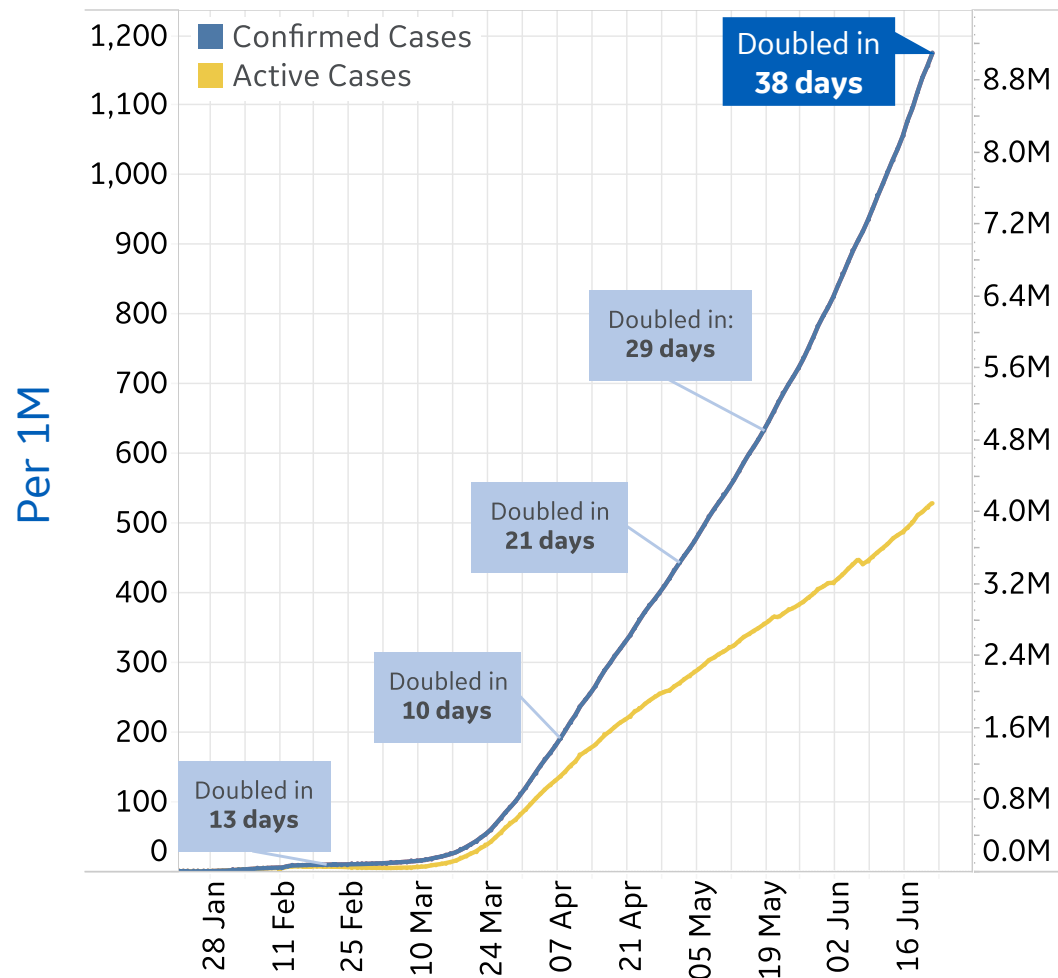




Global Confirmed & Active Cases

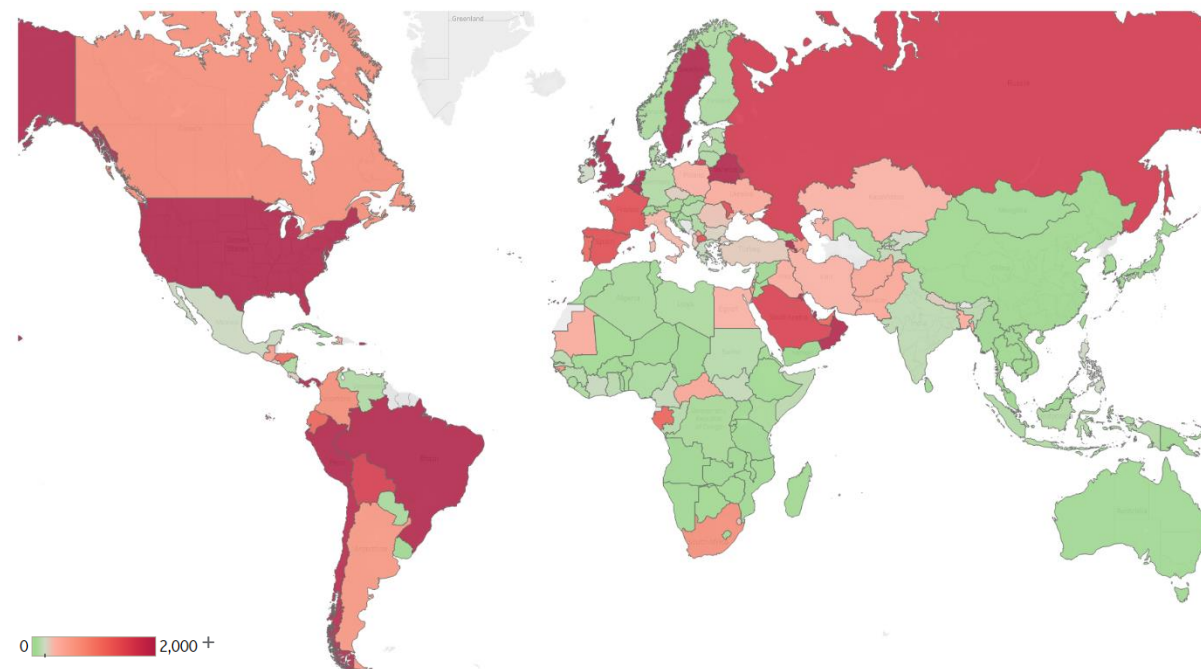


Trend since 22 Jan



Today per 1M

Active cases = Confirmed - Recovered - Deaths



Per 1M:	Today	Change
Active Today	529	+1%
Active	6 new	+1%
Confirmed	18 new	+2%
Deaths	0.5 new	+1%
Recovered	11 new	+2%

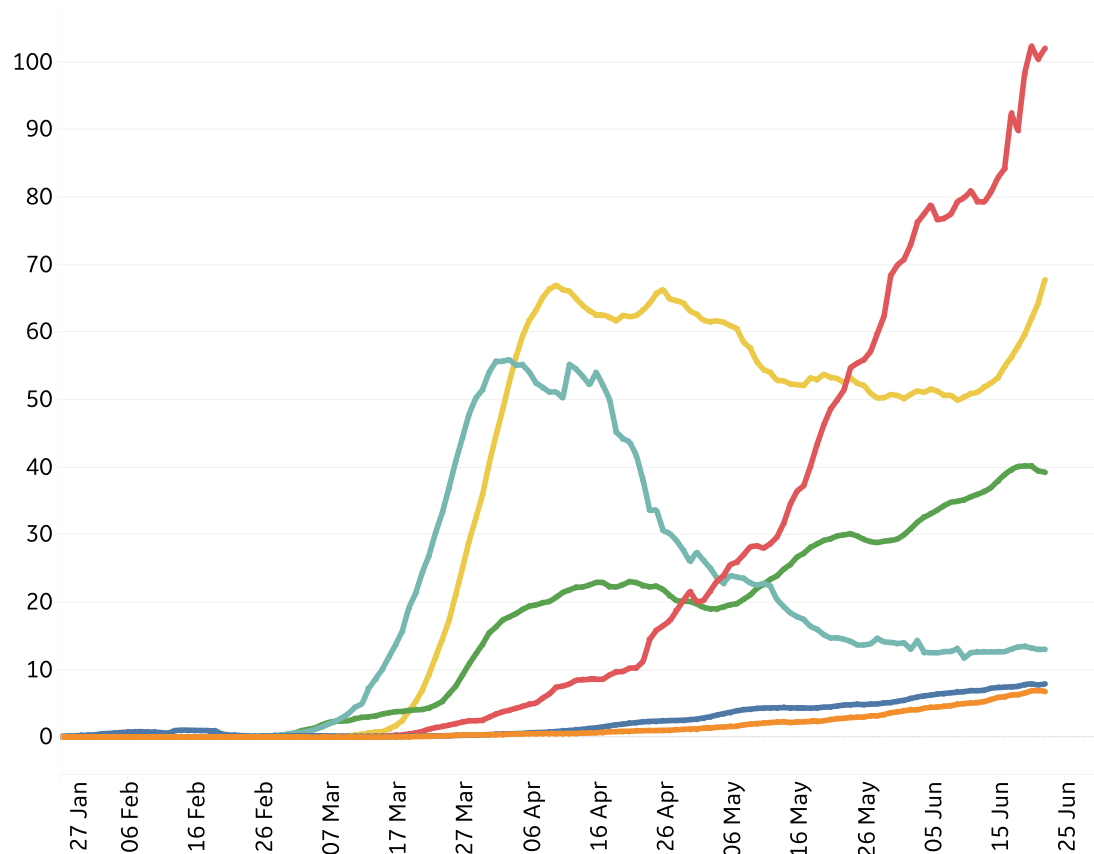


New Confirmed Cases & New Deaths

Key **North America** **Europe** **Middle East** **Central/South America** **Asia** **Africa**

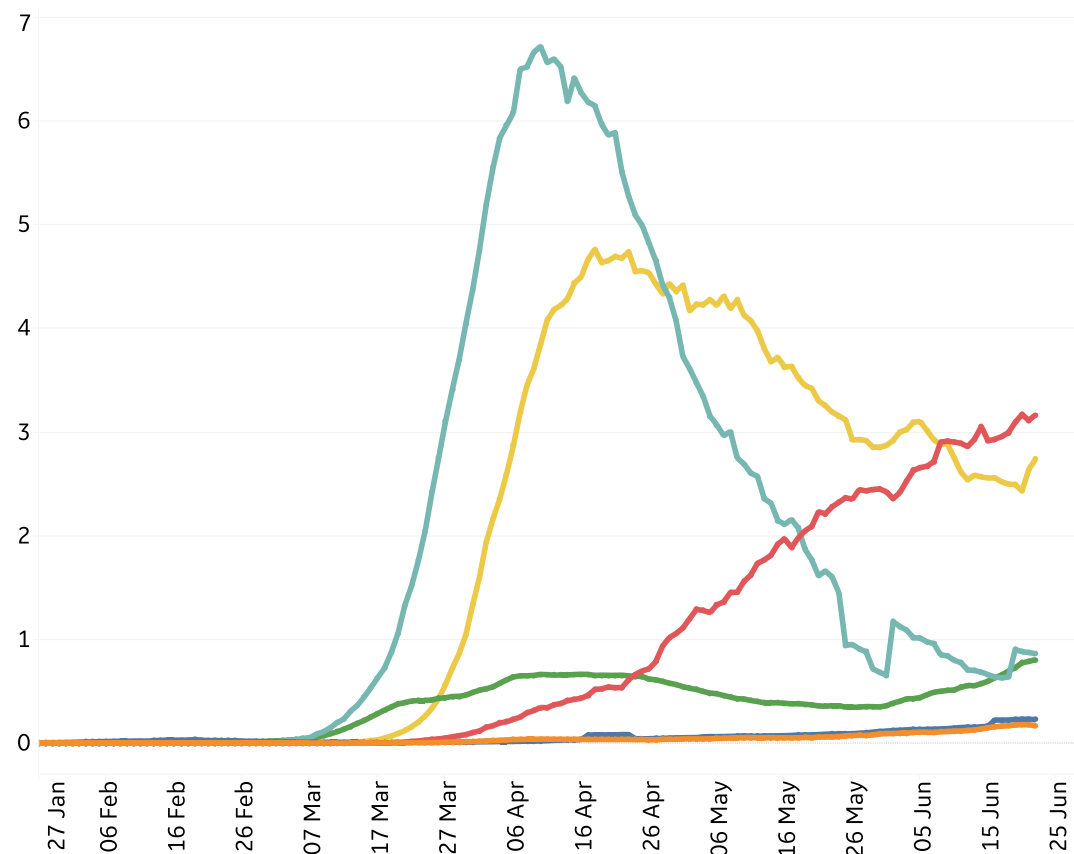
New Confirmed Cases / 1M

7-day rolling average



New Deaths / 1M

7-day rolling average





Top 50 Countries: Per 1M

1 - 25

	Active Today	Today			Total since 22 Jan		
		Confirmed	Deaths	Recovered	Total Confirmed	Total Deaths	Total Recovered
Qatar	6,369	359	0	568	30,684	34	24,281
Sweden	5,328	8	1	0	5,835	507	0
US	4,688	94	1	54	6,986	364	1,934
UK	3,870	14	0	0	4,519	629	19
Armenia	3,745	108	3	43	6,948	121	3,081
Bahrain	3,221	378	1	261	13,168	38	9,910
Peru	3,151	185	11	101	7,808	249	4,407
Belgium	2,941	0	0	0	5,225	837	1,447
Oman	2,846	314	1	168	6,085	27	3,213
Panama	2,681	167	5	71	6,200	121	3,399
Netherlands	2,543	4	0	0	2,910	357	11
Belarus	2,196	55	1	27	6,246	37	4,013
Brazil	2,133	109	3	64	5,205	241	2,831
Chile	1,939	241	1	253	12,919	236	10,745
Kuwait	1,918	150	1	124	9,435	77	7,439
Russia	1,641	52	1	32	4,053	56	2,356
Bolivia	1,612	95	4	35	2,184	70	502
Saudi Arabia	1,566	97	1	116	4,625	38	3,021
Moldova	1,454	40	2	31	3,561	119	1,988
Spain	1,450	5	0	0	5,272	606	3,216
North Macedo..	1,428	43	4	24	2,494	119	948
France	1,424	6	0	4	3,024	454	1,145
Ecuador	1,214	0	0	0	2,870	239	1,416
Gabon	1,212	140	2	113	2,129	18	899
UAE	1,209	38	0	64	4,581	31	3,341

26 - 50

	Active Today	Today			Total since 22 Jan		
		Confirmed	Deaths	Recovered	Total Confirmed	Total Deaths	Total Recovered
Portugal	1,207	25	0	17	3,863	150	2,506
Honduras	1,171	59	3	7	1,348	40	138
Singapore	1,145	37	0	110	7,233	4	6,083
Dom. Rep.	1,047	64	1	19	2,523	62	1,414
EU	815	6	0	5	2,786	297	1,674
Eq. Guinea	796	0	0	0	1,186	23	367
Colombia	784	50	1	31	1,403	48	570
South Africa	778	72	1	31	1,713	34	901
Canada	774	9	0	12	2,740	225	1,741
Guinea-Bissau	684	8	1	19	791	10	97
Argentina	680	47	1	9	994	23	291
Kosovo	588	370	2	51	1,175	20	567
Guatemala	581	35	1	6	769	31	157
Azerbaijan	580	47	1	36	1,303	16	707
Israel	579	35	0	8	2,436	35	1,821
Afghanistan	507	8	0	2	749	15	227
Central Africa..	505	32	1	4	613	6	102
Pakistan	488	18	0	10	838	17	333
Ukraine	453	16	0	4	870	23	394
Mauritania	453	29	0	21	671	24	195
Haiti	447	12	0	0	457	8	2
Iraq	416	45	2	22	812	29	368
Bangladesh	410	21	0	10	703	9	284
Egypt	385	15	1	4	555	22	148
Total World	529	18	0	11	1,175	61	584

Several countries are revising and updating case counts

Confirmed cases in **Israel** increased 10% in the last 7 days

Top 50 countries selected by Active Cases / 1M
Excluded countries with population < 1M



Top 50 Countries: Raw Volume



1 - 25

	Active Cases	Today			Total since 22 Jan		
		Confirmed	Deaths	Recovered	Total Confirmed	Total Deaths	Total Recovered
US	1,551,702	31,012	425	18,065	2,312,302	120,402	640,198
Brazil	453,463	23,129	680	13,618	1,106,470	51,271	601,736
EU	362,827	2,612	95	2,311	1,240,273	132,087	745,359
UK	262,708	958	14	3	306,761	42,731	1,322
Russia	239,422	7,586	95	4,705	591,465	8,196	343,847
Pakistan	107,868	3,946	105	2,013	185,034	3,695	73,471
Peru	103,904	6,109	362	3,353	257,447	8,223	145,320
France	92,979	373	23	240	197,381	29,666	74,736
Spain	67,804	232	1	0	246,504	28,324	150,376
Bangladesh	67,529	3,480	38	1,678	115,786	1,502	46,755
Saudi Arabia	54,523	3,393	40	4,045	161,005	1,307	105,175
Sweden	53,810	84	11	0	58,932	5,122	0
South Africa	46,155	4,288	61	1,836	101,590	1,991	53,444
Netherlands	43,571	65	0	0	49,866	6,109	186
Colombia	39,917	2,531	73	1,612	71,367	2,426	29,024
Egypt	39,398	1,576	85	397	56,809	2,278	15,133
Chile	37,064	4,608	23	4,828	246,963	4,502	205,397
Belgium	34,083	0	0	0	60,550	9,696	16,771
Argentina	30,735	2,146	32	425	44,931	1,043	13,153
Canada	29,203	340	12	472	103,418	8,494	65,721
Ecuador	21,426	0	0	0	50,640	4,223	24,991
Belarus	20,749	518	5	257	59,023	351	37,923
Afghanistan	19,718	324	17	77	29,157	598	8,841
Ukraine	19,823	695	10	133	38,056	1,022	17,211
Bolivia	18,816	1,105	47	403	25,493	820	5,857

26 - 50

	Active Cases	Today			Total since 22 Jan		
		Confirmed	Deaths	Recovered	Total Confirmed	Total Deaths	Total Recovered
Qatar	18,348	1,034	1	1,637	88,403	99	69,956
Iraq	16,724	1,808	67	850	32,676	1,167	14,785
Oman	14,531	1,605	6	856	31,076	137	16,408
Portugal	12,310	259	4	172	39,392	1,534	25,548
UAE	11,954	378	1	631	45,303	303	33,046
Honduras	11,599	587	32	69	13,356	395	1,362
Panama	11,567	722	20	305	26,752	521	14,664
Dom. Rep.	11,363	693	7	200	27,370	669	15,338
Armenia	11,097	320	10	129	20,588	360	9,131
Guatemala	10,404	624	16	107	13,769	547	2,818
Kuwait	8,191	641	4	530	40,291	330	31,770
Singapore	6,697	218	0	648	42,313	26	35,590
Azerbaijan	5,878	478	7	369	13,207	161	7,168
Moldova	5,864	163	7	123	14,363	480	8,019
Bahrain	5,480	643	2	443	22,407	65	16,862
Haiti	5,099	134	0	0	5,211	88	24
Israel	5,014	304	1	67	21,082	307	15,761
North Macedo..	2,975	90	9	48	5,196	247	1,974
Gabon	2,698	311	5	252	4,739	39	2,002
Central Africa..	2,438	155	7	23	2,963	30	495
Mauritania	2,104	137	1	94	3,121	112	905
Guinea-Bissau	1,346	15	2	38	1,556	19	191
Eq. Guinea	1,117	0	0	0	1,664	32	515
Kosovo	1,085	683	4	94	2,169	37	1,047
Total World	4,100,139	141,999	3,774	91,705	9,098,643	472,171	4,526,333

Several countries are revising and updating case counts

52% of all reported fatalities are in **US, Brazil, UK, and France**

Top 50 countries selected by Active Cases / 1M
Excluded countries with population < 1M

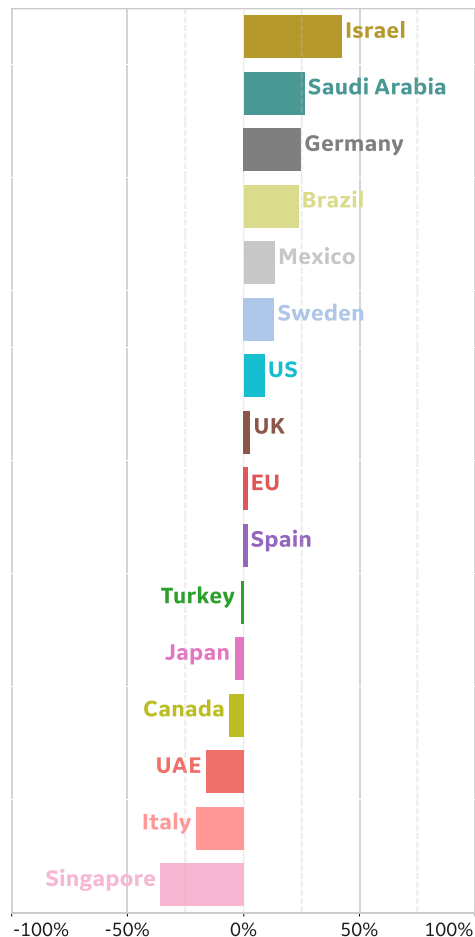


% Change in Case Volume in Select Countries

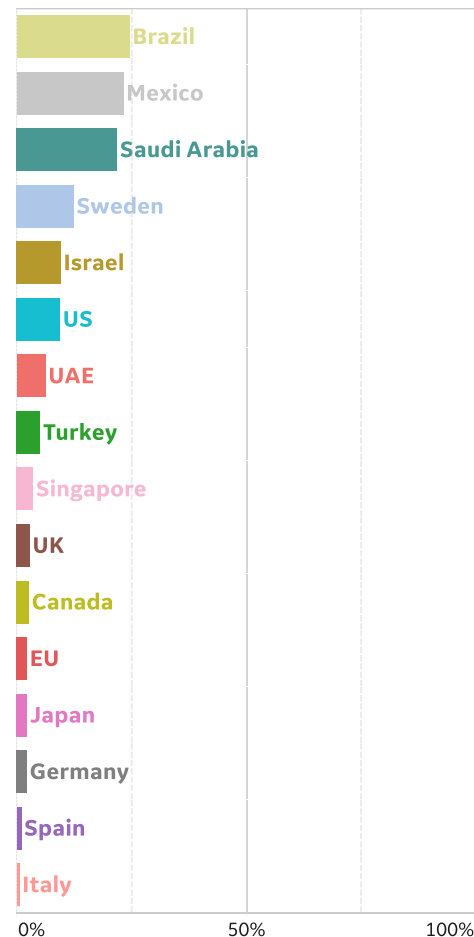


Over Previous 7 days

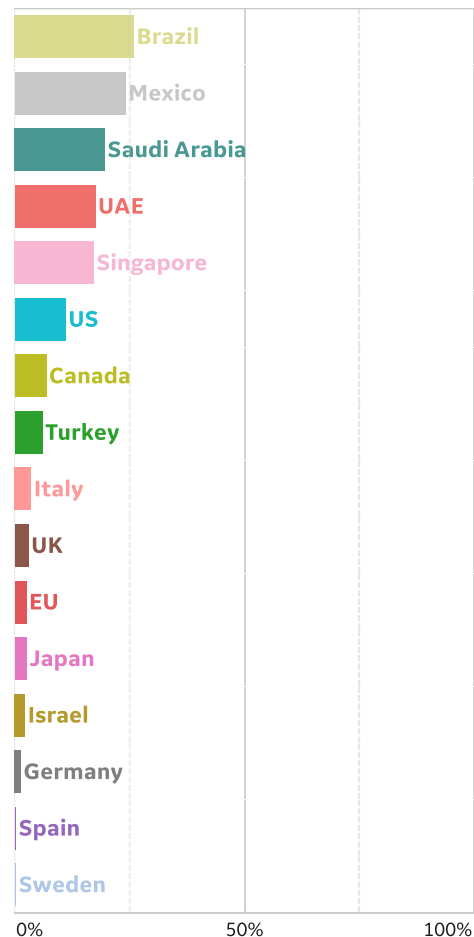
Active Cases



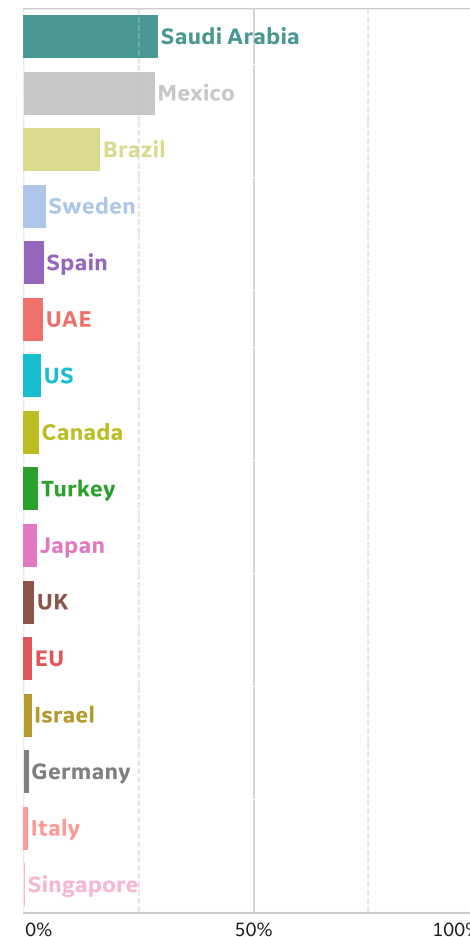
Confirmed Cases



Reported Recoveries



Reported Deaths



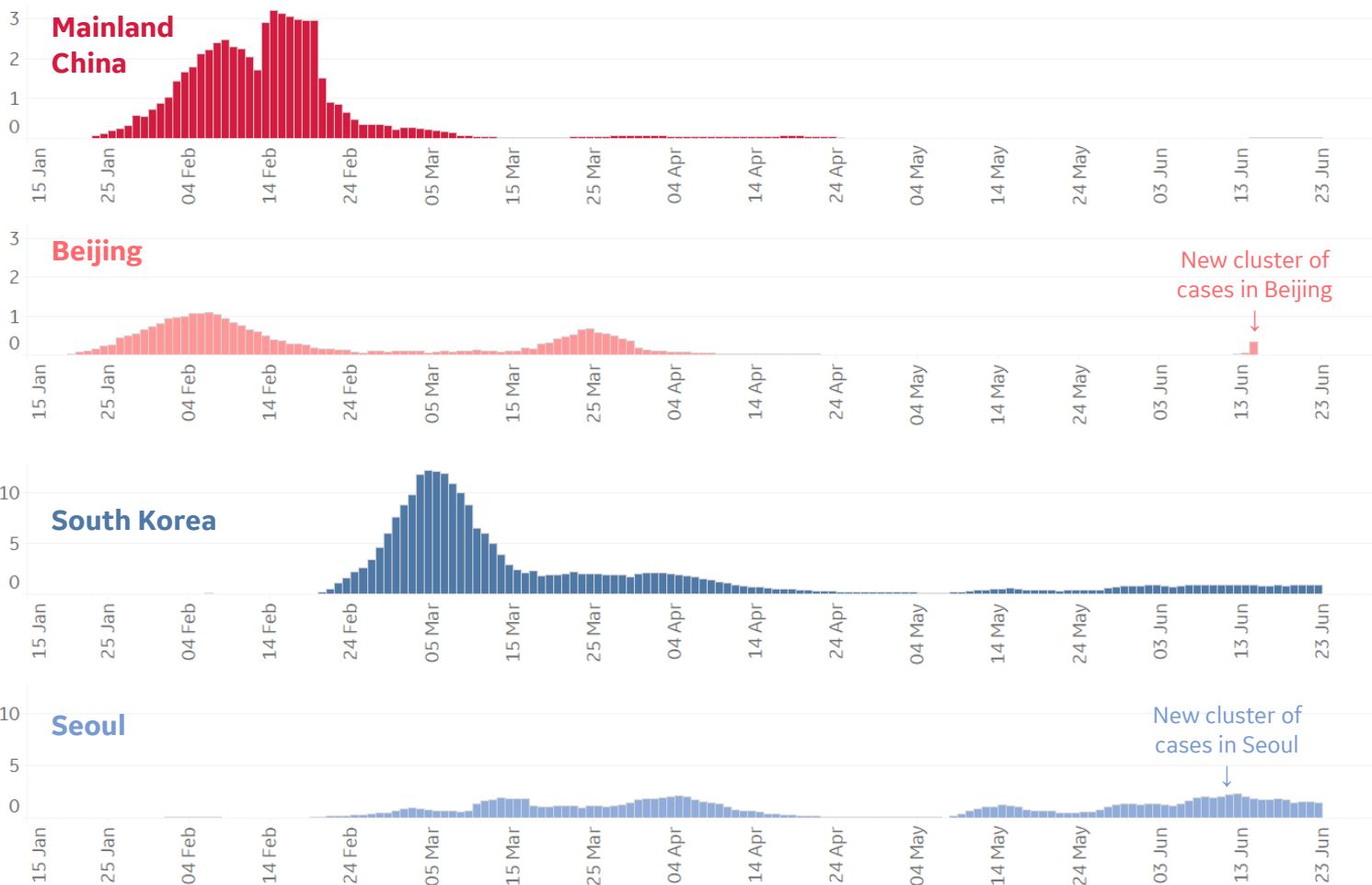


Feature: Uptick of Cases in China and South Korea



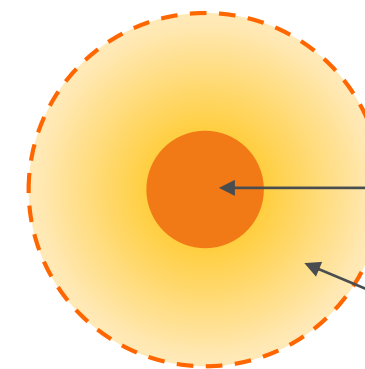
Daily New Confirmed / 1M (7-day rolling avg)

Both China and South Korea have experienced clusters of new cases appearing in certain major cities over the last few weeks



Contact Tracing in China

On average, each confirmed case is **linked to 9.1** other individuals who had “close contact” with an infected person

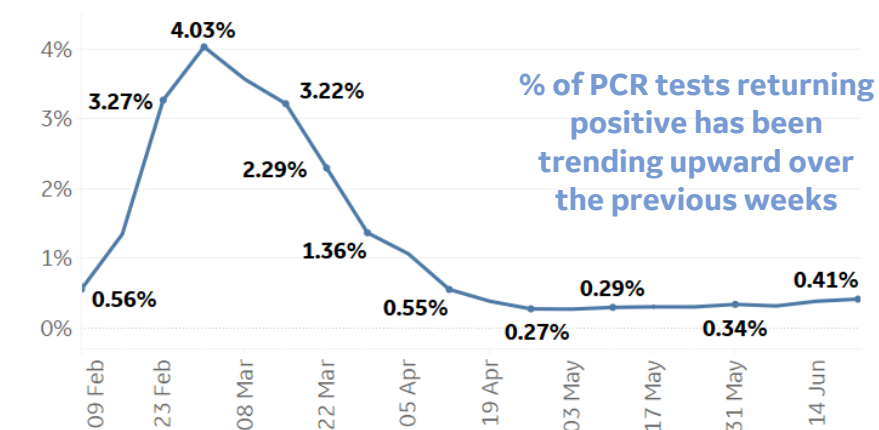


Since the beginning of the pandemic:

83,418 cumulative confirmed cases reported in China

758,718 people identified as having had close contact with infected patients

% Positive PCR Tests in S. Korea

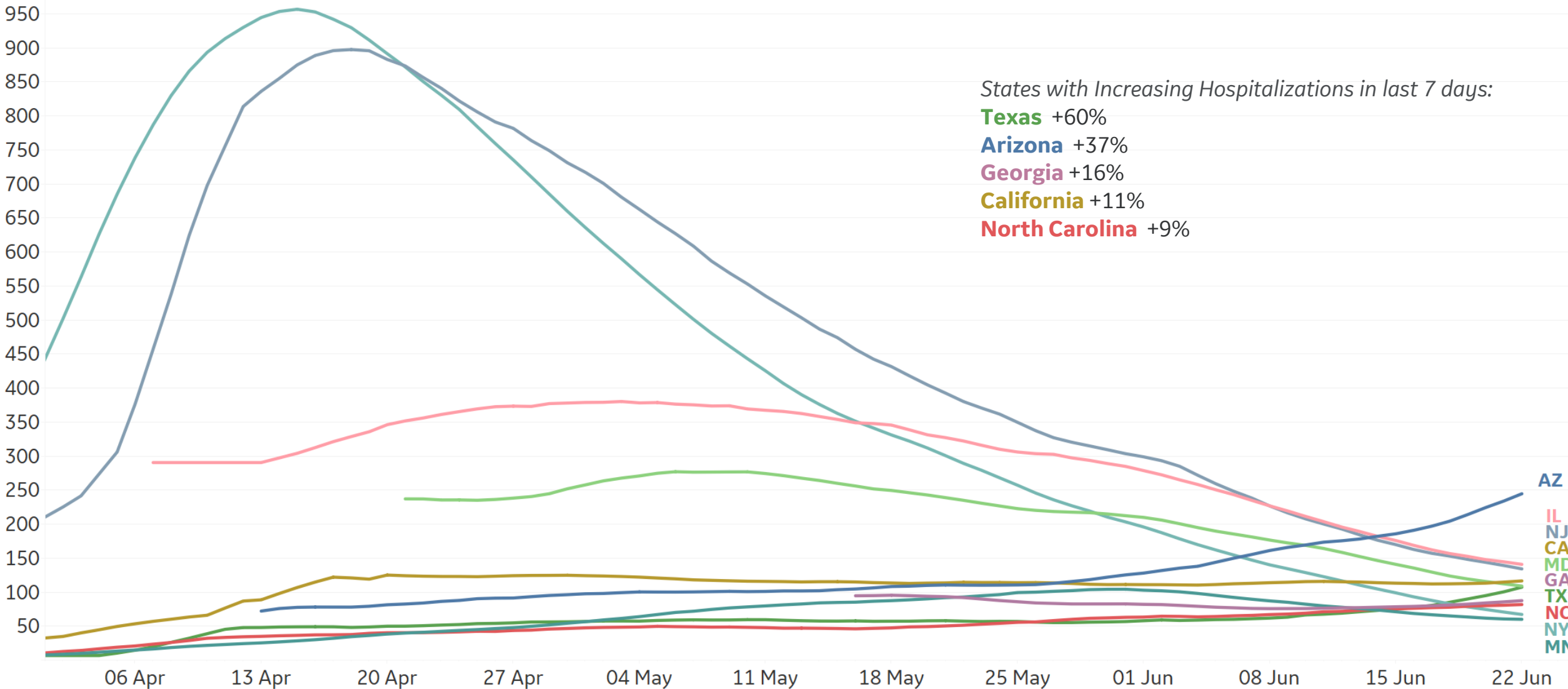




Feature: Hospitalizations in Select States

Current Hospitalizations / 1M since 1 April

7-day Rolling Avg

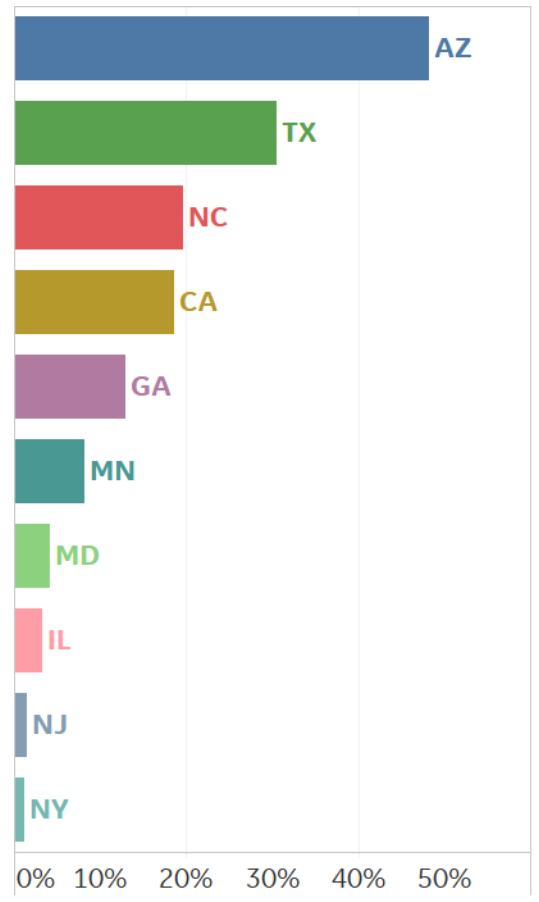




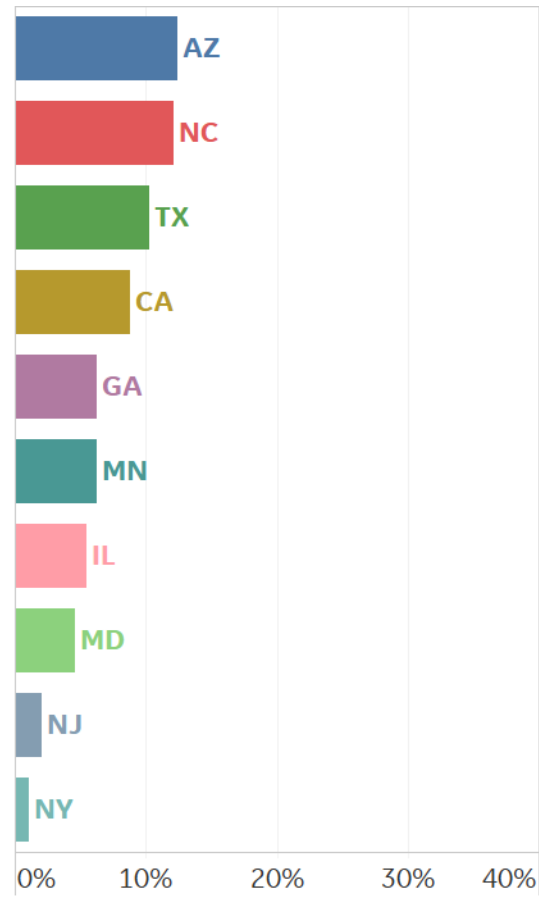
Feature: % Change in Volumes, Select States

From 15 June to 22 June

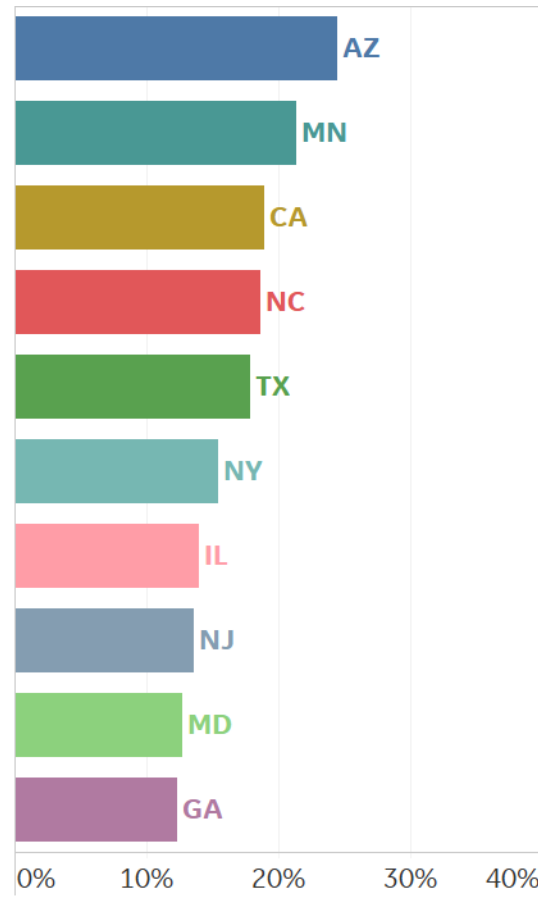
Confirmed Cases



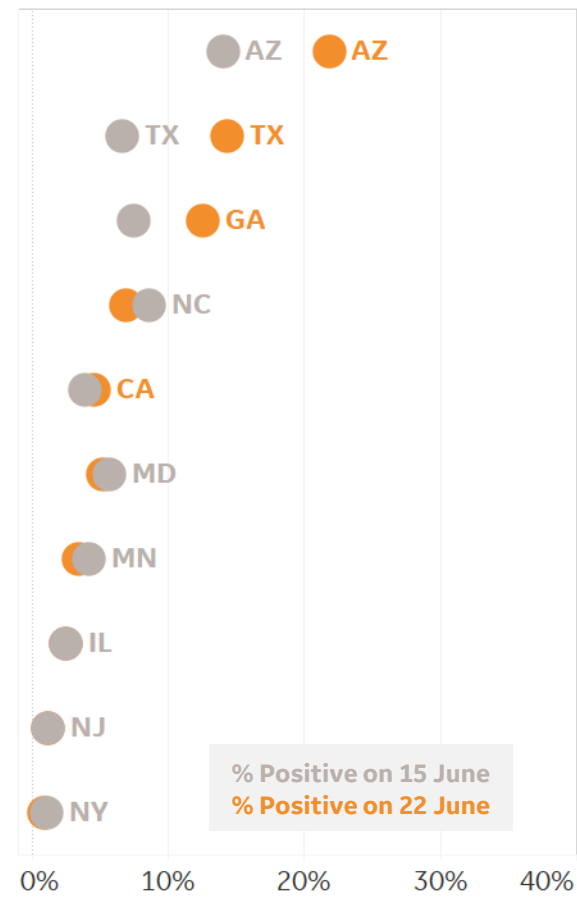
Reported Deaths



Total Tests



%Positive





Europe & Middle East



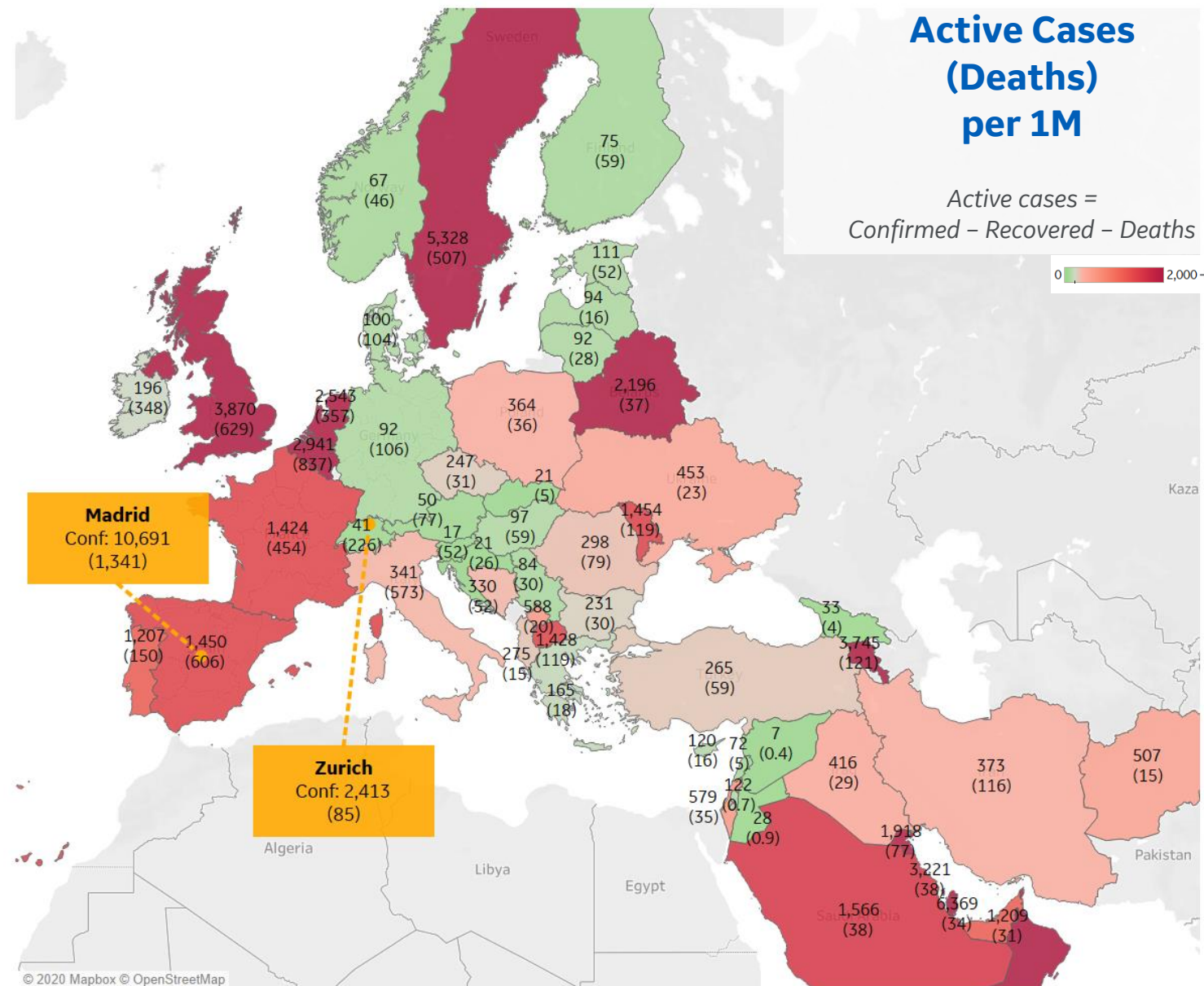
Per 1M in Region

	Today	Change
Active Cases	933	+0%
Confirmed	21 new	+1%
Deaths	0.5 new	+0.2%
Recovered	17 new	+1%

Most Active Cases per 1M

Qatar	6,369
Sweden	5,328
UK	3,870
Armenia	3,745
Bahrain	3,221
Belgium	2,941
Oman	2,846
Netherlands	2,543
Belarus	2,196
Kuwait	1,918

* Excludes regions with population < 1M





Per 1M in Region

	Today	Change
Active Cases	3,621	+0.4%
Confirmed	13 new	+0.3%
Deaths	0.2 new	+0.04%
Recovered	0 new	+0%

Most Active Cases per 1M

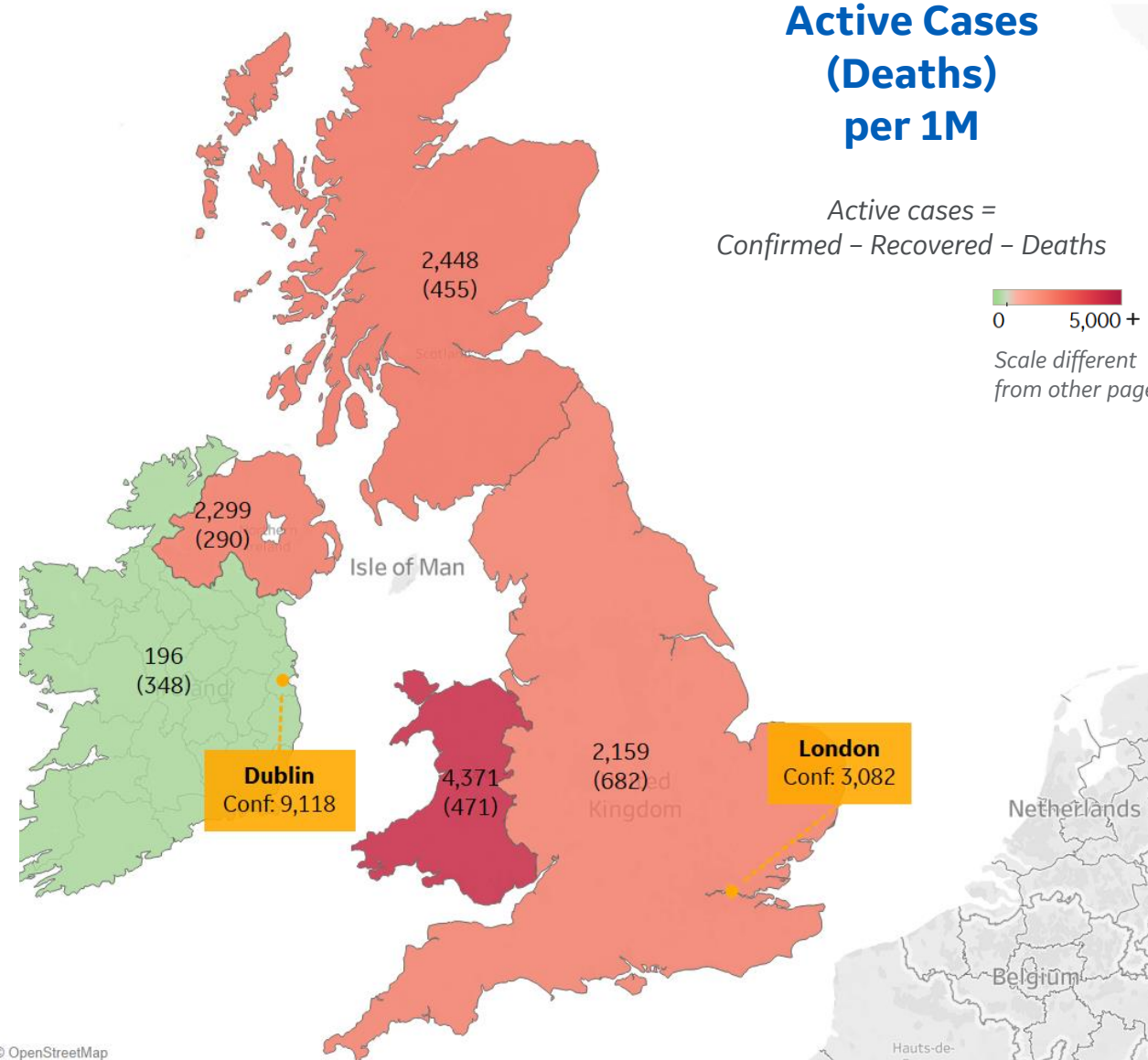
Wales	4,371
Scotland	2,448
Northern Ireland	2,299
England	2,159
Ireland	196

Active Cases (Deaths) per 1M

Active cases =
Confirmed - Recovered - Deaths

0 5,000+

Scale different
from other pages



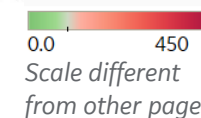
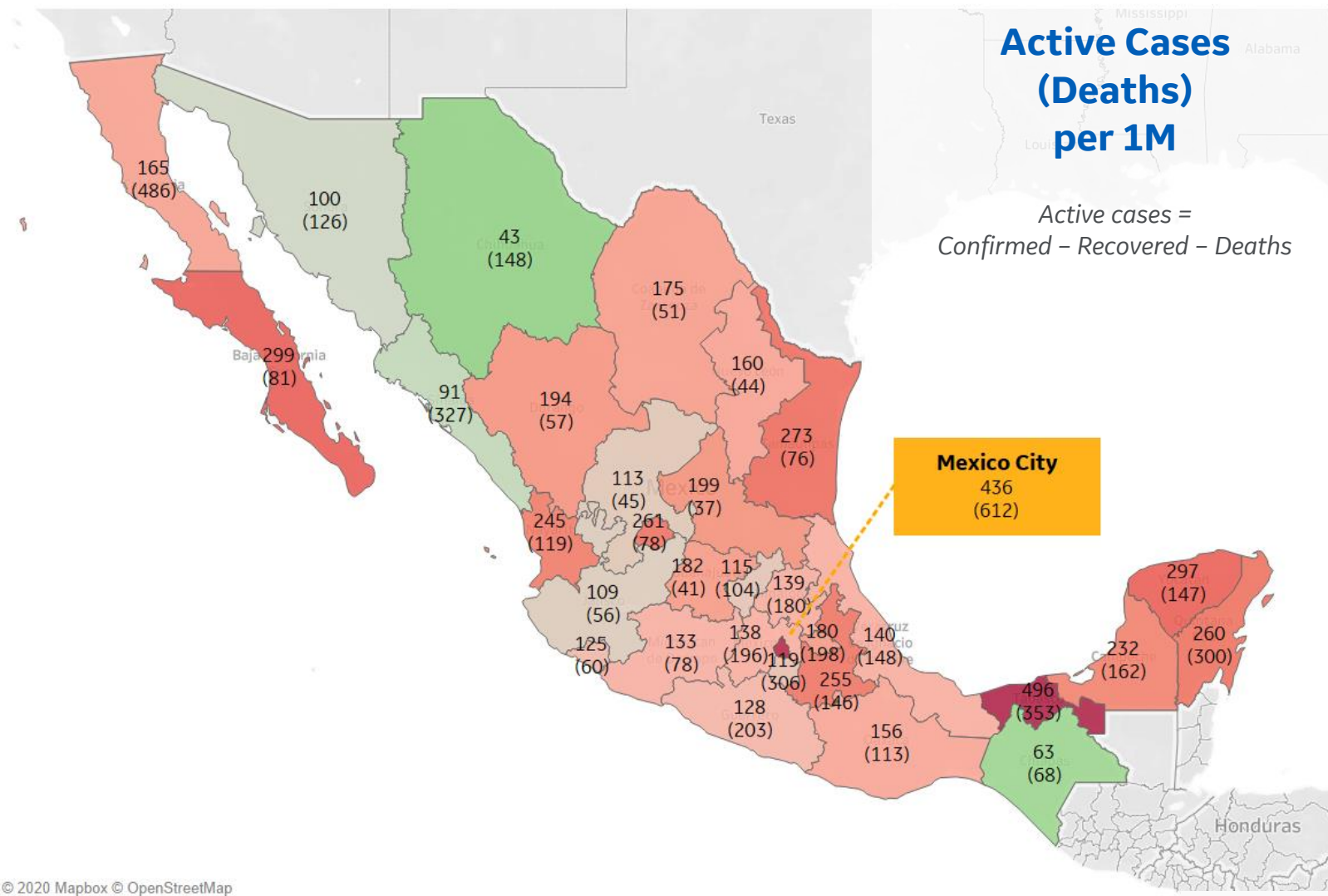


Per 1M in Region

	Today	Change
Active Cases	180	-4%
Confirmed	35 new	+3%
Deaths	6 new	+3%
Recovered	38 new	+4%

Most Active Cases per 1M

Tabasco	496
Distrito Federal	436
Baja California Sur	299
Yucatan	297
Tamaulipas	273
Aguascalientes	261
Quintana Roo	260
Puebla	255
Nayarit	245
Campeche	232



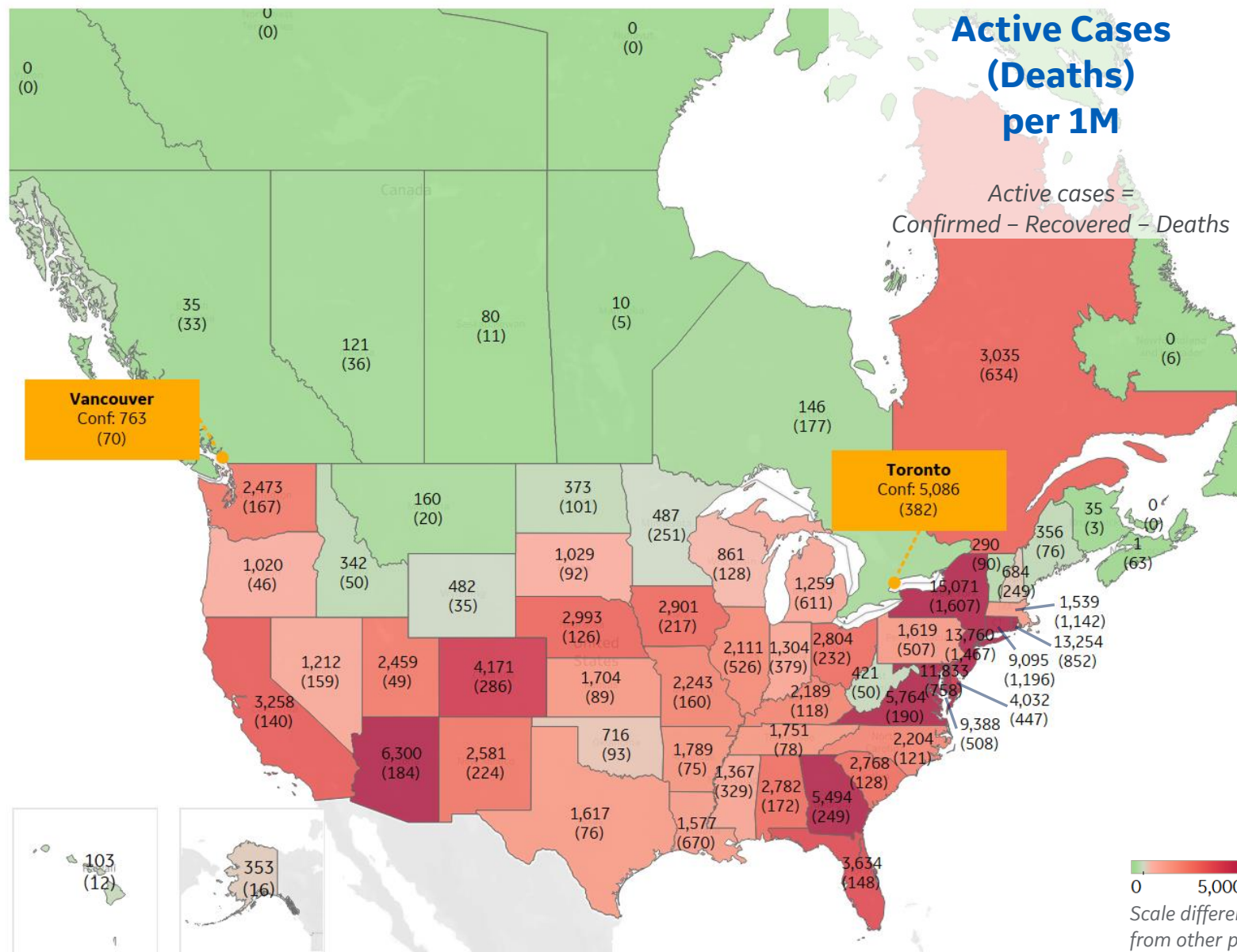


Per 1M in Region

	Today	Change
Active Cases	4,287	+1%
Confirmed	85 new	+1%
Deaths	1 new	+0.3%
Recovered	50 new	+3%

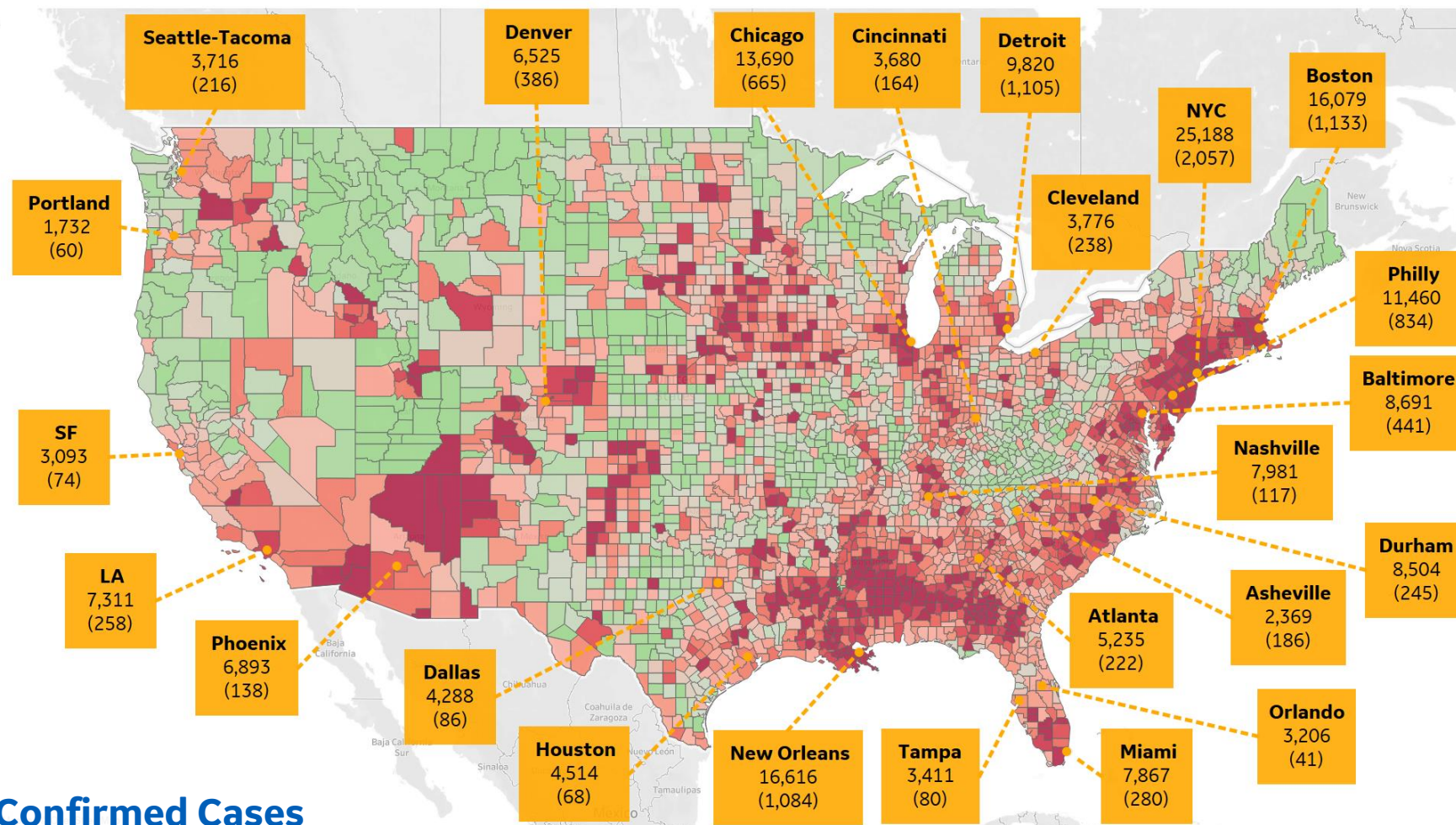
Most Active Cases per 1M

New York	15,071
New Jersey	13,760
Rhode Island	13,254
DC	11,833
Maryland	9,388
Connecticut	9,095
Arizona	6,300
Virginia	5,764
Georgia	5,494
Colorado	4,171



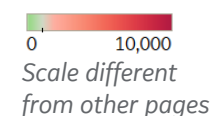


US by County & Metro, Total to Date



Confirmed Cases
(Deaths)
per 1M

Each box reports data for the Metropolitan Statistical Area of the major city listed



Top 10 Northeast Counties

Total Confirmed Cases / 1M

Rockland County, NY	41,258
Westchester County, NY	35,469
Passaic County, NJ	33,178
Nassau County, NY	30,403
Union County, NJ	29,332
Hudson County, NJ	28,540
Suffolk County, NY	27,573
Orange County, NY	27,506
New York City*	25,229
Suffolk County, MA	24,078

Top 10 Other US Counties

Total Confirmed Cases / 1M

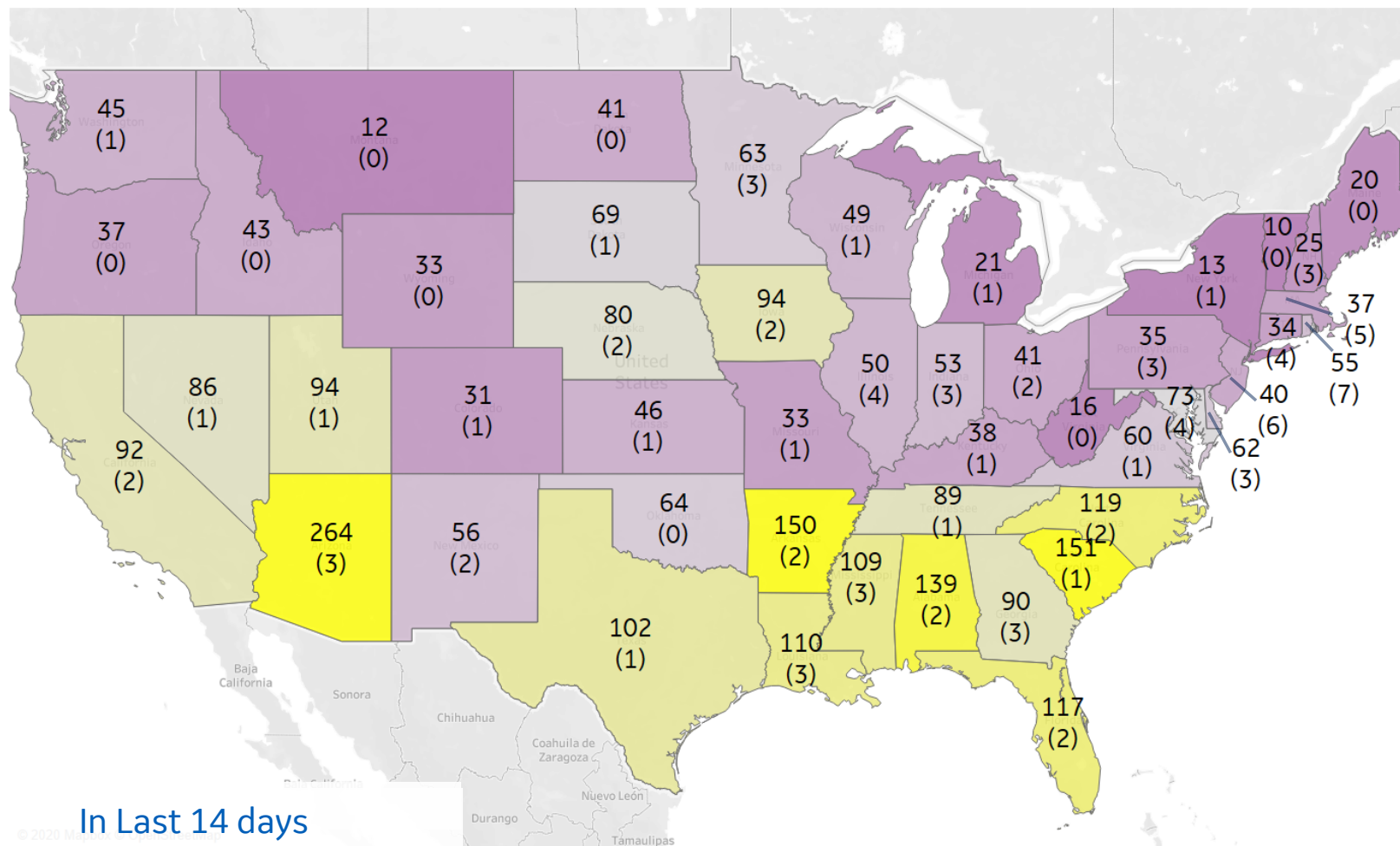
Yakima County, WA	22,083
Jefferson Parish, LA	19,366
Prince George's County, MD	19,120
Orleans Parish, LA	18,978
Cook County, IL	16,579
Prince William County, VA	14,055
District of Columbia, DC	13,877
Kane County, IL	13,441
Lake County, IL	13,083
Montgomery County, MD	12,988

Note: Includes counties ≥ 250K population

* New York City counties aggregated into one reporting area



US, New in Last 14 days



Top 10 by New Confirmed

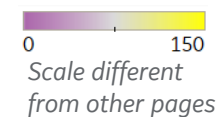
Avg New Confirmed Cases / 1M

Arizona	264
South Carolina	151
Arkansas	150
Alabama	139
North Carolina	119
Florida	117
Louisiana	110
Mississippi	109
Texas	102
Utah	94

Top 10 by New Deaths

Avg New Deaths / 1M

Rhode Island	7
New Jersey	6
Massachusetts	5
Connecticut	4
District of Columbia	4
Illinois	4
Maryland	4
Arizona	3
Delaware	3
Georgia	3





Central & South America



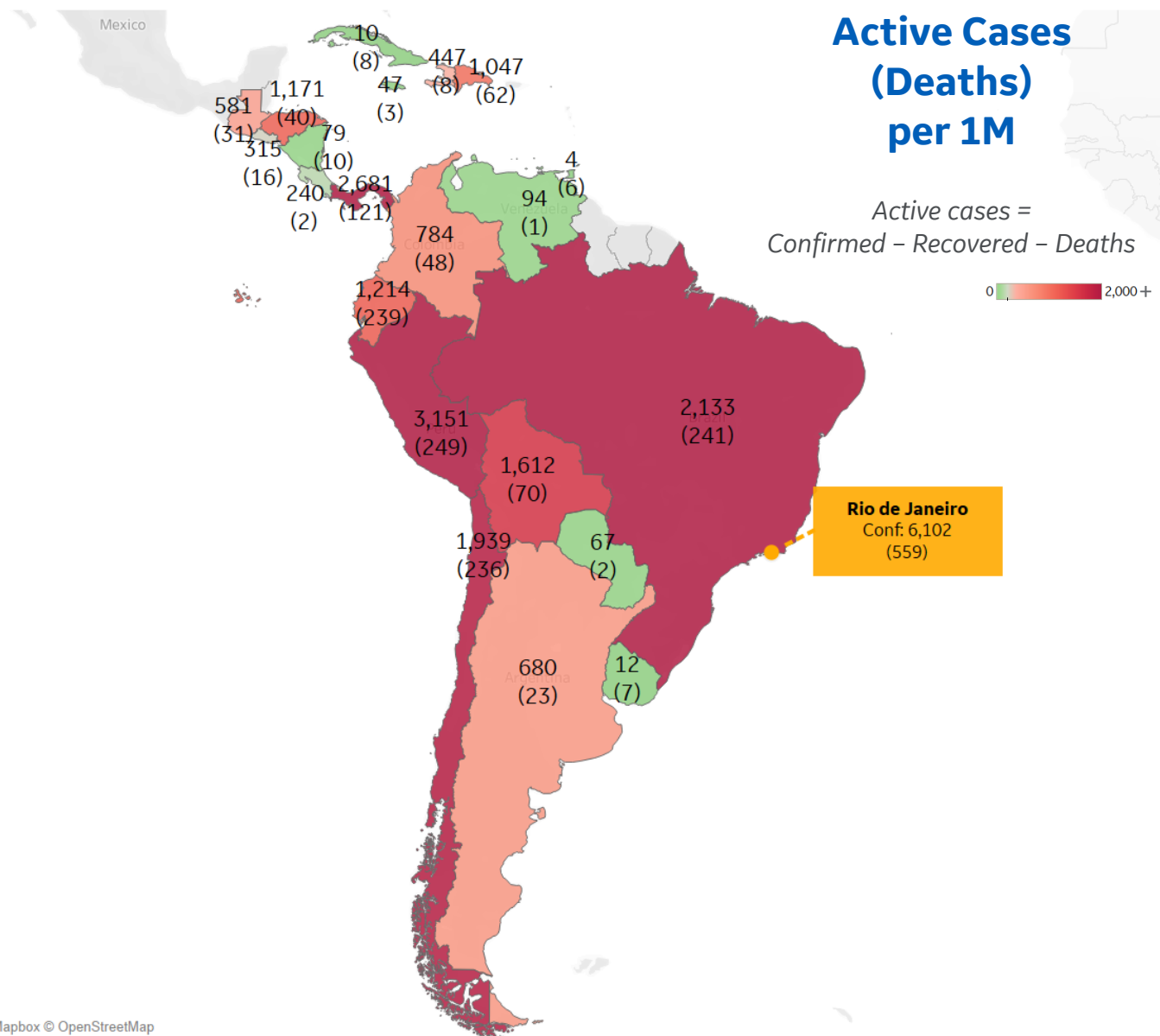
Per 1M in Region

	Today	Change
Active Cases	1,466	+2%
Confirmed	82 new	+2%
Deaths	3 new	+2%
Recovered	49 new	+2%

Most Active Cases per 1M

Peru	3,151
Panama	2,681
Brazil	2,133
Chile	1,939
Bolivia	1,612
Ecuador	1,214
Honduras	1,171
Dom. Rep.	1,047
Colombia	784
Argentina	680

* Excludes regions with population < 1M





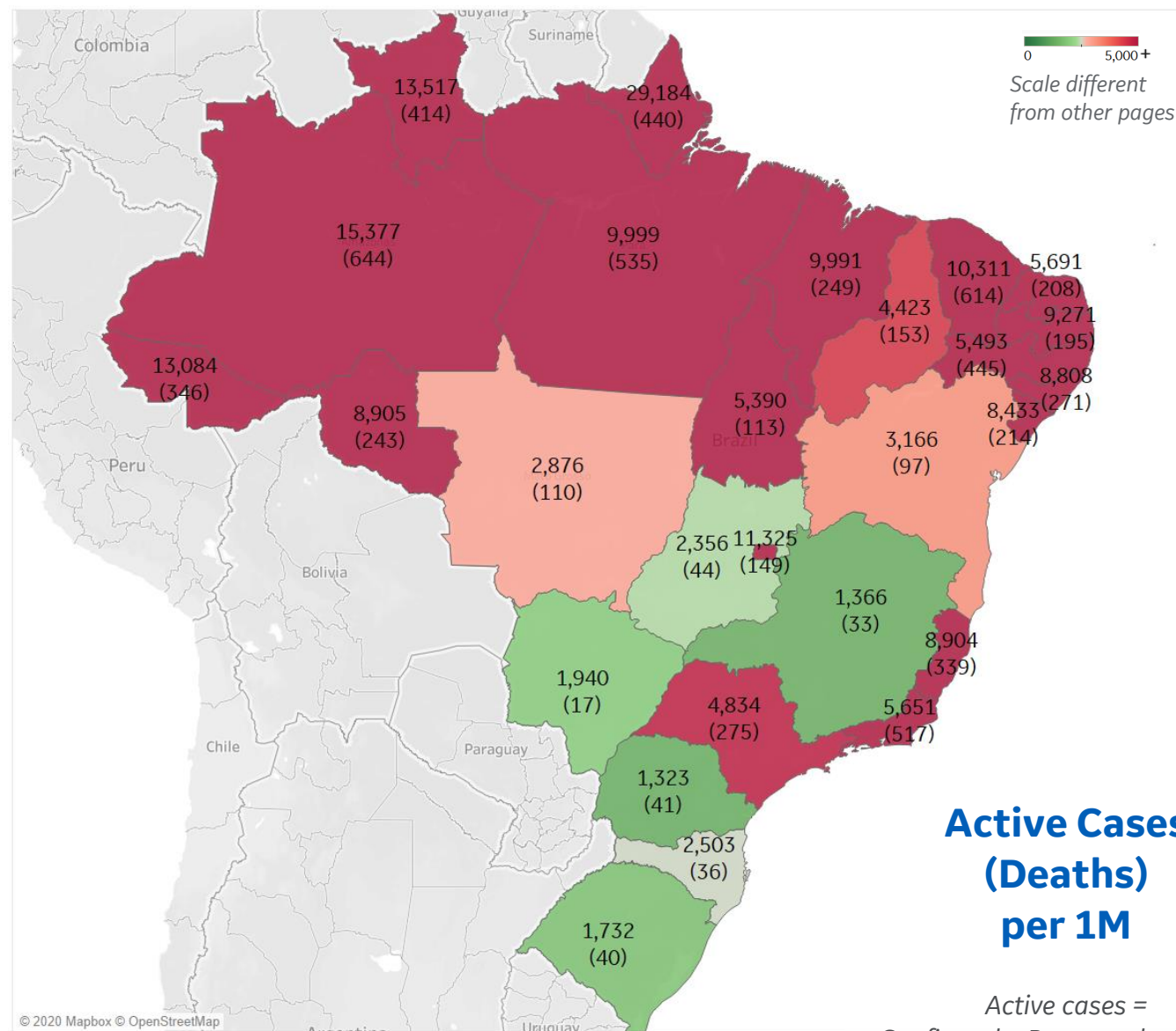
Per 1M in Region

	Today	Change
Active Cases	2,133	+2%
Confirmed	109 new	+2%
Deaths	3 new	+1%
Recovered	64 new	+2%

Most Active Cases per 1M

Amazonas	15,377
Distrito Federal	11,325
Ceará	10,311
Pará	9,999
Maranhão	9,991
Paraíba	9,271
Rondônia	8,905
Espírito Santo	8,904
Alagoas	8,808
Sergipe	8,433

* Excludes regions with population < 1M



Active Cases (Deaths) per 1M

Active cases =
Confirmed - Recovered - Deaths



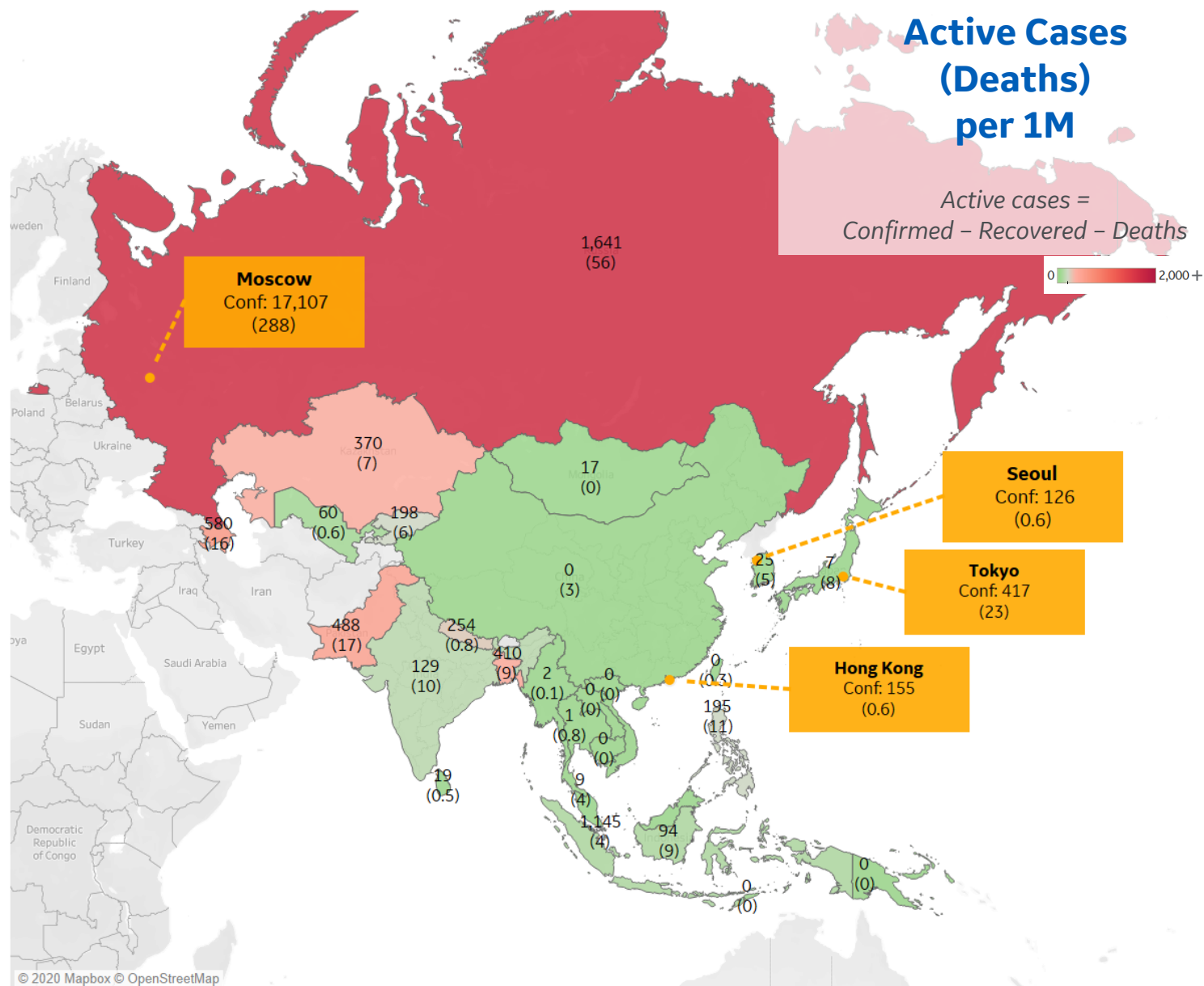
Per 1M in Region

	Today	Change
Active Cases	155	+2%
Confirmed	8 new	+2%
Deaths	0.1 new	+2%
Recovered	5 new	+2%

Most Active Cases per 1M

Russia	1,641
Singapore	1,145
Azerbaijan	580
Pakistan	488
Bangladesh	410
Kazakhstan	370
Nepal	254
Kyrgyzstan	198
Philippines	195
India	129

* Excludes regions with population < 1M





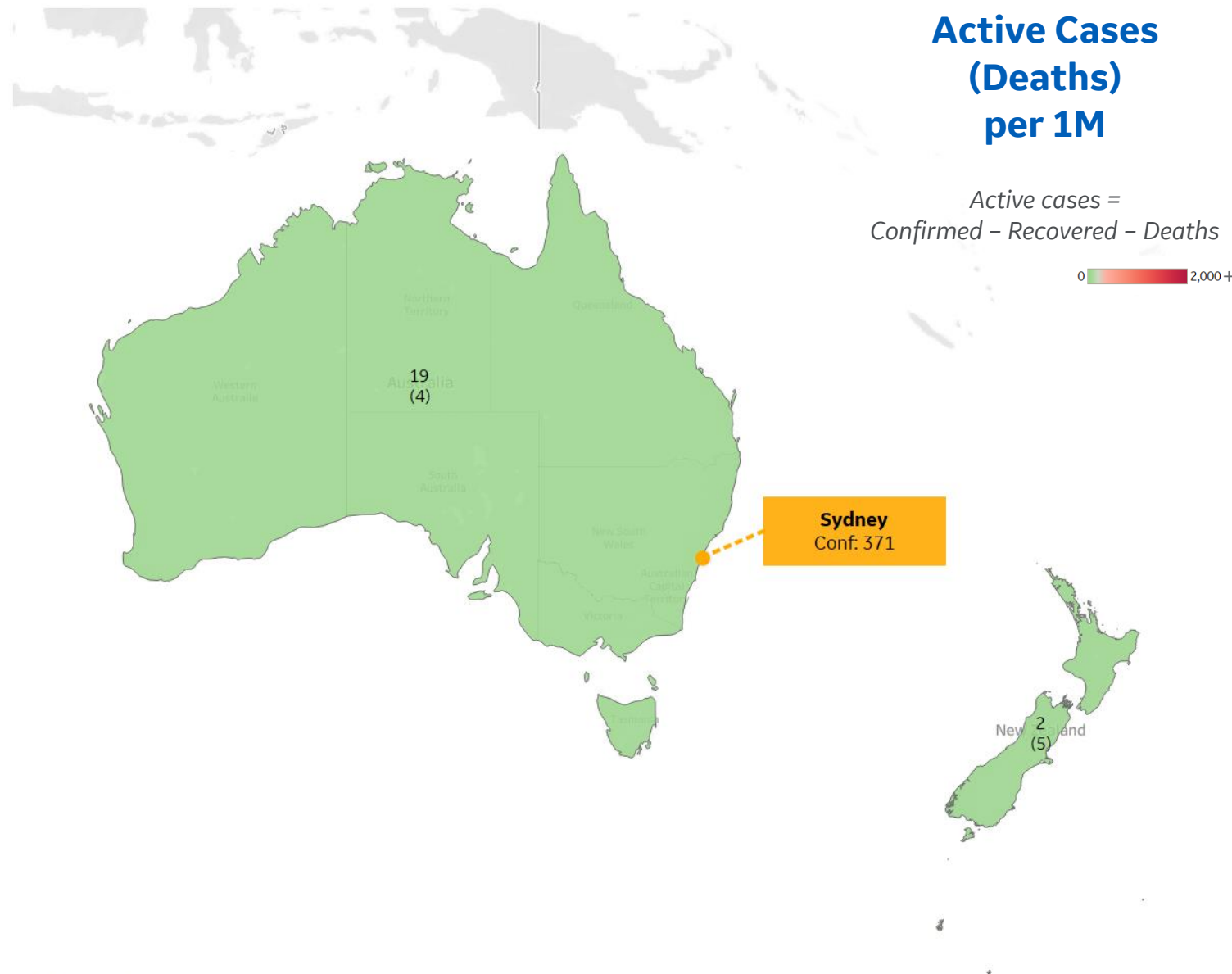
Per 1M in Region

	Today	Change
Active Cases	16	+1%
Confirmed	1 new	+0.2%
Deaths	0 new	+0%
Recovered	1 new	+0.4%

Most Active Cases per 1M

Australia	19
New Zealand	2

* Excludes regions with population < 1M





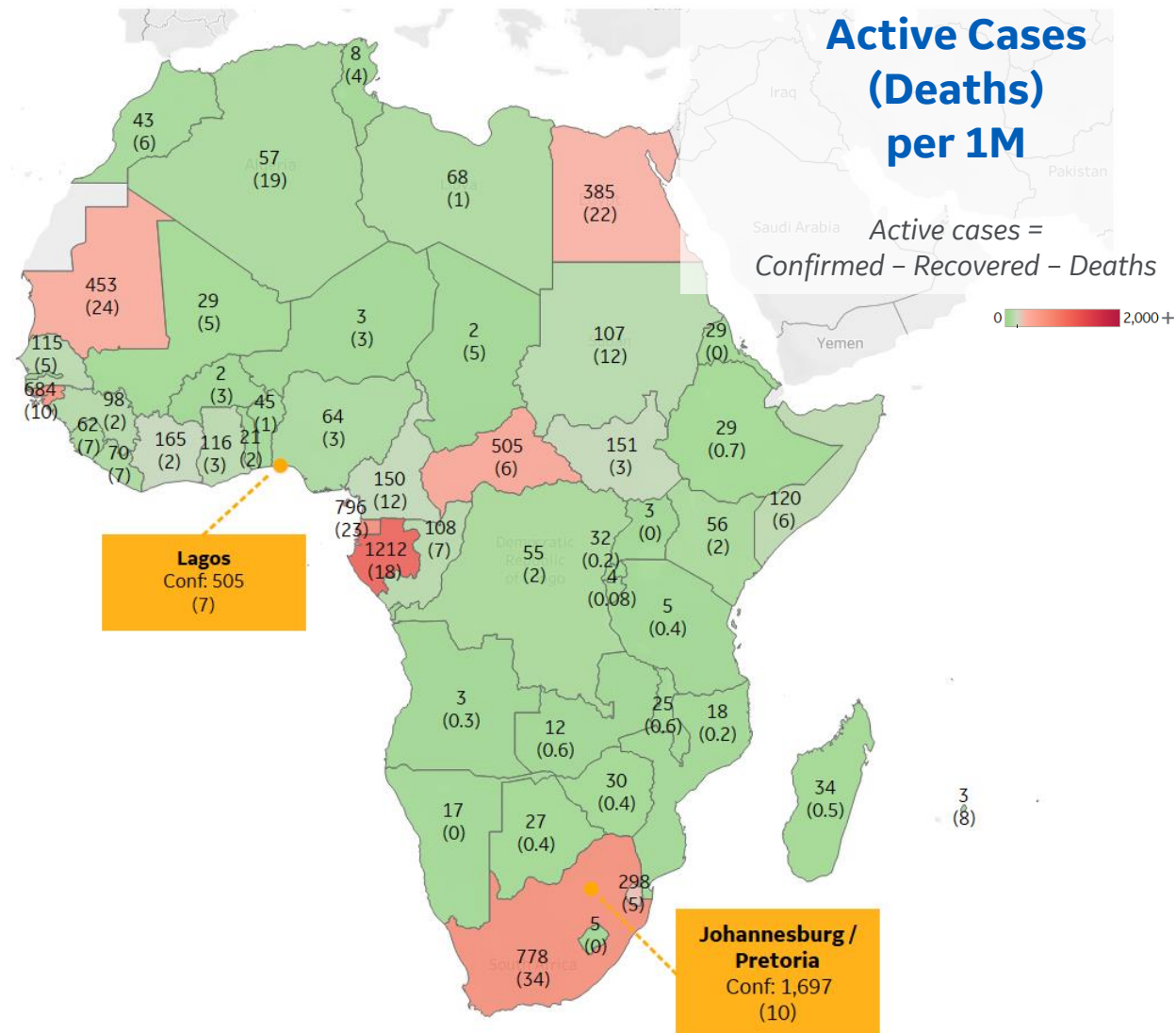
Per 1M in Region

	Today	Change
Active Cases	117	+3%
Confirmed	7 new	+3%
Deaths	0.2 new	+3%
Recovered	4 new	+4%

Most Active Cases per 1M

Gabon	1,212
Eq. Guinea	796
South Africa	778
Guinea-Bissau	684
Central African R..	505
Mauritania	453
Egypt	385
Eswatini	298
Cote d'Ivoire	165
South Sudan	151

* Excludes regions with population < 1M





** Per 1M = Per 1 Million Population unless otherwise noted

Johns Hopkins Coronavirus Resource Center:

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

Worldometer Coronavirus Reporting:

<https://www.worldometers.info/coronavirus/>

Public Health England:

<https://www.gov.uk/government/publications/covid-19-track-coronavirus-cases>

US Department of Homeland Security, Homeland Infrastructure Foundation-Level Data:

<https://hifld-geoplatform.opendata.arcgis.com/datasets/hospitals>

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/

CDC, Severe Outcomes Among Patients with Coronavirus Disease 2019 (COVID-19):

<https://www.cdc.gov/mmwr/volumes/69/wr/mm6912e2.htm>

COVID-19 Information for Switzerland:

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

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>

WHO Europe, Surveillance Report:

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