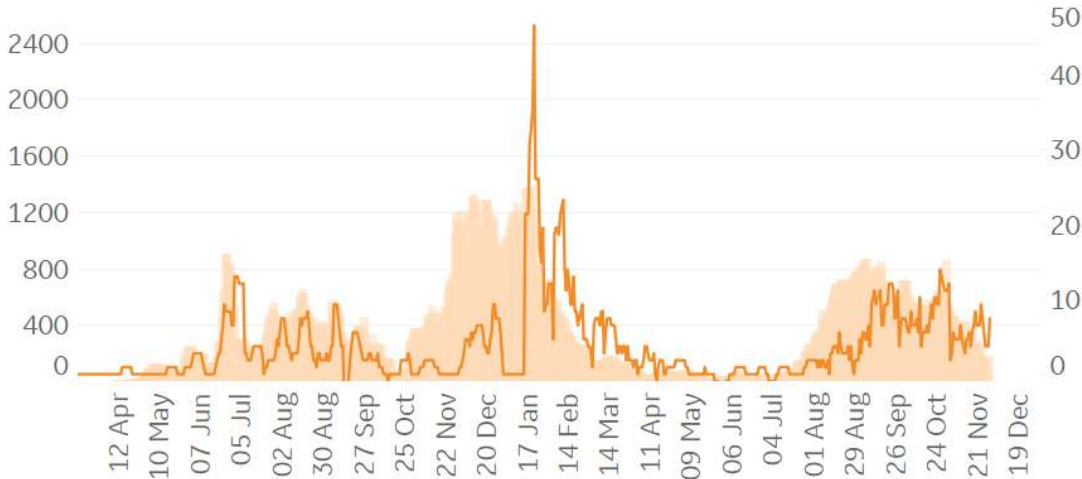
Bakersfield, CA

Daily New Confirmed Cases / 1M (Bars)

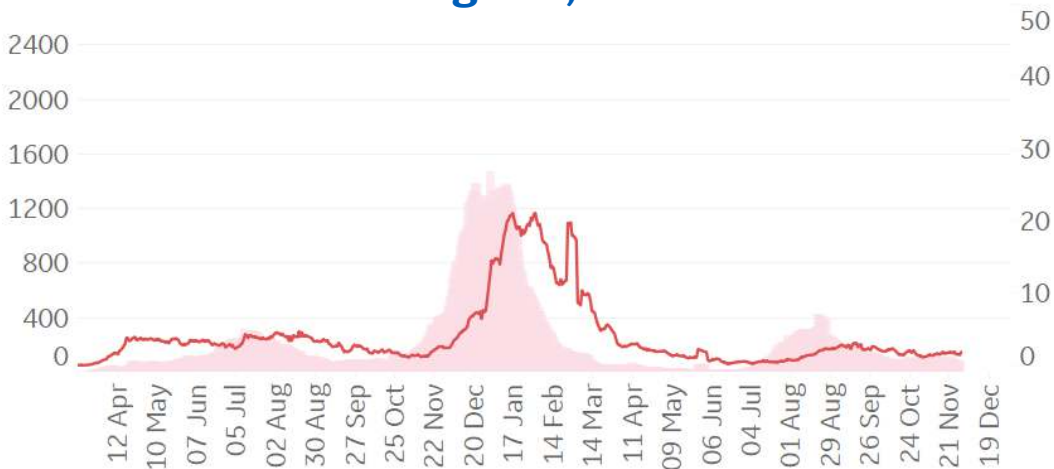
7-day Rolling Avg



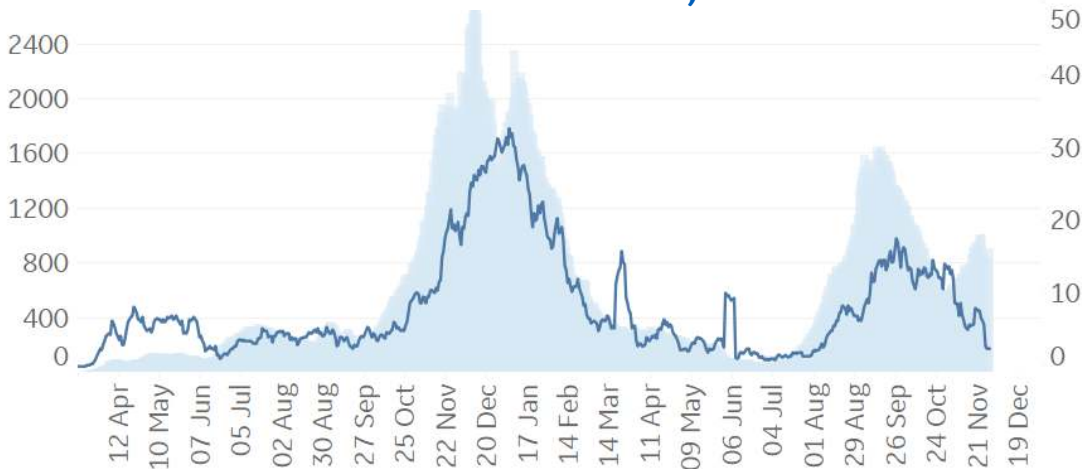
Hanford, CA



Los Angeles, CA



Cincinnati, OH



Daily New Deaths / 1M (Lines)

7-day Rolling Avg



Europe & Middle East

Updated 30 Nov 2021, 3:30 GMT

Per 1M in Region

	Today	Change
Active Cases	90,874	+0.4%
Confirmed	379	+0.4%
Deaths	3	+0.2%
Recovered	302	+0.4%

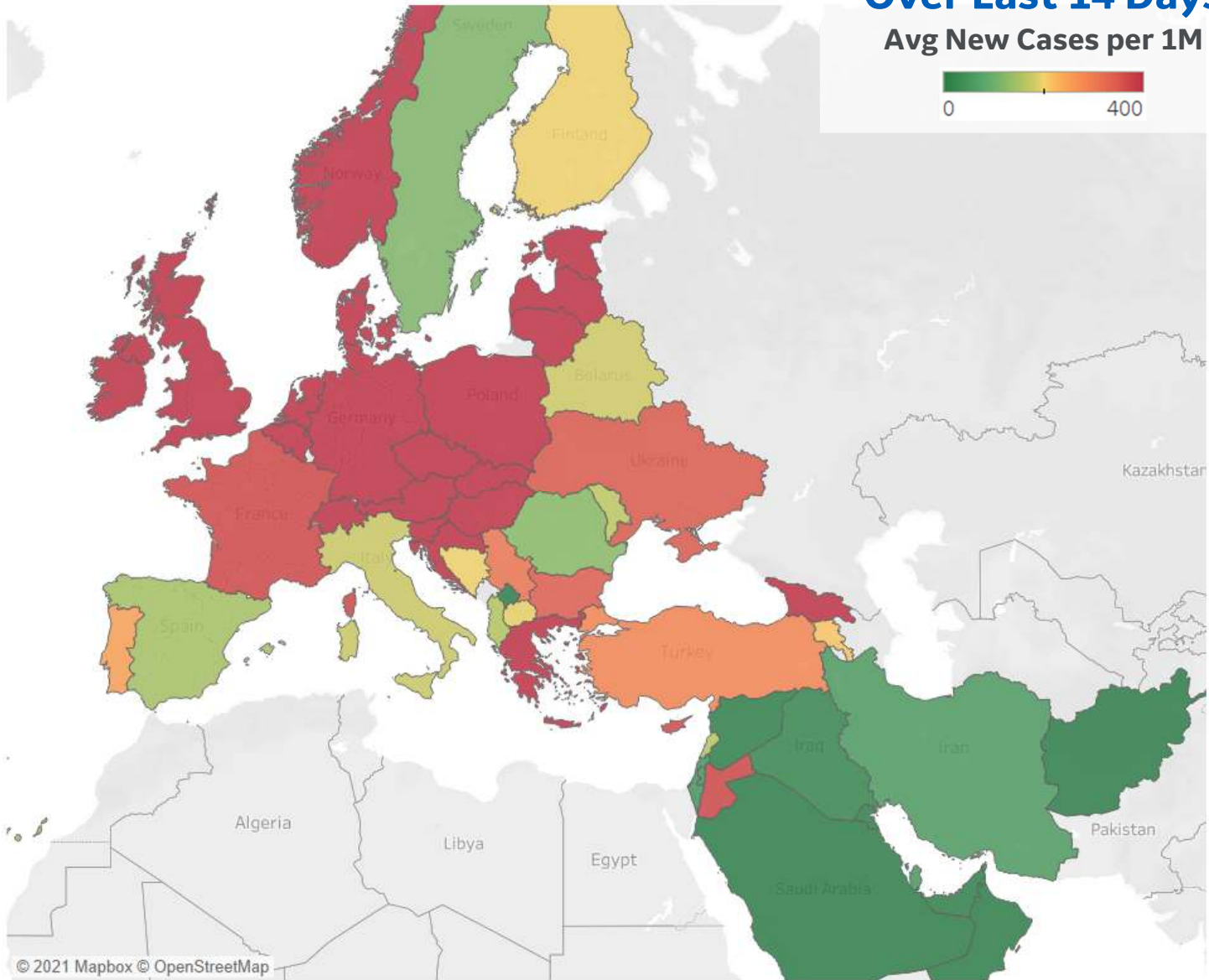
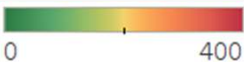
Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Slovakia	1,948	10
Czechia	1,576	9
Belgium	1,461	3
Austria	1,430	5
Slovenia	1,321	9
Netherlands	1,282	3
Croatia	1,122	15
Hungary	1,005	16
Georgia	979	16
Ireland	958	1
Switzerland	722	1
Denmark	706	1
Germany	651	3
Lithuania	638	10
Greece	633	8

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

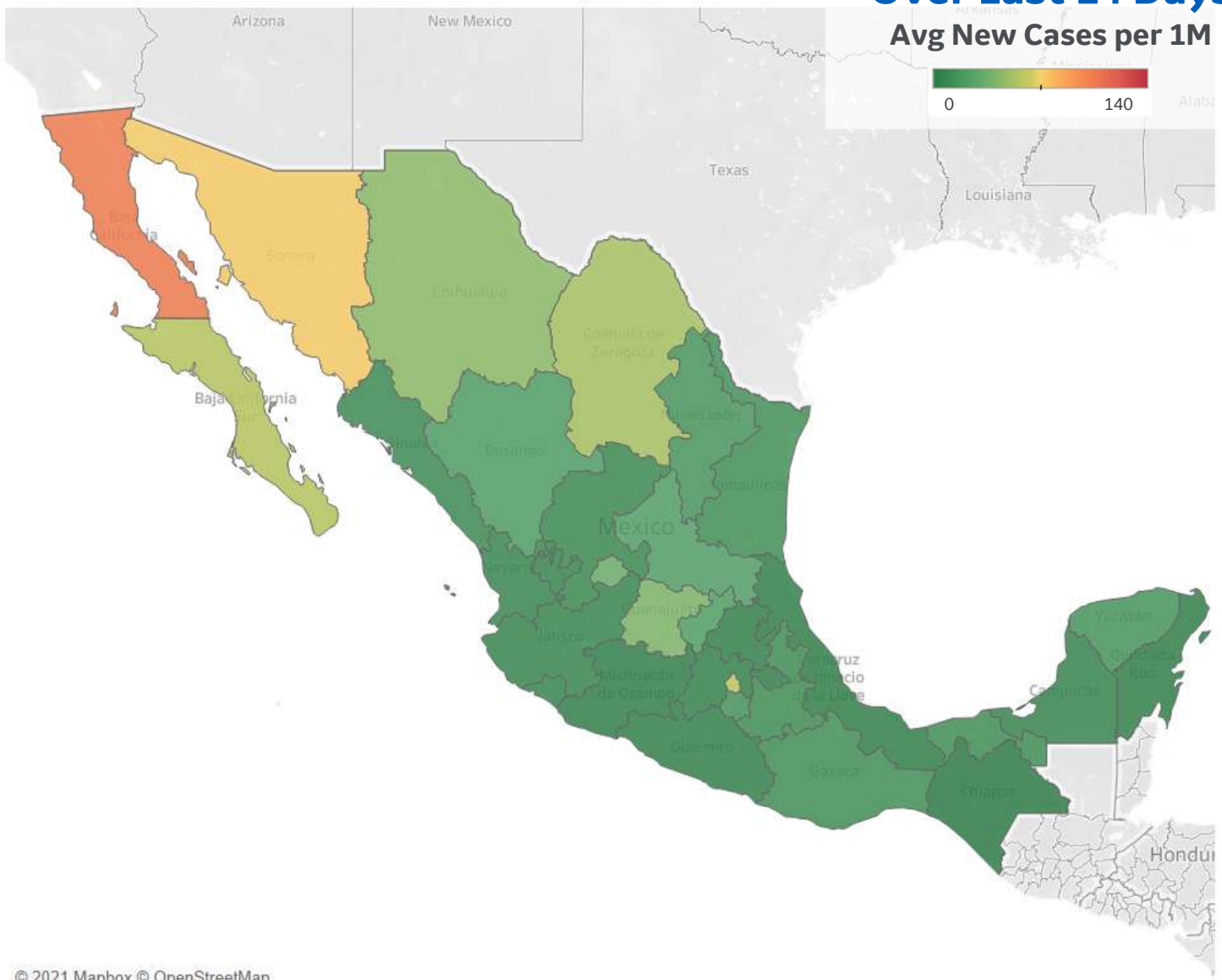
	Today	Change
Active Cases	27,849	+0.0%
Confirmed	14	+0.0%
Deaths	1	+0.0%
Recovered	7	+0.0%

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

	Cases	Deaths
Baja California	104	6
Sonora	72	3
Distrito Federal	59	1
Baja California Sur	57	1
Coahuila	52	2
Chihuahua	44	2
Guanajuato	40	2
Aguascalientes	34	2
San Luis Potosí	24	1
Querétaro	23	2
Durango	22	1
Nacional	21	2
Nuevo León	17	4
Yucatán	17	4
Morelos	16	4

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

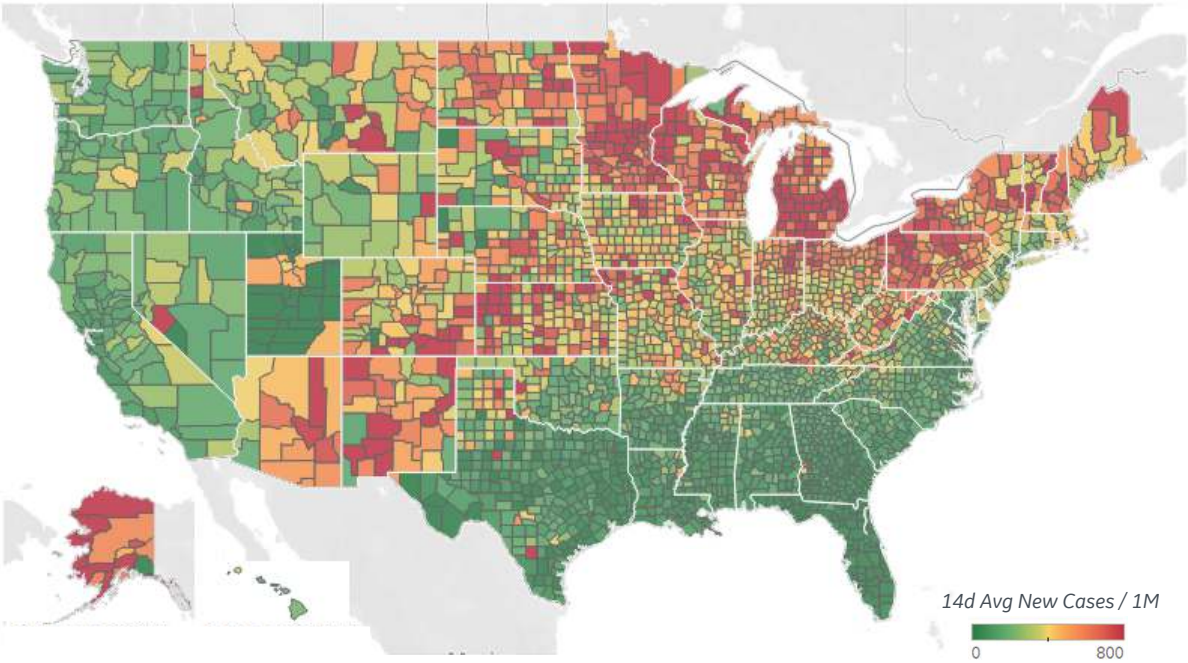
Over Last 14 Days





US Counties: Recent Cases and Deaths

Average New Cases per 1M Over Last 14 Days

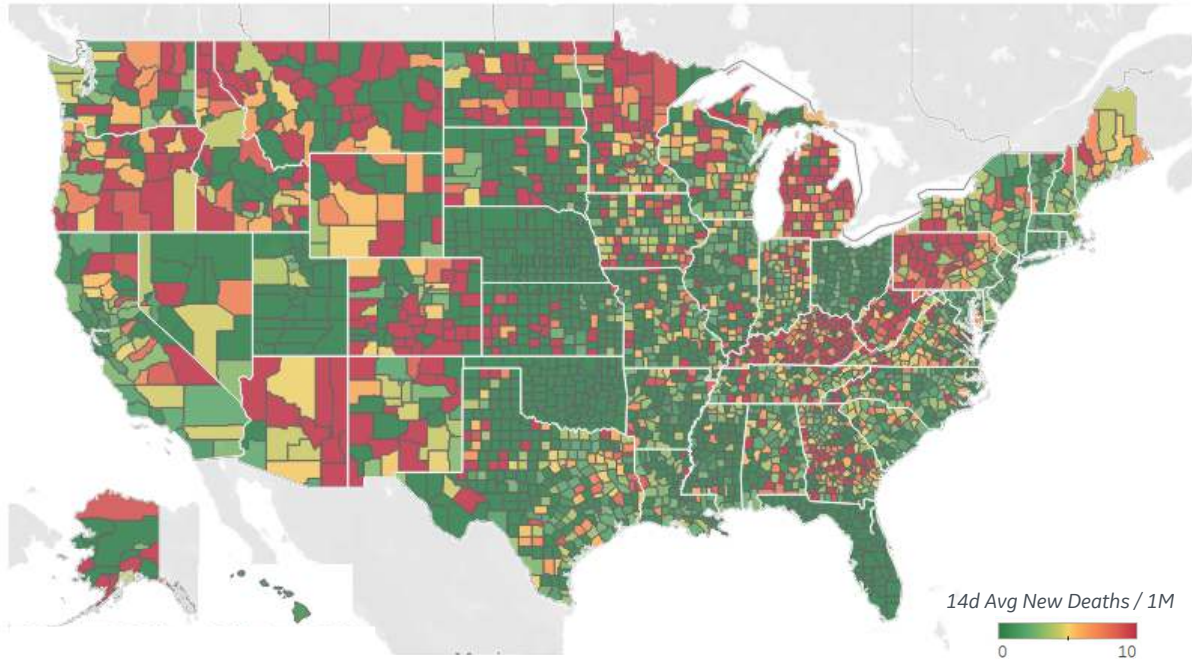


Top 10 by New Confirmed

Avg New Confirmed Cases / 1M

Ottawa County, MI	937
Kent County, MI	871
Genesee County, MI	828
Macomb County, MI	806
Erie County, PA	794
Anoka County, MN	754
Brown County, WI	732
Hillsborough County, NH	711
Allen County, IN	699
Dakota County, MN	689

Average New Deaths per 1M Over Last 14 Days



Top 10 by New Deaths

Avg New Deaths/ 1M

Genesee County, MI	9
Tulare County, CA	9
Ottawa County, MI	8
Weld County, CO	8
Westmoreland County, PA	7
Erie County, PA	7
Macomb County, MI	7
York County, PA	7
Ingham County, MI	6
Jefferson County, KY	6

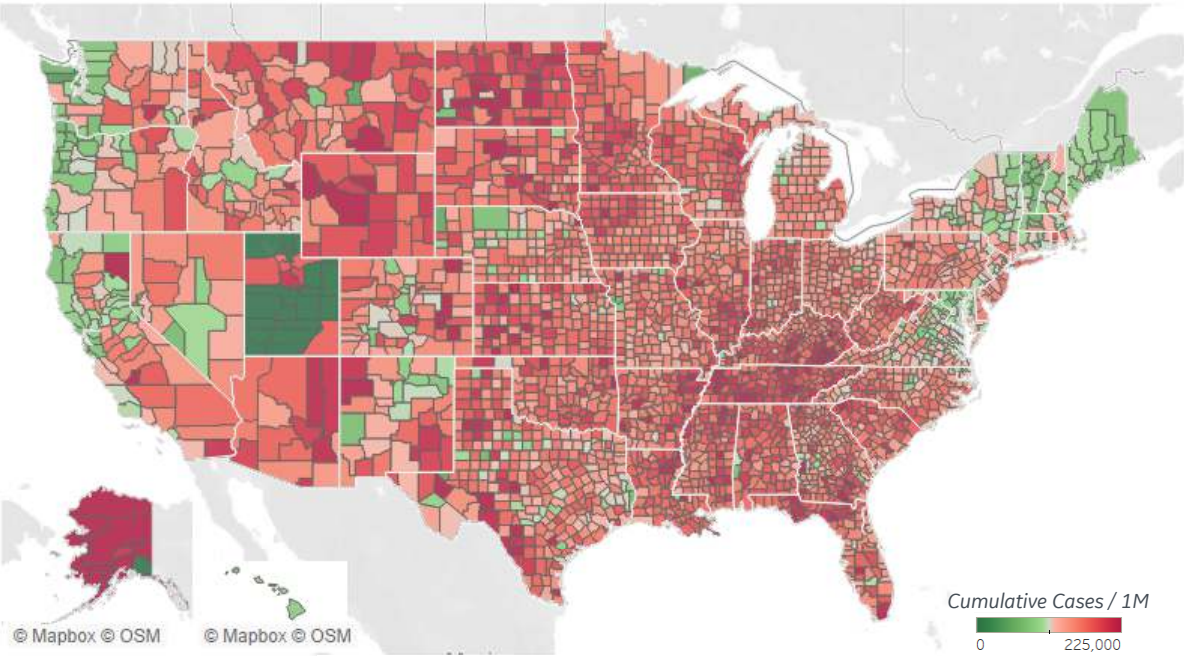
Note: Lists includes counties ≥ 250K population

*Nebraska data not available



US Counties: Cumulative Cases and Deaths

Confirmed **Cases** per 1M to date

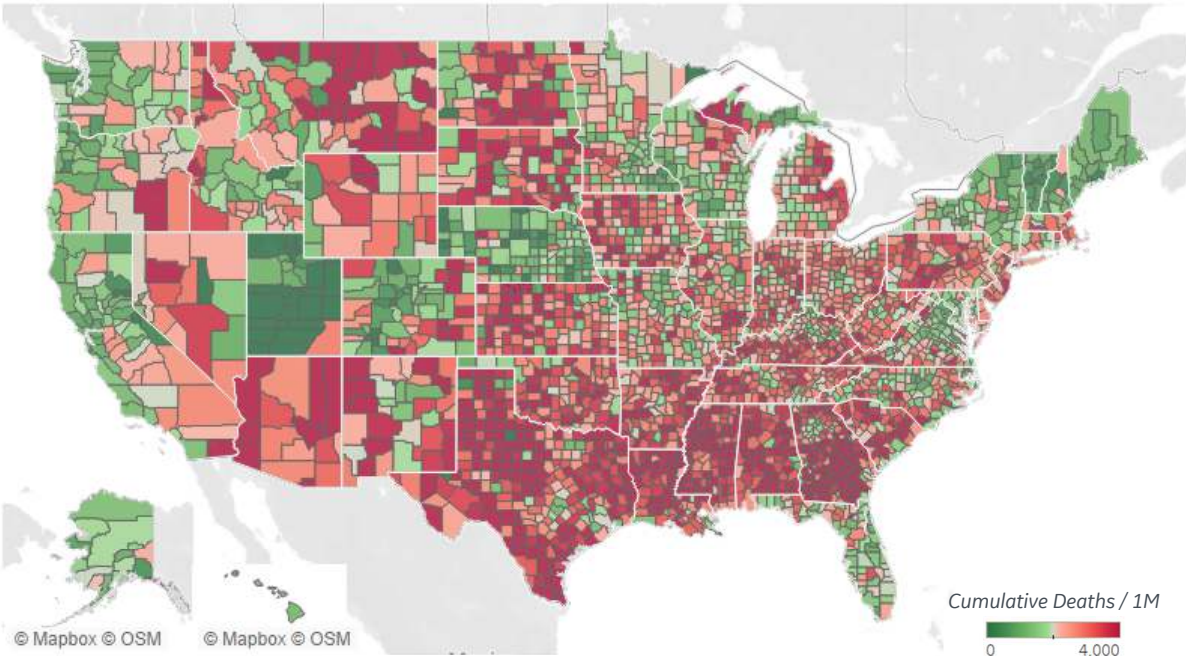


Top 10 Counties

Total Confirmed Cases / 1M

Miami-Dade County, FL	251,936
Lubbock County, TX	217,230
Utah County, UT	213,042
Anchorage Municipality, AK	212,764
Webb County, TX	206,928
Greenville County, SC	205,655
Spartanburg County, SC	197,464
Osceola County, FL	194,674
Brown County, WI	194,275
Rutherford County, TN	191,950

Reported **Deaths** per 1M to date



Top 10 Counties

Total Reported Deaths/ 1M

New York City*	6,479
Cameron County, TX	4,303
Passaic County, NJ	4,053
Hidalgo County, TX	4,023
Essex County, NJ	3,978
Ocean County, NJ	3,948
Spartanburg County, SC	3,859
Union County, NJ	3,694
Hampden County, MA	3,643
Nueces County, TX	3,577

*Data last updated 12 October

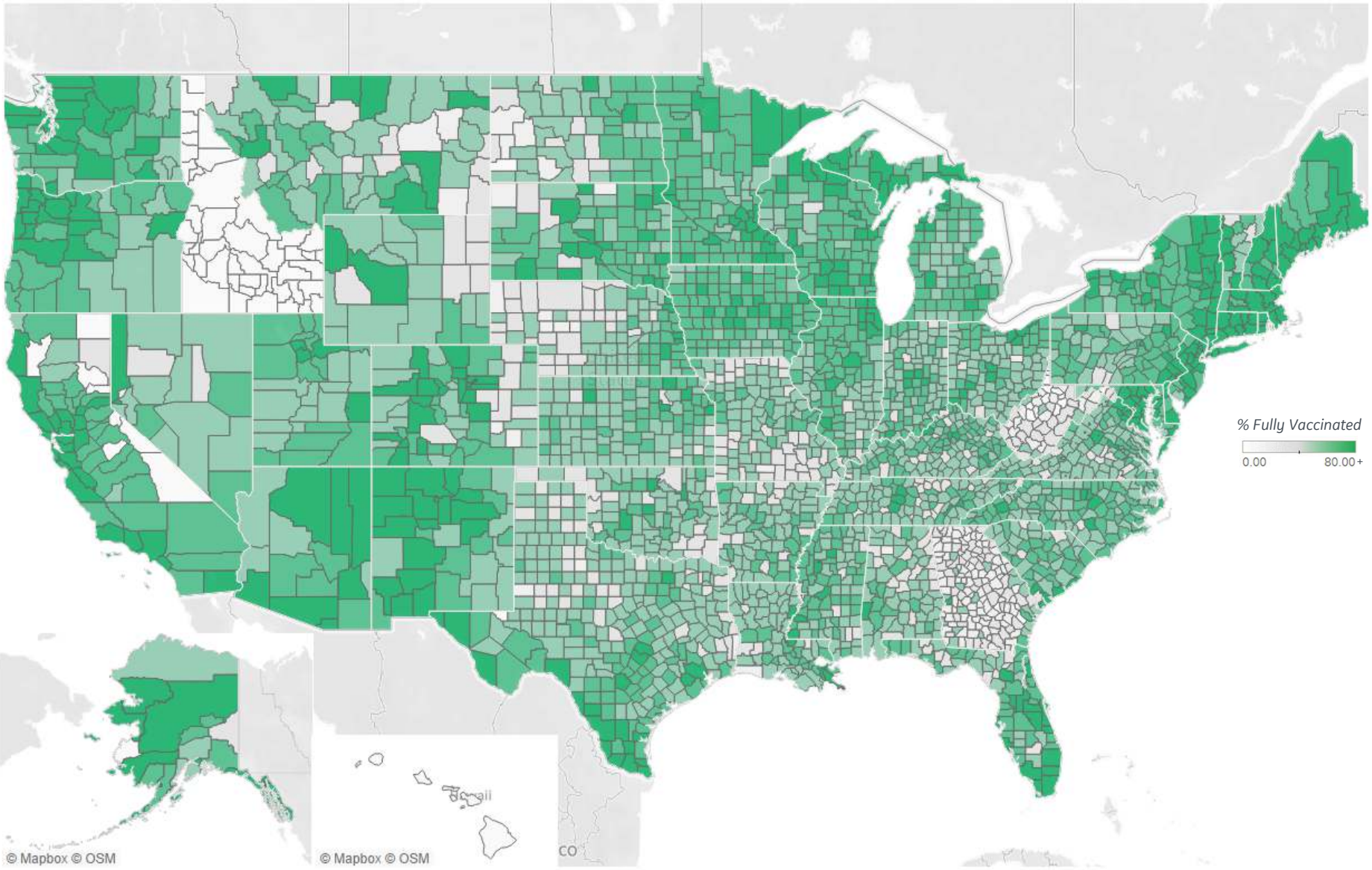
* New York City counties aggregated into one reporting area



US Counties: Fully Vaccinated (12+) Population

Updated 30 Nov 2021, 3:30 GMT

26



Top 20 Counties

Population Age 12+ Fully Vaccinated

Webb County, TX	95
Montgomery County, MD	92
Marin County, CA	90
Miami-Dade County, FL	90
Cumberland County, ME	89
Santa Clara County, CA	89
Howard County, MD	89
Dane County, WI	86
San Mateo County, CA	85
Fairfield County, CT	85
Contra Costa County, CA	85
Nassau County, NY	85
El Paso County, TX	84
King County, WA	84
San Francisco County, CA	84
Alameda County, CA	83
Westchester County, NY	83
Fairfax County, VA	83
Cameron County, TX	82
New London County, CT	82

* 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

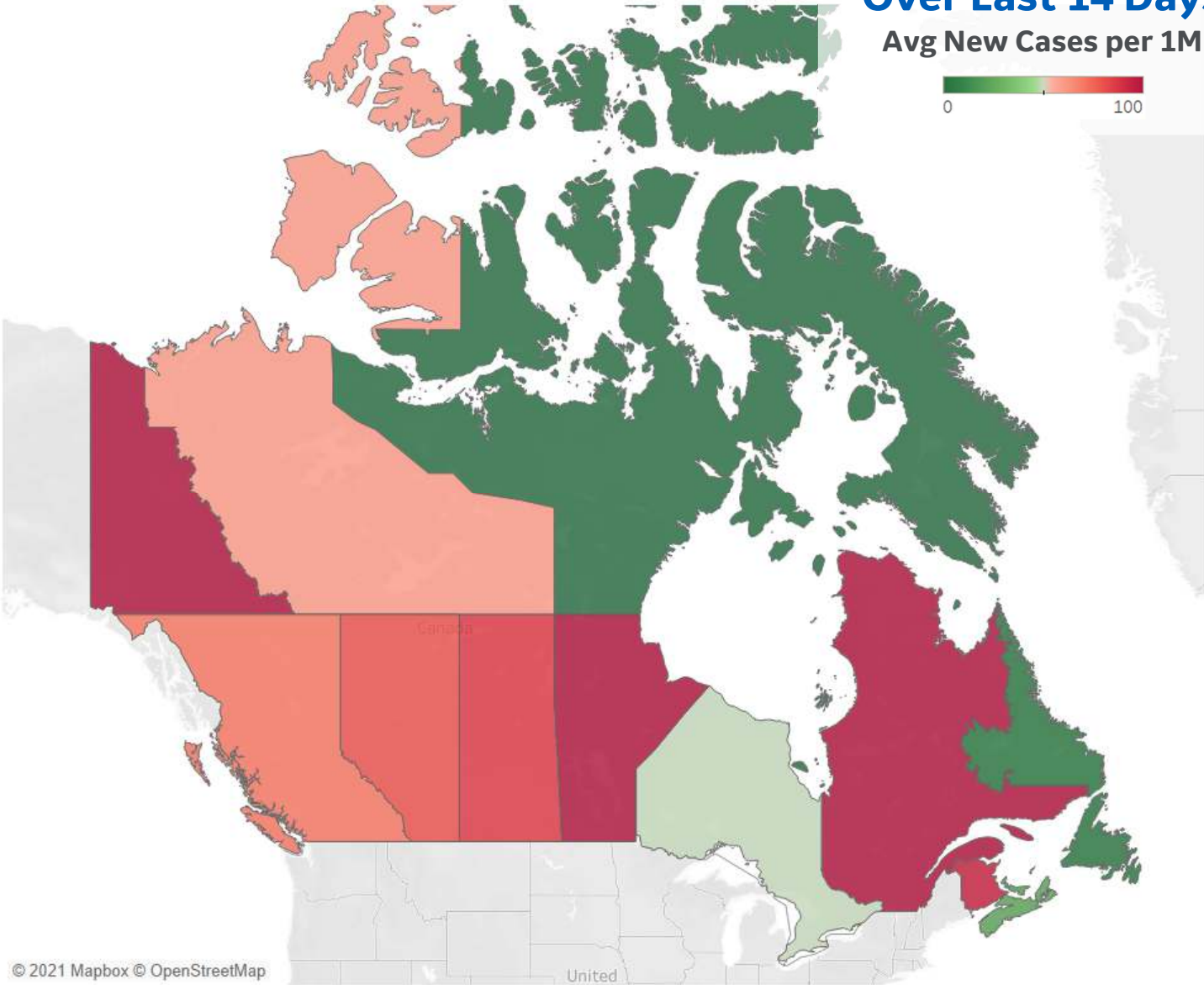
	Today	Change
Active Cases	46,865	+0.2%
Confirmed	112	+0.2%
Deaths	1	+0.1%
Recovered	115	+0.3%

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

	Cases	Deaths
Quebec	105	0
Manitoba	103	2
Saskatchewan	87	2
Alberta	80	1
British Columbia	70	1
Ontario	49	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	79,787	+0.04%
Confirmed	31	+0.04%
Deaths	1	+0.04%
Recovered	33	+0.04%

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

	Cases	Deaths
Trinidad and Tobago	405	13
Chile	122	1
Bolivia	75	1
Dom. Rep.	66	0
Uruguay	58	1
Panama	48	0
Colombia	46	1
Peru	42	1
Brazil	42	1
Argentina	34	0
Guatemala	30	1
Venezuela	27	0
Costa Rica	27	1
Jamaica	22	1
Cuba	21	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	101,009	+0.0%
Confirmed	18	+0.0%
Deaths	0.5	+0.0%
Recovered	13	+0.0%

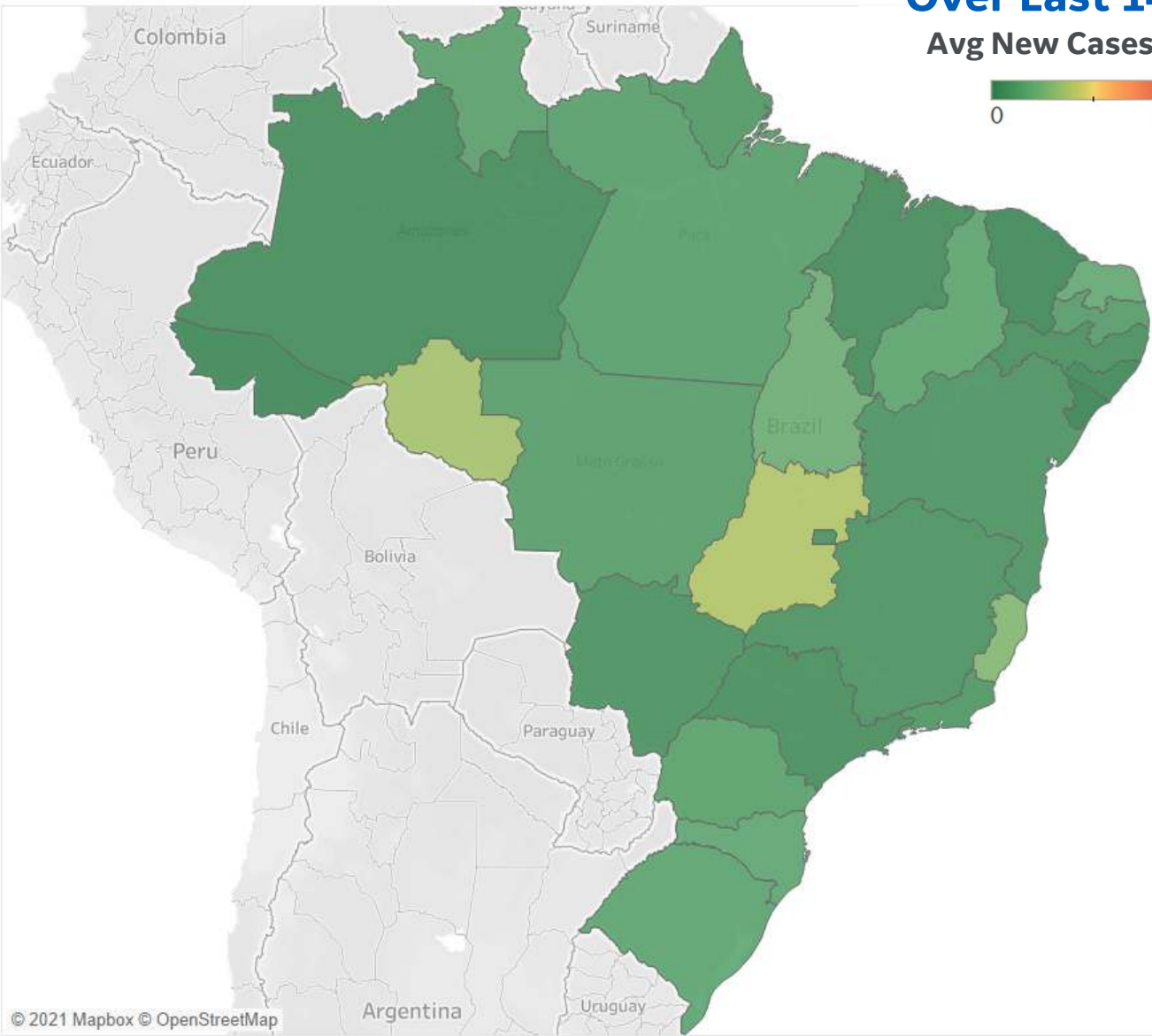
Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Goiás	156	1
Rondônia	145	2
Espírito Santo	112	2
Tocantins	87	1
Rio Grande do Norte	76	1
Santa Catarina	70	1
Piauí	65	1
Rio Grande do Sul	63	2
Paraná	55	0
Pará	54	1
MatoGrosso	51	1
Paraíba	50	1
Rio de Janeiro	40	1
Bahia	34	1
Minas Gerais	31	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	15,157	+0.1%
Confirmed	17	+0.1%
Deaths	0.5	+0.2%
Recovered	17	+0.1%

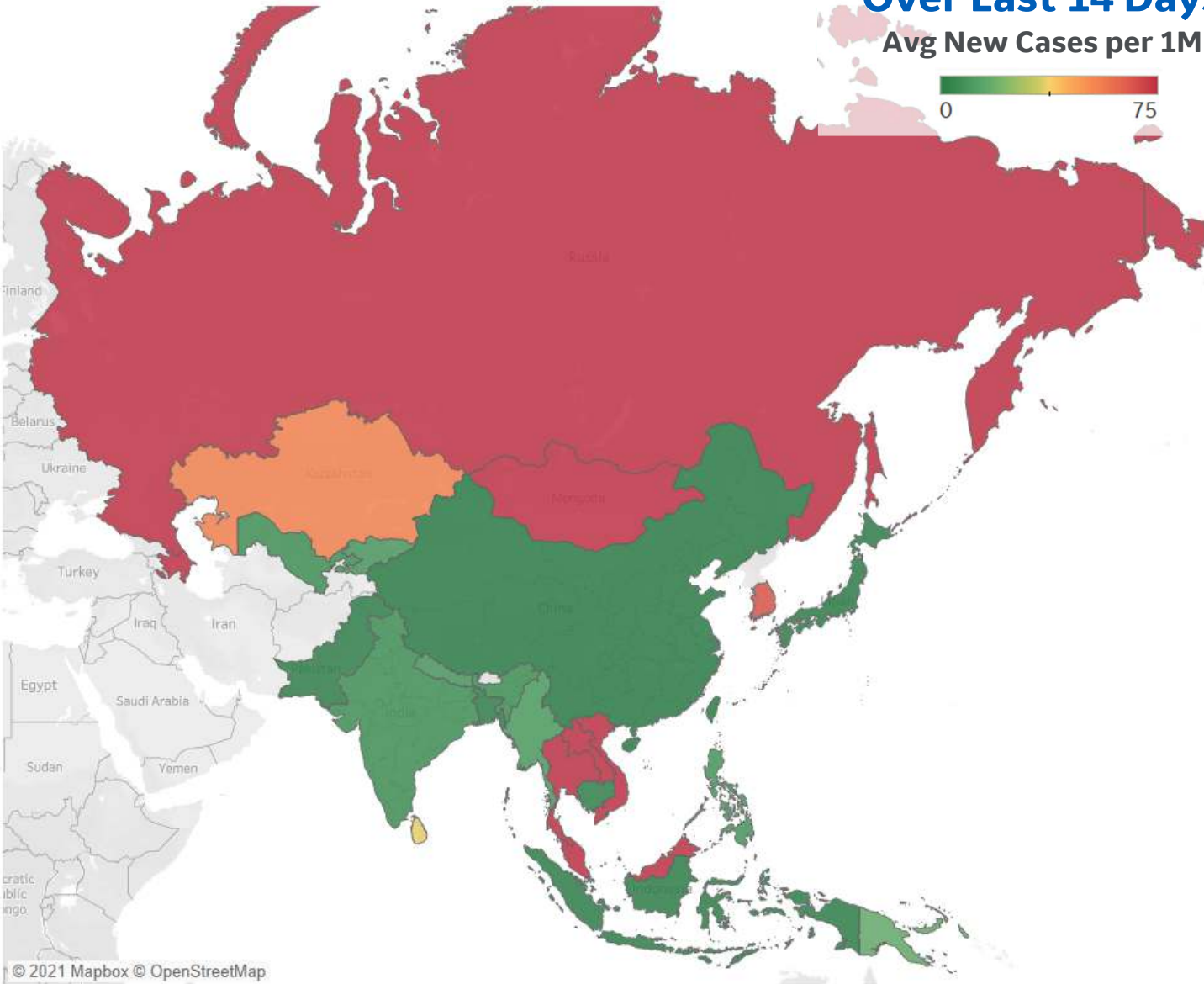
Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Singapore	296	1
Russia	235	8
Mongolia	178	3
Azerbaijan	174	3
Laos	171	1
Malaysia	169	1
Vietnam	139	1
Thailand	89	1
South Korea	66	1
Kazakhstan	55	1
Sri Lanka	37	1
Papua New Guinea	17	1
Myanmar	10	0
Kyrgyzstan	9	0
Nepal	9	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

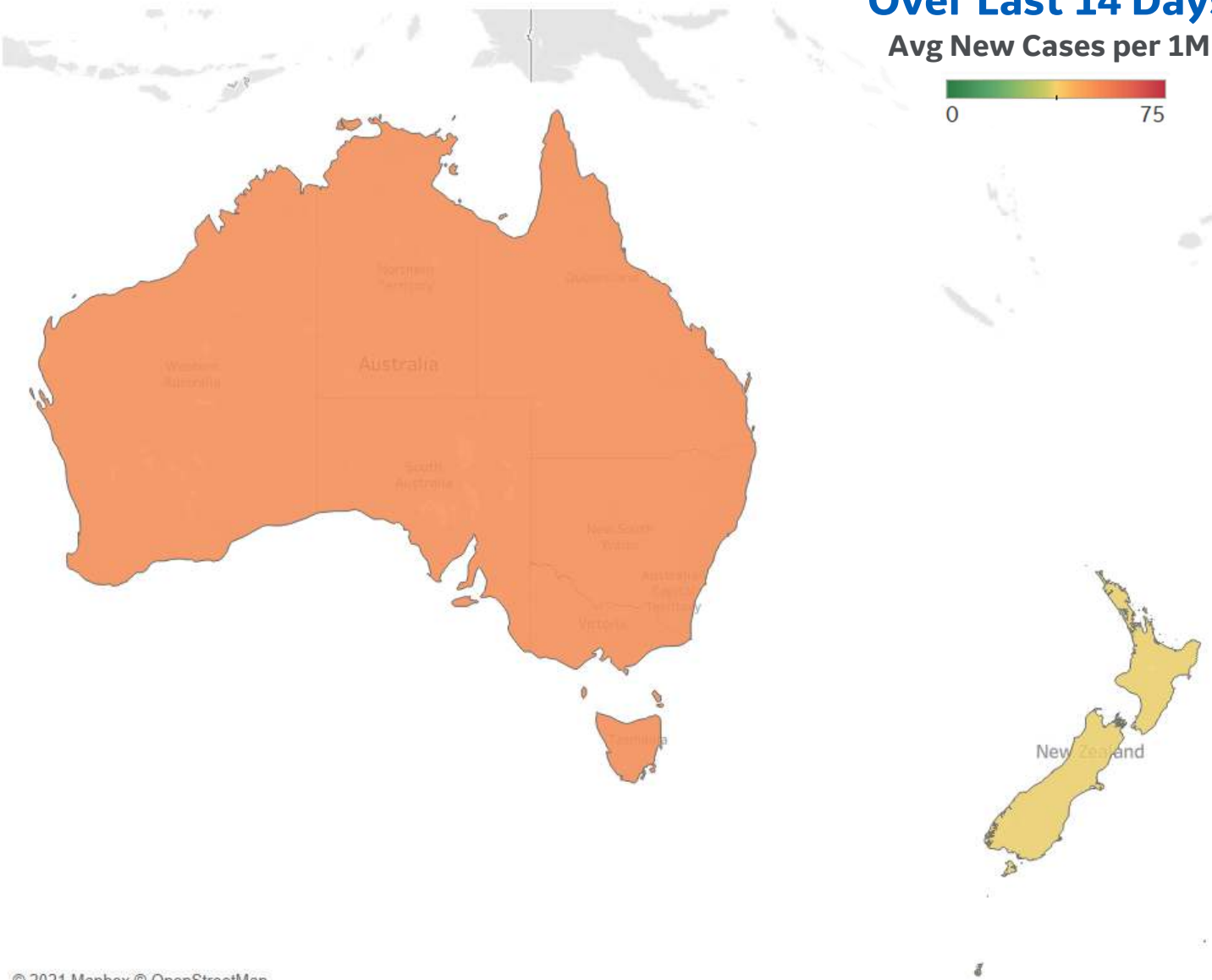
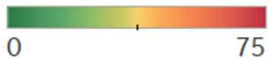
	Today	Change
Active Cases	8,699	+0.5%
Confirmed	40	+0.5%
Deaths	0.3	+0.4%
Recovered	40	+0.5%

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

	Cases	Deaths
Australia	52	0
New Zealand	37	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

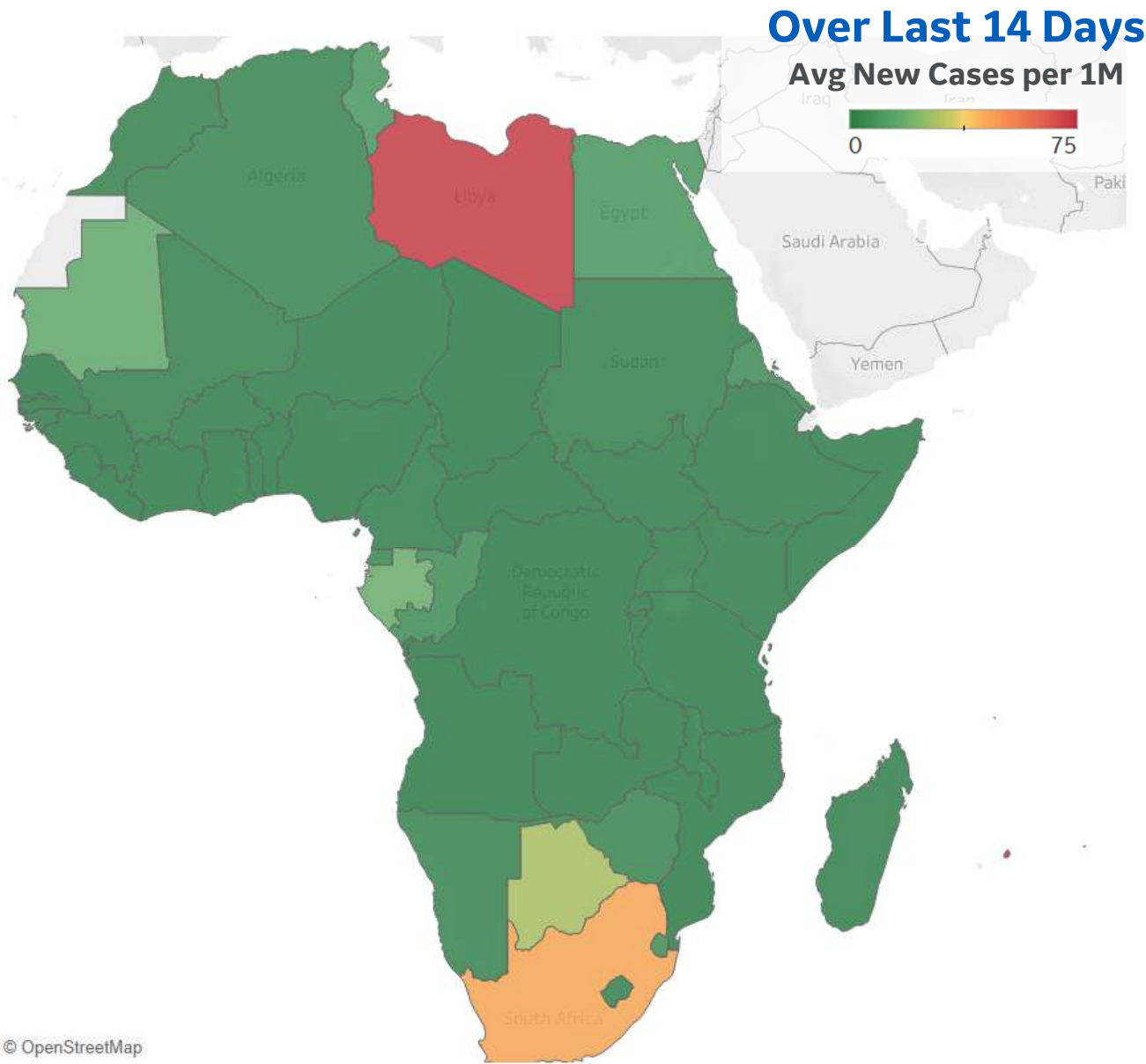
Per 1M in Region

	Today	Change
Active Cases	6,298	+0.08%
Confirmed	5	+0.08%
Deaths	0.1	+0.1%
Recovered	3	+0.1%

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

	Cases	Deaths
Mauritius	116	0
Libya	72	1
South Africa	45	0
Botswana	29	0
Gabon	18	0
Mauritania	16	0
Tunisia	10	0
Egypt	9	1
Eswatini	7	0
Congo (Brazzaville)	7	0
Eritrea	6	0
Eq. Guinea	5	0
Zimbabwe	4	0
Algeria	4	0
Namibia	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>

Italian Department of Civil Protection, COVID Monitoring:

<http://opendatadpc.maps.arcgis.com/apps/opsdashboard/index.html#/b0c68bce2cce478eaac82fe38d4138b1>

The COVID Tracking Project:

<https://covidtracking.com/data/>

UK Office for National Statistics:

<https://www.ons.gov.uk/peoplepopulationandcommunity/birthsdeathsandmarriages/deaths/bulletins/deathsregisteredweeklyinenglandandwalesprovisional/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>

Worldwide Survival Rate, last 30d calculation =

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

U.S. Department of Health and Human Services:

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

CDC COVID-19 Deaths by Age:

<https://data.cdc.gov/resource/3apk-4u4f.csv>

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>

US & UK Excess Deaths:

<https://mpidr.shinyapps.io/stmortality/>