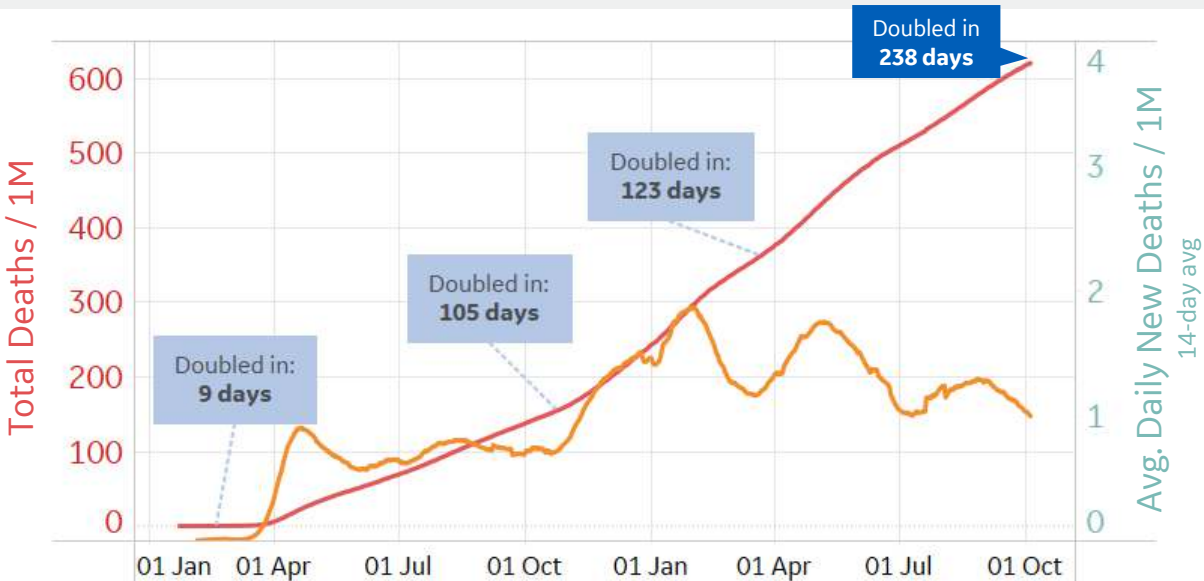
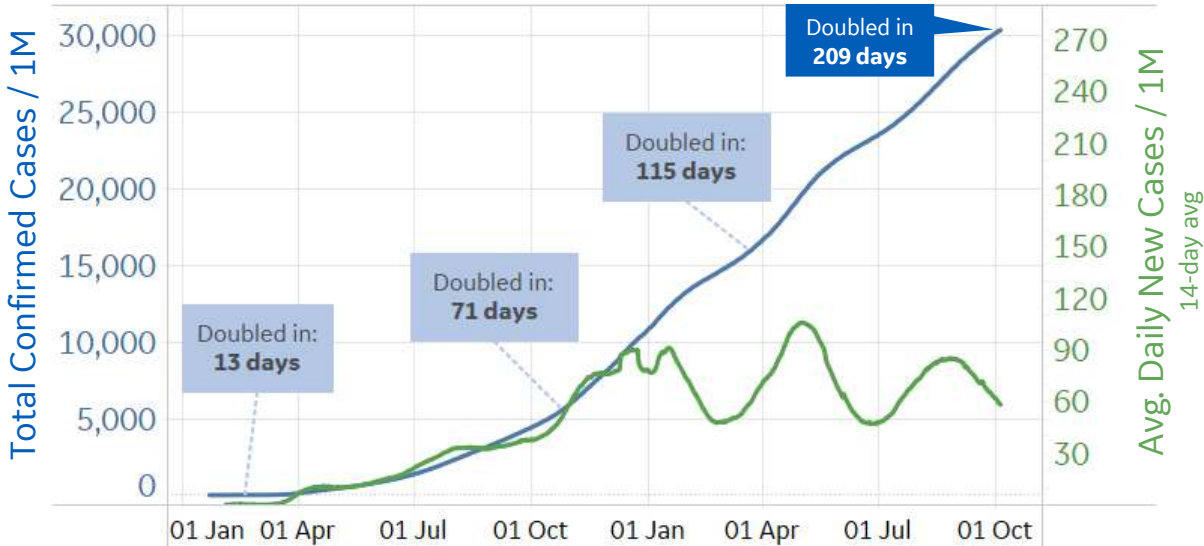




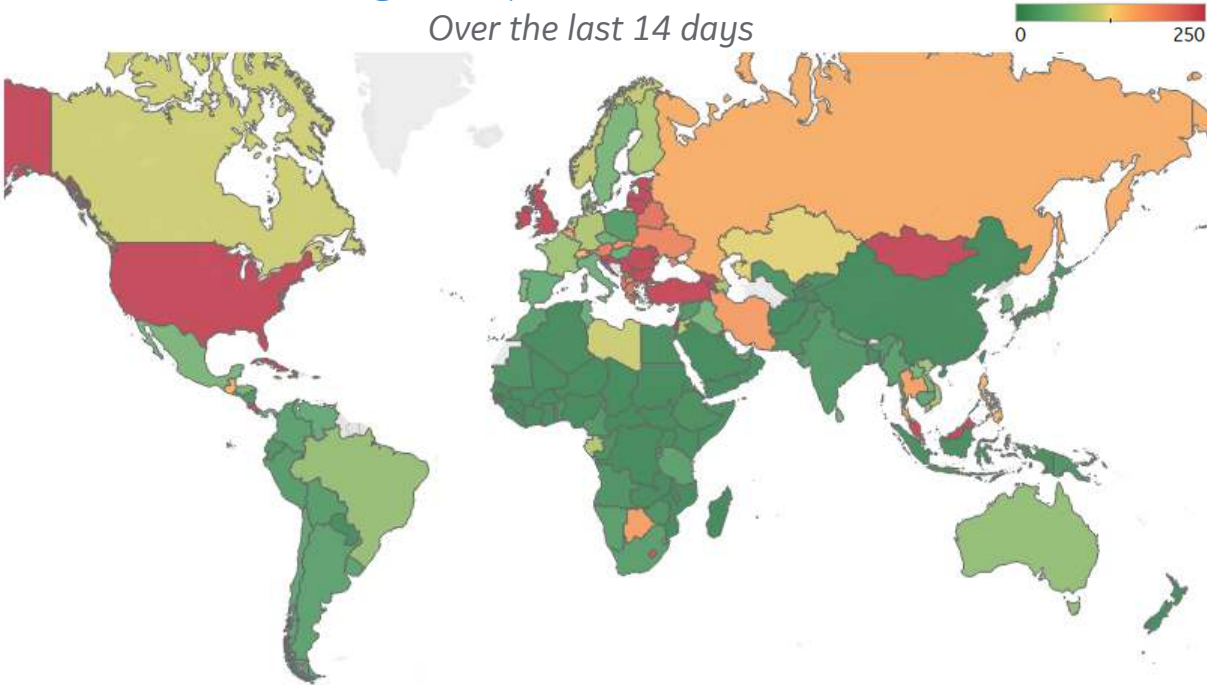
Global Confirmed Cases & Deaths

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	58	+7%
Confirmed	59	+7%
Deaths	1	+5%
Recovered	69	+8%
Worldwide Survival Rate	To Date 98.0%	Last 30 Days 98.4%

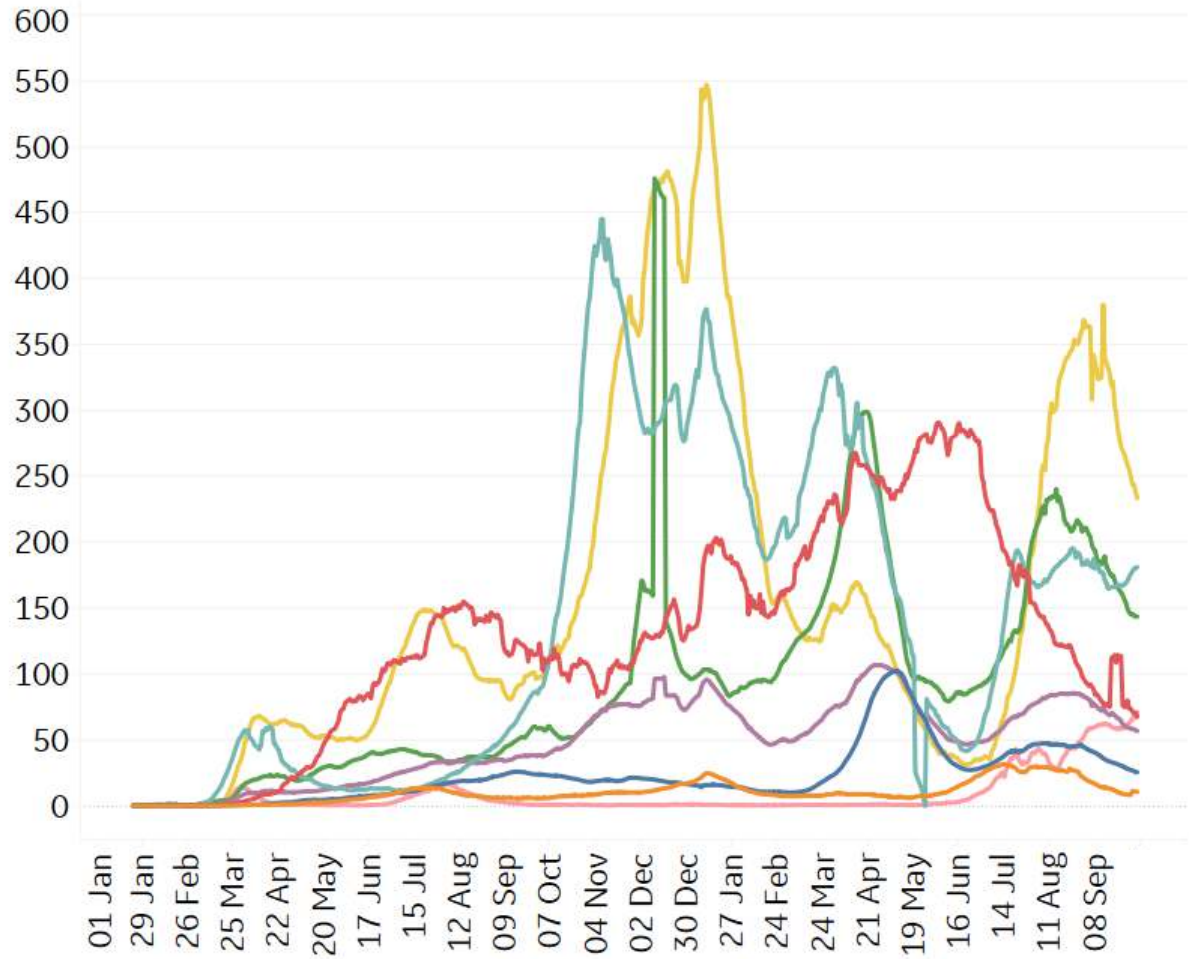
Worldwide Survival Rate = (Confirmed - Deaths) / (Confirmed) in a given time period



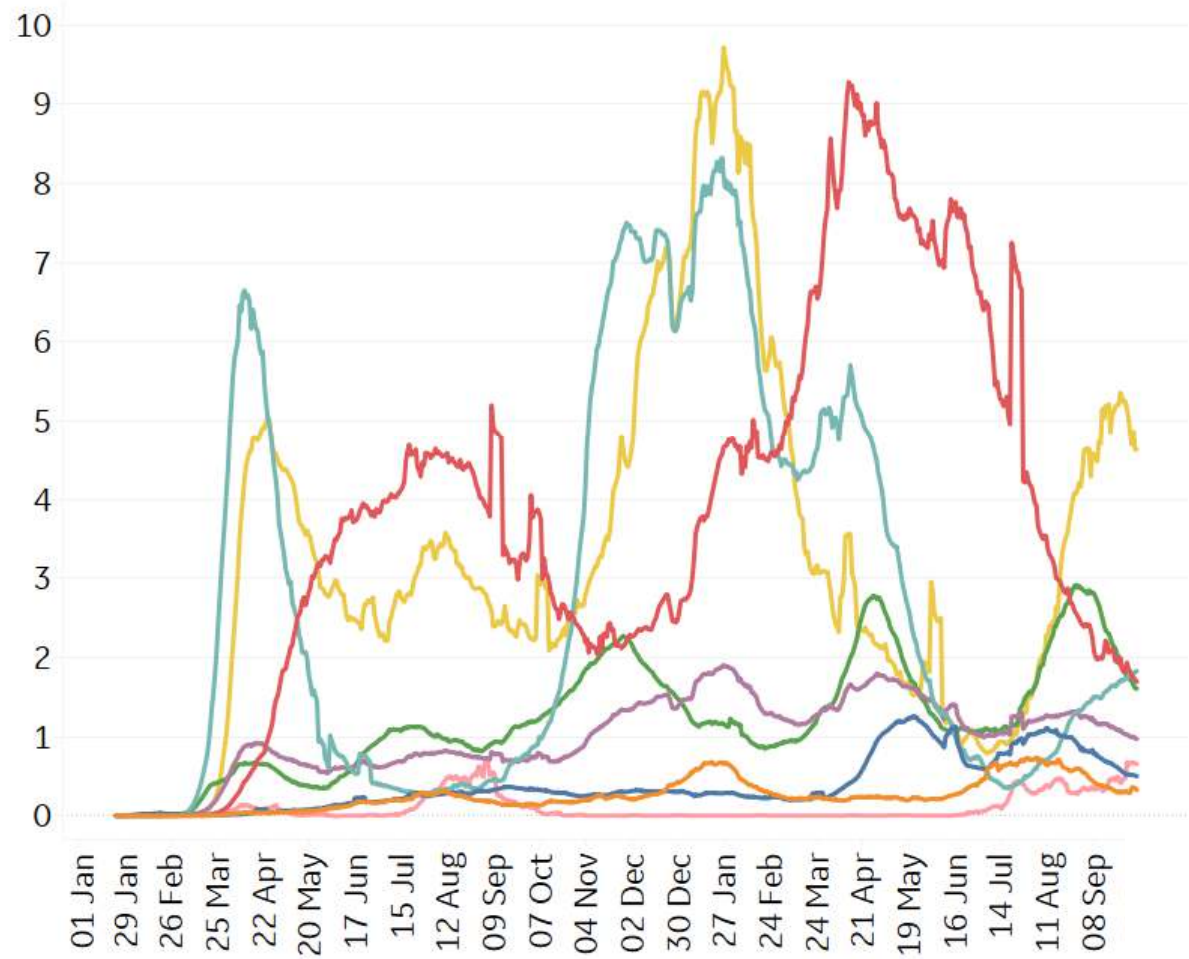
New Confirmed Cases & New Deaths

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

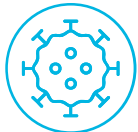
New Confirmed Cases / 1M
7-day rolling average



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
North Macedonia	182	8	92,472	86,566	3,225	-18%	-34%
Hungary	53	1	85,388	81,571	3,129	46%	42%
Bulgaria	276	12	73,225	66,681	3,053	11%	3%
Czechia	60	0	158,195	154,626	2,846	37%	88%
Brazil	75	2	101,047	97,147	2,814	-34%	1%
Argentina	28	1	116,398	113,420	2,551	-43%	-59%
Colombia	30	1	97,542	94,645	2,485	-7%	-16%
Slovakia	200	2	76,243	71,478	2,322	98%	368%
Georgia	411	8	155,075	147,113	2,273	-24%	-30%
Belgium	166	1	108,015	103,476	2,212	-4%	20%
Slovenia	421	3	142,420	134,294	2,204	-7%	66%
Italy	51	1	77,465	74,550	2,168	-29%	-9%
US	317	5	132,483	125,658	2,125	-29%	-2%
Croatia	307	3	99,608	93,432	2,116	17%	23%
UK	493	2	117,437	108,466	2,024	5%	-10%
Poland	30	0	76,930	74,580	2,000	74%	90%
Chile	37	0	86,694	84,235	1,962	53%	-49%
Lithuania	623	8	124,356	114,465	1,869	59%	40%
Spain	42	1	106,201	103,711	1,851	-38%	-36%
Armenia	304	6	89,536	83,876	1,821	31%	16%
France	75	1	109,103	106,134	1,803	-37%	-26%
Portugal	58	1	105,064	102,417	1,765	-38%	-17%
Uruguay	28	0	112,058	109,878	1,744	-23%	-29%
EU	114	1	85,581	82,322	1,737	-2%	14%
Moldova	293	6	73,950	68,363	1,705	31%	70%

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
Panama	50	1	108,433	105,961	1,679	-26%	-24%
Kosovo	24	2	86,815	84,644	1,605	-84%	-77%
Sweden	60	1	114,232	111,901	1,472	-40%	12%
Latvia	533	4	85,951	78,468	1,454	86%	72%
Switzerland	128	1	97,544	94,286	1,283	-59%	4%
Costa Rica	334	6	105,596	98,969	1,275	-16%	6%
Austria	207	1	83,300	79,321	1,225	-11%	45%
Lebanon	79	1	91,745	89,404	1,224	-28%	-8%
Netherlands	103	0	119,540	117,018	1,086	-21%	-18%
Ireland	255	1	79,898	75,189	1,063	-3%	4%
Jordan	94	1	81,103	78,686	1,054	24%	-1%
Estonia	535	3	119,782	112,151	1,033	43%	62%
Botswana	71	0	76,211	72,894	1,007	-53%	-69%
Serbia	804	5	110,673	98,849	965	7%	52%
West Bank and G.	290	3	89,342	83,679	910	-28%	16%
Israel	384	3	149,442	141,785	906	-50%	-18%
Bahrain	34	0	161,779	160,436	816	-29%	N/A
Turkey	339	3	86,165	80,746	770	10%	-9%
Cuba	440	4	79,081	70,833	673	-24%	-29%
Kuwait	11	0	96,440	95,720	574	-24%	-20%
Cyprus	86	0	99,803	98,068	459	-30%	-70%
Mongolia	586	5	95,286	84,389	411	-18%	51%
UAE	25	0	74,506	73,900	213	-56%	-10%
Qatar	30	0	82,258	81,574	210	-27%	100%
Total World	57	1	30,388	28,952	621	-19%	-12%

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	50,795	615	38,104,995	36,653,871	773,517	-2%	14%
US	105,054	1,771	43,852,255	41,593,147	703,278	-29%	-2%
Brazil	16,022	500	21,478,546	20,649,515	598,152	-34%	1%
India	22,210	270	33,853,048	33,055,274	449,260	-22%	-11%
Mexico	6,919	490	3,684,242	3,293,938	279,106	-20%	-12%
Russia	23,594	863	7,500,000	6,982,389	207,056	20%	8%
Peru	798	24	2,178,939	1,968,167	199,485	-7%	-12%
Indonesia	1,543	97	4,220,206	4,050,434	142,261	-54%	-61%
UK	33,482	116	7,972,312	7,363,356	137,378	5%	-10%
Italy	3,080	47	4,683,646	4,507,448	131,068	-29%	-9%
Colombia	1,508	35	4,963,243	4,815,824	126,425	-7%	-16%
Iran	12,964	243	5,638,735	5,320,885	121,347	-31%	-39%
France	4,914	54	7,121,507	6,927,765	117,657	-37%	-26%
Argentina	1,254	47	5,260,719	5,126,111	115,283	-43%	-59%
Germany	7,986	54	4,265,001	4,061,273	93,887	-18%	30%
South Africa	1,333	86	2,906,851	2,796,315	87,819	-62%	-38%
Spain	1,966	33	4,965,399	4,849,007	86,527	-38%	-36%
Poland	1,128	18	2,911,549	2,822,604	75,695	74%	90%
Turkey	28,627	220	7,267,047	6,810,008	64,909	10%	-9%
Ukraine	9,802	179	2,572,327	2,395,239	60,634	104%	86%
Philippines	16,169	203	2,604,040	2,346,788	38,828	-23%	-27%
Romania	10,623	175	1,274,119	1,114,375	37,677	171%	137%
Chile	699	8	1,657,256	1,610,246	37,500	53%	-49%
Czechia	641	3	1,694,107	1,655,886	30,478	37%	88%
Hungary	516	8	824,876	788,001	30,230	46%	42%

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
Canada	4,058	43	1,648,942	1,561,935	28,054	-11%	37%
Pakistan	1,547	44	1,252,656	1,199,958	27,947	-41%	-38%
Bangladesh	885	22	1,558,758	1,516,647	27,591	-46%	-45%
Malaysia	10,921	152	2,285,640	2,085,416	26,759	-31%	-43%
Belgium	1,928	9	1,251,857	1,199,253	25,632	-4%	20%
Tunisia	390	20	708,203	675,466	24,934	-69%	-40%
Iraq	2,203	36	2,011,634	1,956,020	22,392	-40%	-26%
Vietnam	6,844	155	813,961	675,899	19,845	-26%	-35%
Netherlands	1,761	5	2,048,308	2,005,089	18,603	-21%	-18%
Portugal	590	6	1,071,307	1,044,320	18,000	-38%	-17%
Japan	1,365	35	1,706,525	1,662,557	17,771	-73%	-37%
Thailand	10,777	106	1,647,362	1,472,075	17,111	-19%	-32%
Kazakhstan	2,084	45	970,616	922,886	16,179	-33%	-37%
Greece	2,192	33	663,433	617,952	14,956	-2%	-21%
Sweden	607	7	1,153,655	1,130,114	14,868	-40%	12%
Morocco	837	22	935,560	906,019	14,355	-56%	-51%
Nepal	805	10	798,004	774,367	11,174	-16%	-34%
Switzerland	1,104	6	844,209	816,008	11,103	-59%	4%
Austria	1,861	8	750,229	714,400	11,034	-11%	45%
Jordan	958	8	827,504	802,848	10,753	24%	-1%
Serbia	7,027	48	966,989	863,680	8,430	7%	52%
Israel	3,324	23	1,293,498	1,227,221	7,843	-50%	-18%
Cuba	4,989	48	895,719	802,293	7,618	-24%	-29%
UAE	245	1	736,897	730,900	2,103	-56%	-10%
Total World	438,712	7,509	235,408,082	224,281,374	4,809,149	-19%	-12%

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

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	293	10	164,903	156,717	3,255	-37%	-31%
New Jersey	201	2	130,697	124,672	3,095	-14%	14%
Louisiana	186	7	159,962	153,761	3,017	-54%	-28%
Alabama	314	13	163,450	154,561	2,951	-39%	59%
New York	248	2	125,703	119,341	2,853	-2%	19%
Arizona	357	6	151,749	144,076	2,767	-1%	21%
Massachusetts	202	2	118,527	112,714	2,707	-29%	21%
Rhode Island	257	1	163,643	157,177	2,684	-29%	-33%
Florida	248	10	168,552	161,706	2,590	-48%	-33%
Arkansas	243	6	165,106	158,294	2,569	-38%	-34%
Georgia	327	11	149,740	142,221	2,491	-48%	1%
S. Carolina	475	14	168,453	158,789	2,467	-39%	26%
South Dakota	429	5	164,853	156,266	2,442	-17%	69%
Connecticut	120	2	109,995	105,781	2,426	-40%	176%
Indiana	378	6	144,390	136,480	2,343	-39%	5%
Nevada	265	7	137,720	131,529	2,334	-33%	4%
Pennsylvania	383	4	113,214	105,718	2,307	7%	43%
New Mexico	327	4	121,887	115,129	2,300	-14%	-2%
Texas	313	9	141,163	133,916	2,278	-40%	10%
Oklahoma	336	8	156,447	148,882	2,262	-44%	16%
Michigan	399	4	117,078	109,678	2,253	10%	30%
Tennessee	432	8	181,284	172,111	2,243	-60%	7%
Illinois	216	2	129,263	123,995	2,171	-35%	-24%
North Dakota	820	3	175,921	163,194	2,170	27%	64%
West Virginia	764	16	137,011	123,129	2,103	-16%	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

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
Kansas	327	2	142,100	135,316	2,085	-38%	-45%
Iowa	449	4	144,396	135,552	2,080	-6%	72%
Delaware	460	4	138,621	130,134	2,025	0%	79%
Kentucky	638	10	156,769	145,339	1,993	-36%	15%
Missouri	253	4	135,376	129,655	1,957	-23%	13%
Ohio	492	0	122,675	113,767	1,905	-14%	-78%
Montana	828	7	143,602	130,352	1,892	2%	78%
California	172	2	120,130	115,957	1,758	-29%	-7%
Maryland	202	2	88,878	84,316	1,735	6%	30%
Wyoming	751	10	158,925	146,007	1,721	-22%	30%
DC	206	1	87,554	82,728	1,669	-39%	0%
Idaho	726	15	146,306	134,625	1,669	-1%	23%
N. Carolina	391	7	134,524	126,772	1,594	-41%	-12%
Wisconsin	496	3	140,961	132,390	1,534	20%	25%
Virginia	322	5	102,758	96,448	1,512	-17%	56%
Minnesota	465	3	127,371	119,826	1,471	20%	40%
Colorado	327	3	117,848	112,149	1,324	-3%	23%
Nebraska	341	2	138,741	132,009	1,255	1%	133%
New Hampshire	483	1	89,765	83,780	1,092	-1%	-16%
Washington	348	5	87,701	81,509	1,025	-26%	-8%
Utah	429	3	160,173	153,286	920	-23%	1%
Oregon	352	4	79,420	73,342	906	-26%	-29%
Alaska	1,220	5	161,222	139,283	791	31%	304%
Maine	454	1	68,046	61,660	763	29%	-5%
Hawaii	194	5	56,730	53,042	573	-42%	10%
Vermont	270	3	55,147	50,387	518	0%	56%

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	6,809	96	4,746,601	4,581,723	69,449	-29%	-7%
Texas	9,073	265	4,093,140	3,883,008	66,044	-40%	10%
Florida	5,328	222	3,620,106	3,473,079	55,619	-48%	-33%
New York	4,821	42	2,445,371	2,321,604	55,498	-2%	19%
Pennsylvania	4,903	54	1,449,368	1,353,402	29,531	7%	43%
Illinois	2,743	31	1,638,003	1,571,248	27,509	-35%	-24%
New Jersey	1,789	20	1,160,878	1,107,363	27,488	-14%	14%
Georgia	3,474	118	1,589,857	1,510,022	26,445	-48%	1%
Michigan	3,981	37	1,169,238	1,095,343	22,503	10%	30%
Ohio	5,752	1	1,433,957	1,329,831	22,273	-14%	-78%
Arizona	2,601	46	1,104,535	1,048,686	20,137	-1%	21%
Massachusetts	1,395	15	816,950	776,884	18,659	-29%	21%
N. Carolina	4,096	69	1,410,902	1,329,597	16,719	-41%	-12%
Indiana	2,548	43	972,067	918,813	15,773	-39%	5%
Tennessee	2,947	53	1,238,023	1,175,373	15,316	-60%	7%
Alabama	1,540	64	801,428	757,840	14,471	-39%	59%
Louisiana	864	33	743,631	714,804	14,027	-54%	-28%
Virginia	2,748	45	877,090	823,232	12,908	-17%	56%
S. Carolina	2,447	70	867,315	817,558	12,702	-39%	26%
Missouri	1,553	28	830,859	795,749	12,013	-23%	13%
Maryland	1,223	14	537,327	509,745	10,491	6%	30%
Mississippi	872	30	490,777	466,412	9,688	-37%	-31%
Oklahoma	1,331	33	619,056	589,123	8,949	-44%	16%
Wisconsin	2,890	17	820,739	770,833	8,934	20%	25%
Kentucky	2,848	47	700,393	649,325	8,906	-36%	15%

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
Connecticut	427	8	392,163	377,138	8,650	-40%	176%
Minnesota	2,623	15	718,327	675,776	8,294	20%	40%
Washington	2,650	40	667,834	620,681	7,807	-26%	-8%
Arkansas	734	17	498,257	477,700	7,752	-38%	-34%
Colorado	1,884	18	678,655	645,839	7,626	-3%	23%
Nevada	818	20	424,200	405,129	7,188	-33%	4%
Iowa	1,416	11	455,579	427,676	6,563	-6%	72%
Kansas	954	7	413,982	394,219	6,074	-38%	-45%
New Mexico	686	8	255,577	241,406	4,823	-14%	-2%
Oregon	1,486	16	334,971	309,338	3,823	-26%	-29%
West Virginia	1,368	29	245,544	220,666	3,769	-16%	25%
Idaho	1,297	27	261,459	240,583	2,982	-1%	23%
Utah	1,376	8	513,509	491,427	2,951	-23%	1%
Rhode Island	272	2	173,357	166,507	2,843	-29%	-33%
Nebraska	660	3	268,381	255,360	2,427	1%	133%
South Dakota	379	4	145,839	138,242	2,160	-17%	69%
Montana	885	7	153,479	139,317	2,022	2%	78%
Delaware	448	4	134,984	126,720	1,972	0%	79%
North Dakota	625	2	134,063	124,364	1,654	27%	64%
New Hampshire	657	2	122,054	113,916	1,485	-1%	-16%
DC	146	1	61,791	58,385	1,178	-39%	0%
Maine	611	2	91,468	82,884	1,026	29%	-5%
Wyoming	435	6	91,979	84,503	996	-22%	30%
Hawaii	274	8	80,323	75,100	811	-42%	10%
Alaska	893	4	117,941	101,892	579	31%	304%
Vermont	169	2	34,411	31,441	323	0%	56%

Sorted by Total Deaths

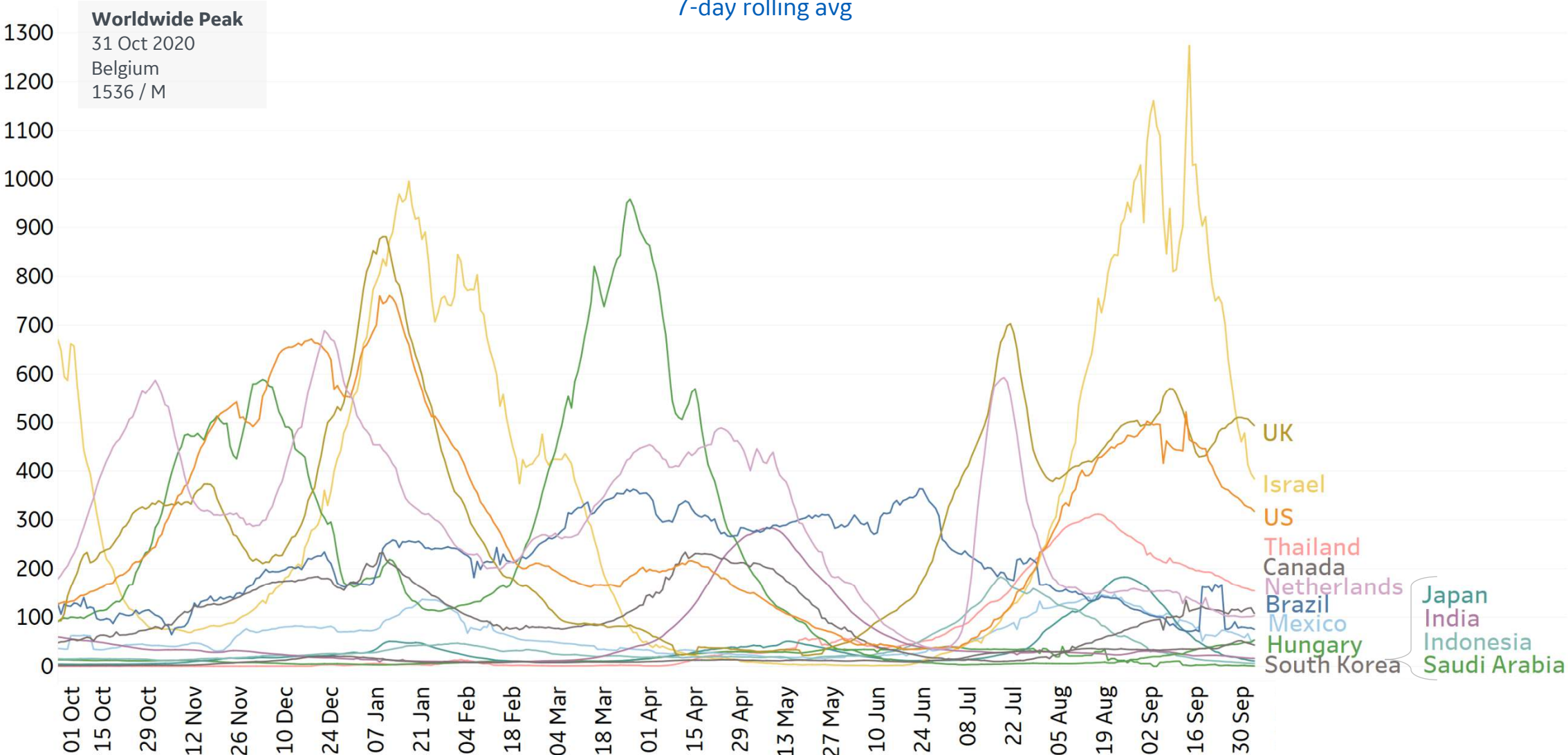


New Confirmed Cases in Select Countries

Updated 5 October 2021, 3:30 GMT

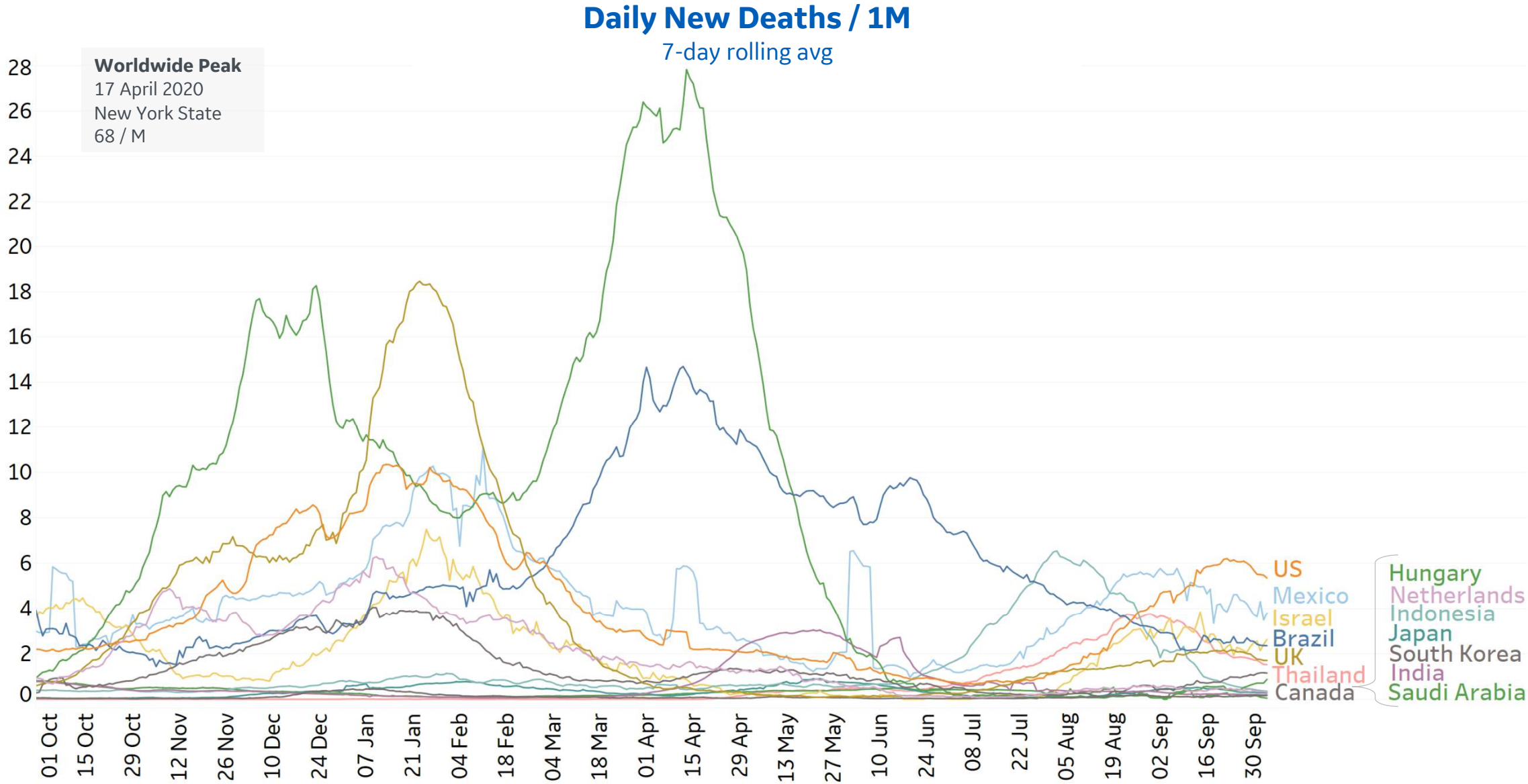
Daily New Confirmed Cases / 1M

7-day rolling avg



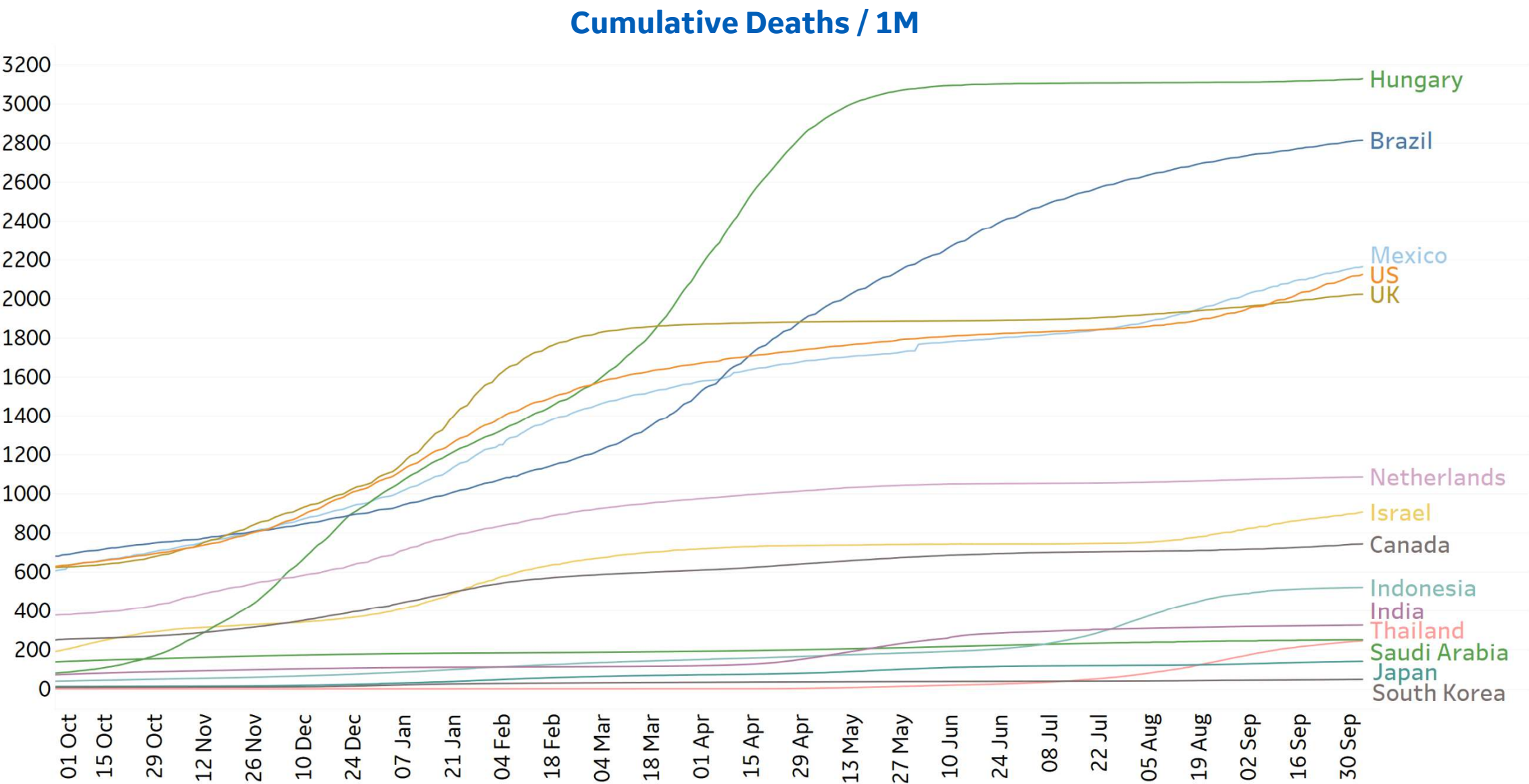


New Deaths in Select Countries





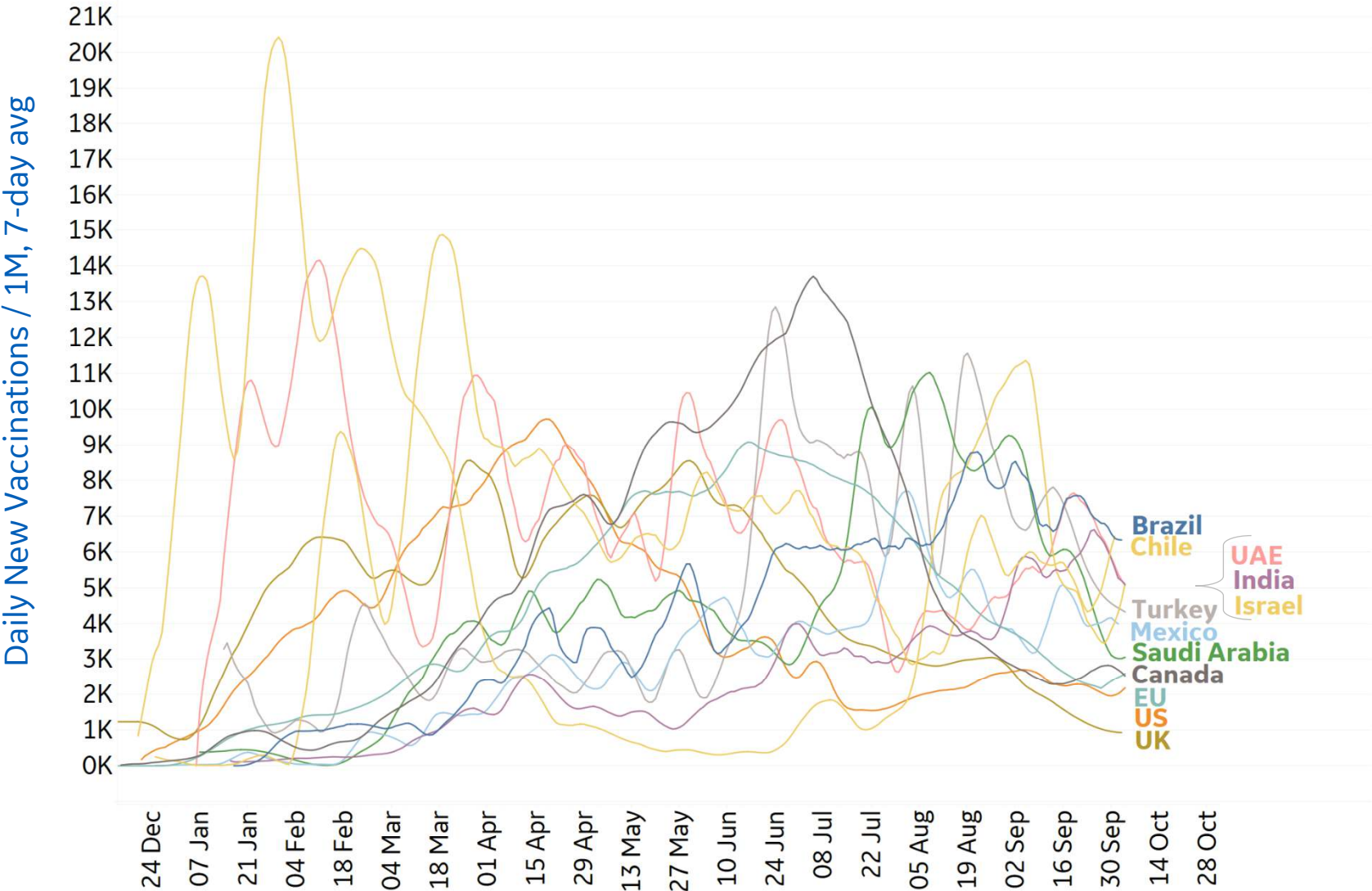
Cumulative Deaths in Select Countries





Daily & Total Vaccinations, Select Countries

Select countries with data available



	Total Vaccinations per 1M	% of Population Fully Vaccinated
UAE	2,045,263	84.2%
Israel	1,779,926	65.4%
Spain	1,502,376	78.6%
Canada	1,498,050	72.0%
France	1,459,960	68.4%
Italy	1,412,326	68.3%
UK	1,383,921	66.3%
Turkey	1,313,100	53.7%
Germany	1,290,813	64.2%
EU	1,279,504	63.4%
Saudi Arabia	1,223,591	54.9%
US	1,199,143	56.1%
Brazil	1,136,743	44.2%
India	660,201	18.0%

*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	69.7%	78.0%	623,989
Connecticut	69.1%	76.7%	3,565,287
Rhode Island	68.8%	75.7%	1,059,361
Maine	68.7%	74.4%	1,344,212
Massachusetts	68.2%	77.8%	6,892,503
New Jersey	64.7%	72.9%	8,882,190
Maryland	64.4%	71.0%	6,045,680
New York	64.2%	71.9%	19,453,561
New Mexico	63.5%	72.9%	2,096,829
New Hampshire	61.8%	70.6%	1,359,711
Oregon	61.2%	66.9%	4,217,737
Washington	61.0%	67.4%	7,614,893
Virginia	61.0%	68.8%	8,535,519
Colorado	59.7%	65.9%	5,758,736
California	59.4%	72.2%	39,512,223
Minnesota	58.4%	63.7%	5,639,632
Hawaii	58.2%	77.0%	1,415,872
Pennsylvania	58.2%	73.1%	12,801,989
Delaware	57.9%	66.6%	973,764
Florida	57.7%	67.3%	21,477,737
Wisconsin	56.8%	61.2%	5,822,434
Nebraska	54.8%	59.5%	1,934,408
Iowa	54.1%	58.2%	3,155,070
Illinois	53.8%	68.8%	12,671,821
Kentucky	52.8%	61.1%	4,467,673

54.8%

Total US population
fully vaccinated
(**547,936** per million)

64.2%

Eligible US population (12+)
fully vaccinated
(**641,611** per million)

63.5%

Total US population
having received
at least 1 dose
(**634,925** per million)

74.3%

Eligible US population (12+)
having received
at least 1 dose
(**743,472** per million)

State	% Fully Vaccinated	% Rec'd at Least 1 Dose	Population
Michigan	52.6%	57.4%	9,986,857
South Dakota	51.9%	59.5%	884,659
Texas	51.5%	59.8%	28,995,881
Kansas	51.5%	60.3%	2,913,314
Arizona	51.4%	59.6%	7,278,717
Nevada	51.1%	61.2%	3,080,156
Utah	50.9%	59.1%	3,205,958
Alaska	50.9%	57.6%	731,545
Ohio	50.5%	54.5%	11,689,100
North Carolina	50.1%	60.3%	10,488,084
Montana	48.8%	55.1%	1,068,778
Indiana	48.7%	52.5%	6,732,219
Missouri	48.3%	55.2%	6,137,428
Oklahoma	48.0%	57.0%	3,956,971
South Carolina	47.8%	55.6%	5,148,714
Arkansas	46.0%	56.0%	3,017,804
Louisiana	45.8%	52.0%	4,648,794
Georgia	45.7%	55.1%	10,617,423
Tennessee	45.6%	52.8%	6,829,174
North Dakota	44.5%	51.3%	762,062
Mississippi	43.6%	50.3%	2,976,149
Alabama	43.0%	52.9%	4,903,185
Idaho	42.0%	47.4%	1,787,065
Wyoming	41.7%	48.6%	578,759
West Virginia	40.5%	48.3%	1,792,147

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

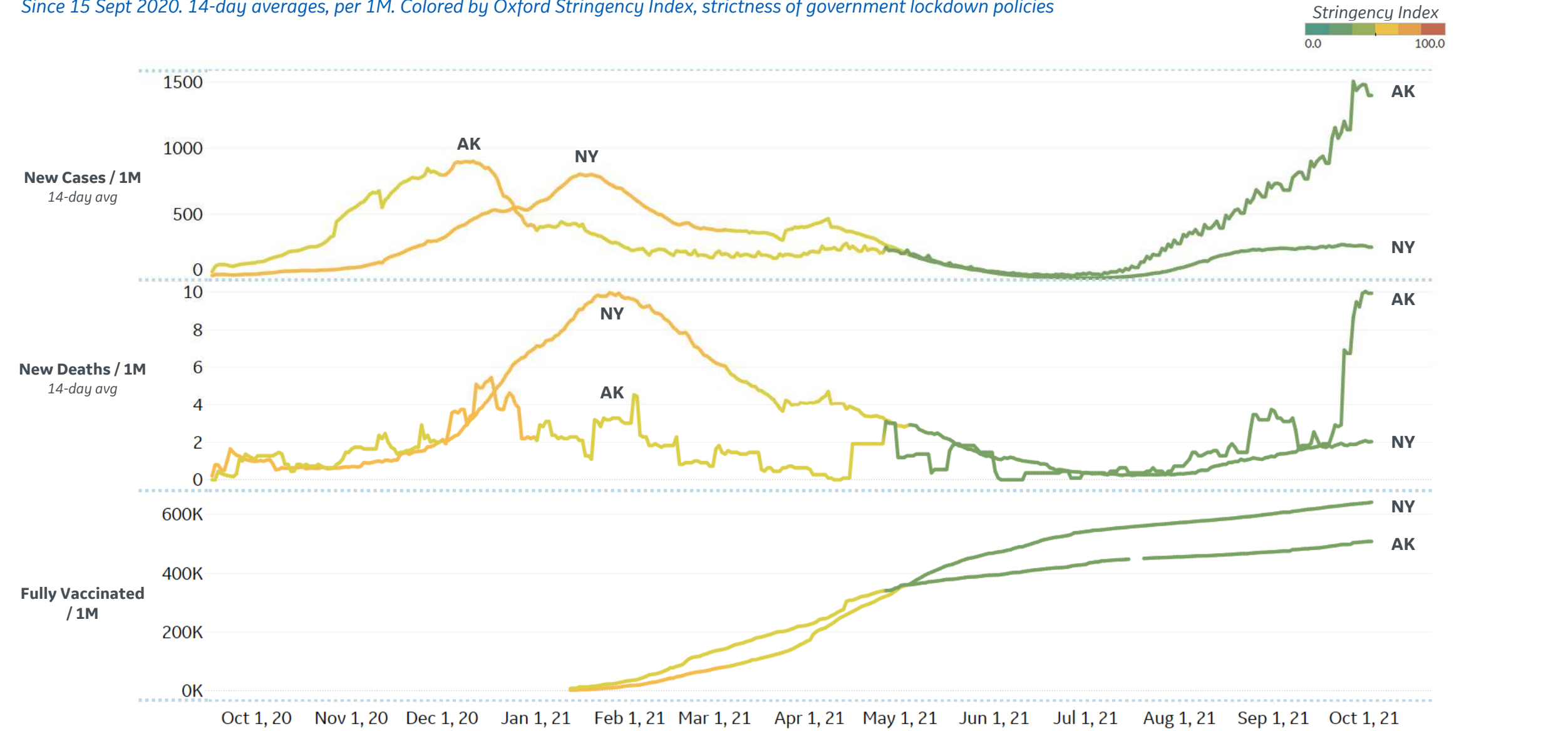


Feature: Cases, Deaths, and Vaccinations in Alaska & New York

Updated 5 October 2021, 3:30 GMT

13

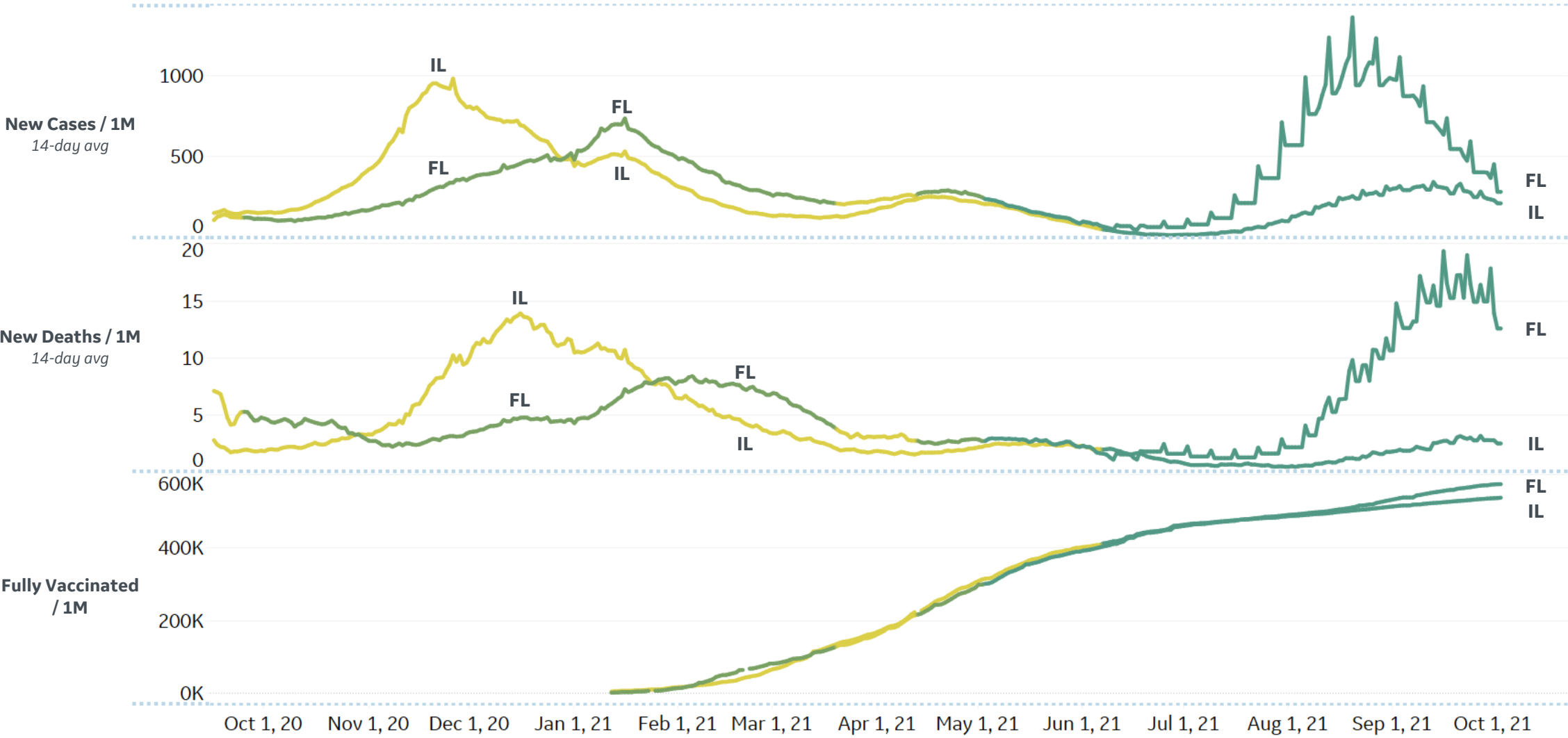
Since 15 Sept 2020. 14-day averages, per 1M. Colored by Oxford Stringency Index, strictness of government lockdown policies





Feature: Cases, Deaths, and Vaccinations in Florida & Illinois

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

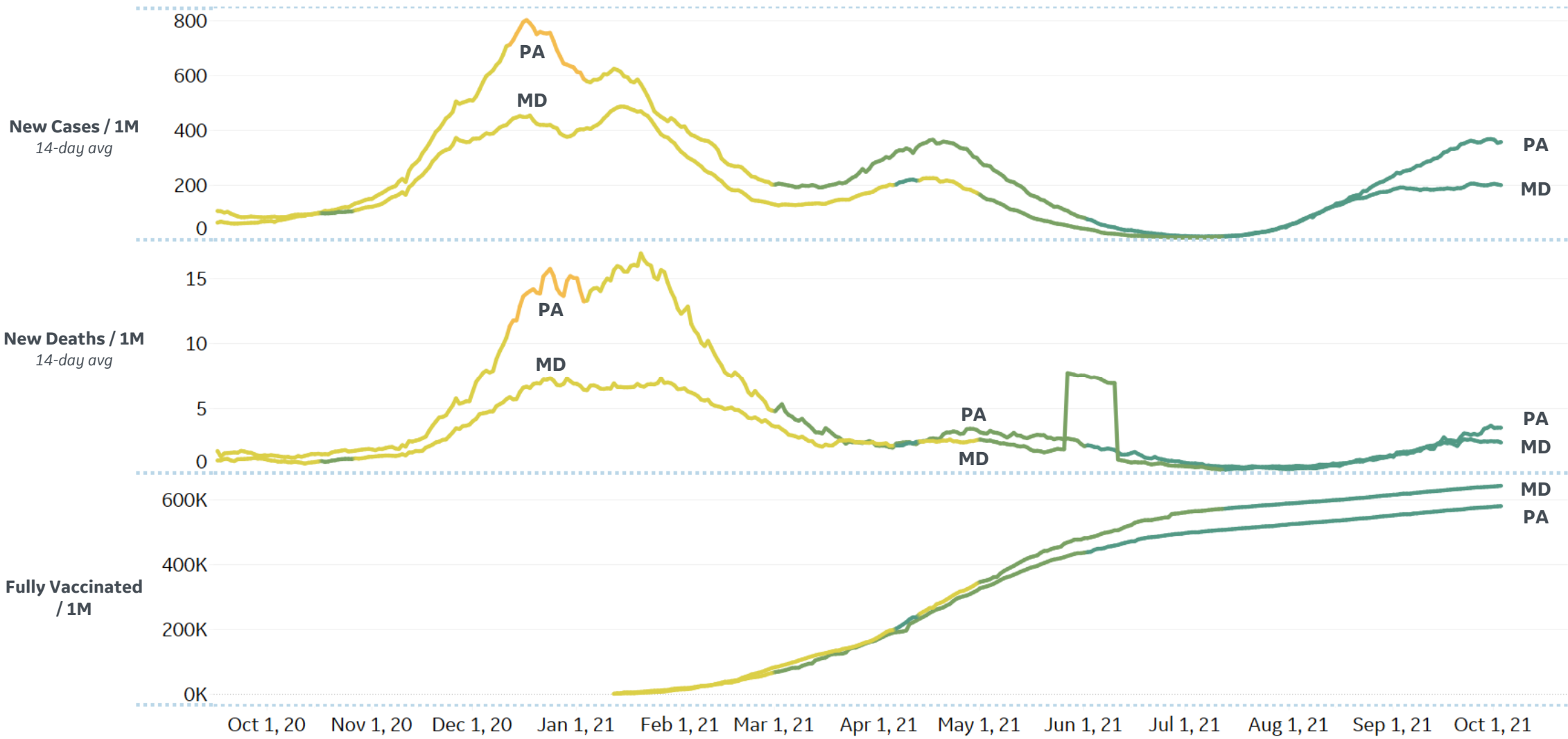




Feature: Cases, Deaths, and Vaccinations in Maryland & Pennsylvania

Updated 5 October 2021, 3:30 GMT 15

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



* New deaths in Maryland jump between May and June 2021 due to batched reporting

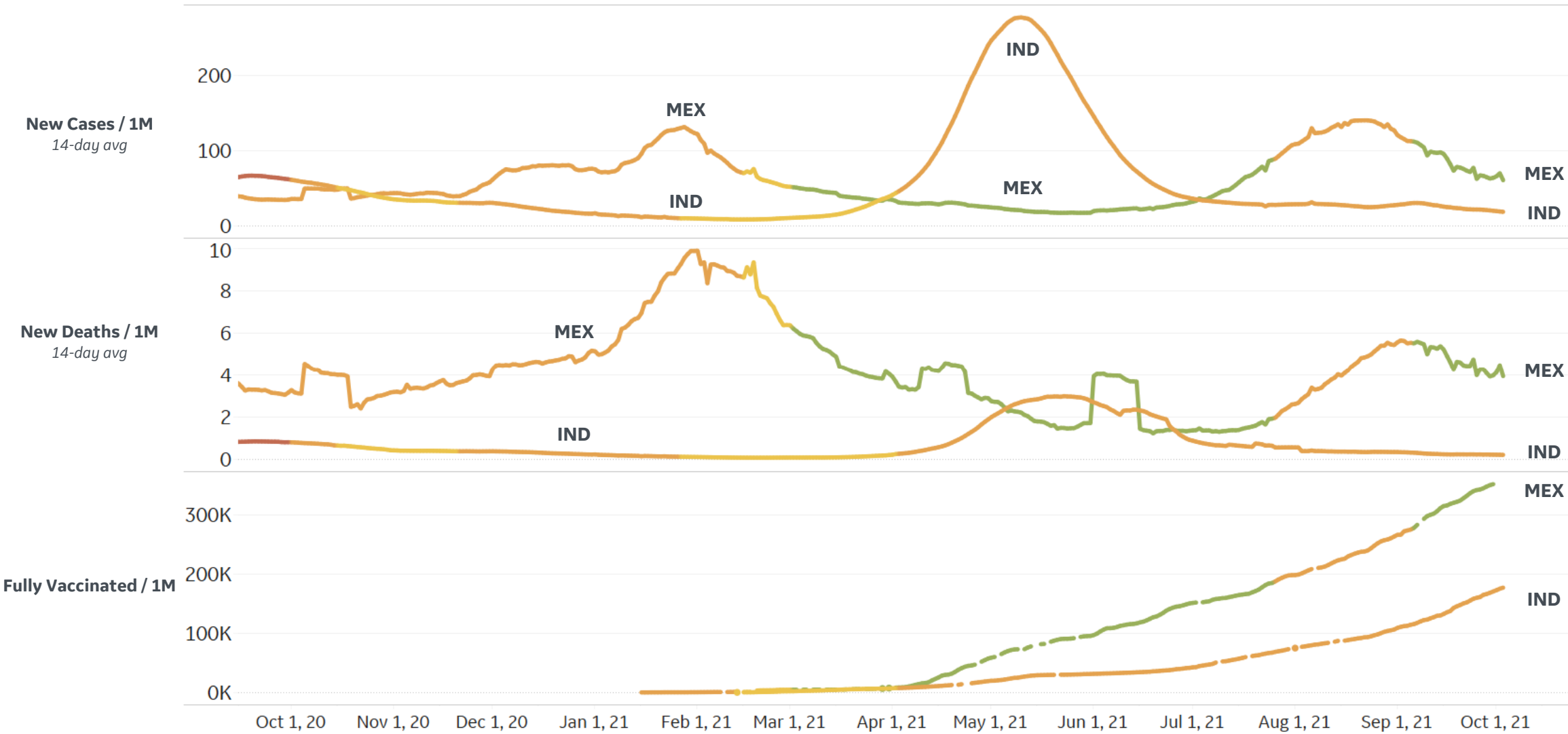


Feature: Cases, Deaths, and Vaccinations in India & Mexico

Updated 5 October 2021, 3:30 GMT

16

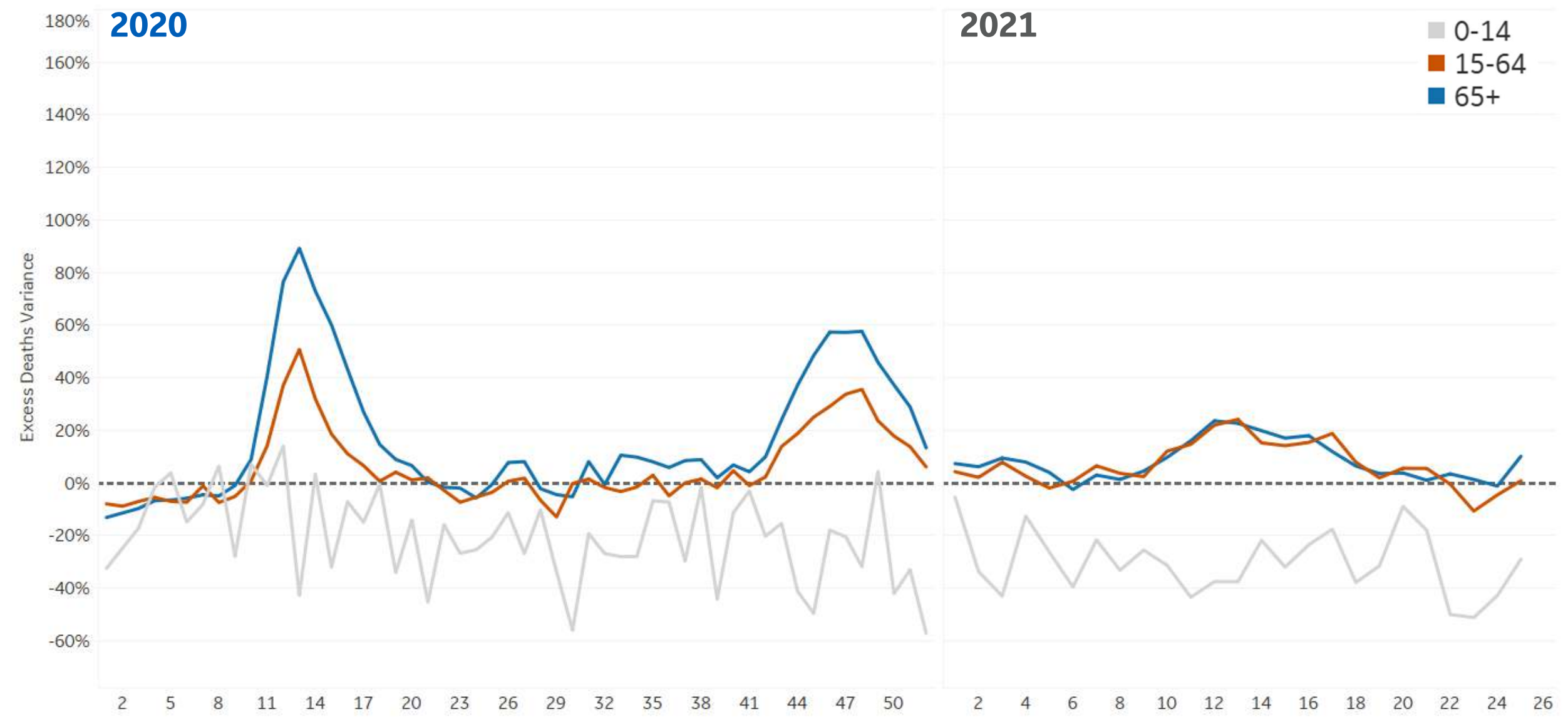
Since 15 Sept 2020. 14-day averages, per 1M. Colored by Oxford Stringency Index, strictness of government lockdown policies





Feature: Excess Deaths in Italy

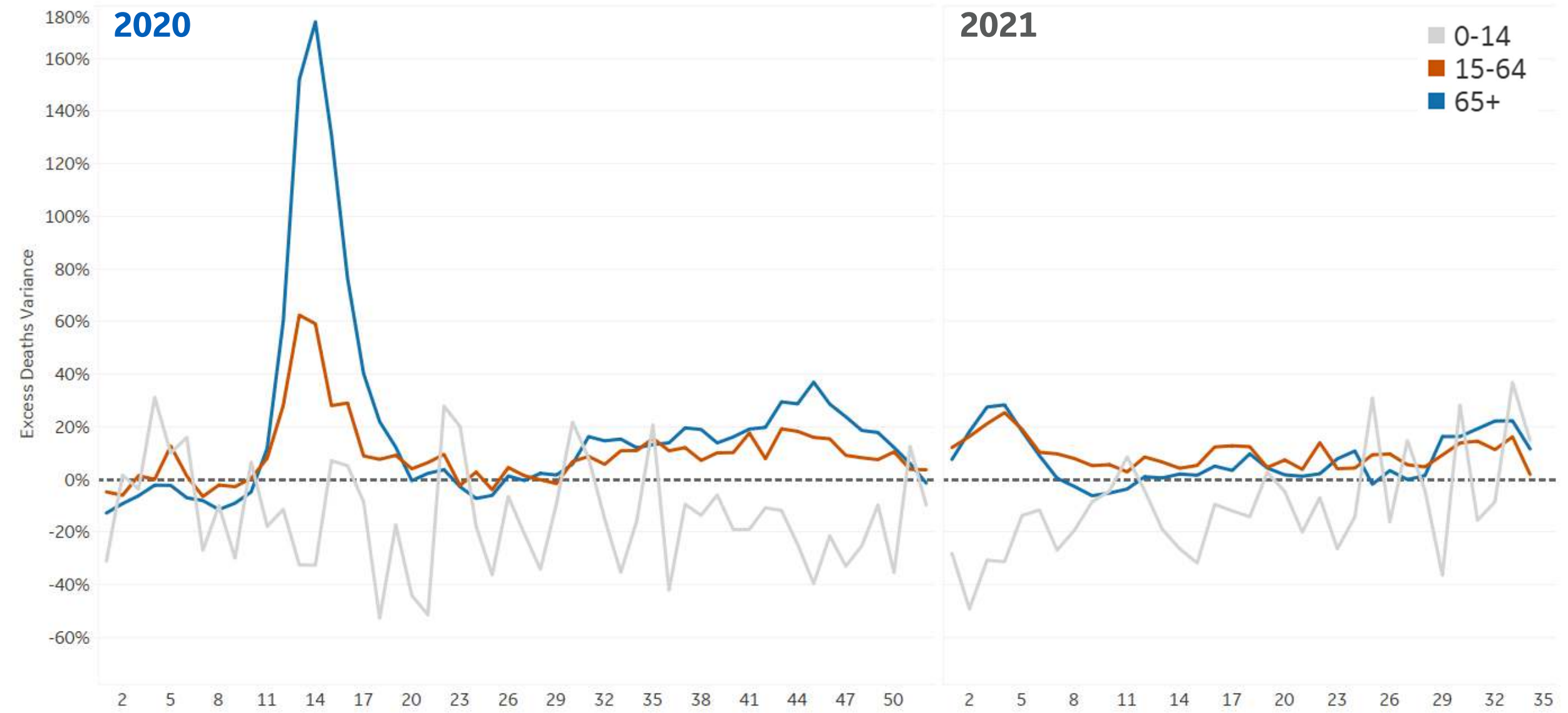
Excess Deaths Variance by Age Group compared to 2015-19 avg for same period (2021 up to **Week 25**)





Feature: Excess Deaths in Spain

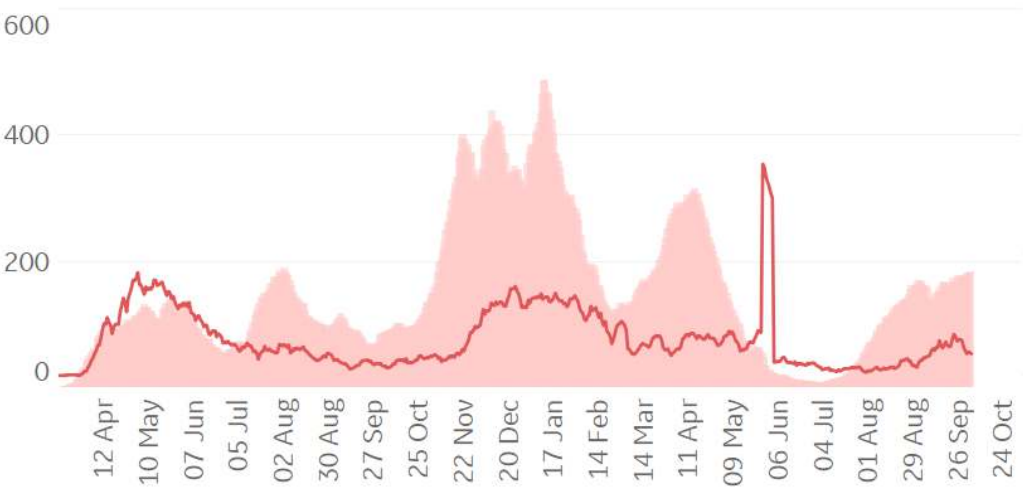
Excess Deaths Variance by Age Group compared to 2015-19 avg for same period (2021 up to **Week 34**)



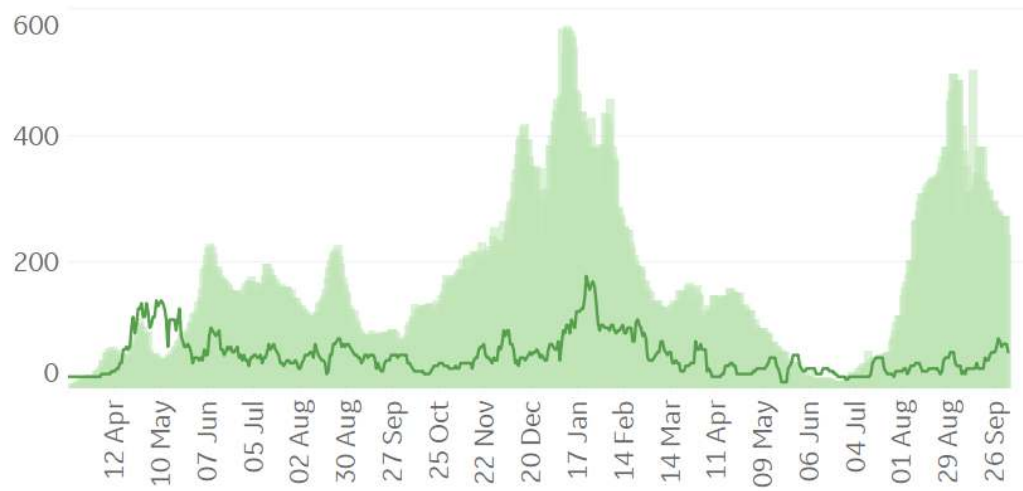


Feature: Trends in CC Ecosystem Cities

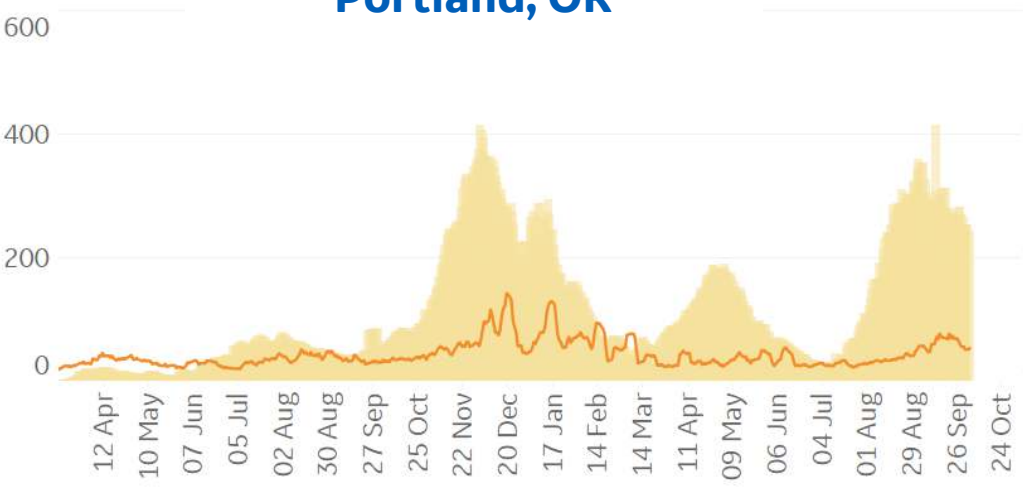
Baltimore, MD



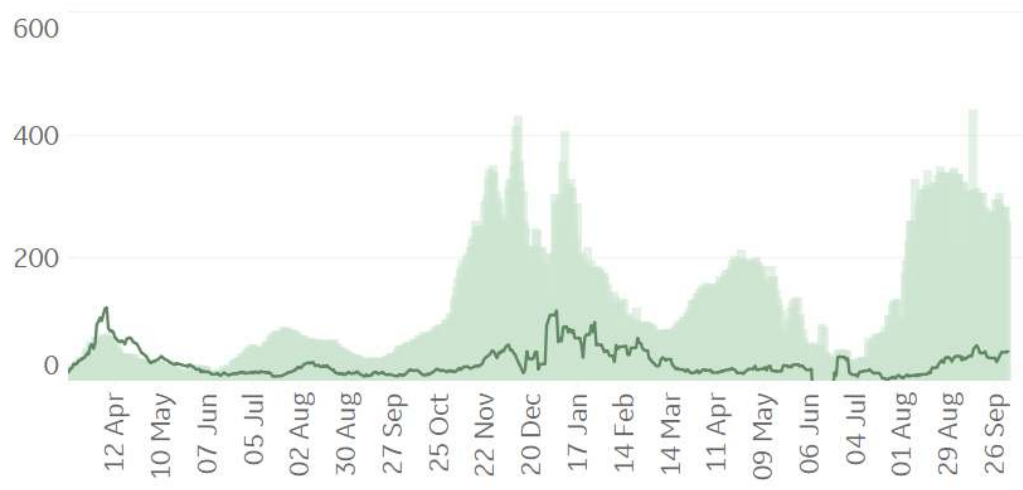
Durham, NC



Portland, OR



Seattle, WA



Daily New Confirmed Cases / 1M (Bars)

Daily New Deaths / 1M (Lines)

7-day Rolling Avg

7-day Rolling Avg

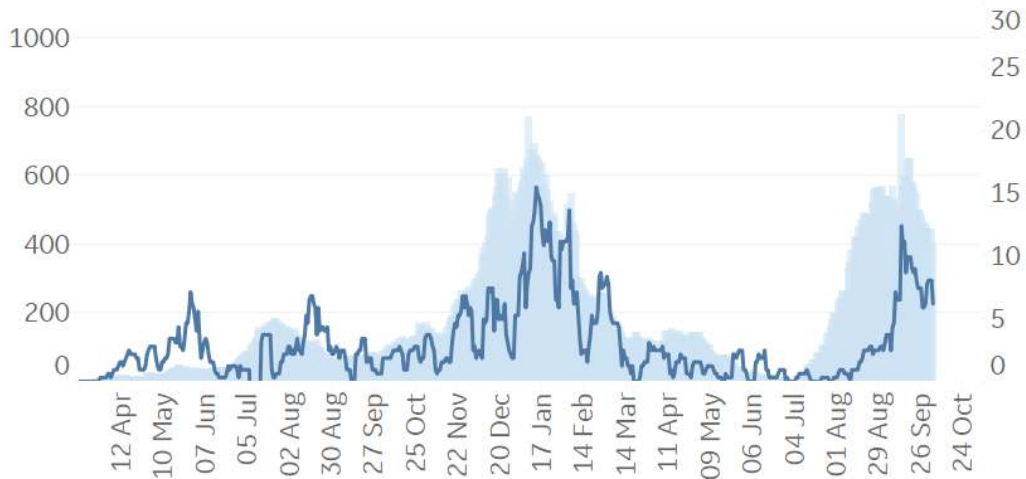


Feature: Trends in CC Ecosystem Cities

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

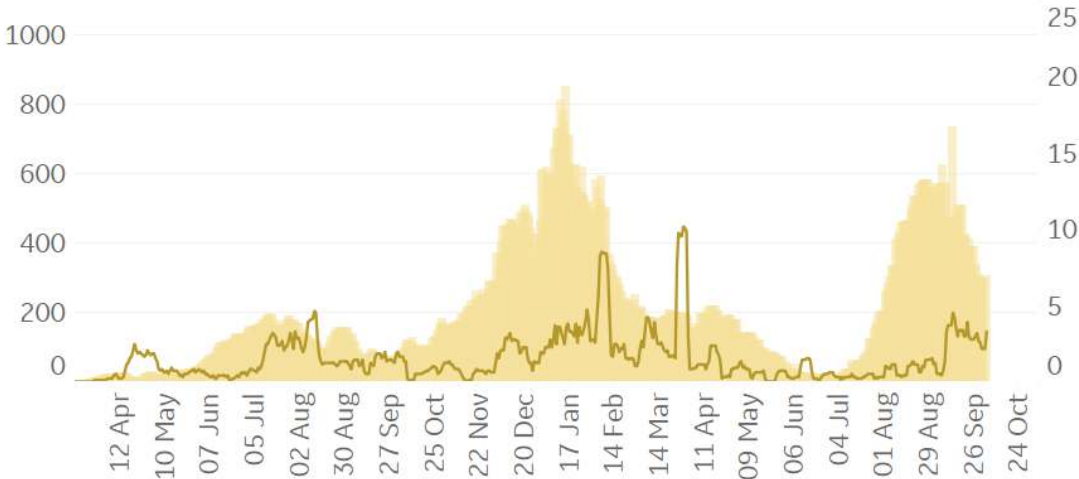
Daily New Confirmed Cases / 1M (Bars)

7-day Rolling Avg

Philadelphia, PA



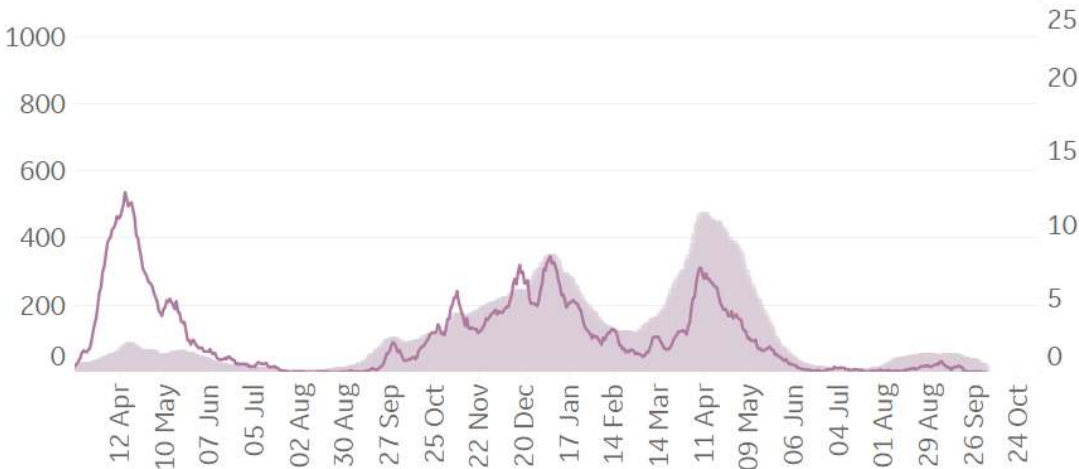
Raleigh, NC



Tampa, FL



Toronto, CA



Daily New Deaths / 1M (Lines)

7-day Rolling Avg

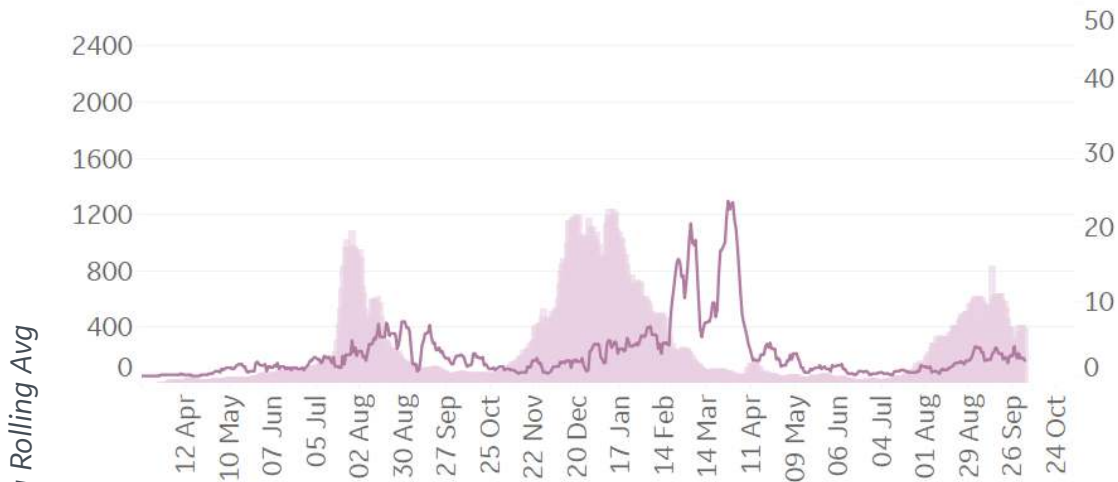
*Tampa county deaths last updated 6/6



Feature: Trends in CC Ecosystem Cities

Bakersfield, CA

Daily New Confirmed Cases / 1M (Bars)



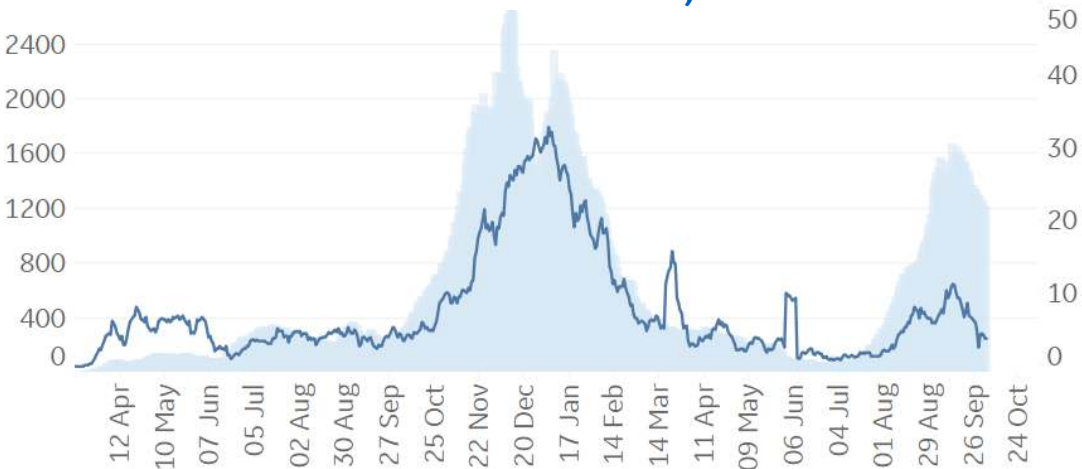
Hanford, CA



Los Angeles, CA



Cincinnati, OH



Daily New Deaths / 1M (Lines)

7-day Rolling Avg



Europe & Middle East

Updated 5 October 2021, 3:30 GMT

Per 1M in Region

	Today	Change
Active Cases	75,397	+0.2%
Confirmed	155	+0.2%
Deaths	2	+0.1%
Recovered	155	+0.2%

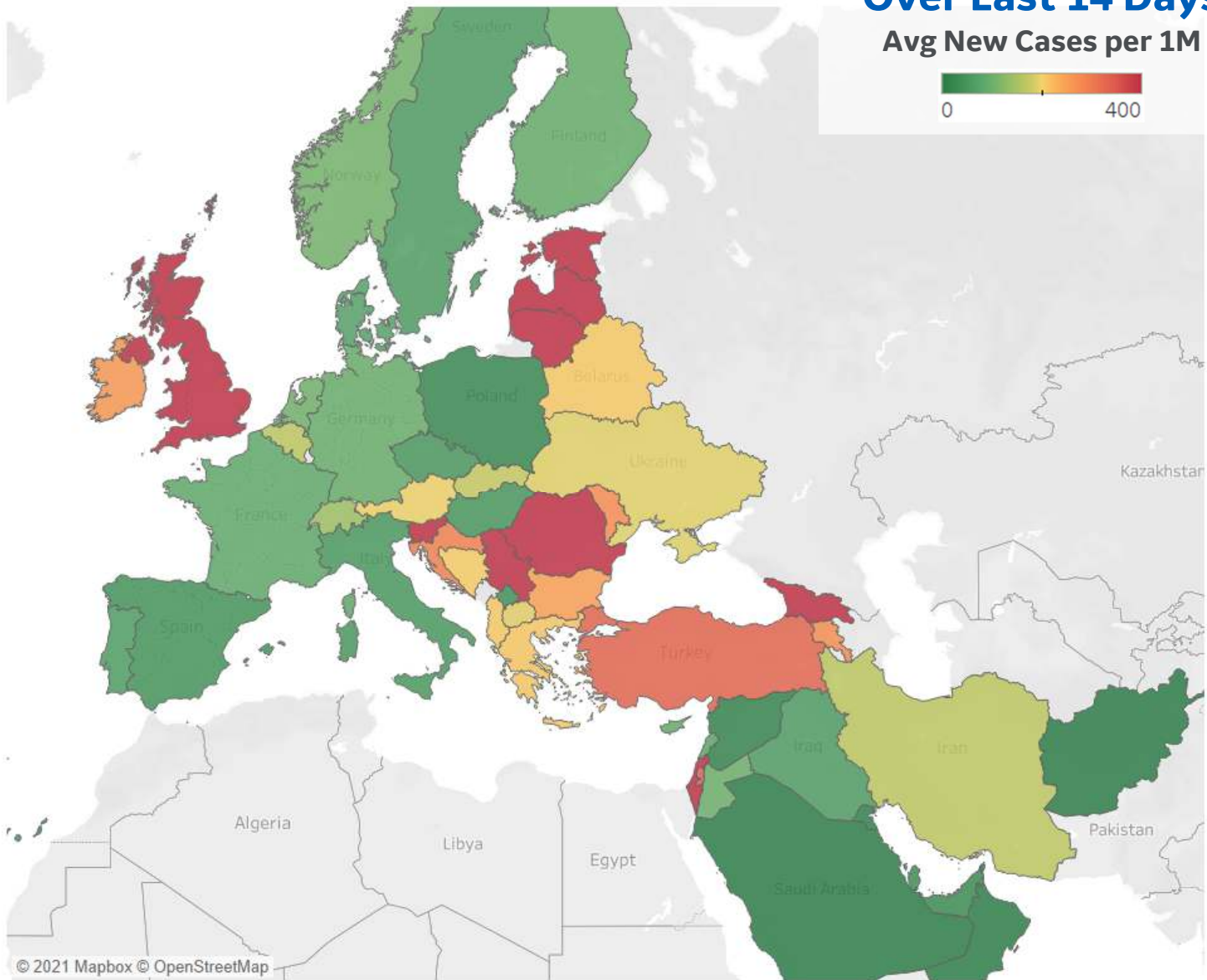
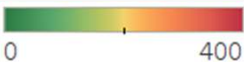
Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Serbia	776	5
Lithuania	573	7
UK	496	2
Israel	482	2
Estonia	471	2
Romania	453	8
Latvia	431	4
Slovenia	423	3
Georgia	406	9
West Bank and Gaza	340	3
Turkey	332	3
Croatia	290	3
Moldova	277	5
Armenia	274	6
Ireland	260	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





Mexico

Per 1M in Region

	Today	Change
Active Cases	26,061	+0.1%
Confirmed	23	+0.1%
Deaths	2	+0.1%
Recovered	31	+0.1%

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

	Cases	Deaths
Tabasco	225	5
Colima	207	11
Distrito Federal	188	6
Yucatán	116	6
Querétaro	98	6
Guanajuato	95	4
San Luis Potosí	86	5
Tamaulipas	83	6
Nuevo León	81	5
Morelos	77	5
Nayarit	75	6
Campeche	73	6
Sonora	67	7
Nacional	67	4
Jalisco	66	6

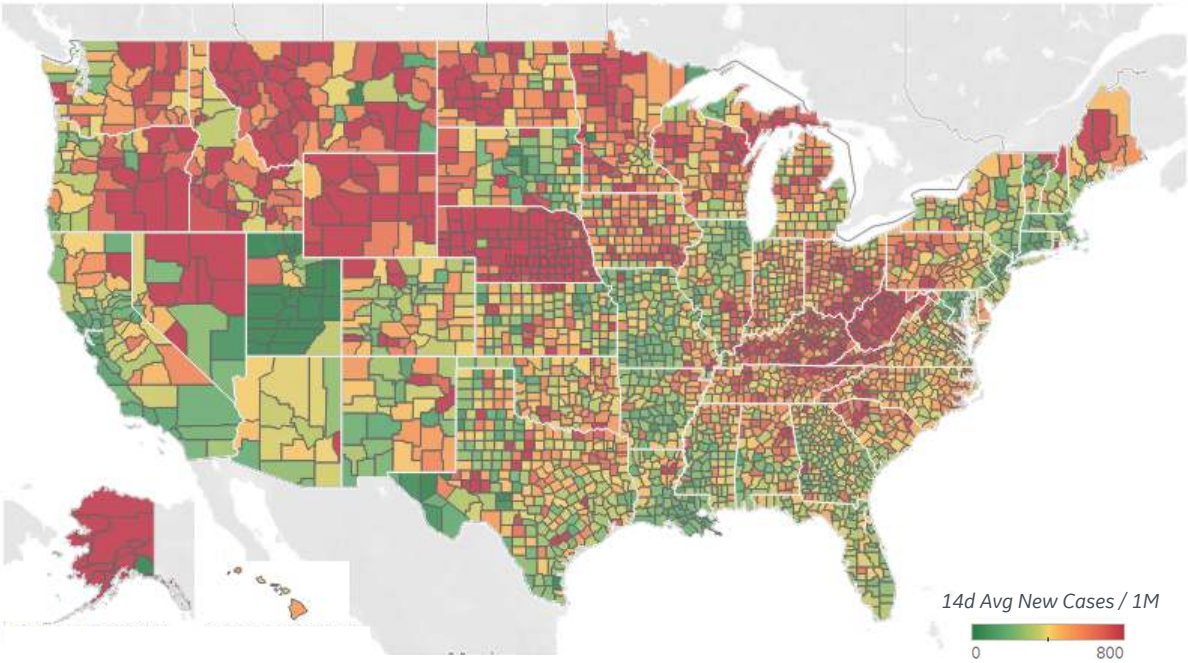
Top 15 countries selected by 14-day avg new cases per 1M
Excl. countries with population < 1M





US Counties: Recent Cases and Deaths

Average New Cases per 1M Over Last 14 Days

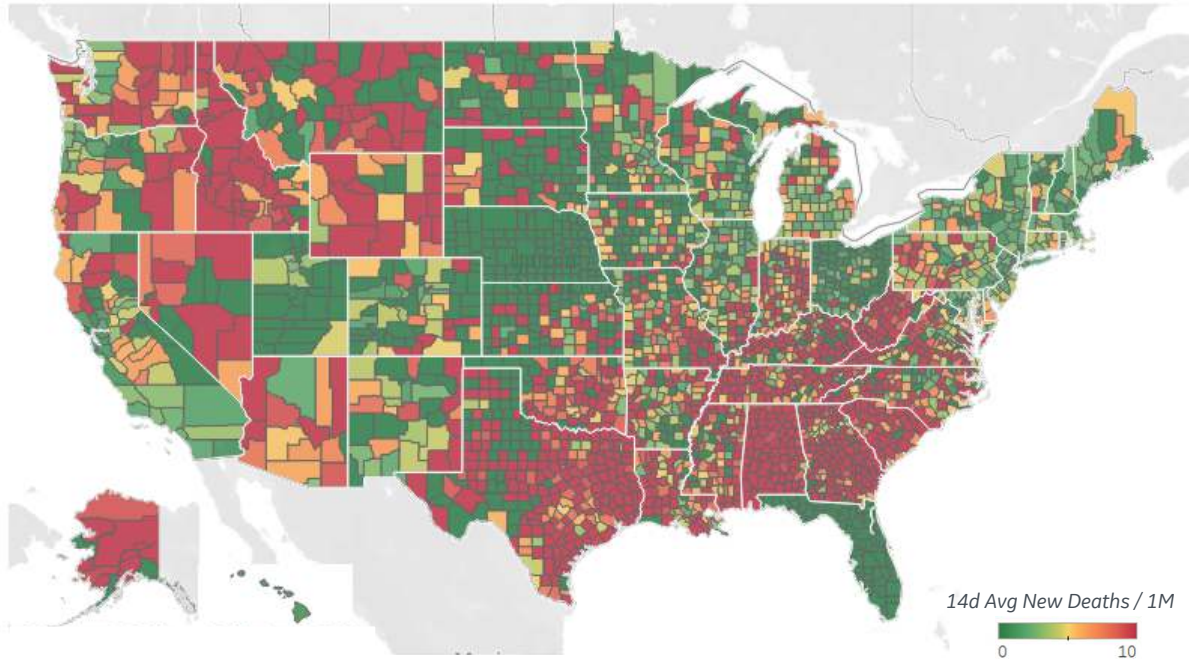


Top 10 by New Confirmed

Avg New Confirmed Cases / 1M

Lancaster County, NE	1,921
Douglas County, NE	1,508
Anchorage Municipality, AK	1,361
Ada County, ID	911
Spartanburg County, SC	690
Jefferson County, KY	638
Brown County, WI	615
Greenville County, SC	560
Polk County, IA	549
Knox County, TN	525

Average New Deaths per 1M Over Last 14 Days



Top 10 by New Deaths

Avg New Deaths/ 1M

Spartanburg County, SC	19
McLennan County, TX	18
Jefferson County, TX	17
Greenville County, SC	16
Mobile County, AL	16
Nueces County, TX	14
Montgomery County, TX	14
Horry County, SC	13
Chatham County, GA	12
Madison County, AL	11

Note: Lists includes counties ≥ 250K population

*Nebraska data not available

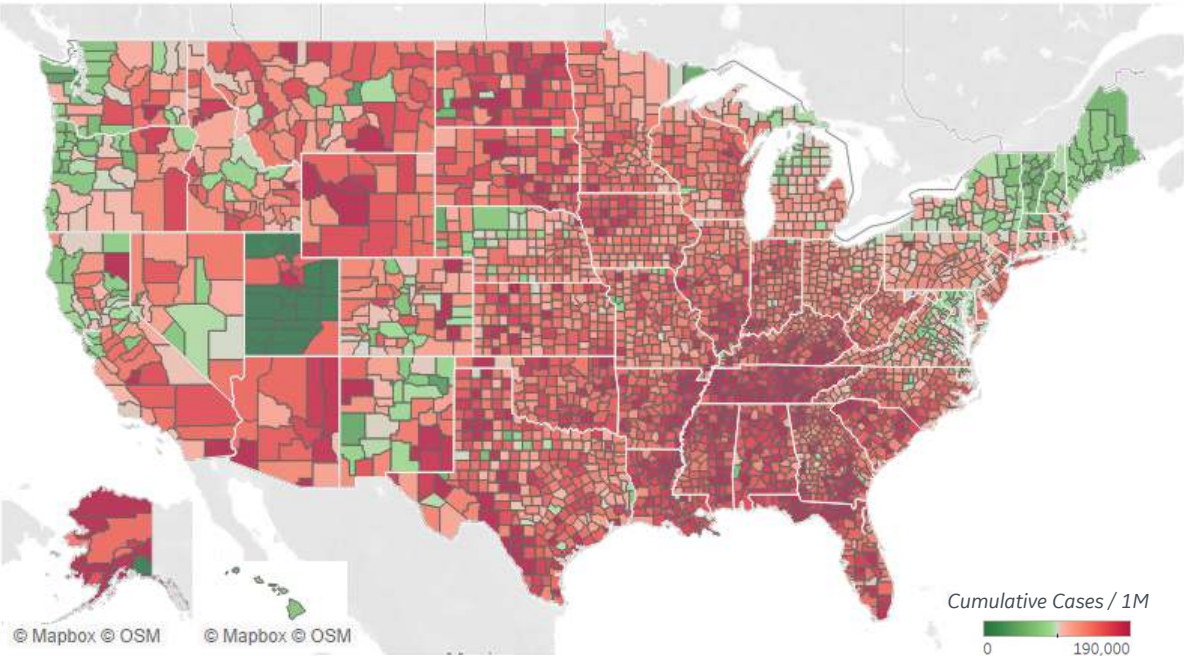


US Counties: Cumulative Cases and Deaths

Updated 5 October 2021, 3:30 GMT

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Confirmed **Cases** per 1M to date

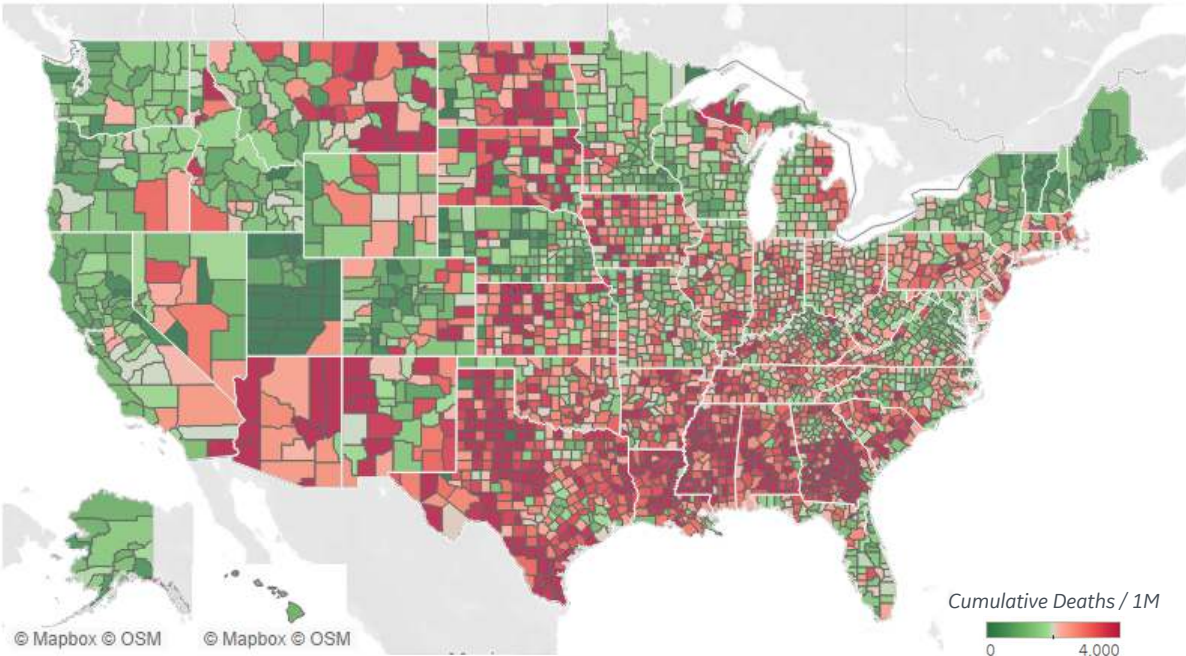


Top 10 Counties

Total Confirmed Cases / 1M

Miami-Dade County, FL	246,072
Lubbock County, TX	205,677
Webb County, TX	202,540
Greenville County, SC	193,209
Osceola County, FL	188,652
Utah County, UT	187,307
Spartanburg County, SC	186,472
Galveston County, TX	182,300
Rutherford County, TN	181,058
Nueces County, TX	180,787

Reported **Deaths** per 1M to date



Top 10 Counties

Total Reported Deaths/ 1M

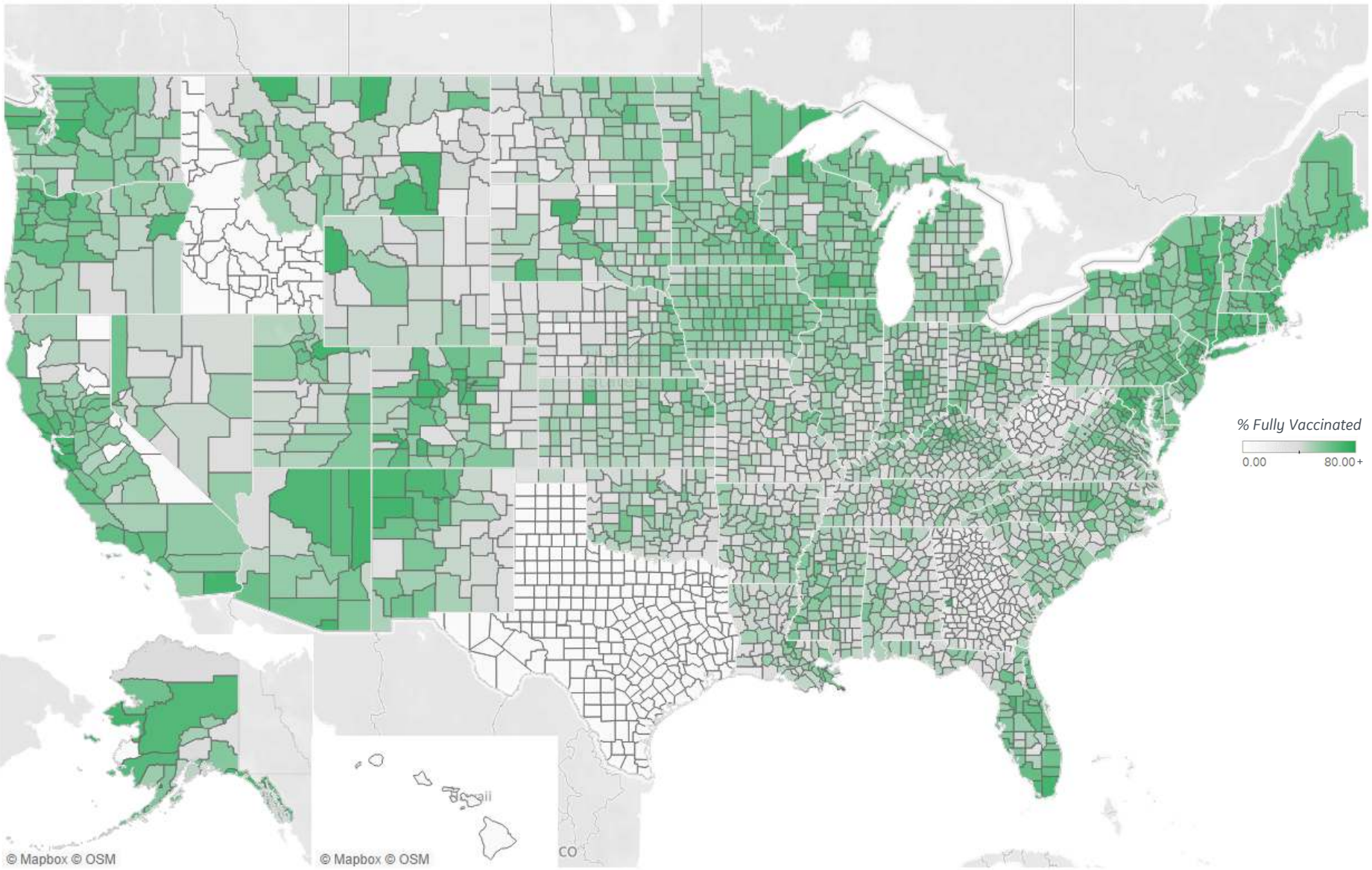
New York City*	6,393
Cameron County, TX	4,086
Passaic County, NJ	3,971
Essex County, NJ	3,915
Hidalgo County, TX	3,863
Ocean County, NJ	3,773
Union County, NJ	3,645
Hudson County, NJ	3,526
Hampden County, MA	3,482
El Paso County, TX	3,371

* New York City counties aggregated into one reporting area



US Counties: Fully Vaccinated (12+) Population

Updated 5 October 2021, 3:30 GMT 27



Top 20 Counties

% of Eligible Population Fully Vaccinated

Montgomery County, MD	89.4
Marin County, CA	87.3
Howard County, MD	87.0
Santa Clara County, CA	86.2
Cumberland County, ME	86.1
Dane County, WI	84.1
Miami-Dade County, FL	83.8
San Mateo County, CA	82.5
Fairfield County, CT	82.1
San Francisco County, CA	81.1
Contra Costa County, CA	80.8
Alameda County, CA	80.4
Nassau County, NY	80.1
King County, WA	80.1
Fairfax County, VA	79.7
Multnomah County, OR	79.4
Westchester County, NY	79.3
New London County, CT	79.3
Middlesex County, MA	79.1
Morris County, NJ	78.8

* New York City counties aggregated into one reporting area

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

Note: Lists includes counties ≥ 250K population



Canada

Per 1M in Region

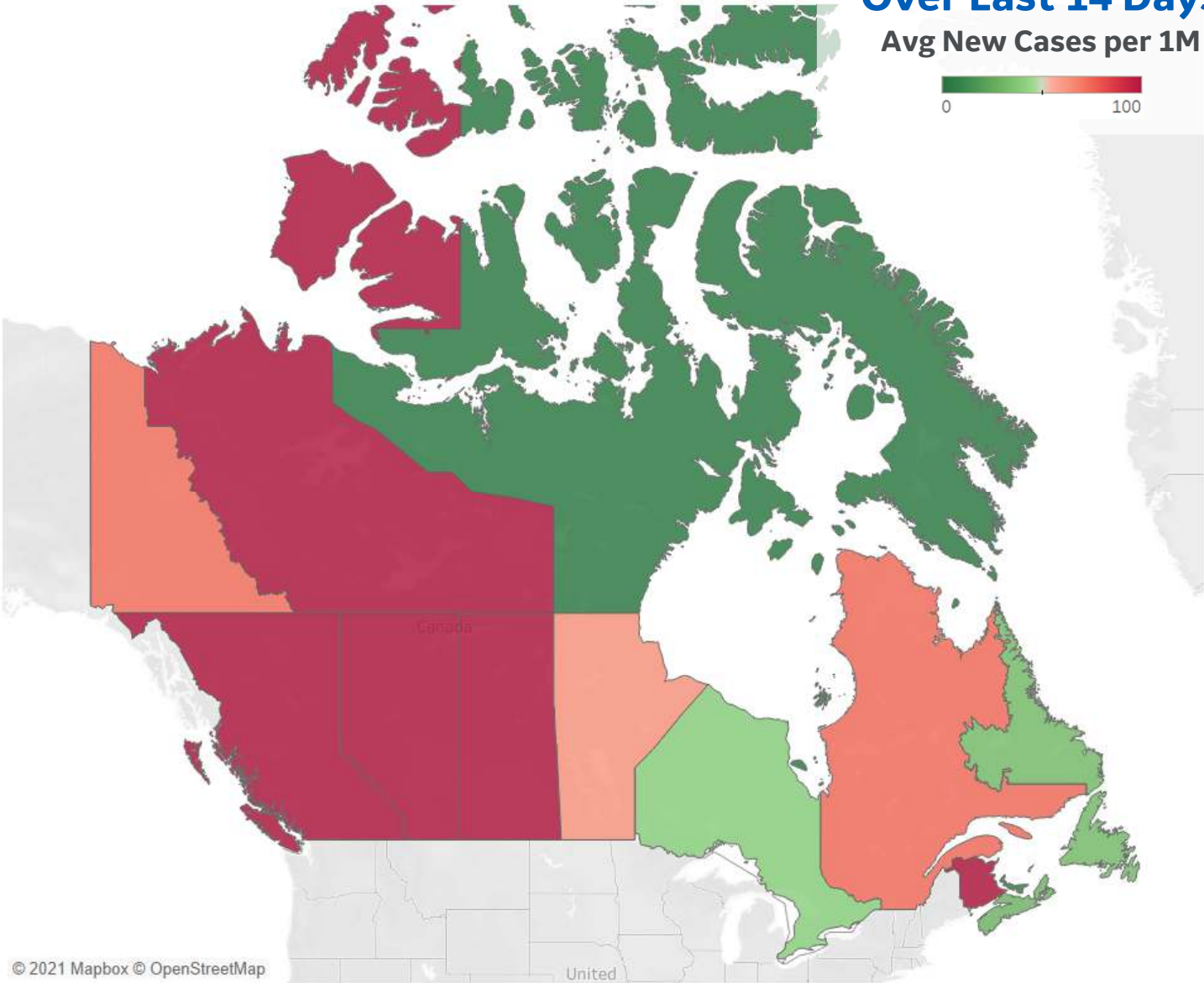
	Today	Change
Active Cases	42,946	+0.5%
Confirmed	222	+0.5%
Deaths	1	+0.2%
Recovered	237	+0.6%

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

	Cases	Deaths
Saskatchewan	393	5
Alberta	353	3
British Columbia	140	1
Quebec	72	1
Manitoba	62	0
Ontario	41	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	77,225	+0.1%
Confirmed	51	+0.1%
Deaths	1	+0.0%
Recovered	70	+0.1%

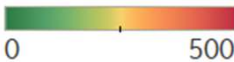
Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Cuba	541	5
Costa Rica	382	6
Trinidad and Tobago	146	5
Guatemala	146	3
Jamaica	109	3
Brazil	78	2
Honduras	62	2
Panama	57	1
Venezuela	43	0
Dom. Rep.	40	0
Chile	36	0
Uruguay	31	0
Argentina	31	1
Colombia	29	1
Bolivia	26	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





Brazil

Per 1M in Region

	Today	Change
Active Cases	98,233	+0.0%
Confirmed	49	+0.0%
Deaths	1	+0.0%
Recovered	36	+0.0%

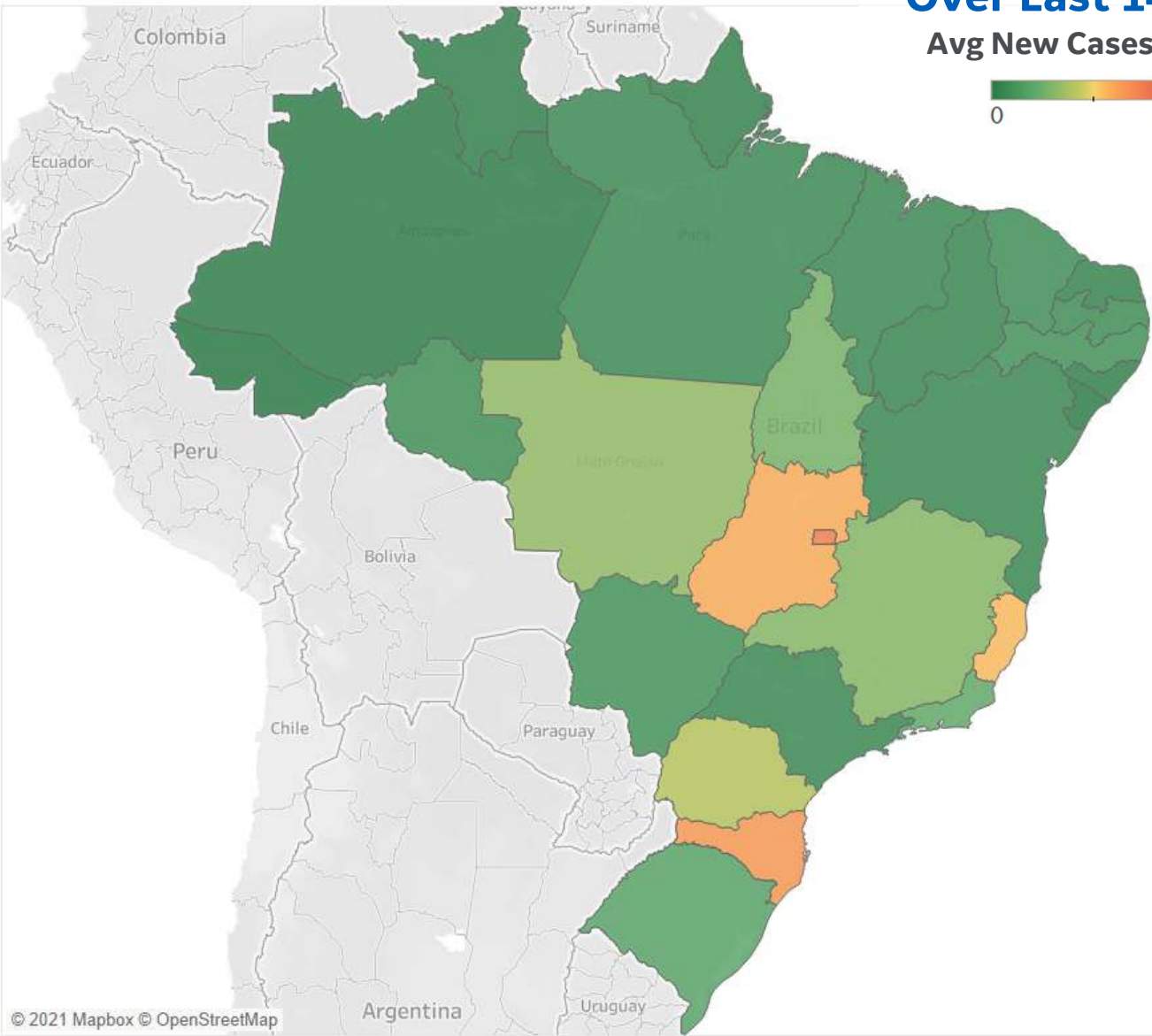
Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Distrito Federal	292	5
Santa Catarina	257	2
Goiás	233	4
Espírito Santo	218	3
Paraná	162	5
MatoGrosso	132	2
Minas Gerais	121	2
Tocantins	110	2
Rio de Janeiro	90	6
Rio Grande do Sul	77	2
MatoGrosso do Sul	46	2
Pernambuco	46	1
Ceará	39	1
Rondônia	38	1
Paraíba	37	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





Asia

Per 1M in Region

	Today	Change
Active Cases	14,039	+0.1%
Confirmed	21	+0.1%
Deaths	0.5	+0.2%
Recovered	28	+0.2%

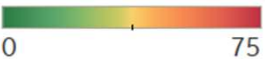
Average Daily New Cases & Deaths per 1M Over Last 14 Days

	Cases	Deaths
Mongolia	749	5
Malaysia	383	7
Singapore	337	1
Thailand	162	2
Russia	152	6
Philippines	142	1
Kazakhstan	120	3
Azerbaijan	91	2
Vietnam	87	2
Laos	60	0
Sri Lanka	51	3
South Korea	45	0
Cambodia	37	1
Nepal	31	0
Timor-Leste	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





Oceania

Per 1M in Region

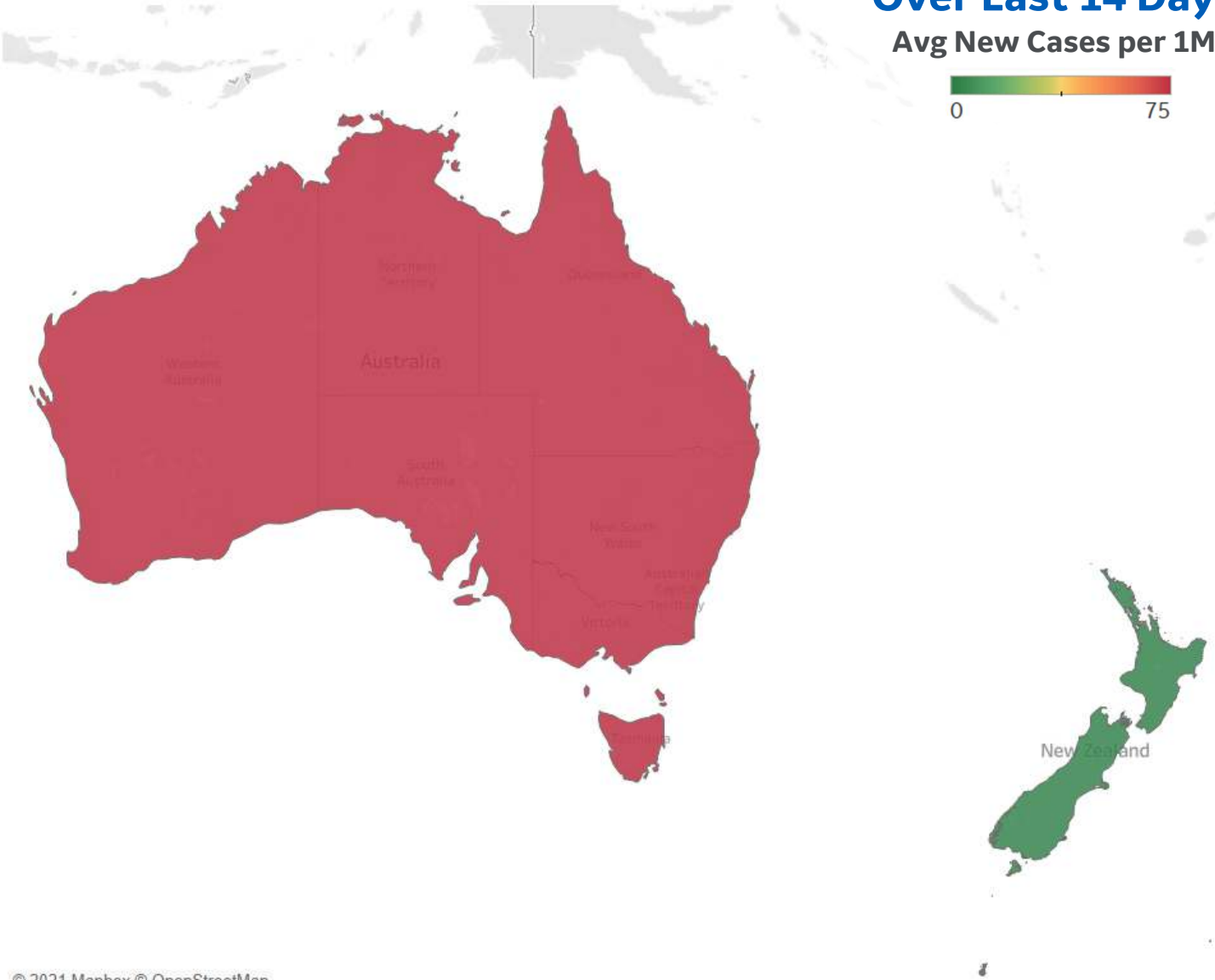
	Today	Change
Active Cases	5,427	+1.5%
Confirmed	78	+1.4%
Deaths	0.4	+0.6%
Recovered	51	+1.1%

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

	Cases	Deaths
Australia	76	1
New Zealand	5	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

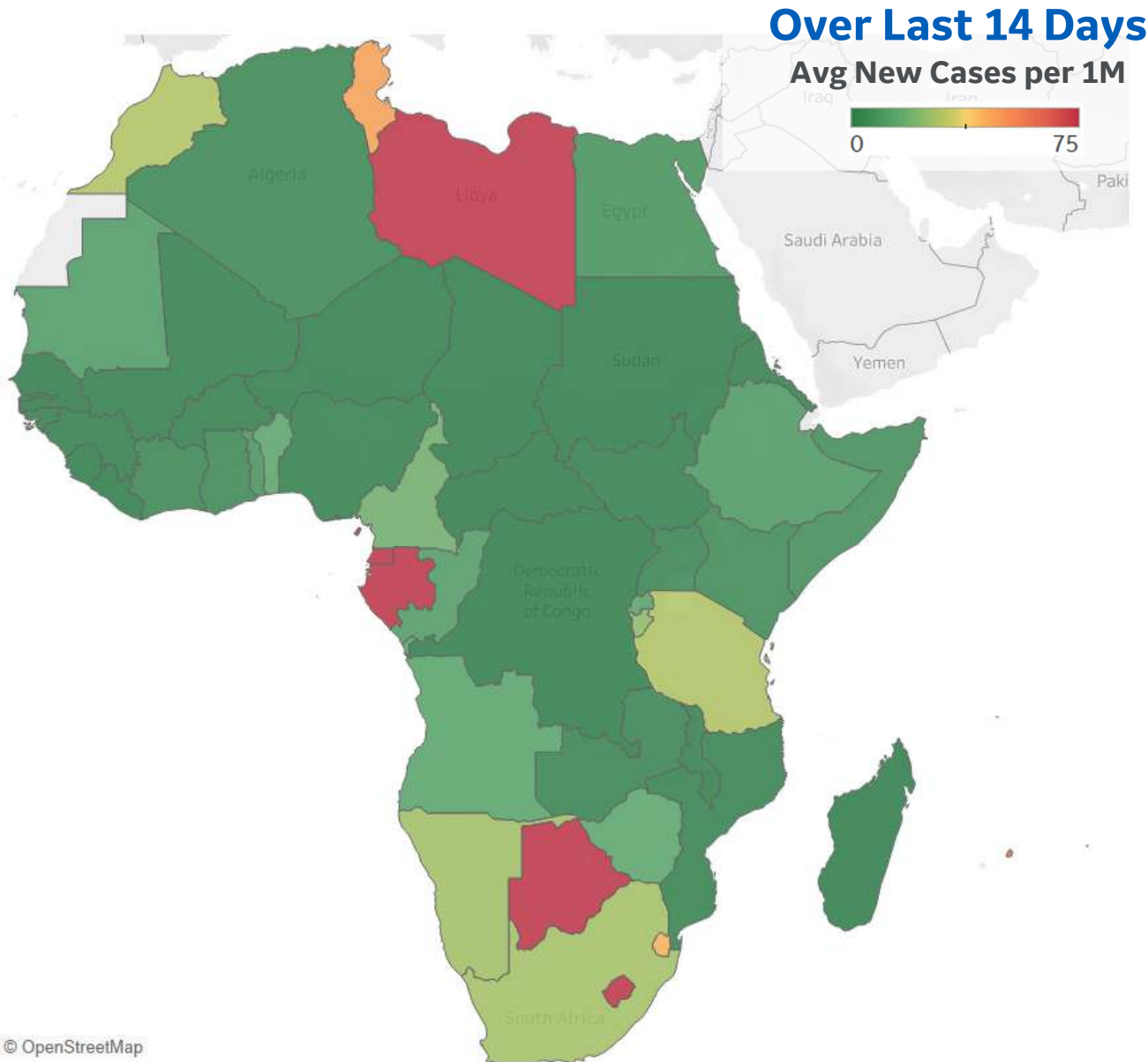
Per 1M in Region

	Today	Change
Active Cases	6,081	+0.1%
Confirmed	4	+0.1%
Deaths	0.1	+0.1%
Recovered	8	+0.1%

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

	Cases	Deaths
Lesotho	232	8
Botswana	165	0
Libya	109	2
Gabon	94	1
Eq. Guinea	75	1
Mauritius	58	2
Tunisia	47	2
Eswatini	43	1
Morocco	29	1
Tanzania	29	1
South Africa	27	2
Namibia	27	1
Burundi	25	0
Cameroon	19	0
Benin	14	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/>