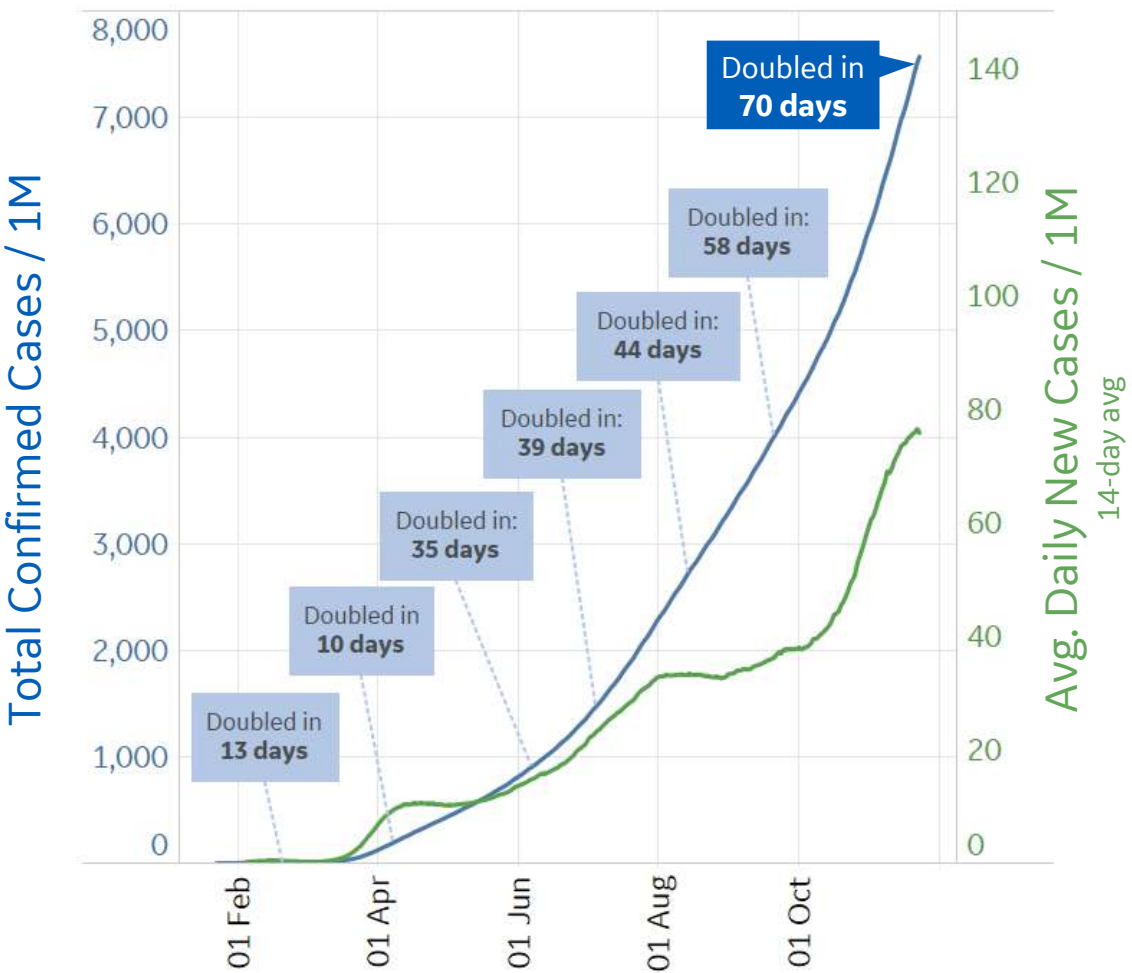




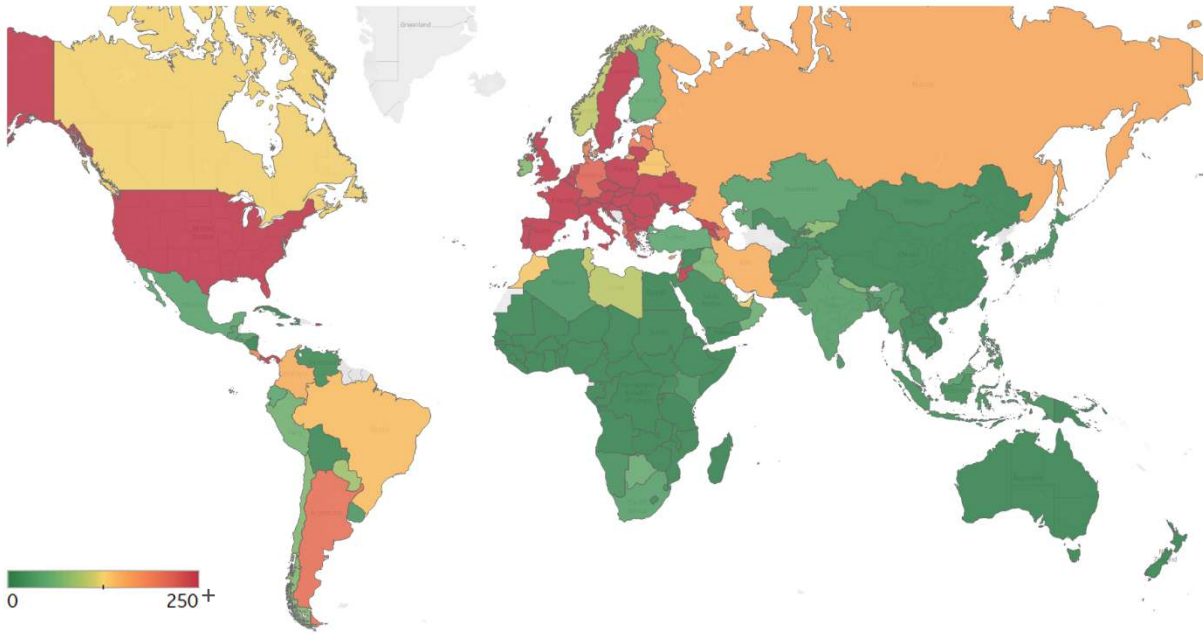
# Global Confirmed & Active Cases

Trend since 22 Jan



Avg. Daily New Cases / 1M

Over the last 14 days



Per 1M:	New Today	Change from 30 days ago
Active	28	+58%
Confirmed	63	+39%
Deaths	1	+21%
Recovered	35	+31%
	To Date	Last 30 Days
Worldwide Survival Rate	97.6%	98.5%

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

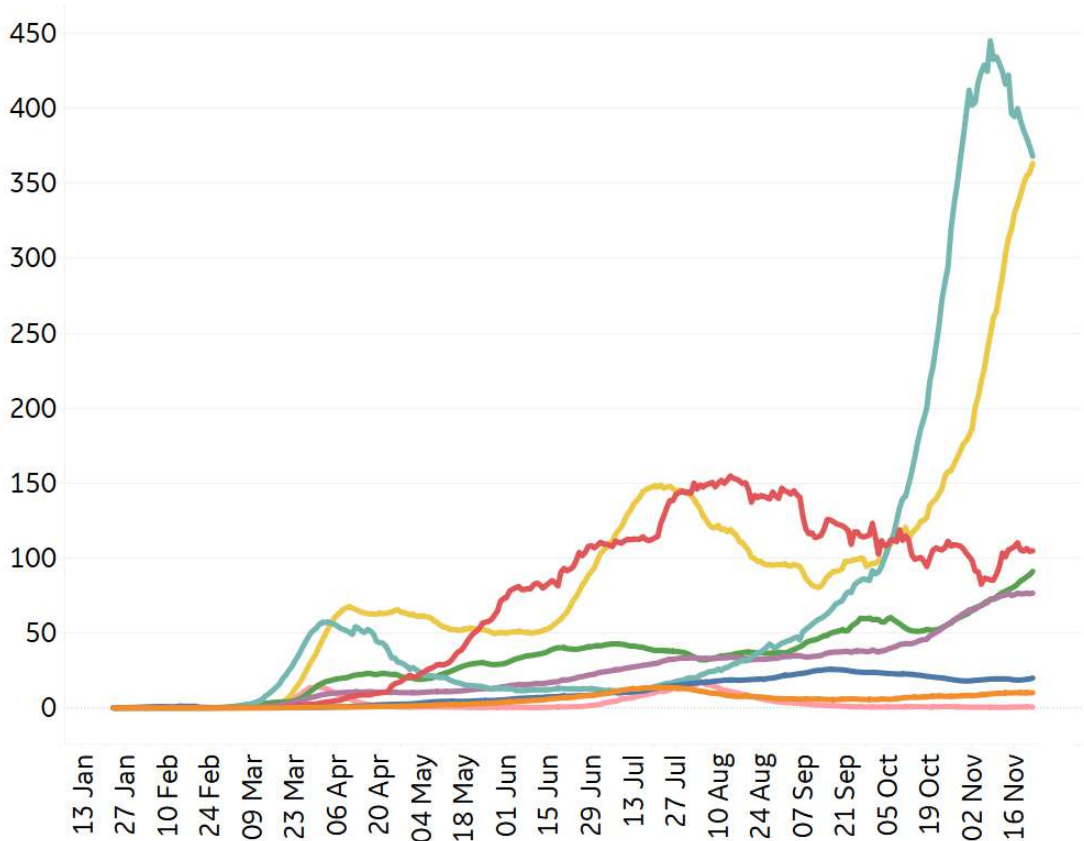
Asia

Africa

Oceania

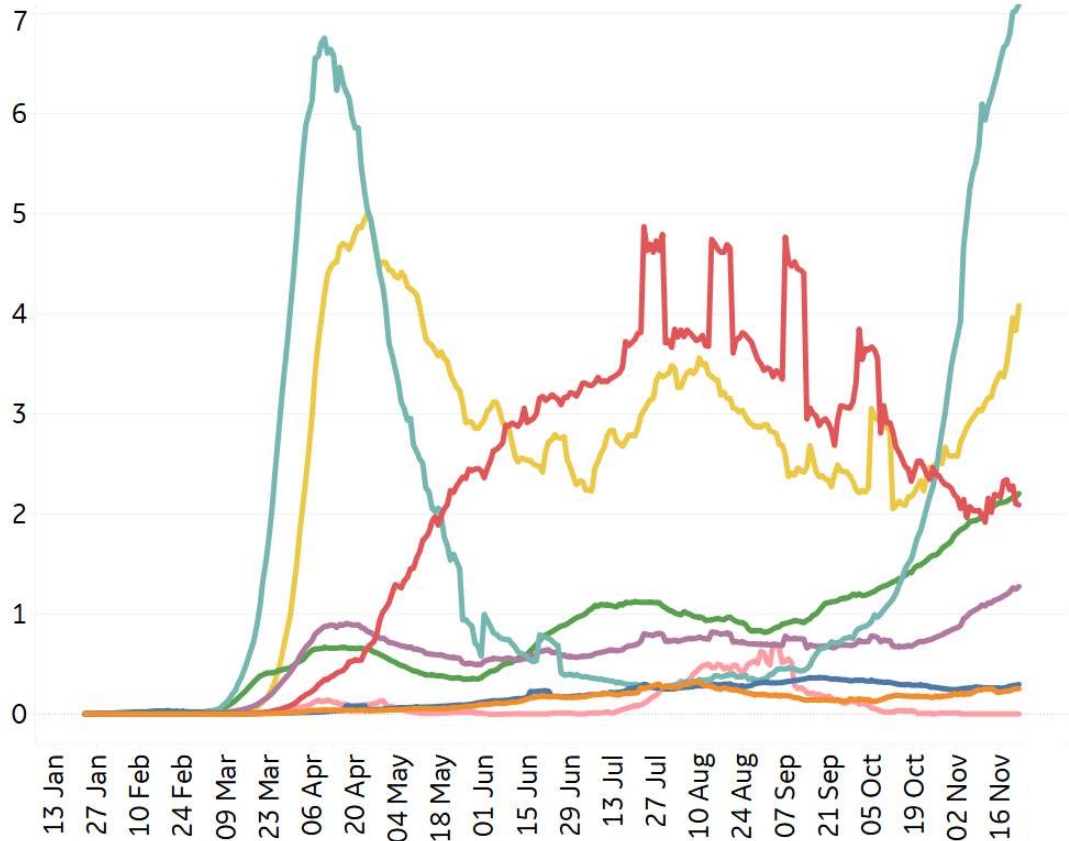
## New Confirmed Cases / 1M

7-day rolling average



## New Deaths / 1M

7-day rolling average





# Top 50 Countries: Per 1M



## 1 - 25

	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago in 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Total Recovered	Total Deaths	Confirmed	Deaths
Belgium	282	15	48,214	N/A**	1,348	-68%	14%
Peru	57	2	28,754	26,672	1,078	-10%	8%
Spain	300	6	33,296	3,216	912	-19%	-7%
Italy	544	11	23,302	9,148	824	16%	108%
Argentina	189	5	30,321	26,451	819	-15%	-26%
UK	301	7	22,329	N/A**	812	1%	44%
Brazil	140	2	28,563	25,677	796	51%	29%
Chile	70	2	28,282	26,999	788	-2%	-12%
US	516	5	36,999	13,675	776	63%	44%
France	350	9	33,569	2,409	748	-53%	40%
North Macedo..	528	14	26,276	15,535	725	17%	73%
Bos. and Herz.	351	17	24,386	13,538	694	-18%	81%
Colombia	139	4	24,535	22,619	693	-18%	-5%
Panama	269	3	35,873	31,511	685	48%	-4%
Czechia	429	13	45,967	37,174	672	-51%	-12%
Armenia	428	9	42,597	31,752	659	-31%	4%
Sweden	438	3	20,625	N/A**	634	72%	374%
EU	380	8	23,722	7,535	537	-16%	48%
Moldova	307	5	24,279	19,722	533	44%	23%
Netherlands	311	3	28,730	388	523	-37%	-7%
Romania	433	8	21,762	15,342	522	22%	46%
Slovenia	705	18	31,414	21,231	506	-9%	59%
Kosovo	401	7	18,585	11,404	495	128%	164%
Switzerland	552	11	33,578	20,879	469	-27%	86%
Bulgaria	485	15	17,532	5,256	414	25%	113%

## 26 - 50

	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago in 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Total Recovered	Total Deaths	Confirmed	Deaths
Ireland	74	1	14,270	4,732	410	-39%	17%
Hungary	498	10	18,076	4,442	393	29%	34%
Portugal	609	7	25,573	16,958	382	34%	73%
Poland	560	12	22,758	11,202	360	8%	67%
Croatia	679	11	25,265	20,067	330	18%	57%
Israel	85	1	38,001	36,726	323	4%	-55%
Costa Rica	174	2	25,405	15,581	316	-2%	-21%
Iraq	57	1	13,309	11,572	297	-21%	-10%
Oman	47	1	23,906	22,181	270	-24%	-38%
Austria	686	9	27,446	18,793	265	30%	126%
Ukraine	296	5	14,685	6,850	258	39%	22%
Russia	158	3	14,197	10,846	246	21%	26%
Georgia	897	10	26,254	21,468	245	60%	83%
Jordan	557	6	17,978	11,175	219	32%	53%
Kuwait	108	1	32,796	30,951	203	-18%	-15%
Bahrain	84	0	50,368	49,266	199	-30%	-47%
Lithuania	645	6	17,282	4,021	142	54%	145%
West Bank an..	269	2	15,680	12,917	139	75%	81%
Serbia	598	3	13,862	0	137	151%	215%
Lebanon	231	2	17,065	9,914	132	-3%	12%
Slovakia	248	4	17,628	8,404	123	-34%	67%
Belarus	148	1	13,123	10,990	116	32%	78%
Qatar	72	0	47,632	46,609	82	0%	100%
UAE	125	0	16,075	15,052	56	-1%	3%
Total World	77	1	7,571	4,839	179	10%	28%

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

Reported deaths in **Italy** increased 10% over the last week (+77 deaths per 1M)

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

N/A\*\* due to inconsistent reporting of Recovered Cases



# Top 50 Countries: Raw Volume

Updated 23 Nov 2020, 3:30 GMT

4

1 - 25	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago <sup>*</sup> in 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Total Recovered	Total Deaths	Confirmed	Deaths
US	170,856	1,511	12,246,849	4,526,513	256,782	63%	44%
EU	169,220	3,357	10,562,344	3,354,769	239,155	-16%	48%
Brazil	29,758	484	6,071,401	5,457,973	169,183	51%	29%
India	42,105	524	9,139,865	8,562,641	133,738	-9%	-6%
Mexico	5,050	448	1,041,875	779,104	101,676	-3%	9%
UK	20,417	442	1,515,802	N/A**	55,120	1%	44%
Italy	32,906	656	1,408,868	553,098	49,823	16%	108%
France	22,815	599	2,191,180	157,259	48,807	-53%	40%
Iran	13,185	473	854,361	603,445	44,802	51%	15%
Spain	14,020	264	1,556,730	150,376	42,619	-19%	-7%
Argentina	8,554	224	1,370,366	1,195,492	37,002	-15%	-26%
Russia	23,101	422	2,071,858	1,582,768	35,838	21%	26%
Peru	1,883	53	948,081	879,439	35,549	-10%	8%
Colombia	7,096	179	1,248,417	1,150,932	35,287	-18%	-5%
South Africa	2,379	95	767,679	710,099	20,903	42%	30%
Indonesia	4,365	96	497,668	418,188	15,884	25%	-3%
Belgium	3,263	171	558,779	N/A**	15,618	-68%	14%
Chile	1,338	36	540,640	516,121	15,069	-2%	-12%
Germany	18,489	227	932,367	611,627	14,159	2%	113%
Poland	21,194	467	861,331	423,971	13,618	8%	67%
Ecuador	764	28	185,643	164,009	13,201	-19%	34%
Turkey	4,649	122	446,822	374,637	12,358	62%	35%
Iraq	2,310	41	535,321	465,452	11,958	-21%	-10%
Canada	4,912	72	333,808	269,137	11,502	38%	60%
Ukraine	12,955	198	642,215	299,592	11,292	39%	22%

26 - 50	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago <sup>*</sup> in 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Total Recovered	Total Deaths	Confirmed	Deaths
Romania	8,338	160	418,645	295,148	10,047	22%	46%
Netherlands	5,333	58	492,293	6,642	8,967	-37%	-7%
Bolivia	105	8	143,978	119,338	8,907	-7%	-25%
Philippines	1,569	42	418,818	386,486	8,123	-15%	4%
Pakistan	2,557	77	376,929	330,885	7,696	98%	202%
Czechia	4,592	141	492,263	398,101	7,196	-51%	-12%
Sweden	4,420	35	208,295	N/A**	6,406	72%	374%
Bangladesh	2,144	28	447,341	362,428	6,388	27%	22%
Saudi Arabia	286	18	355,258	343,371	5,780	-18%	-2%
Morocco	4,538	77	324,941	270,457	5,316	15%	8%
Switzerland	4,781	98	290,601	180,700	4,056	-27%	86%
Portugal	6,208	74	260,758	172,919	3,897	34%	73%
Hungary	4,808	100	174,618	42,915	3,800	29%	34%
Panama	1,161	12	154,783	135,962	2,957	48%	-4%
Israel	740	10	328,918	317,887	2,799	4%	-55%
Austria	6,176	80	247,188	169,260	2,388	30%	126%
Dom. Rep.	669	4	138,410	112,552	2,310	45%	7%
Jordan	5,679	66	183,429	114,018	2,236	32%	53%
Japan	2,060	10	133,034	110,273	1,943	118%	16%
Costa Rica	885	9	129,418	79,372	1,608	-2%	-21%
Nepal	1,505	14	220,308	199,024	1,321	-29%	-18%
Kuwait	459	4	140,056	132,178	866	-18%	-15%
UAE	1,235	3	158,990	148,871	552	-1%	3%
Qatar	206	0	137,229	134,282	236	0%	100%
Total World	592,779	9,846	58,649,324	37,486,362	1,388,068	10%	28%

<sup>\*</sup>Change from 14d ago:  
Compares 14d-avgs. of Daily New Cases/Deaths  
today with 14d-avgs. from 14d ago

Over the weekend, **Russia** surpassed 2 million cases

Sorted by Raw Total Deaths  
Top 50 countries selected by Total Cases  
Excluded countries with population < 1M

N/A\*\* due to inconsistent reporting of Recovered Cases





# United States: Per 1M



## 1 - 25

	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago* in 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Total Recovered	Total Deaths	Confirmed	Deaths
New Jersey	430	3	34,452	4,650	1,887	97%	131%
New York	264	2	30,648	4,282	1,764	100%	53%
Massachusetts	385	4	30,011	21,136	1,525	70%	27%
Connecticut	514	4	28,460	2,749	1,354	93%	67%
Louisiana	560	4	47,365	40,002	1,347	297%	13%
Mississippi	426	6	48,109	39,206	1,235	42%	24%
Rhode Island	873	5	45,311	3,128	1,221	86%	49%
North Dakota	1,666	21	95,377	80,832	1,110	11%	13%
Illinois	932	10	51,792	N/A	951	54%	98%
DC	238	2	28,553	21,087	949	74%	33%
South Dakota	1,241	28	82,591	62,565	926	9%	76%
Michigan	761	7	32,945	15,247	889	87%	120%
Arizona	476	3	41,170	6,647	888	91%	3%
Georgia	325	3	42,301	N/A	866	94%	43%
Florida	354	3	43,692	N/A	838	45%	26%
S. Carolina	299	5	40,067	20,915	832	37%	6%
Indiana	929	8	43,872	24,508	788	78%	35%
Arkansas	574	8	48,106	41,472	781	48%	0%
Delaware	441	2	32,665	16,318	768	97%	-19%
Pennsylvania	498	6	24,477	15,126	767	116%	127%
Maryland	383	3	30,127	1,407	733	105%	91%
Texas	394	5	39,785	31,515	725	52%	49%
Alabama	428	6	47,419	18,499	705	44%	71%
Iowa	1,148	10	67,087	36,864	698	48%	70%
New Mexico	1,206	11	39,057	13,762	660	108%	75%

## 26 - 51

	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago* in 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Total Recovered	Total Deaths	Confirmed	Deaths
Nevada	636	5	43,468	N/A	655	67%	61%
Tennessee	618	8	49,856	43,084	625	71%	45%
Minnesota	1,180	9	47,903	38,960	585	90%	91%
Missouri	758	4	45,151	N/A	583	56%	20%
Montana	1,139	11	52,097	36,538	564	36%	-8%
Wisconsin	1,136	10	64,619	47,501	541	36%	57%
Ohio	652	3	30,064	19,443	513	94%	54%
Colorado	873	6	34,487	1,913	487	88%	141%
N. Carolina	334	3	32,110	26,328	480	31%	-5%
Idaho	752	7	51,287	20,986	475	37%	44%
California	298	2	28,207	N/A	474	114%	22%
Nebraska	1,174	10	58,964	8,306	470	49%	93%
Virginia	265	2	25,516	2,710	461	36%	80%
Kansas	957	7	47,055	1,079	455	18%	59%
Oklahoma	729	4	44,056	35,459	413	95%	4%
Kentucky	656	4	35,388	5,855	400	56%	41%
New Hampshire	310	1	12,971	9,478	377	138%	44%
West Virginia	544	6	22,586	14,773	369	86%	100%
Washington	210	2	18,550	N/A	344	66%	26%
Wyoming	1,401	8	48,671	29,040	304	73%	35%
Utah	1,041	3	55,265	36,153	247	61%	54%
Oregon	281	2	15,451	1,392	194	76%	17%
Hawaii	73	1	12,348	8,446	165	20%	33%
Alaska	773	1	37,965	9,794	141	17%	19%
Maine	150	1	7,706	5,796	131	78%	300%
Vermont	169	1	5,816	3,652	101	288%	300%

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

In the past 7 days, **Pennsylvania** saw a 17% increase in cases (+3,486 cases per 1M)

Sorted by Total Deaths / 1M

N/As due to states revising and updating case counts



# United States: Raw Volume



## 1 - 25

	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago* in 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Total Recovered	Total Deaths	Confirmed	Deaths
New York	5,145	41	596,214	83,307	34,319	100%	53%
Texas	11,419	145	1,153,612	913,796	21,013	52%	49%
California	11,776	66	1,114,524	N/A	18,726	114%	22%
Florida	7,602	68	938,414	N/A	17,991	45%	26%
New Jersey	3,819	28	306,007	41,303	16,761	97%	131%
Illinois	11,812	127	656,298	N/A	12,050	54%	98%
Massachusetts	2,654	26	206,850	145,682	10,512	70%	27%
Pennsylvania	6,380	75	313,358	193,640	9,816	116%	127%
Georgia	3,449	34	449,132	N/A	9,198	94%	43%
Michigan	7,604	71	329,021	152,267	8,875	87%	120%
Arizona	3,461	23	299,665	48,380	6,464	91%	3%
Louisiana	2,602	20	220,192	185,960	6,260	297%	13%
Ohio	7,618	39	351,419	227,276	5,996	94%	54%
Indiana	6,251	56	295,357	164,992	5,305	78%	35%
N. Carolina	3,506	33	336,775	276,132	5,034	31%	-5%
Connecticut	1,832	13	101,469	9,800	4,828	93%	67%
Maryland	2,316	19	182,139	8,506	4,434	105%	91%
S. Carolina	1,541	24	206,295	107,683	4,283	37%	6%
Tennessee	4,220	53	340,476	294,231	4,266	71%	45%
Virginia	2,262	20	217,796	23,133	3,938	36%	80%
Mississippi	1,267	19	143,180	116,683	3,676	42%	24%
Missouri	4,653	27	277,112	N/A	3,578	56%	20%
Alabama	2,098	30	232,506	90,702	3,457	44%	71%
Minnesota	6,654	48	270,157	219,720	3,297	90%	91%
Wisconsin	6,616	57	376,238	276,574	3,150	36%	57%

## 26 - 51

	Average over last 7 days		Total Since 22 Jan			Change from 14d Ago* in 14 day avg of daily new	
	New Confirmed	New Deaths	Total Confirmed	Total Recovered	Total Deaths	Confirmed	Deaths
Colorado	5,026	37	198,600	11,014	2,806	88%	141%
Washington	1,603	14	141,260	N/A	2,619	66%	26%
Arkansas	1,733	25	145,173	125,153	2,357	48%	0%
Iowa	3,621	30	211,664	116,308	2,202	48%	70%
Nevada	1,958	15	133,888	N/A	2,017	67%	61%
Kentucky	2,931	18	158,100	26,156	1,787	56%	41%
Oklahoma	2,886	15	174,330	140,312	1,634	95%	4%
New Mexico	2,528	24	81,896	28,857	1,383	108%	75%
Kansas	2,789	20	137,085	3,144	1,326	18%	59%
Rhode Island	925	6	48,001	3,314	1,294	86%	49%
Nebraska	2,271	19	114,061	16,068	909	49%	93%
Idaho	1,344	13	91,653	37,504	849	37%	44%
North Dakota	1,270	16	72,683	61,599	846	11%	13%
Oregon	1,184	8	65,170	5,870	820	76%	17%
South Dakota	1,098	25	73,065	55,349	819	9%	76%
Utah	3,338	11	177,176	115,904	793	61%	54%
Delaware	429	2	31,808	15,890	748	97%	-19%
DC	168	1	20,151	14,882	670	74%	33%
West Virginia	974	11	40,478	26,476	662	86%	100%
Montana	1,217	12	55,680	39,051	603	36%	-8%
New Hampshire	422	2	17,637	12,887	512	138%	44%
Hawaii	103	2	17,483	11,958	233	20%	33%
Wyoming	811	5	28,169	16,807	176	73%	35%
Maine	202	2	10,359	7,791	176	78%	300%
Alaska	566	1	27,773	7,165	103	17%	19%
Vermont	106	1	3,629	2,279	63	288%	300%

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

In the past 14 days, cases in **New Jersey** increased 20% (+51,412 cases)

Sorted by Raw Total Deaths

N/As due to states revising and updating case counts





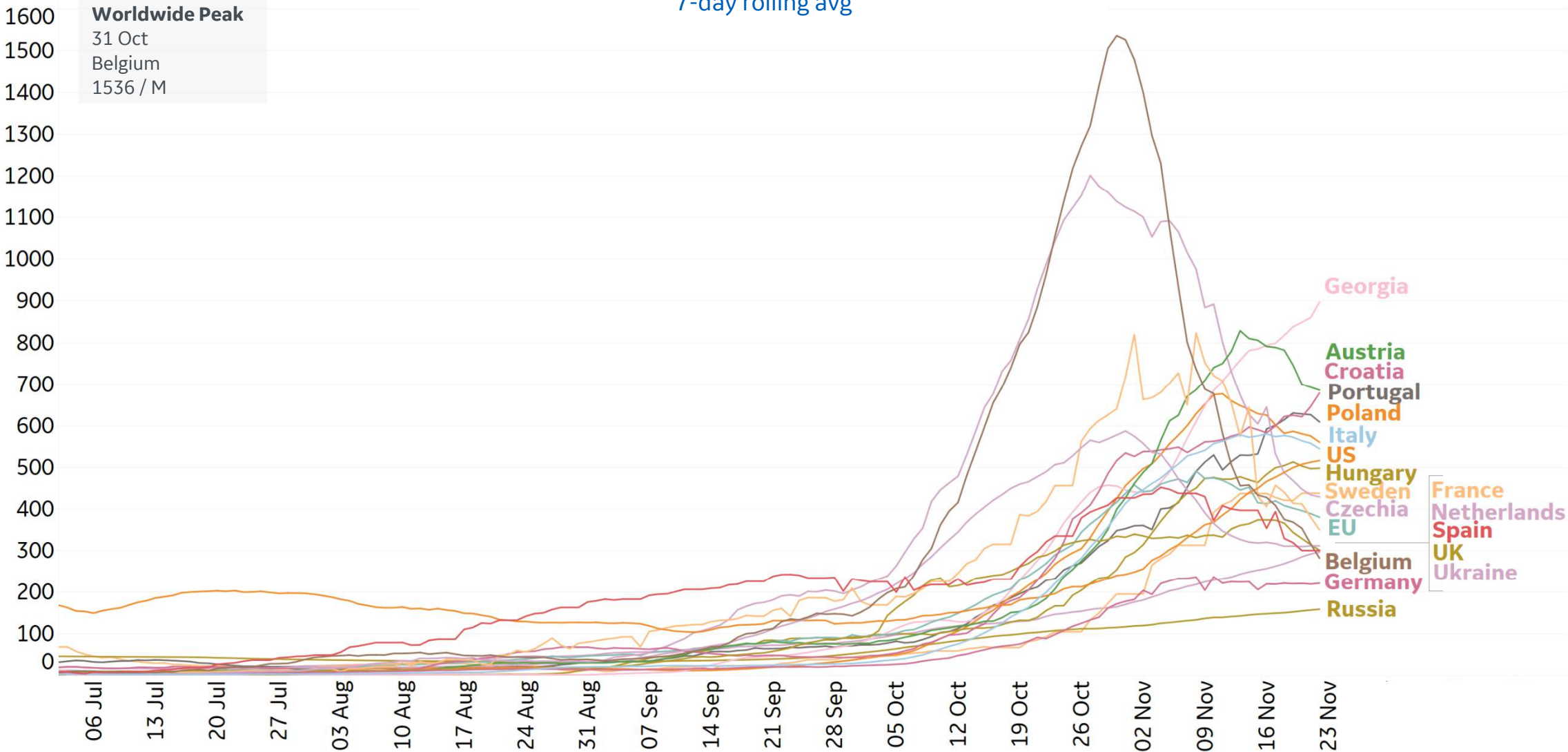
# New Confirmed Cases in Select Countries

Updated 23 Nov 2020, 3:30 GMT

7

## Daily New Confirmed Cases / 1M

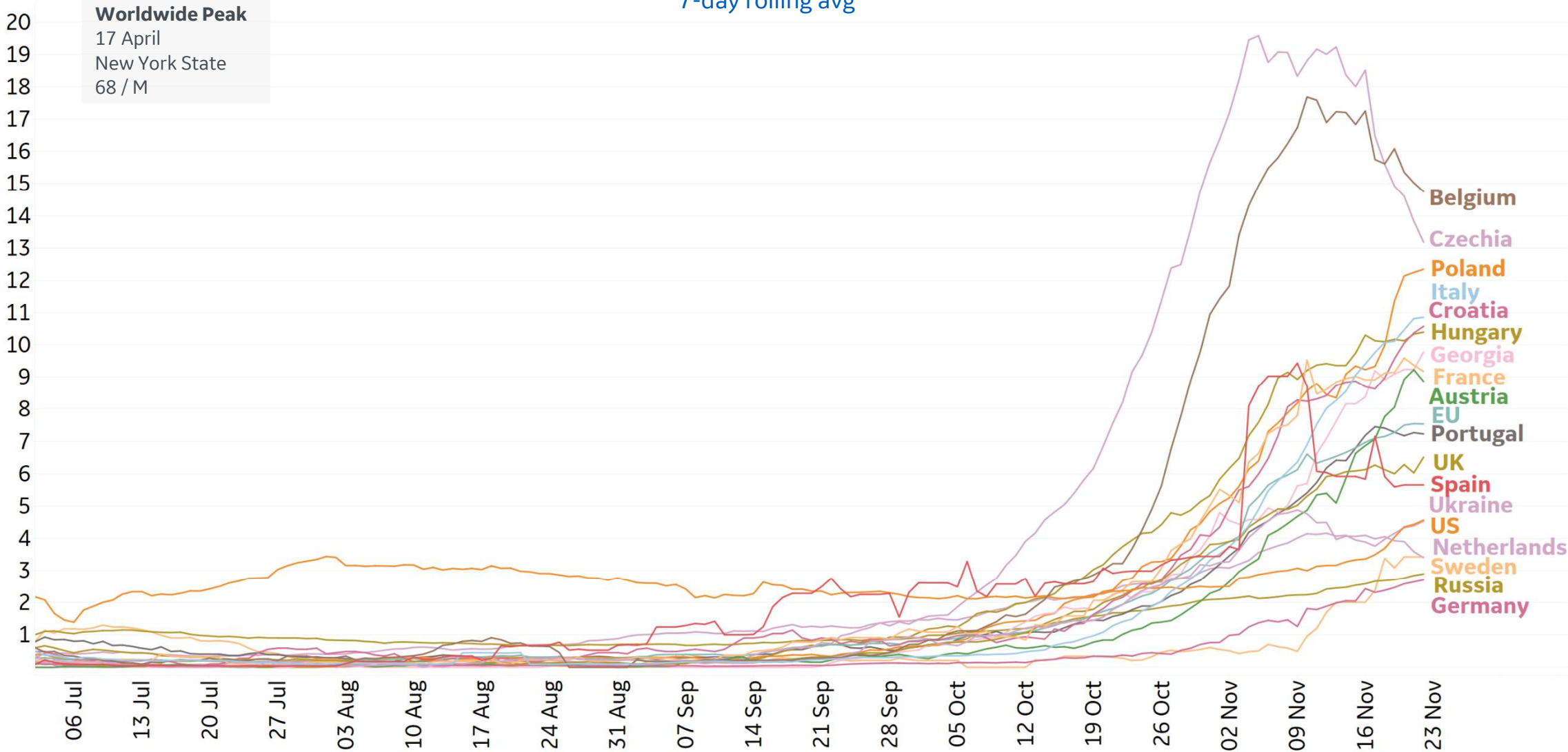
7-day rolling avg





# New Deaths in Select Countries

Daily New Deaths / 1M  
7-day rolling avg

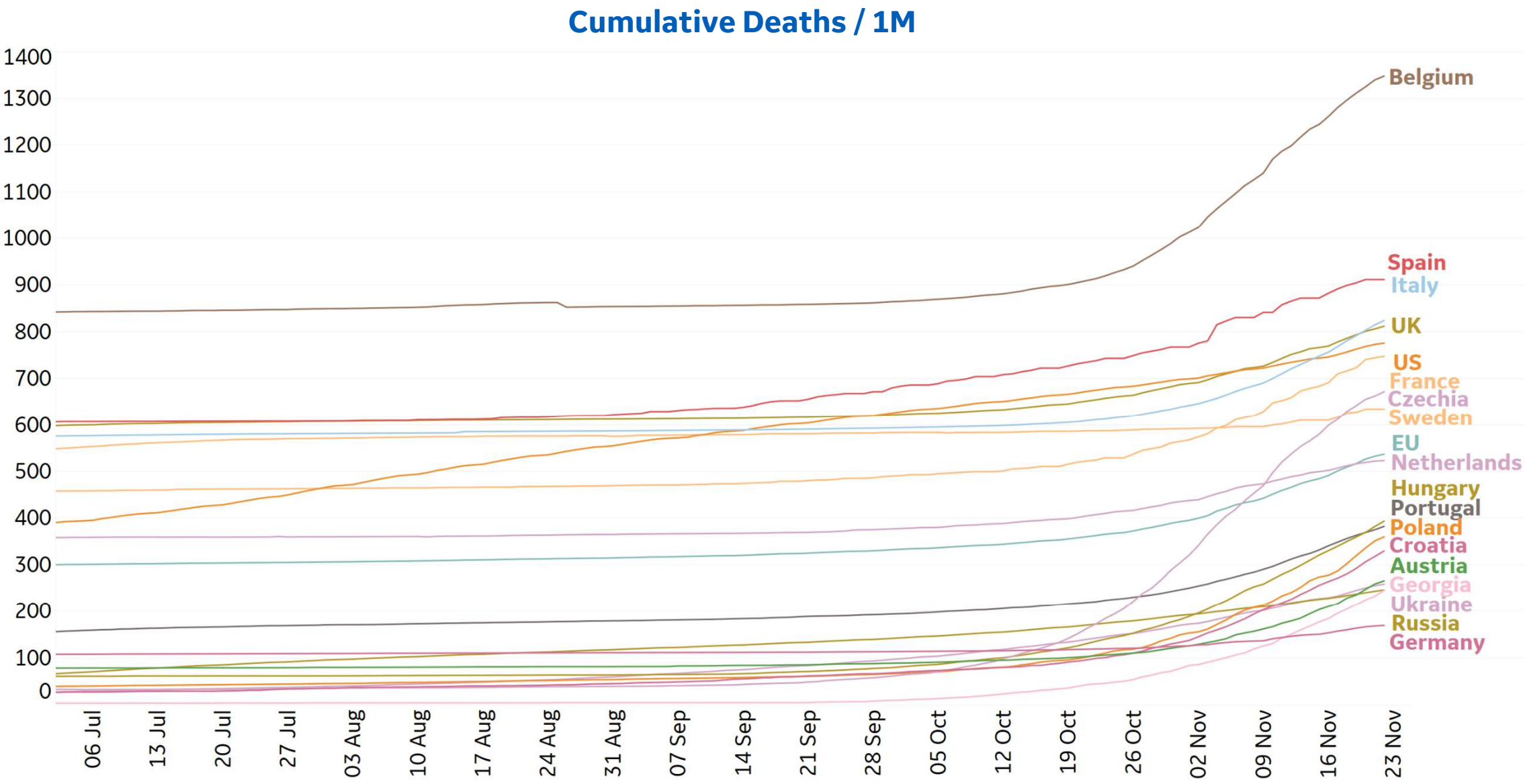


\*Large jump in Argentina's daily new deaths due to batched reporting of previously unreported fatalities on 1 Oct





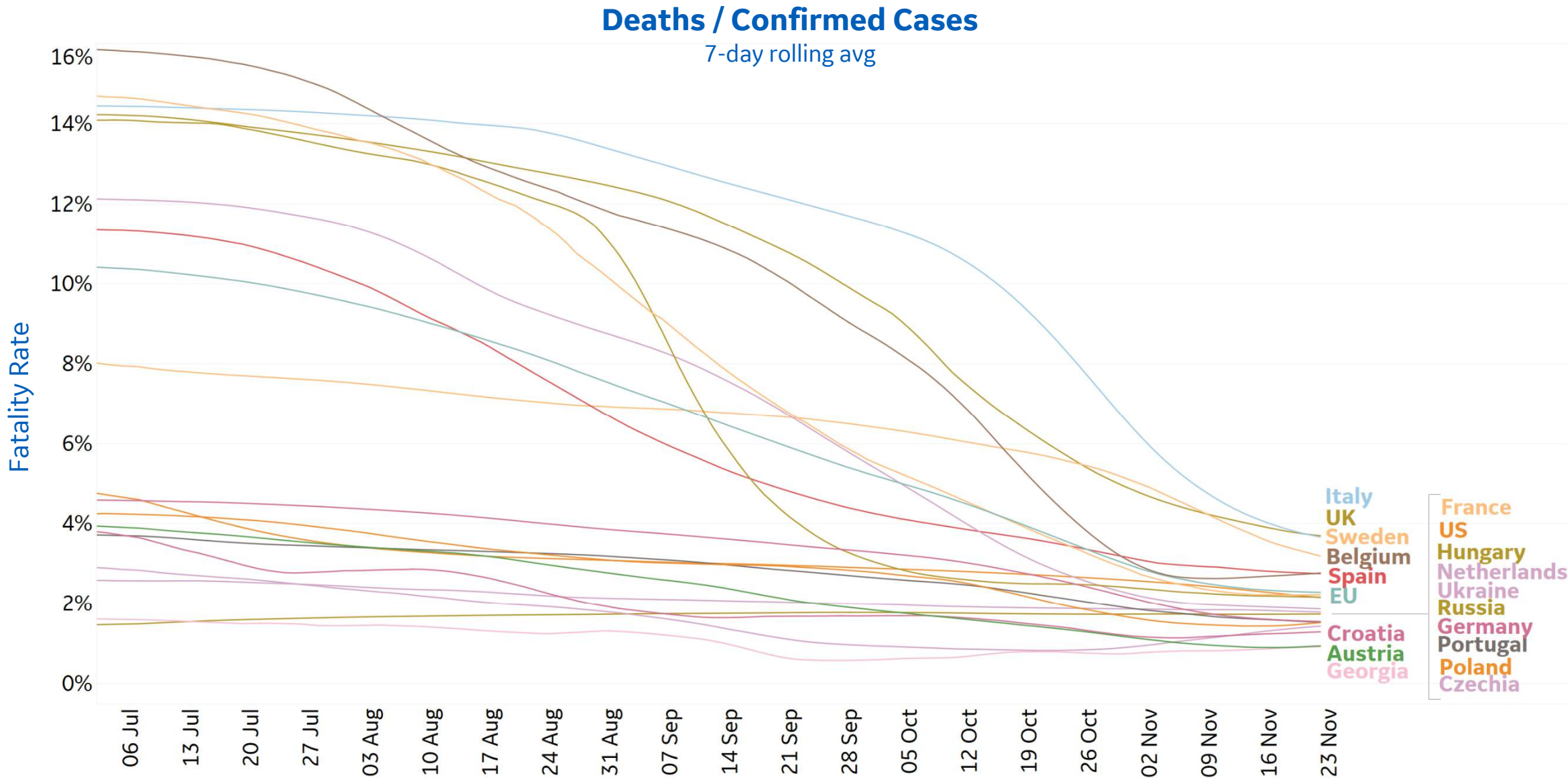
# Cumulative Deaths in Select Countries





# Fatality Rate in Select Countries

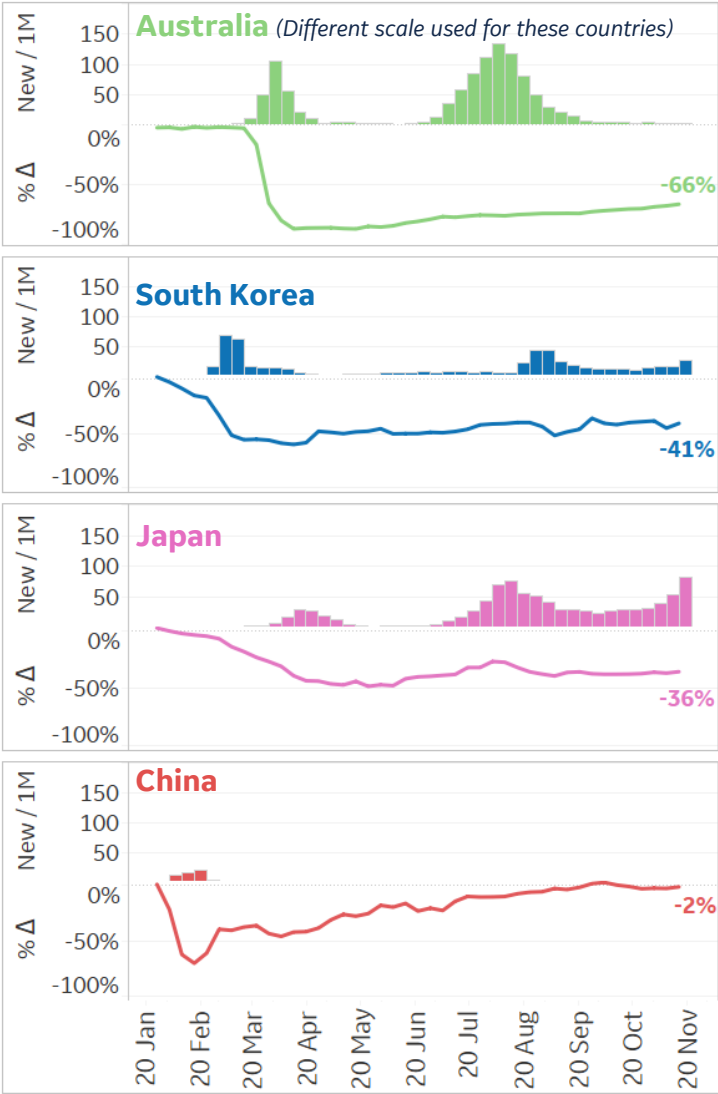
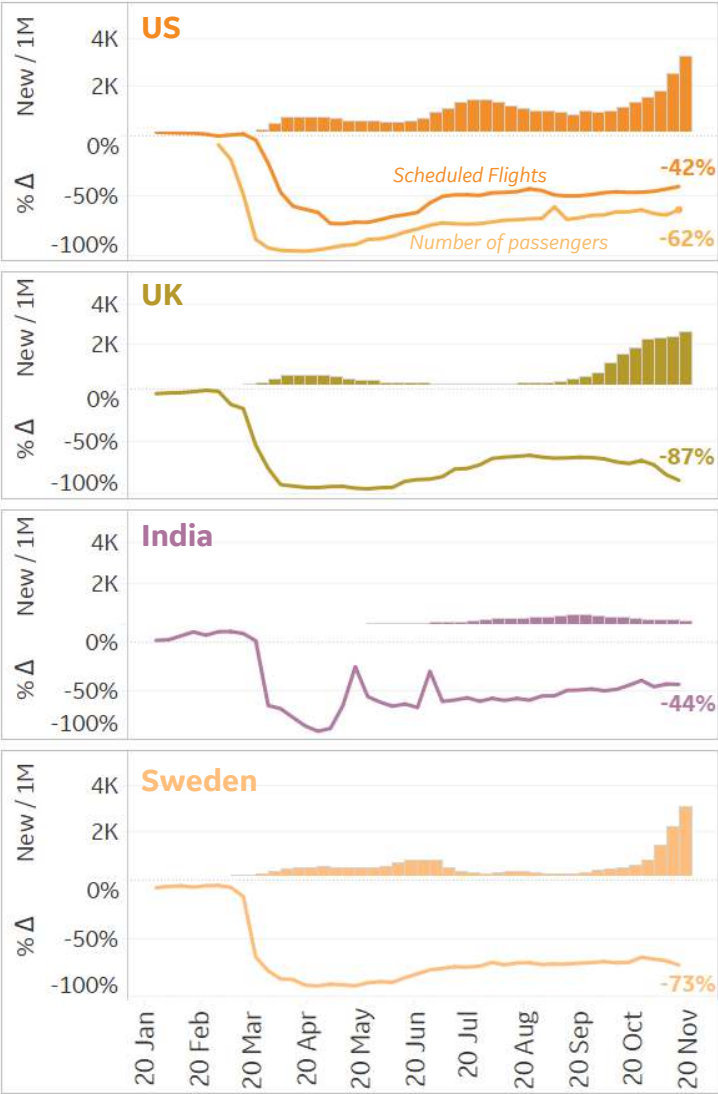
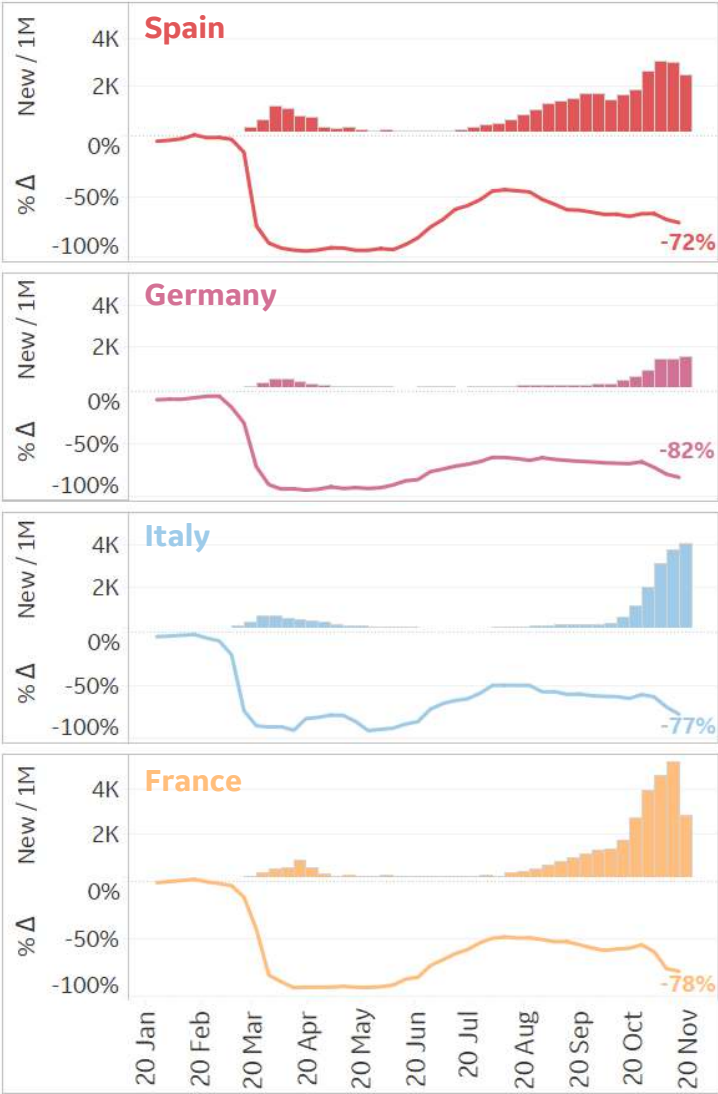
Updated 23 Nov 2020, 3:30 GMT





# Feature: Change in Air Travel During Pandemic

Weekly New Confirmed Cases / 1M (bars) and % Change in Scheduled Flight Volumes Compared to Previous Year (lines)



Data Sources: OAG Aviation Worldwide; US Transportation Security Administration. Note: % change compares each week in 2020 its corresponding week in 2019.





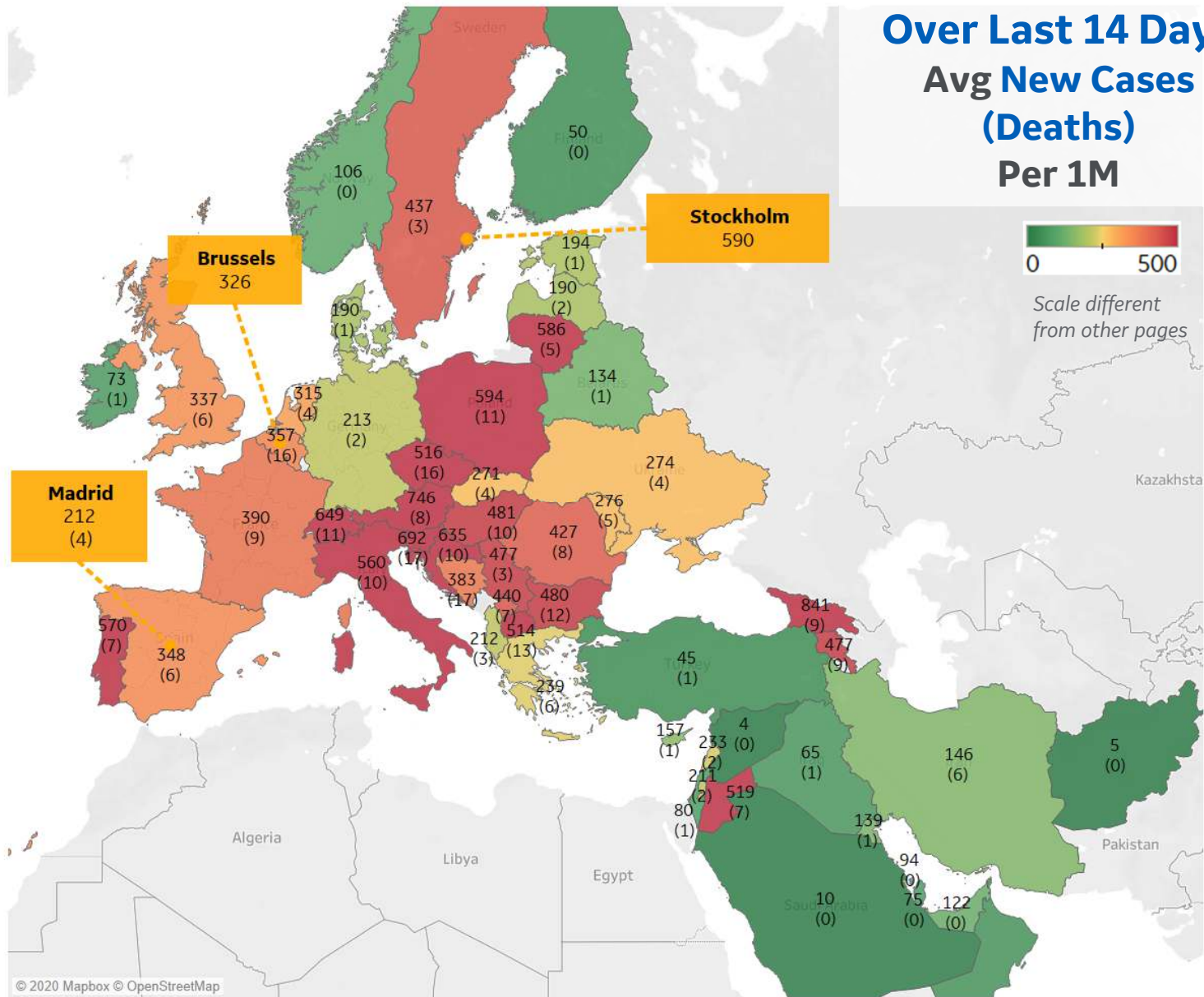
## Per 1M in Region

	Today	Change
Active Cases	10,029	+0.7%
Confirmed	193 new	+1%
Deaths	4 new	+1%
Recovered	118 new	+2%

## Most Daily New Cases / 1M

Georgia	841
Austria	746
Slovenia	692
Switzerland	649
Croatia	635
Poland	594
Lithuania	586
Portugal	570
Italy	560
Jordan	519

\* Excludes regions with population < 1M



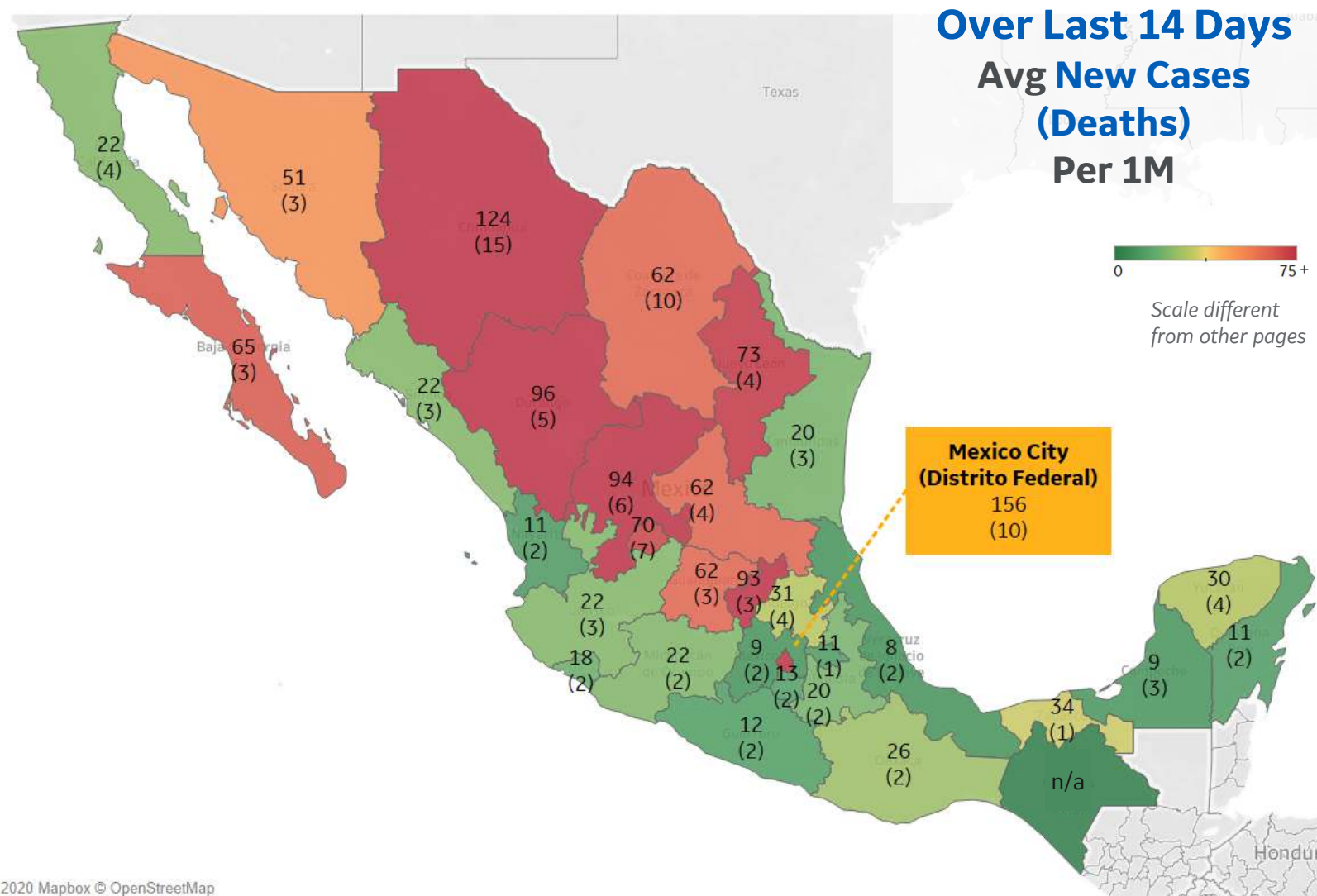


	Today	Change
Active Cases	1,249	+4.0%
Confirmed	123 new	+1.6%
Deaths	7 new	+0.8%
Recovered	65 new	+1.1%

	Today	Change
Active Cases	1,249	+4.0%
Confirmed	123 new	+1.6%
Deaths	7 new	+0.8%
Recovered	65 new	+1.1%

Distrito Federal	156
Chihuahua	124
Durango	96
Zacatecas	94
Querétaro	93
Nuevo León	73
Aguascalientes	70
Baja California Sur	65
San Luis Potosí	62
Coahuila	62

Distrito Federal	156
Chihuahua	124
Durango	96
Zacatecas	94
Querétaro	93
Nuevo León	73
Aguascalientes	70
Baja California Sur	65
San Luis Potosí	62
Coahuila	62



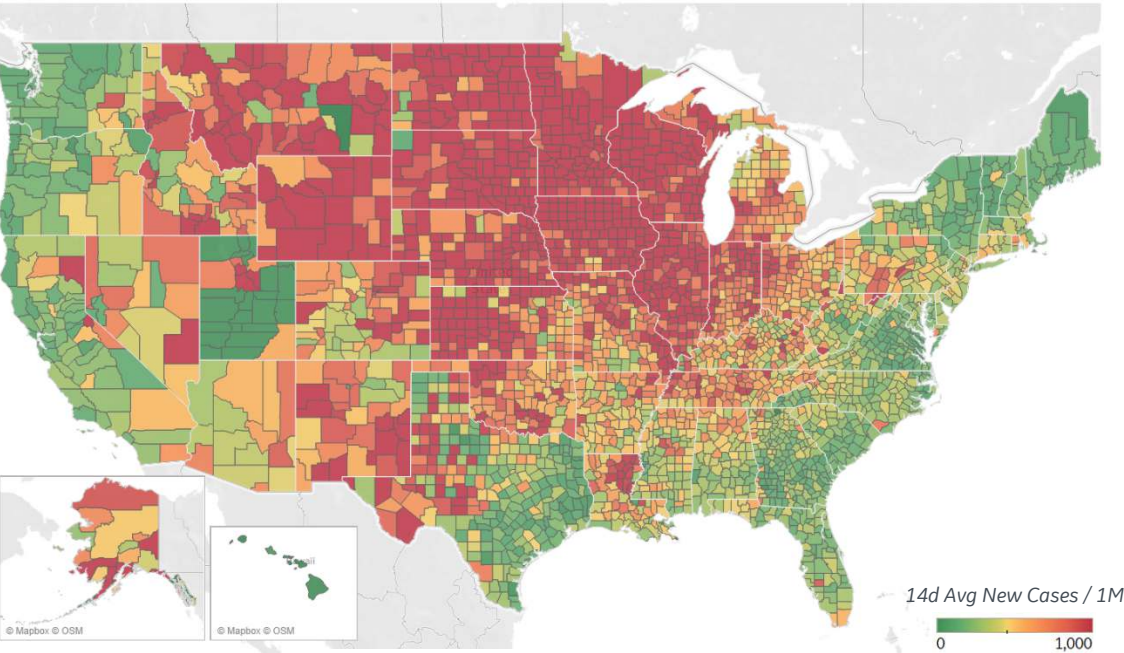




# US Counties: Recent Cases and Deaths

Updated 23 Nov 2020, 3:30 GMT 14

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

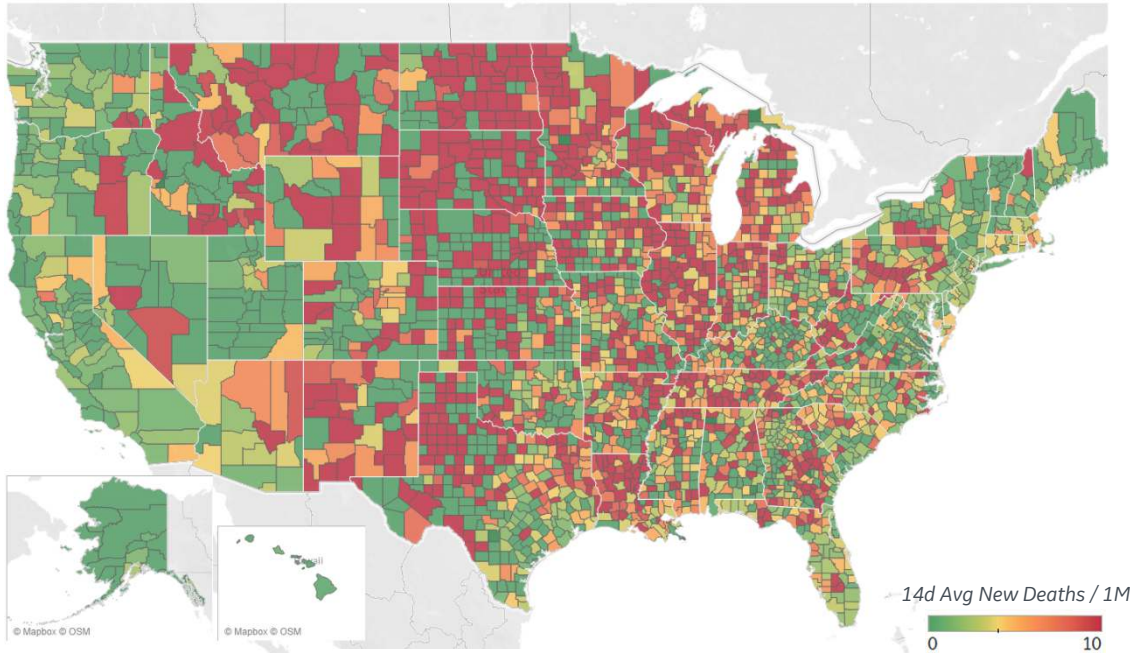


### Top 10 by New Confirmed

Avg New Confirmed Cases / 1M

Waukesha County, WI	1,536
El Paso County, TX	1,534
Lubbock County, TX	1,392
Anoka County, MN	1,356
Utah County, UT	1,199
Douglas County, NE	1,129
Polk County, IA	1,123
Anchorage Municipality, AK	1,114
Ottawa County, MI	1,093
Adams County, CO	1,091

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



### Top 10 by New Deaths

Avg New Deaths/ 1M

El Paso County, TX	23
Lubbock County, TX	16
Madison County, IL	13
Jefferson County, AL	10
Westmoreland County, PA	9
Ottawa County, MI	9
Kent County, MI	9
Jefferson County, CO	8
Kane County, IL	8
Ramsey County, MN	8

**Note:** Lists includes counties  
≥ 250K population

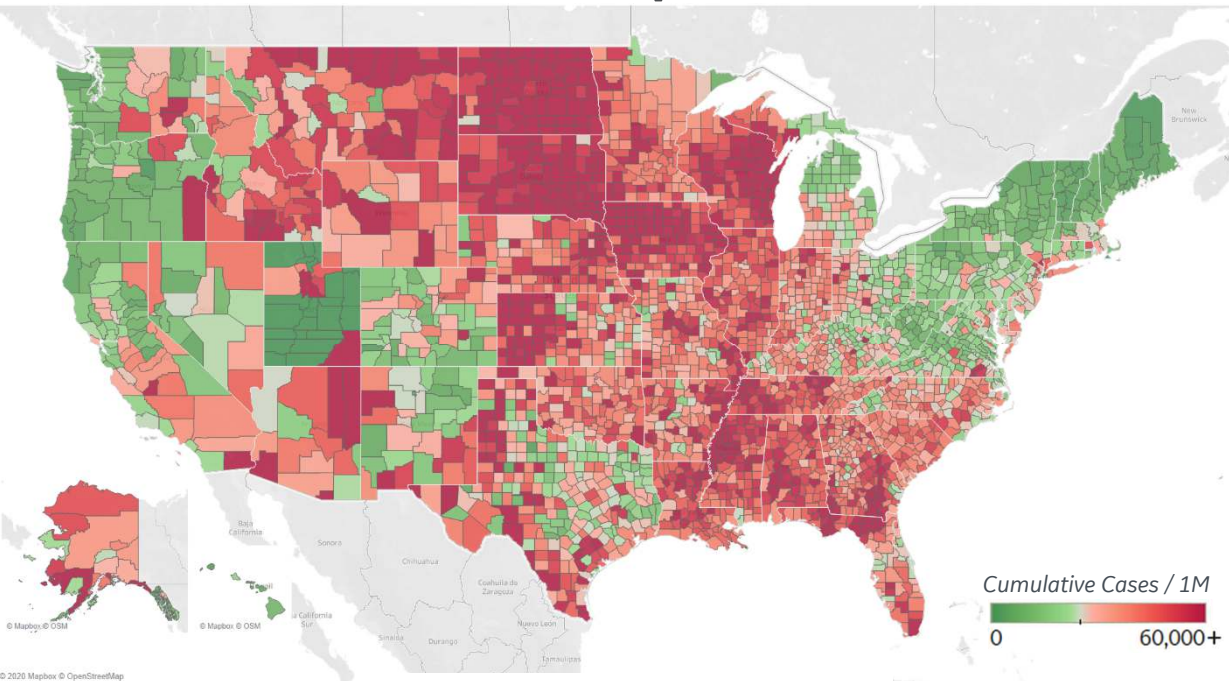




# US Counties: Cumulative Cases and Deaths



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

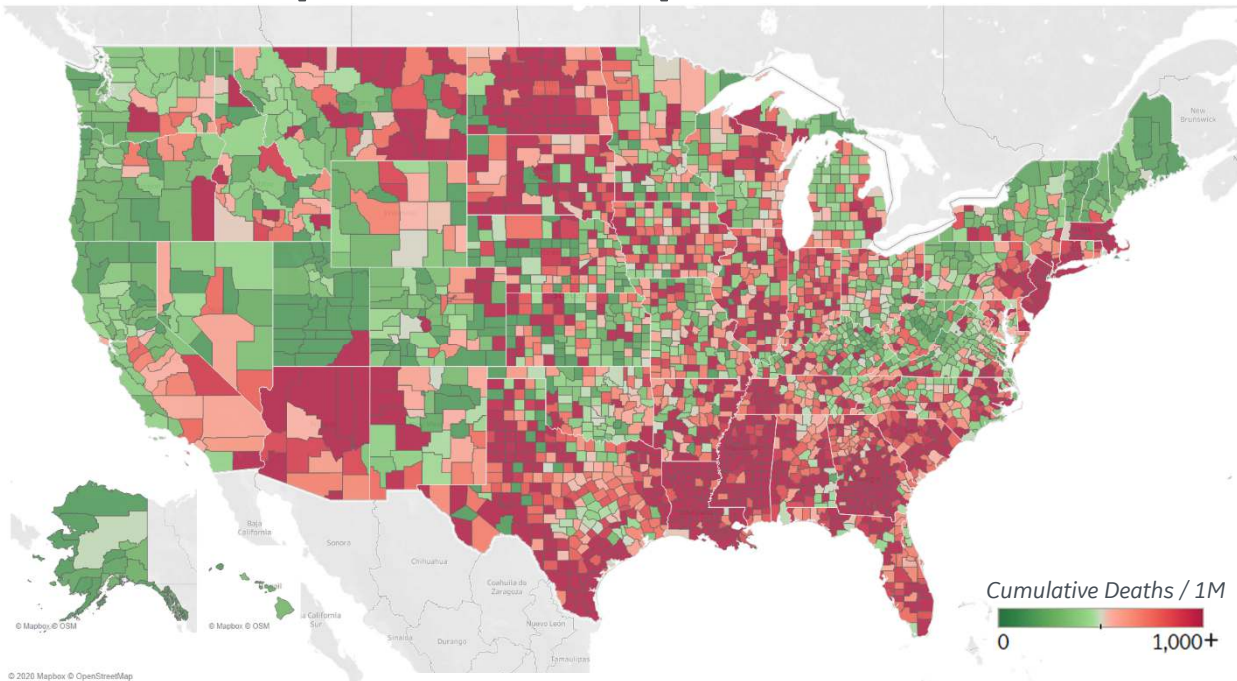


### Top 10 Counties

Total Confirmed Cases / 1M

El Paso County, TX	96,729
Lubbock County, TX	91,365
Brown County, WI	81,953
Miami-Dade County, FL	79,112
Utah County, UT	70,505
Milwaukee County, WI	69,831
Webb County, TX	67,612
Nueces County, TX	64,224
Polk County, IA	63,795
Salt Lake County, UT	63,311

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



### Top 10 Counties

Total Reported Deaths / 1M

New York City*	4,492
Essex County, NJ	2,756
Cameron County, TX	2,618
Passaic County, NJ	2,589
Union County, NJ	2,552
Hidalgo County, TX	2,337
Hudson County, NJ	2,316
Bergen County, NJ	2,254
Rockland County, NY	2,124
Hampden County, MA	1,893

**Note:** Lists includes counties  
≥ 250K population

\* New York City counties  
aggregated into one reporting area



## Per 1M in Region

	Today	Change
Active Cases	1,734	-1%
Confirmed	71 new	+0.3%
Deaths	1 new	+0.2%
Recovered	95 new	+0.5%

## Most Daily New Cases / 1M

Panama	253
Argentina	203
Costa Rica	183
Colombia	147
Brazil	137
Paraguay	89
Chile	71
Peru	61
Dom. Rep.	54
Ecuador	43

\* Excludes regions with population < 1M





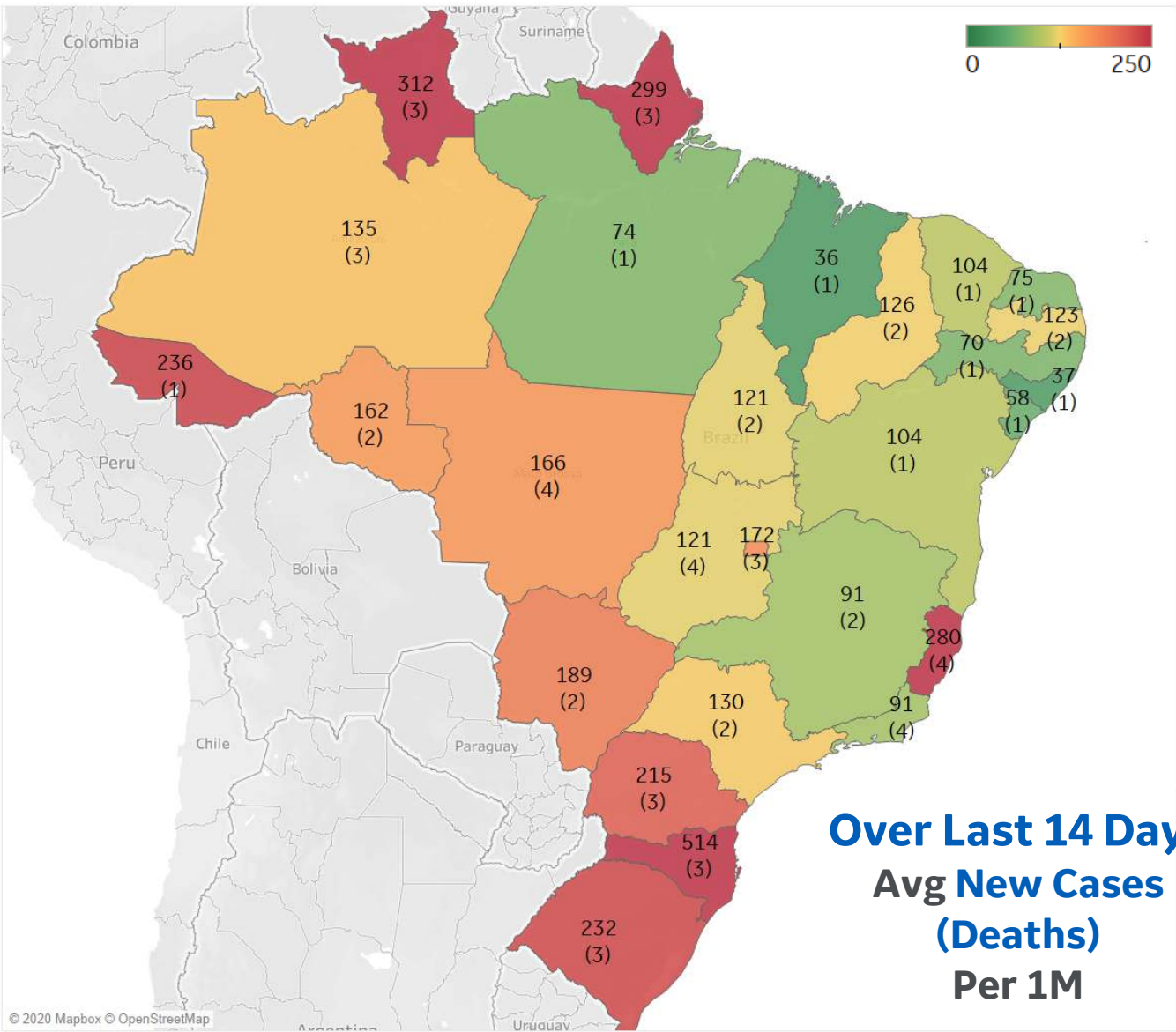
## Per 1M in Region

	Today	Change
Active Cases	2,090	-1%
Confirmed	88 new	+0.3%
Deaths	1 new	+0.1%
Recovered	97 new	+0.4%

## Most Daily New Cases / 1M

Santa Catarina	514
Espírito Santo	280
Rio Grande do ..	232
Paraná	215
MatoGrosso do ..	189
Distrito Federal	172
MatoGrosso	166
Rondônia	162
Amazonas	135
São Paulo	130

\* Excludes regions with population < 1M







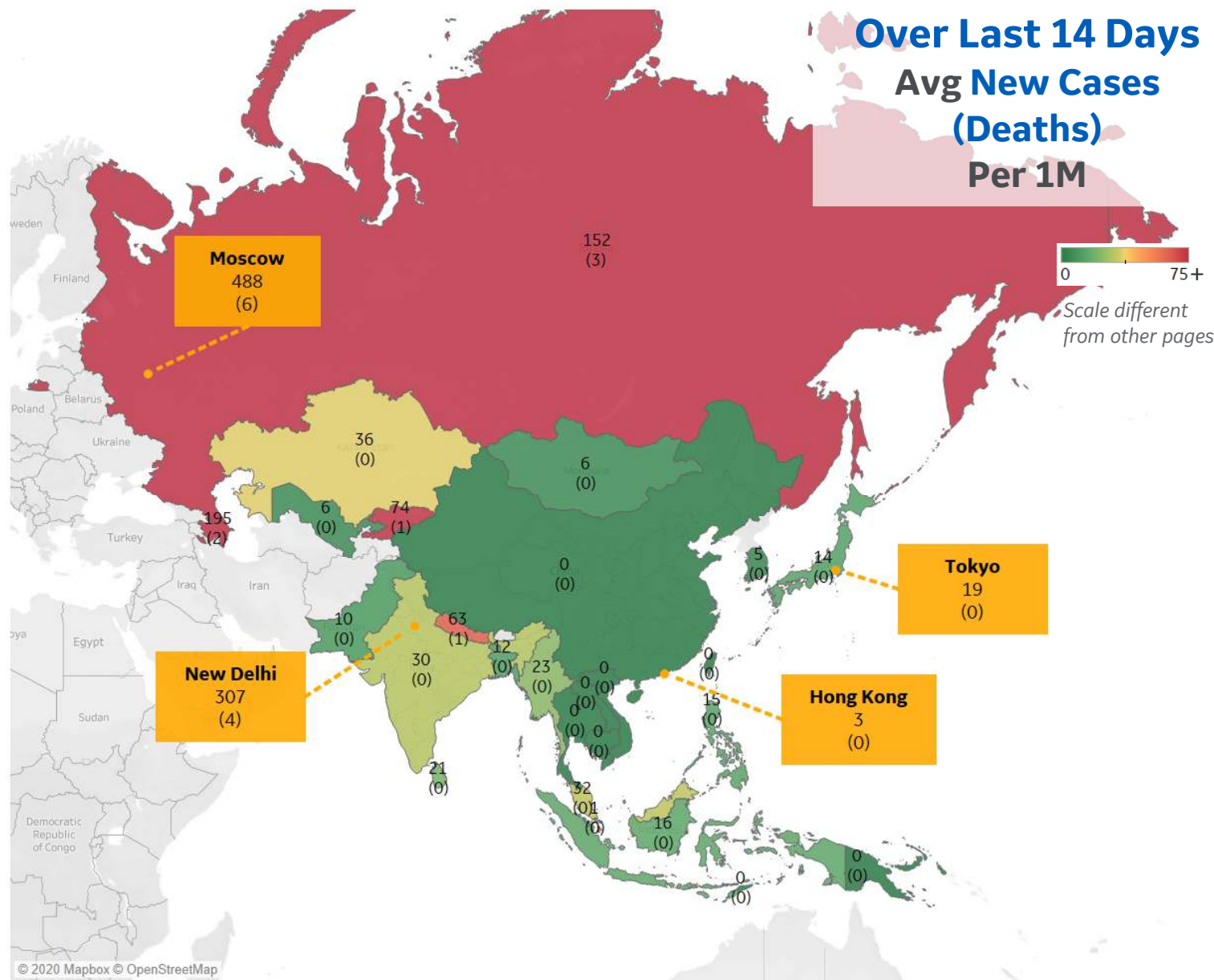
## Per 1M in Region

	Today	Change
Active Cases	284	+0%
Confirmed	21 new	+1%
Deaths	0.3 new	+1%
Recovered	21 new	+1%

## Most Daily New Cases / 1M

Azerbaijan	195
Russia	152
Kyrgyzstan	74
Nepal	63
Kazakhstan	36
Malaysia	32
India	30
Myanmar	23
Sri Lanka	21
Indonesia	16

\* Excludes regions with population < 1M





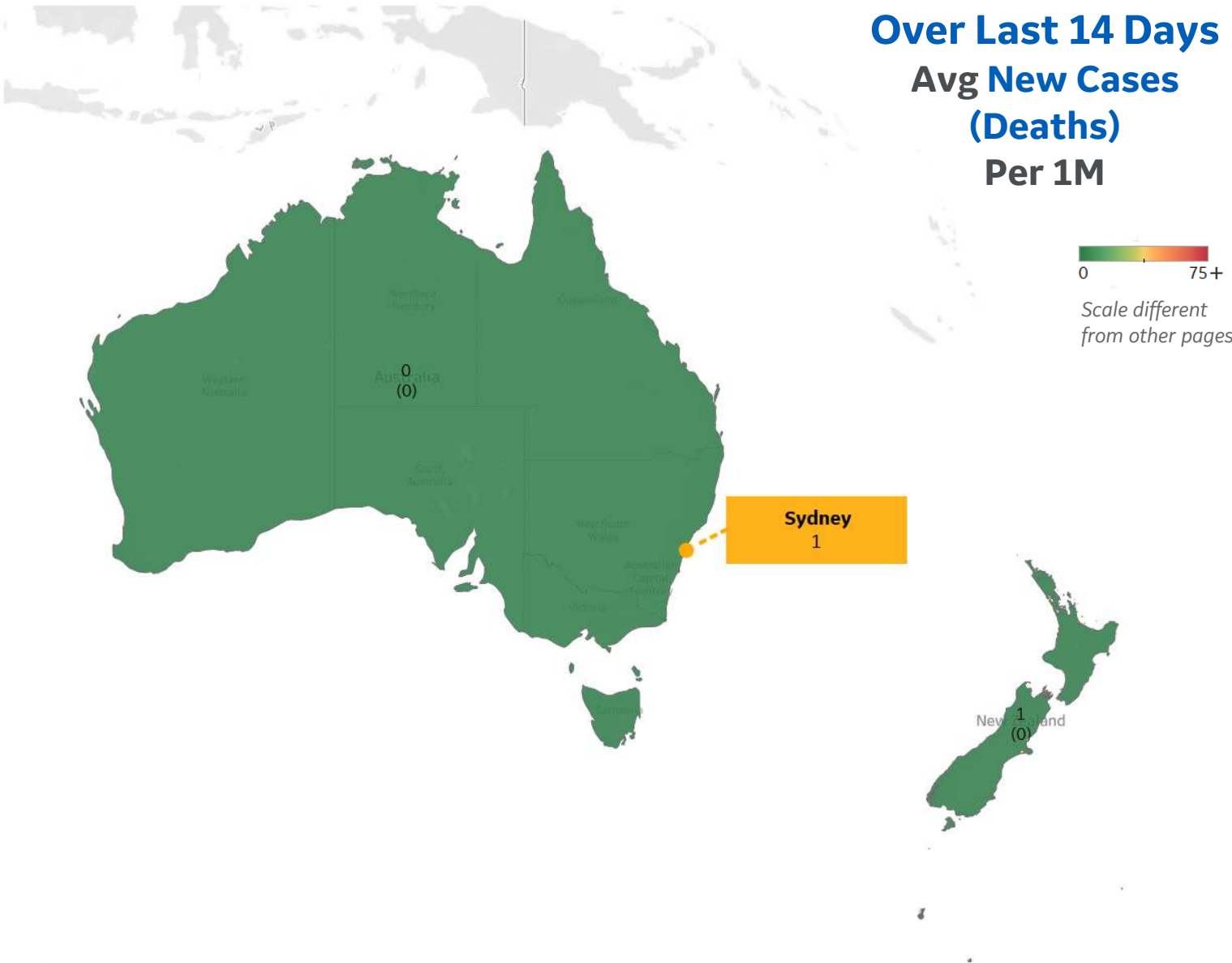
Per 1M in Region

	Today	Change
Active Cases	47	+0.7%
Confirmed	0.5 new	+0.1%
Deaths	0 new	+0%
Recovered	0 new	+0%

Most Daily New Cases / 1M

New Zealand	1
Australia	0

\* Excludes regions with population < 1M





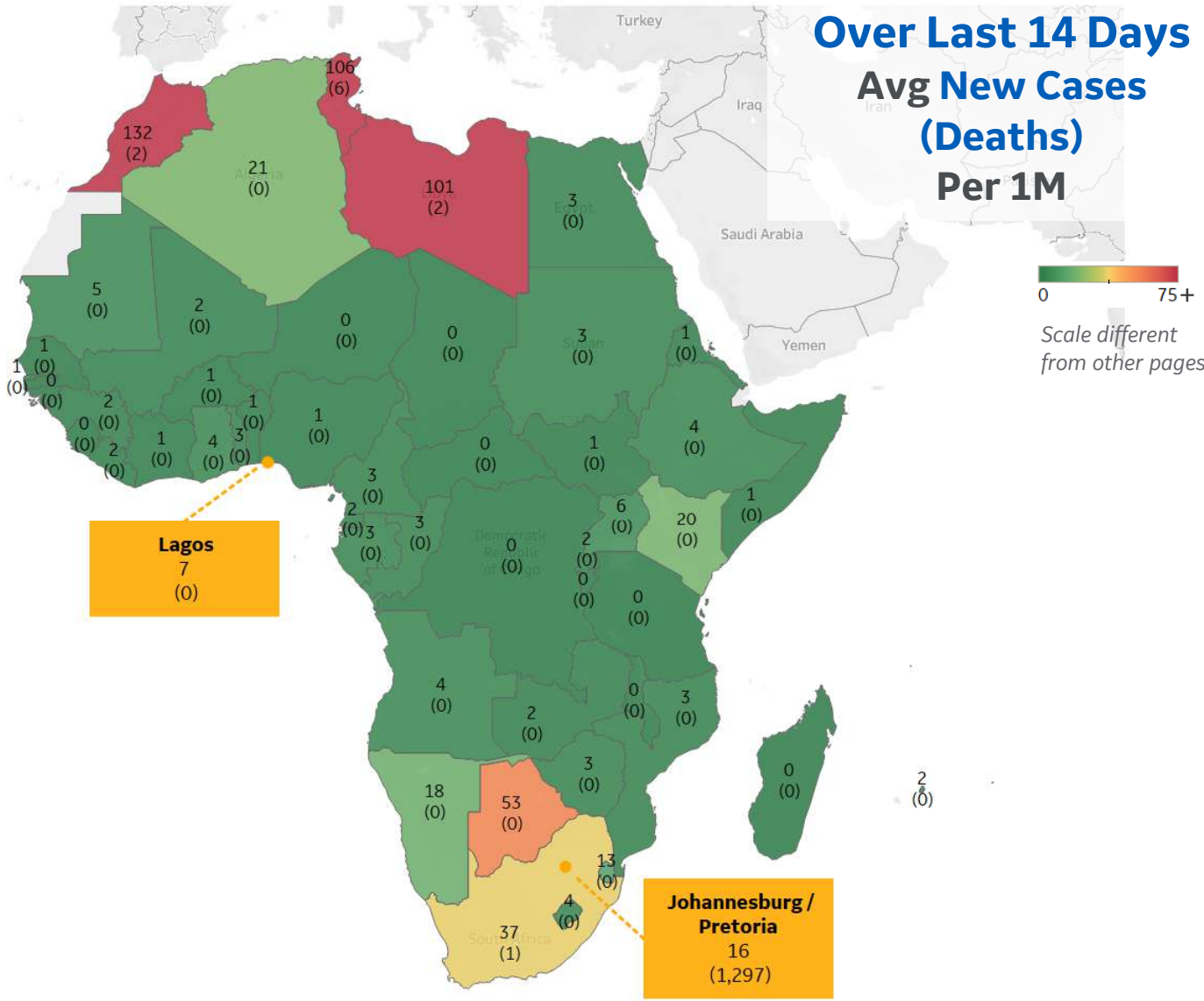
## Per 1M in Region

	Today	Change
Active Cases	207	+1%
Confirmed	10 new	+0.6%
Deaths	0.2 new	+0.6%
Recovered	8 new	+0.6%

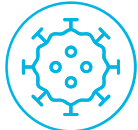
## Most Daily New Cases / 1M

Morocco	132
Tunisia	106
Libya	101
Botswana	53
South Africa	37
Algeria	21
Kenya	20
Namibia	18
Eswatini	13
Uganda	6

\* Excludes regions 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>

**City of New York, NYC Health:**

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

**Chicago Coronavirus Latest Data:**

<https://www.chicago.gov/city/en/sites/covid-19/home/latest-data.html>

**National Health Commission of the PRC:**

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

**Korean Centers for Disease Control and Prevention:**

[http://www.cdc.go.kr/cdc\\_eng/](http://www.cdc.go.kr/cdc_eng/)

**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>

**COVID-19 Information for Switzerland:**

<https://www.corona-data.ch/>

**The COVID Tracking Project:**

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

**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>

Worldwide Survival Rate, last 30d calculation =

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

**Provincial Health Services Authority of Canada. BC Center for Disease Control:**

<http://www.bccdc.ca/about/news-stories/stories/2020/information-on-novel-coronavirus>

**Secretary of Health, Mexico:**

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

**OECD Economic Outlooks, Statistics:**

[https://www.oecd-ilibrary.org/economics/data/oecd-economic-outlook-statistics-and-projections\\_eo-data-en](https://www.oecd-ilibrary.org/economics/data/oecd-economic-outlook-statistics-and-projections_eo-data-en)

**Public Health Authority of Sweden:**

<https://www.folkhalsomyndigheten.se/smittskydd-beredskap/utbrott/aktuella-utbrott/covid-19/bekraftade-fall-i-sverige>

**National Public Health Agency of France:**

<https://www.santepubliquefrance.fr/regions/ile-de-france/documents/bulletin-regional/2020/covid-19-point-epidemiologique-en-ile-de-france-du-23-avril-2020>

**Florida Department of Health, COVID-19 Response:**

<https://floridahealthcovid19.gov>

**CDC:**

<https://www.cdc.gov/covid-data-tracker/index.html#demographics>

**CDC Provisional COVID19 Deaths Counts**

<https://data.cdc.gov/NCHS/Provisional-COVID-19-Death-Counts-by-Sex-Age-and-S/9bhg-hcku>

**Johns Hopkins Coronavirus Resource Center:**

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

**Ministry of Health of the Russian Federation:**

<https://xn--80aesfpebagmfbcl0a.xn--p1ai/information/>

**Airline Impact, OAG Aviation Worldwide:**

<https://www.oag.com/coronavirus-airline-schedules-data>

**US Transportation Security Administration, Checkpoint Travel Numbers:**

<https://www.tsa.gov/coronavirus/passenger-throughput>