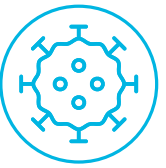
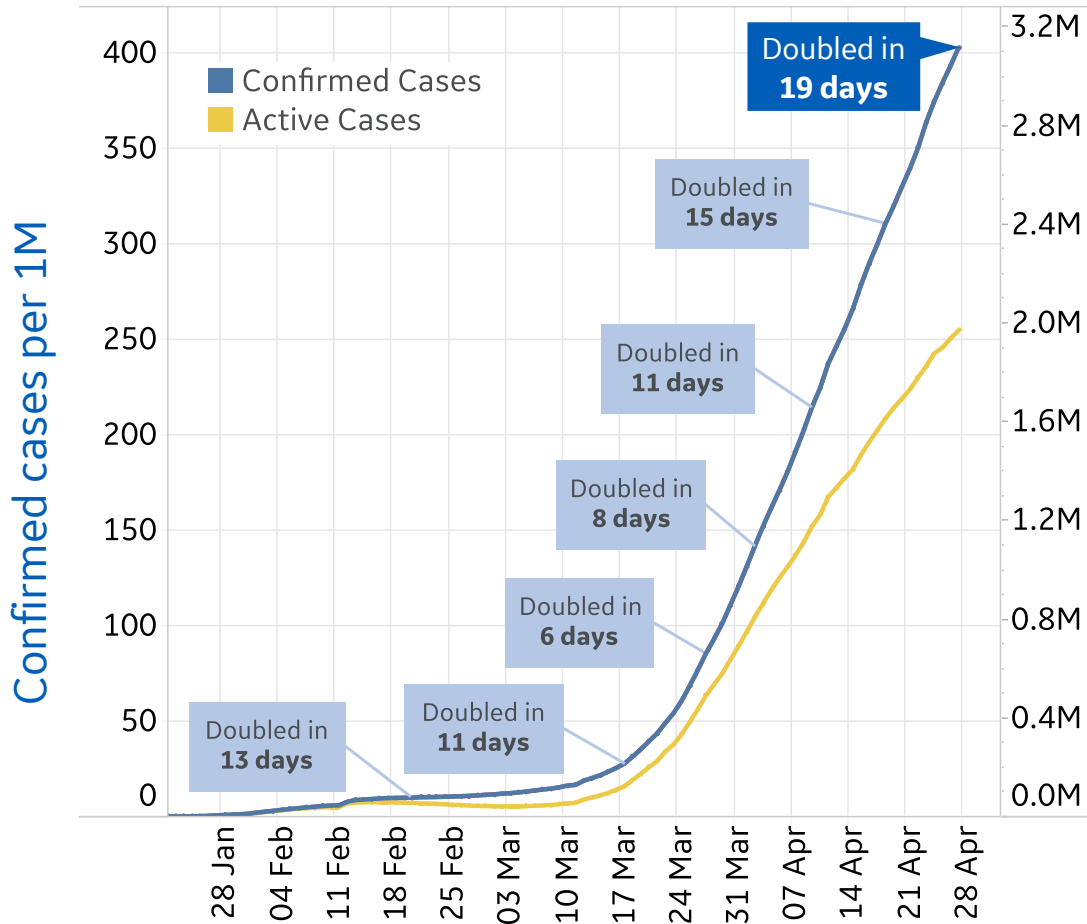


# Global Confirmed & Active Cases



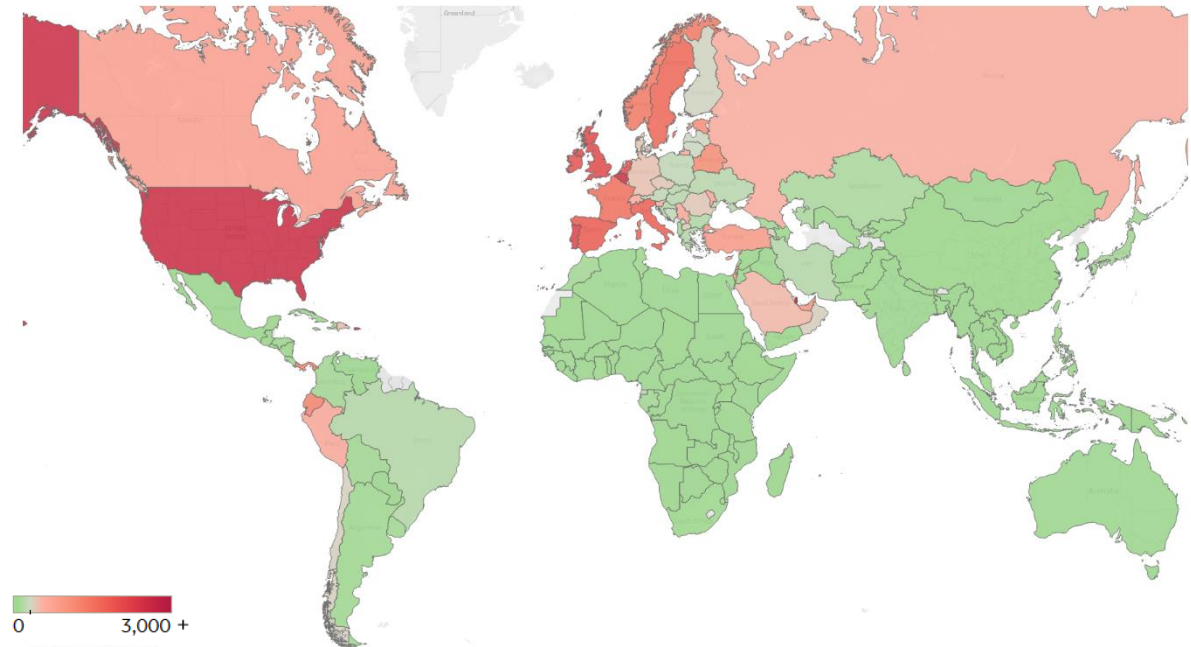
## Trend since 22 Jan



Total confirmed cases

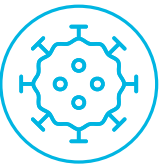
## Today per 1M

$$\text{Active cases} = \text{Confirmed} - \text{Recovered} - \text{Deaths}$$



Per 1M:	Today	Change
Active Cases	255	+2%
Confirmed	10 new	+2%
Deaths	0.8 new	+3%
Recovered	4 new	+4%

# Global Summary



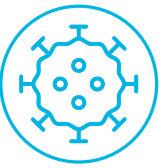
Volume	Active Cases	Today			Total since 22 Jan		
		Confirmed	Deaths	Recovered	Confirmed Cases	Total Deaths	Total Recovered
US	838,291	24,385	2,096	4,512	1,012,582	58,355	115,936
UK	139,792	4,002	588	6	162,350	21,745	813
Italy	105,205	2,091	382	2,317	201,505	27,359	68,941
France	97,584	3,090	367	1,482	169,053	23,694	47,775
Spain	84,403	2,706	301	3,071	232,128	23,822	123,903
Russia	84,235	6,411	73	1,110	93,558	867	8,456
Turkey	72,852	2,392	92	5,018	114,653	2,992	38,809
Germany	36,198	1,154	188	2,900	159,912	6,314	117,400
Brazil	35,608	5,789	480	1,402	73,235	5,083	32,544
Netherlands	33,913	172	48	0	38,612	4,582	117
Belgium	29,060	647	124	65	47,334	7,331	10,943
Canada	28,936	1,534	142	963	51,150	2,983	19,231
Portugal	21,985	295	20	32	24,322	948	1,389
Ecuador	21,830	1,018	208	0	24,258	871	1,557
Saudi Arabia	17,141	1,266	8	253	20,077	152	2,784
Sweden	16,261	695	81	0	19,621	2,355	1,005
Iran	14,268	1,112	71	1,506	92,584	5,877	72,439
Singapore	13,809	528	0	33	14,951	14	1,128
Japan	11,443	N/A	9	0	13,736	394	1,899
Qatar	10,777	677	0	68	11,921	10	1,134
Ireland	9,485	229	57	0	19,877	1,159	9,233
UAE	9,110	541	7	91	11,380	89	2,181
Israel	7,772	173	6	546	15,728	210	7,746
Norway	7,422	61	1	0	7,660	206	32
Total World	1,970,587	74,634	5,986	34,691	3,116,398	217,153	928,658

Per 1M	Active Cases	Today			Total since 22 Jan		
		Confirmed	Deaths	Recovered	Confirmed Cases	Total Deaths	Total Recovered
Qatar	3,741	235	0	24	4,138	3	394
US	2,533	74	6	14	3,059	176	350
Belgium	2,507	56	11	6	4,084	633	944
Singapore	2,360	90	0	6	2,556	2	193
Portugal	2,156	29	2	3	2,385	93	136
UK	2,059	59	9	0	2,392	320	12
Netherlands	1,979	10	3	0	2,253	267	7
Ireland	1,921	46	12	0	4,025	235	1,870
Spain	1,805	58	6	66	4,965	510	2,650
Italy	1,740	35	6	38	3,333	453	1,140
Sweden	1,610	69	8	0	1,943	233	100
France	1,495	47	6	23	2,590	363	732
Norway	1,369	11	0	0	1,413	38	6
Ecuador	1,237	58	12	0	1,375	49	88
UAE	921	55	1	9	1,151	9	221
Israel	898	20	1	63	1,817	24	895
Turkey	864	28	1	59	1,359	35	460
Canada	767	41	4	26	1,355	79	510
Russia	577	44	1	8	641	6	58
Saudi Arabia	492	36	0	7	577	4	80
Germany	432	14	2	35	1,909	75	1,401
Iran	170	13	1	18	1,102	70	862
Brazil	168	27	2	7	345	24	153
Japan	90	N/A	0	0	109	3	15
Total World	255	10	1	4	403	28	120

US confirmed cases now exceed 1M (32% of the of Worldwide total)

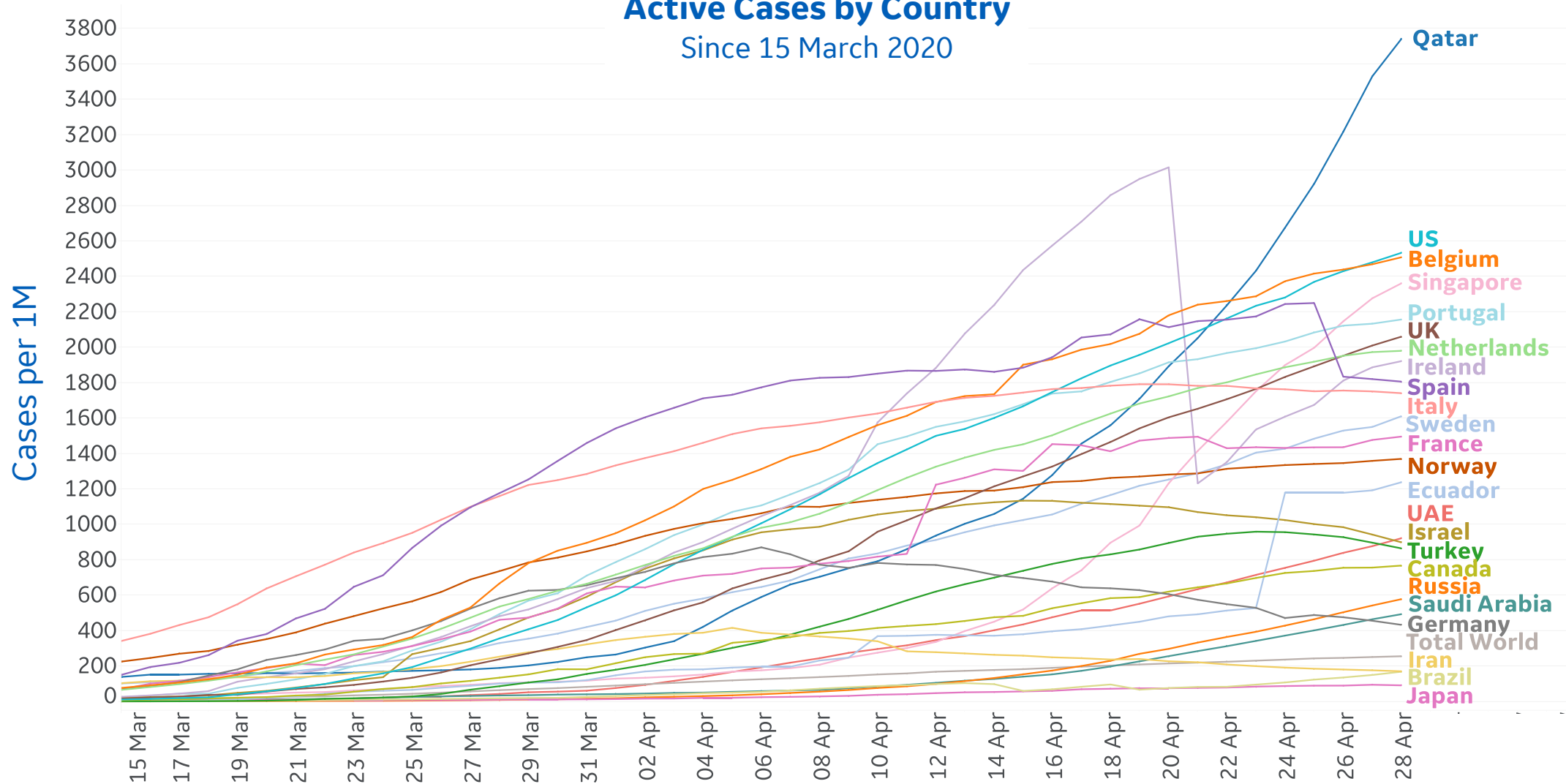
Active cases in **Singapore** have grown 35% since 23 Apr

# Trends in Active Cases

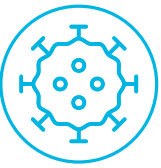


### Active Cases by Country

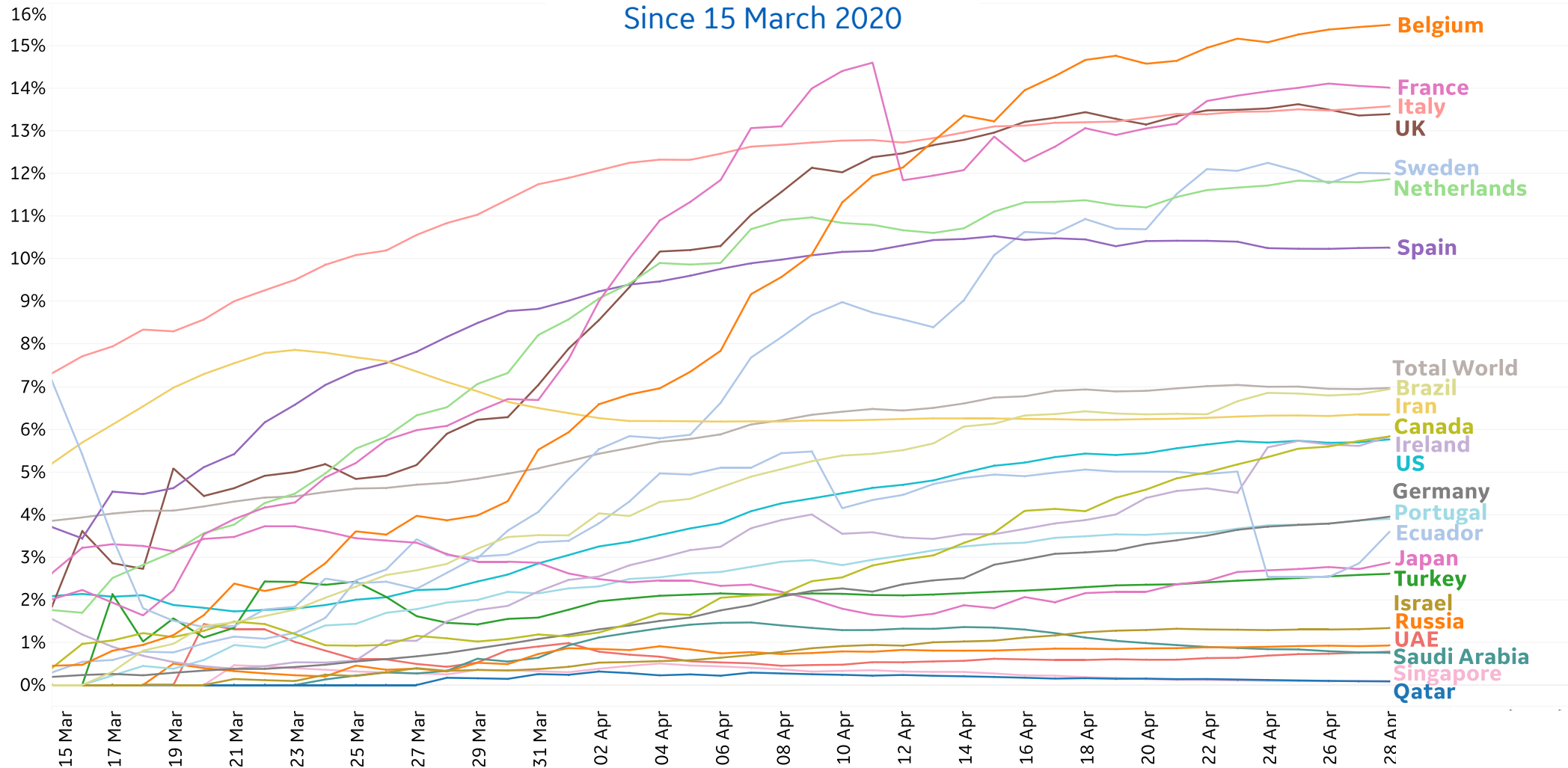
Since 15 March 2020



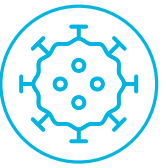
# Fatality Rate over time by Country



## Deaths / Confirmed Cases Since 15 March 2020

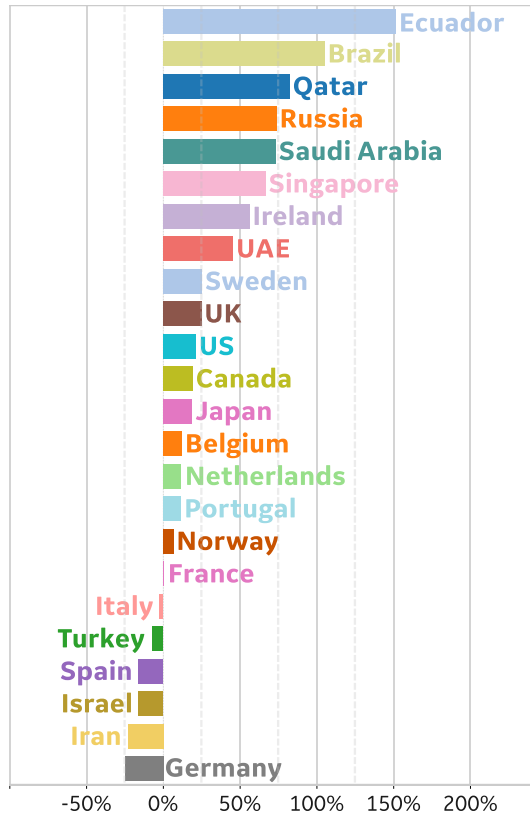


# Percent Change in Case Volume by Country

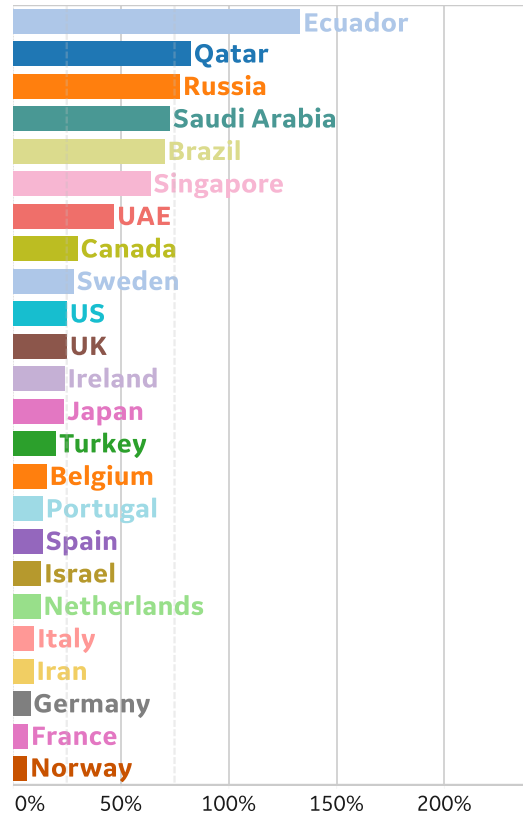


Over Previous 7 days

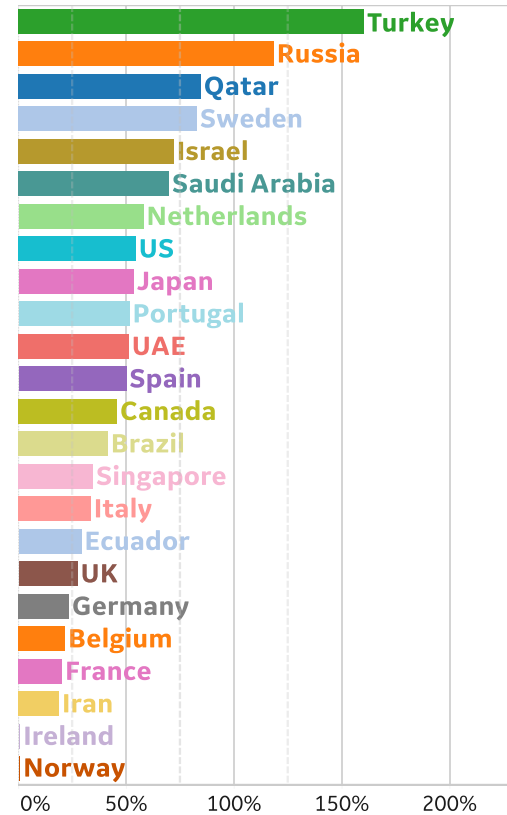
Active Cases



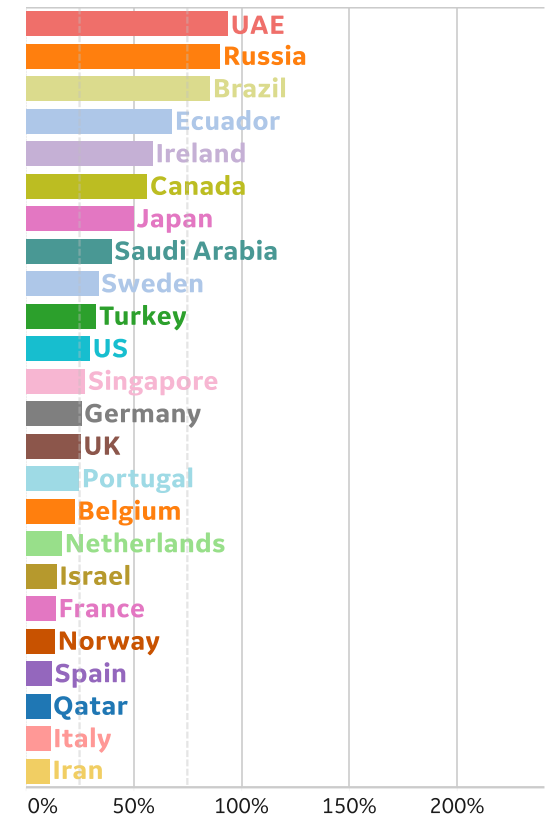
Confirmed Cases



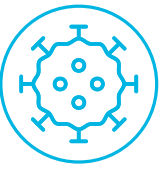
Reported Recoveries



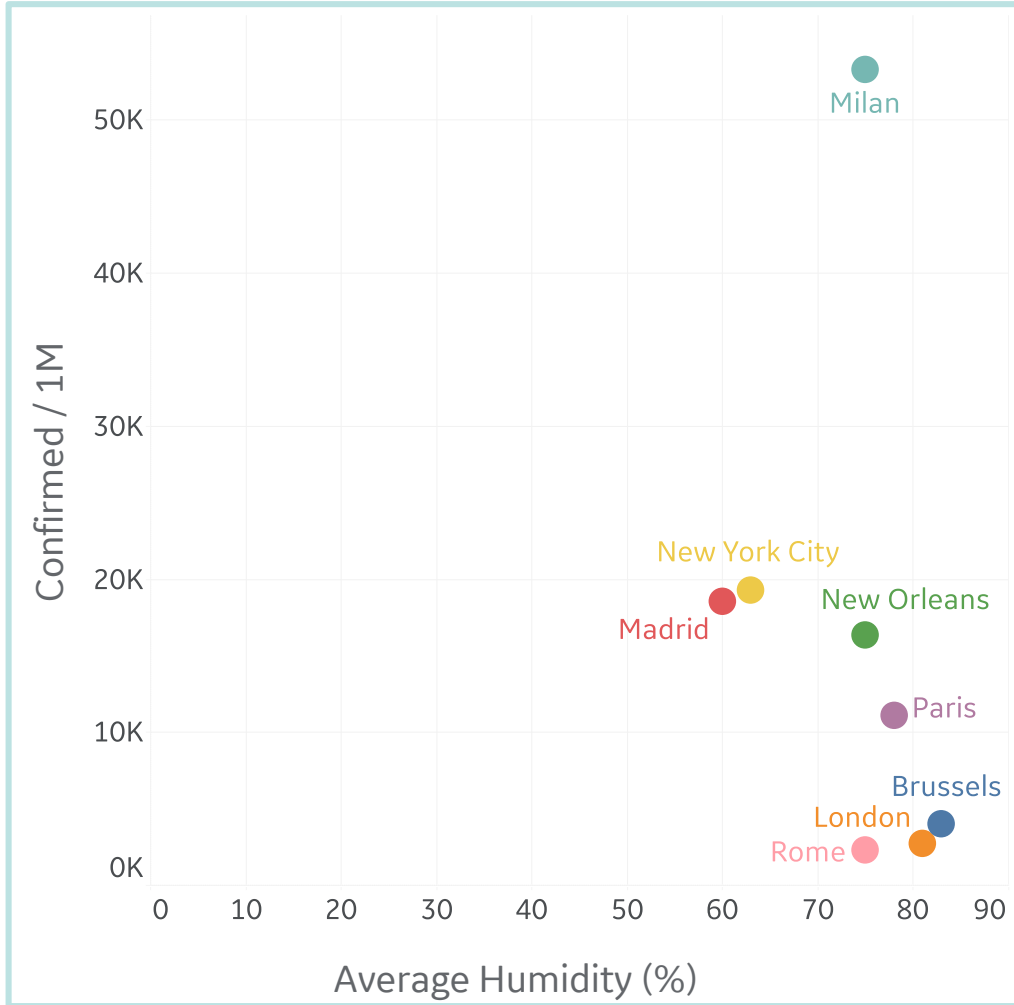
Reported Deaths



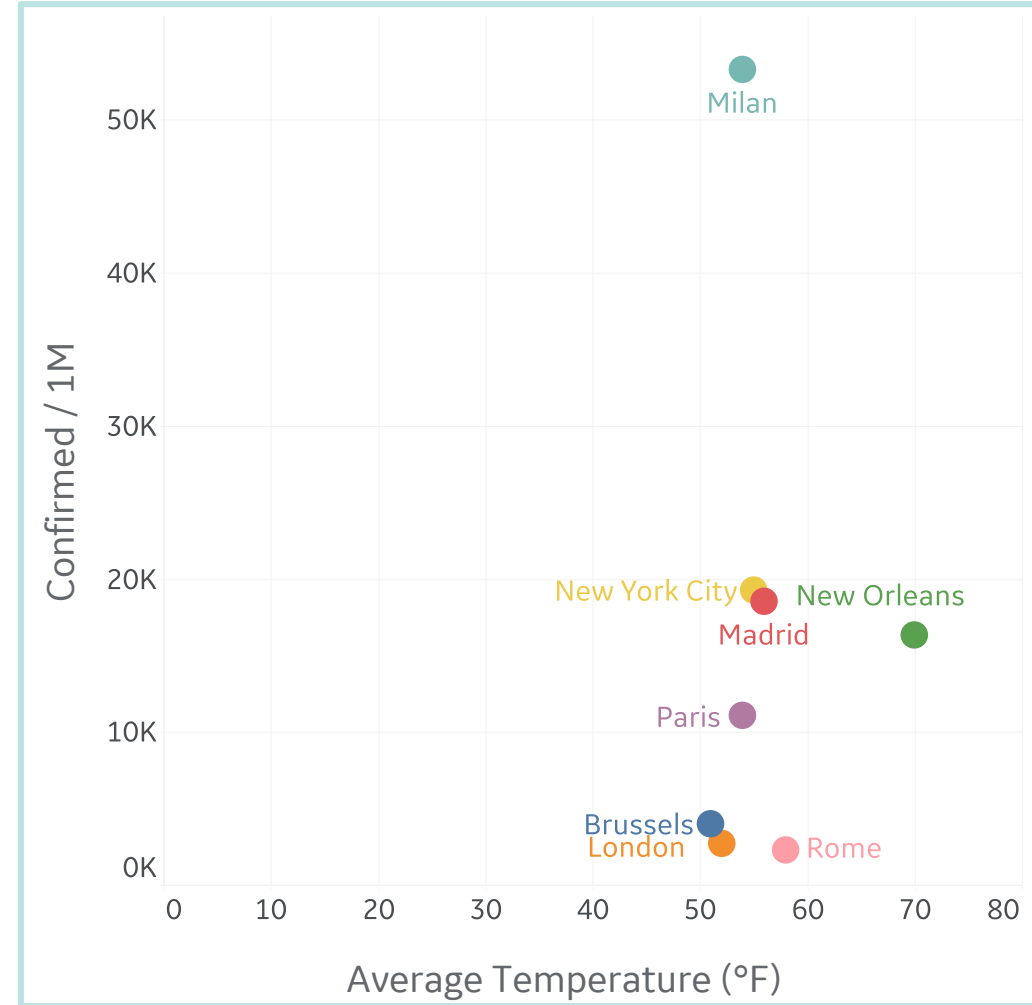
# Feature: Confirmed Cases and Environmental Factors



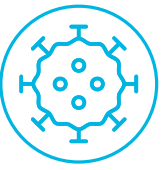
## Humidity



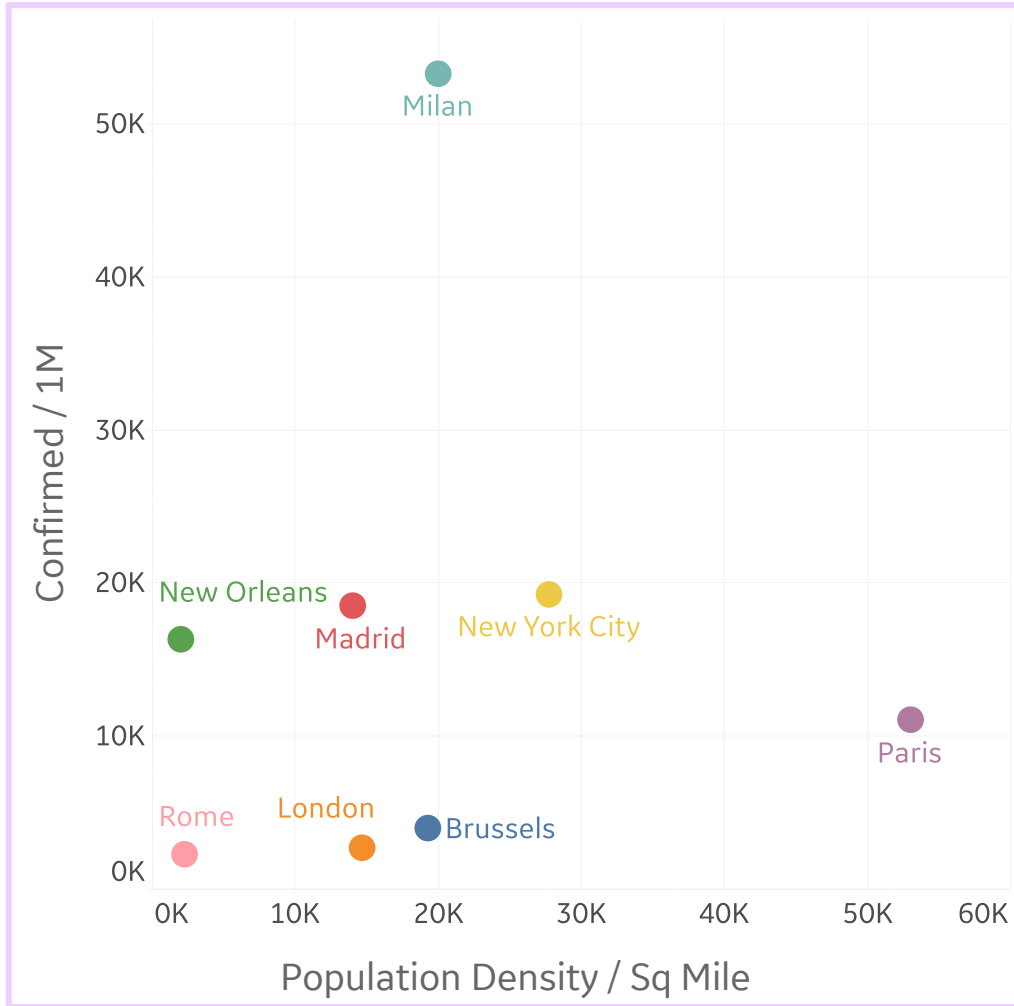
## Temperature



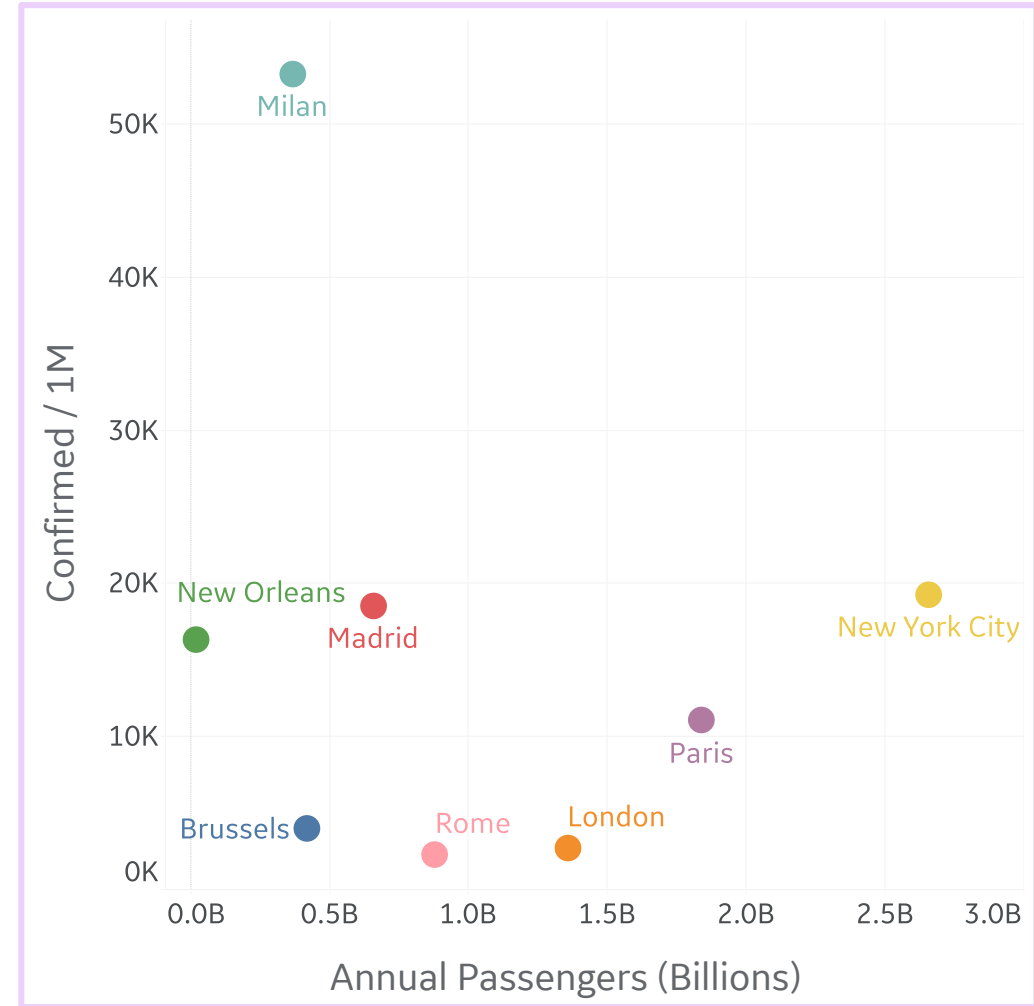
# Feature: Confirmed Cases and Environmental Factors



### Population Density



### Annual Mass Transit Ridership





# Europe & Middle East

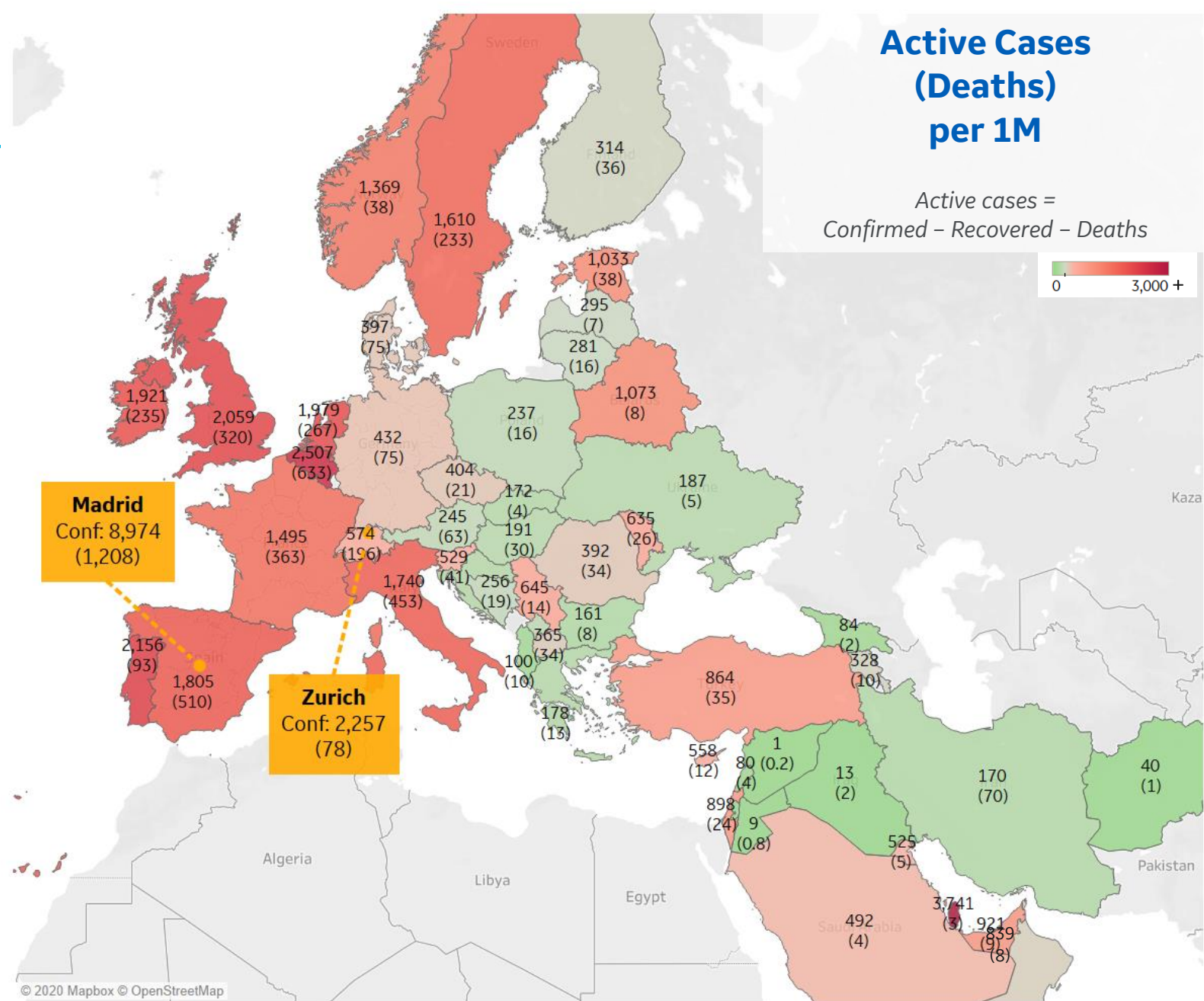
## Per 1M in Region

	Today	Change
Active Cases	825	+0.3%
Confirmed	25 new	+2%
Deaths	3 new	+2%
Recovered	21 new	+4%

## Most Active Cases per 1M

Qatar	3,741
Belgium	2,507
Portugal	2,156
UK	2,059
Netherlands	1,979
Ireland	1,921
Spain	1,805
Italy	1,740
Sweden	1,610
France	1,495

\* Excludes regions with population < 1M



Updated 29 April 2020, 3:30 GMT



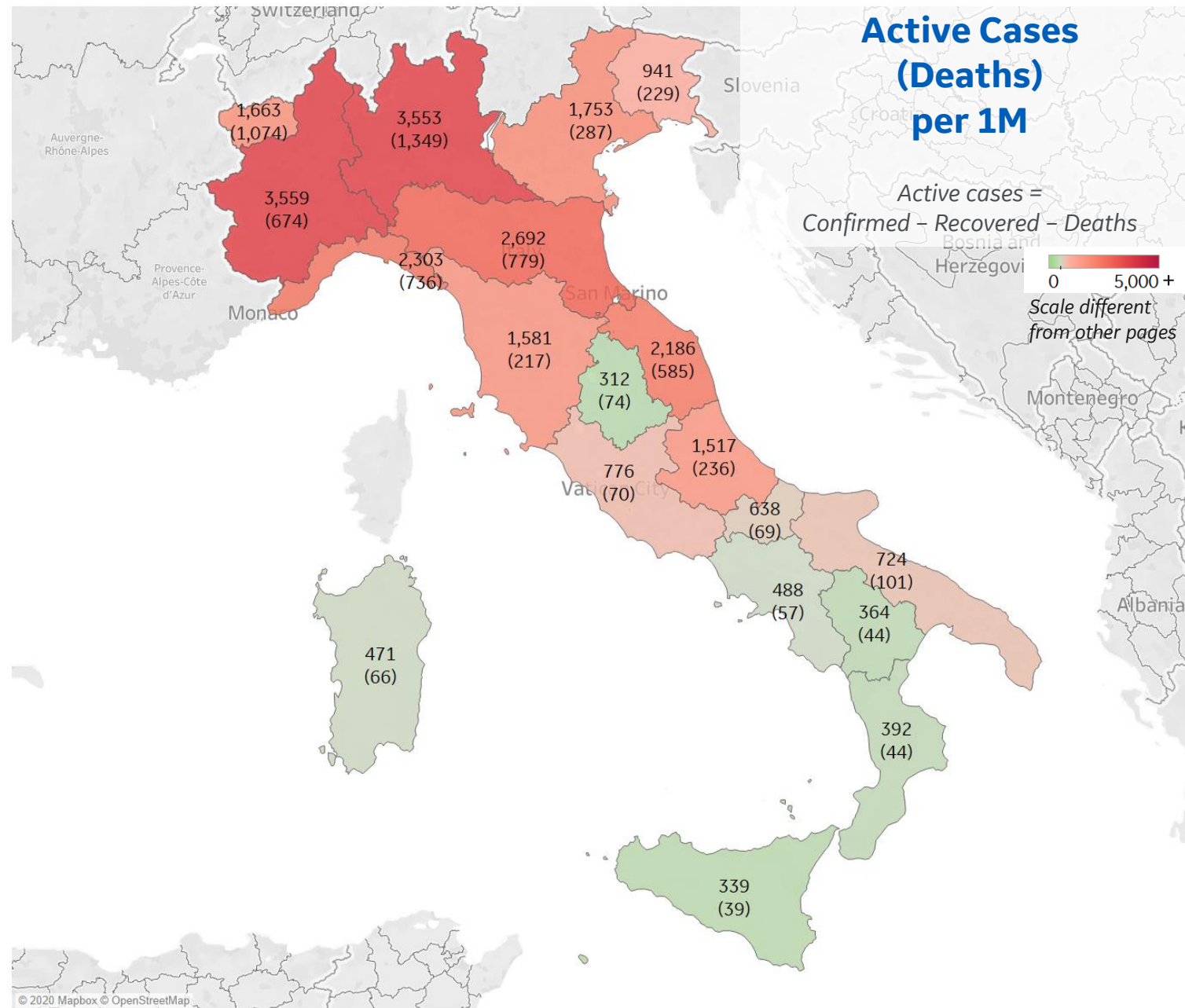
# Italy

## Per 1M in Region

	Today	Change
Active Cases	1,740	-0.6%
Confirmed	35 new	+2%
Deaths	6 new	+3%
Recovered	38 new	+4%

## Most Active Cases per 1M

Piemonte	3,559
Lombardia	3,553
Emilia-Romagna	2,692
Trentino-Alto Adi..	2,335
Liguria	2,303
Marche	2,186
Veneto	1,753
Valle d'Aosta	1,663
Toscana	1,581
Abruzzo	1,517



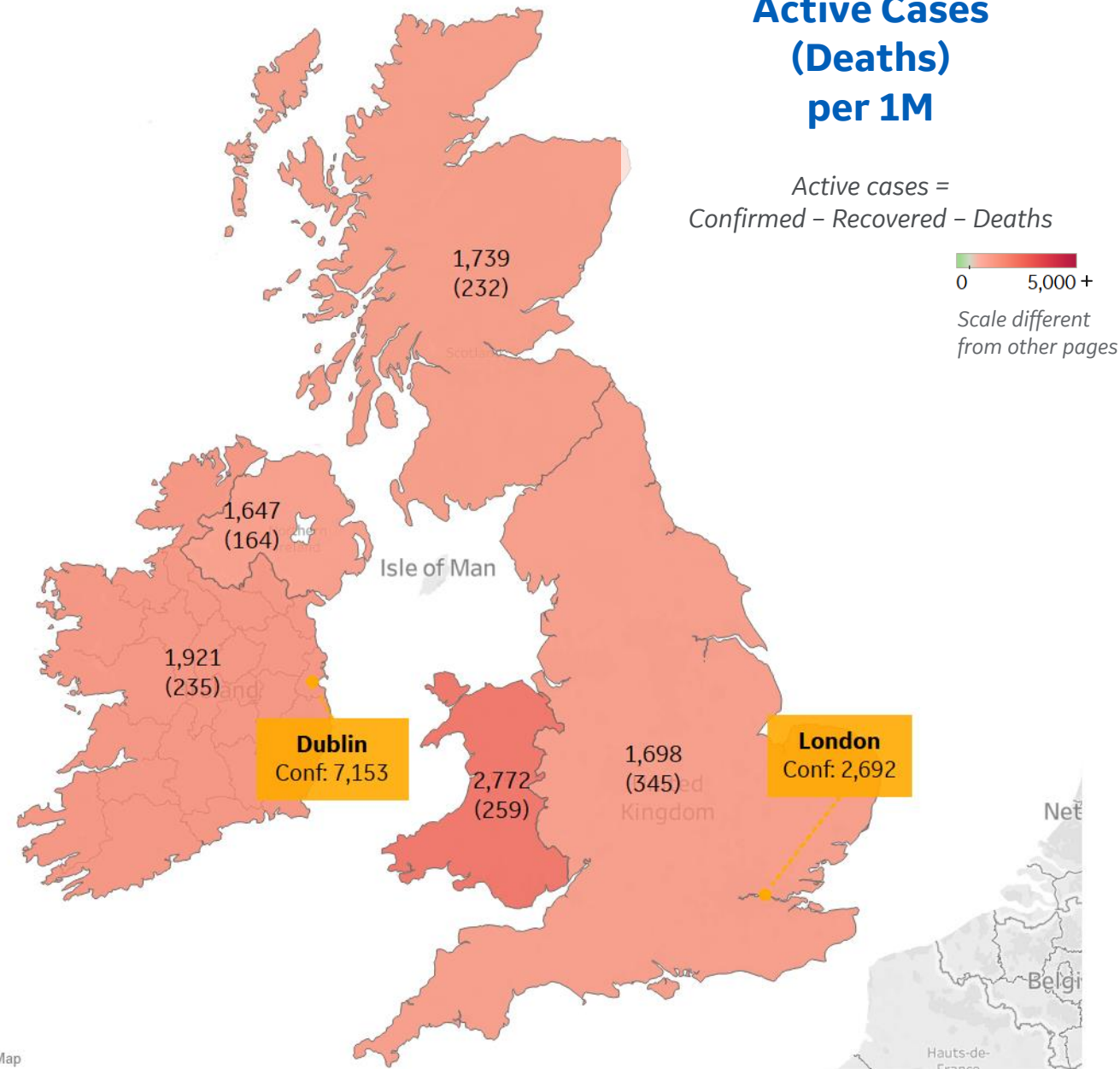
# UK & Ireland

## Per 1M in Region

	Today	Change
Active Cases	2,050	+2%
Confirmed	58 new	+2%
Deaths	9 new	+3%
Recovered	0.08 new	+0.1%

## Most Active Cases per 1M

Wales	2,772
Ireland	1,921
Scotland	1,739
England	1,698
Northern Ireland	1,647



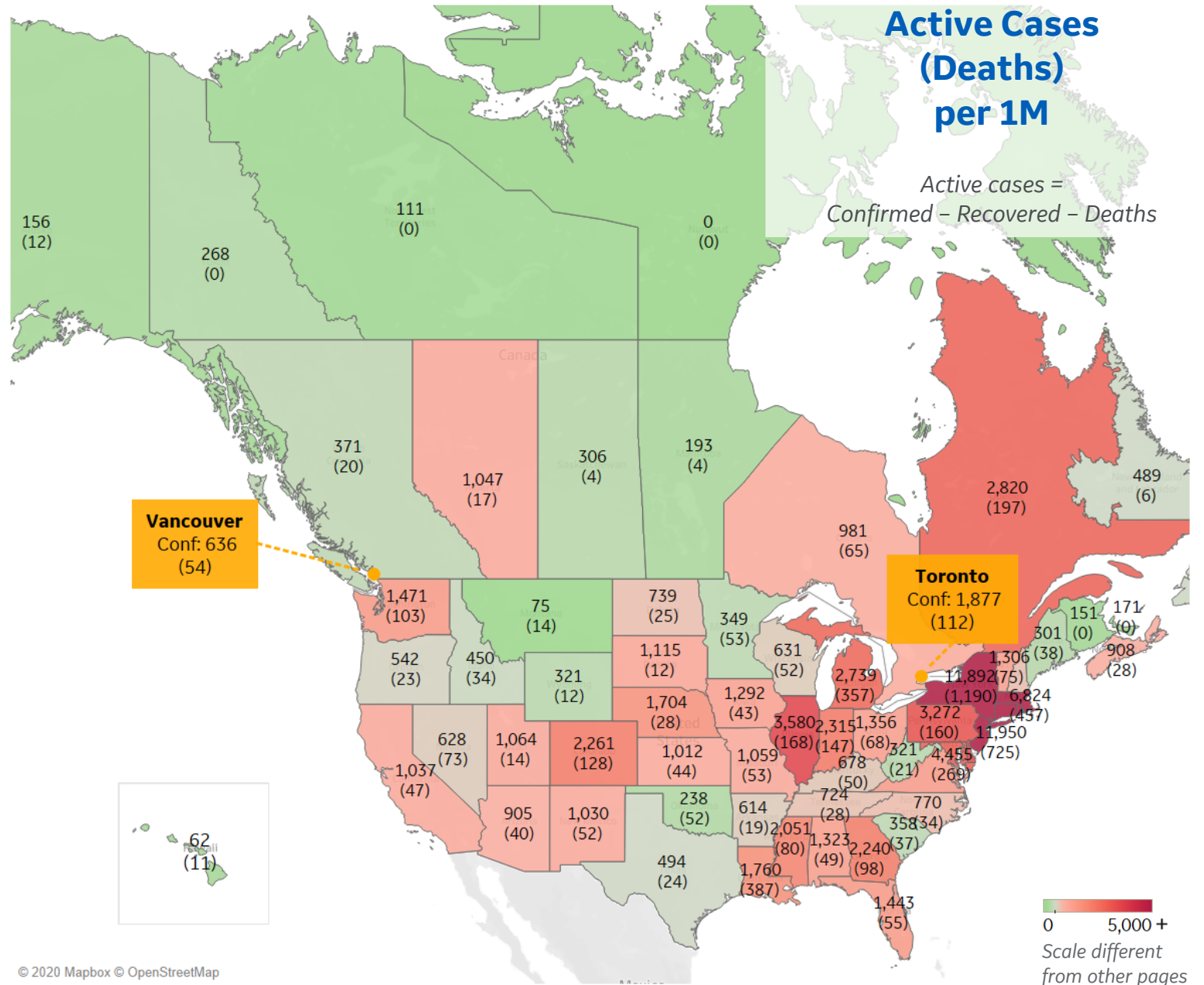
# US & Canada

## Per 1M in Region

	Today	Change
Active Cases	2,352	+2%
Confirmed	70 new	+2%
Deaths	6 new	+4%
Recovered	15 new	+4%

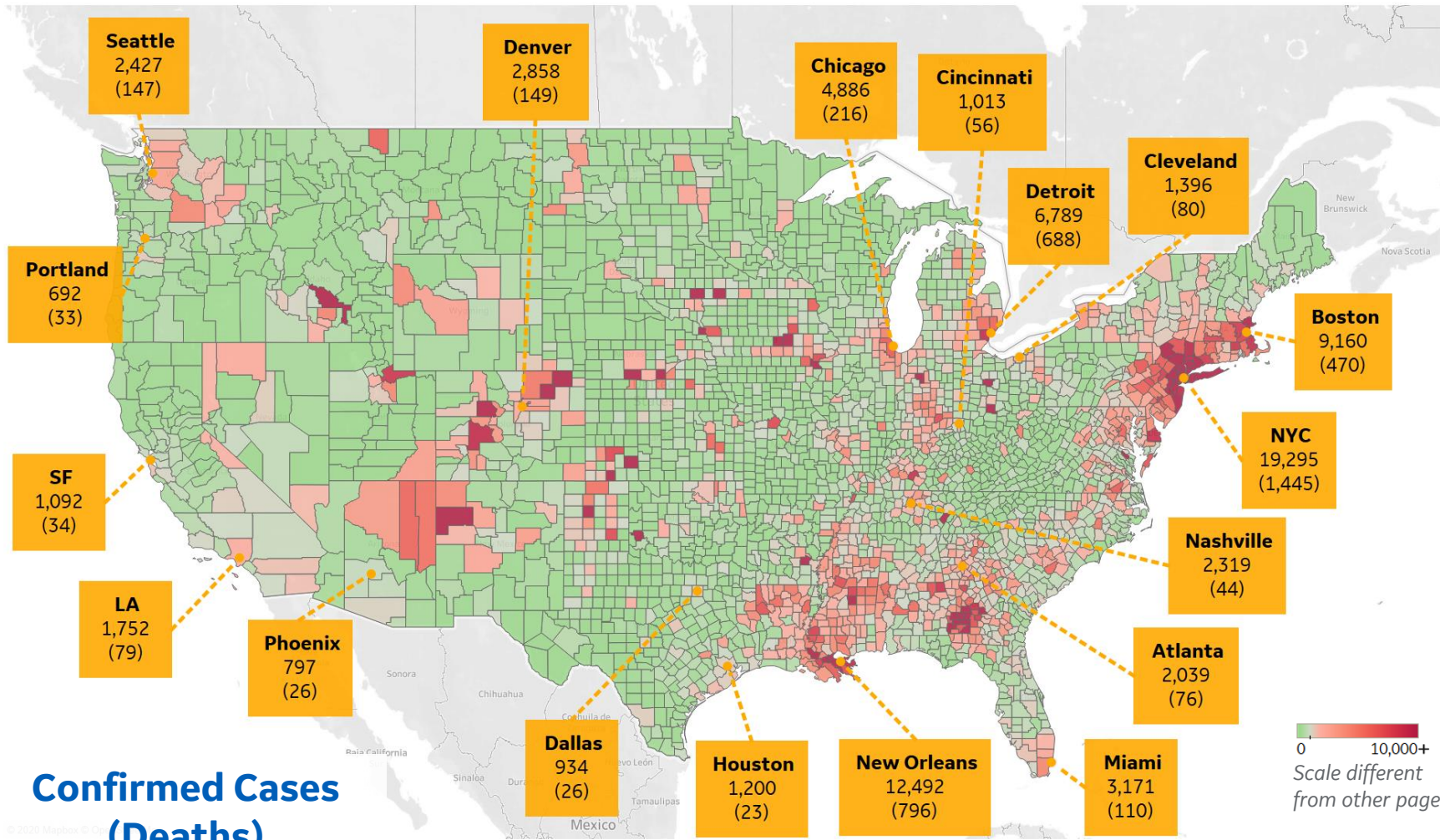
## Most Active Cases per 1M

New Jersey	11,950
New York	11,892
Rhode Island	6,933
Massachusetts	6,824
Connecticut	6,776
DC	4,455
Illinois	3,580
Pennsylvania	3,272
Michigan	2,739
Louisiana	1,760





# US by County & Metro Area



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

## Top 10 Northeast Counties

Confirmed Cases per 1M

Rockland County, NY	35,155
Westchester County, NY	29,194
Nassau County, NY	25,856
Passaic County, NJ	23,424
Suffolk County, NY	22,162
Union County, NJ	21,907
Orange County, NY	21,754
Hudson County, NJ	21,281
New York City*	19,472
Essex County, NJ	16,509

## Top 10 Other US Counties

Confirmed Cases per 1M

Orleans Parish, LA	16,353
Jefferson Parish, LA	14,185
Wayne County, MI	9,245
Cook County, IL	6,495
Macomb County, MI	6,109
Prince George's County, MD	6,044
District of Columbia, DC	5,659
Oakland County, MI	5,576
Marion County, IN	5,267
Weld County, CO	4,986

**Note:** Includes counties ≥ 250K population

\* New York City counties aggregated into one reporting area

# Oceania

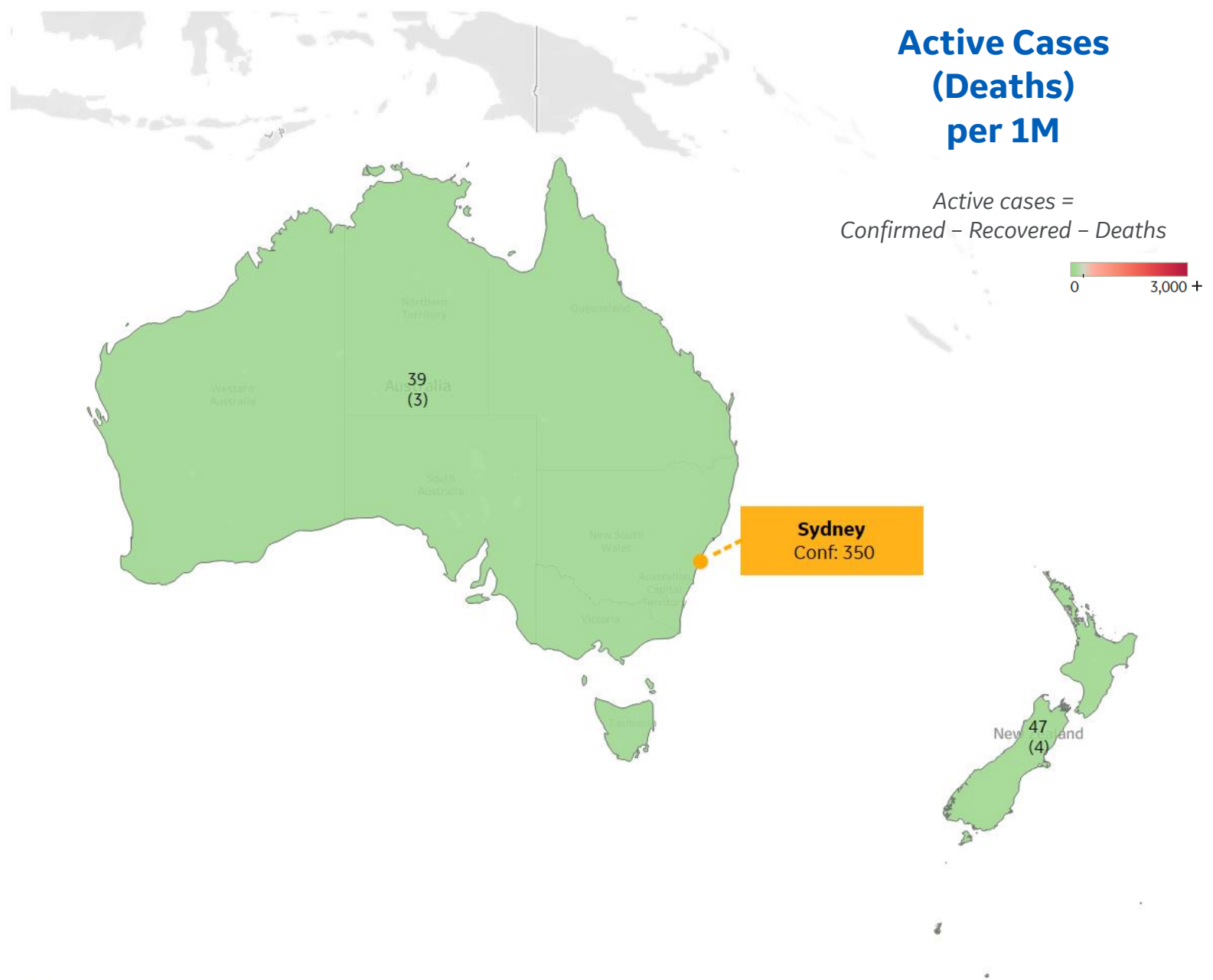
## Per 1M in Region

	Today	Change
Active Cases	39	-6%
Confirmed	0.8 new	+0.3%
Deaths	0.2 new	+6%
Recovered	3 new	+1%

## Most Active Cases per 1M

New Zealand	47
Australia	39

\* Excludes regions with population < 1M



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# Latin & South America

## Per 1M in Region

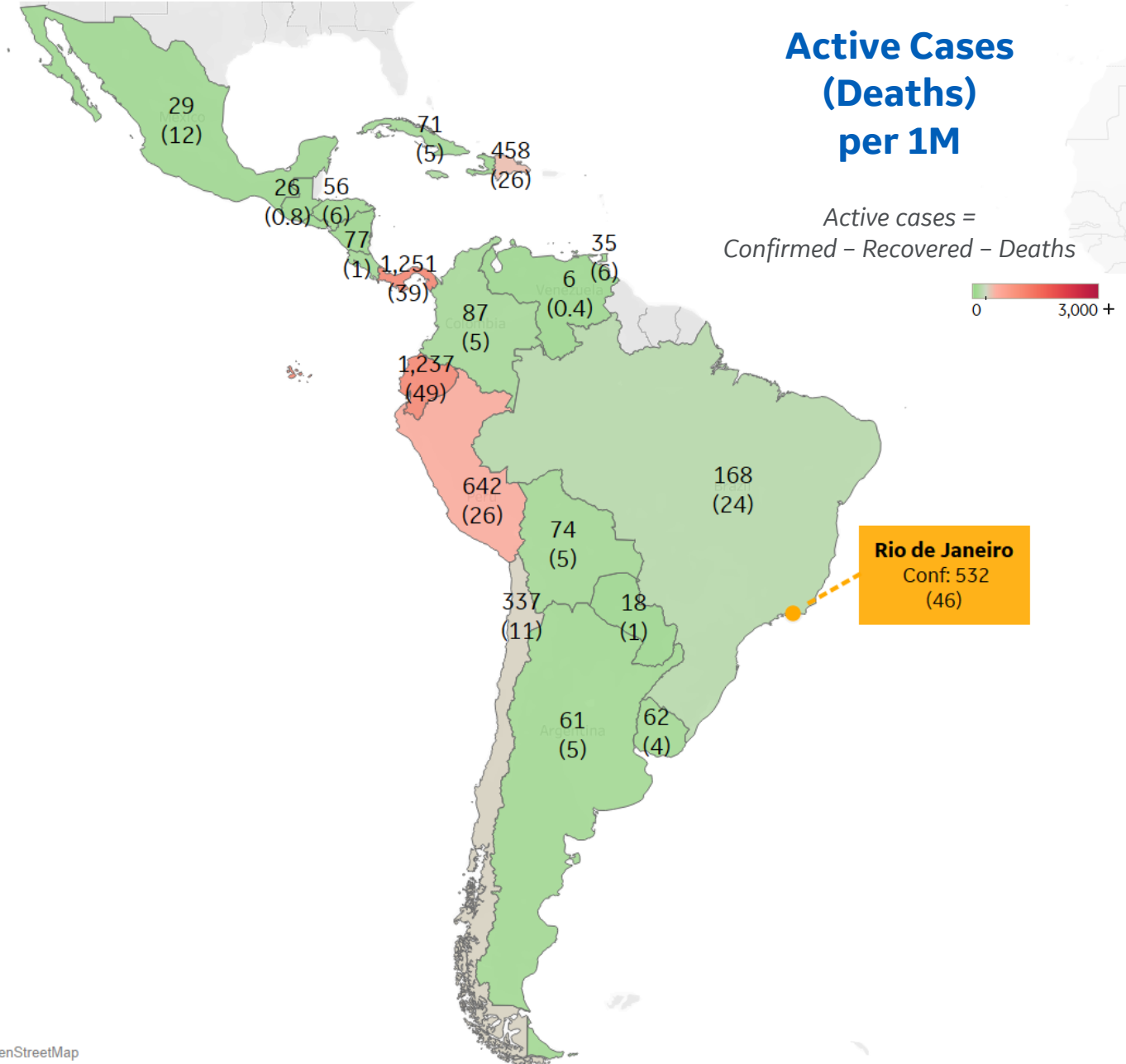
	Today	Change
Active Cases	171	+5%
Confirmed	18 new	+7%
Deaths	1 new	+11%
Recovered	8 new	+8%

## Most Active Cases per 1M

Panama	1,251
Ecuador	1,237
Peru	642
Dominican Repub..	458
Chile	337
Brazil	168
Jamaica	111
Colombia	87
Costa Rica	77
Bolivia	74

\* Excludes regions with population < 1M

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# Asia

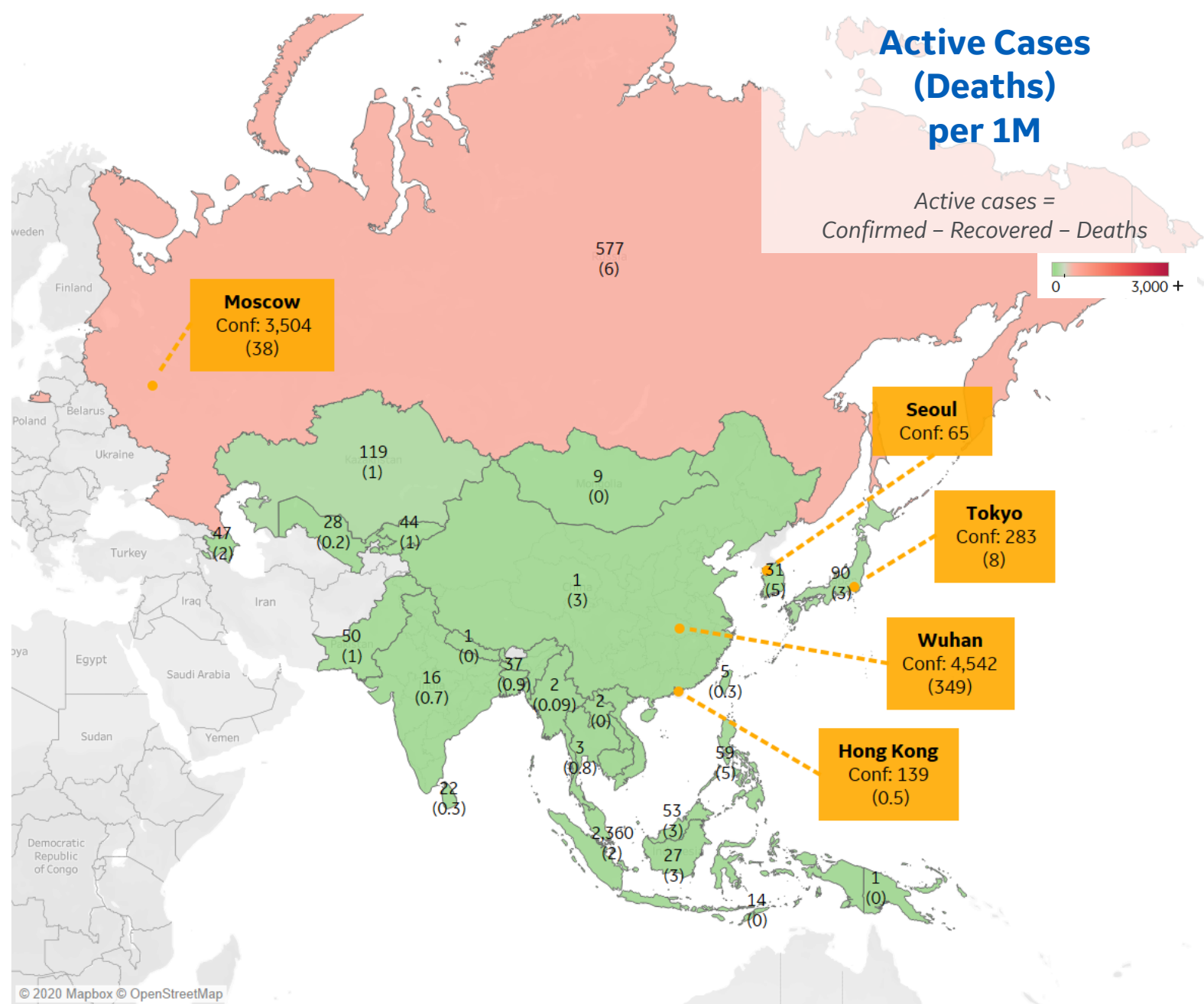
## Per 1M in Region

	Today	Change
Active Cases	40	+5%
Confirmed	2 new	+4%
Deaths	0.05 new	+2%
Recovered	0.6 new	+2%

## Most Active Cases per 1M

Singapore	2,360
Russia	577
Kazakhstan	119
Japan	90
Philippines	59
Malaysia	53
Pakistan	50
Azerbaijan	47
Kyrgyzstan	44
Bangladesh	37

\* Excludes regions with population < 1M



# Africa

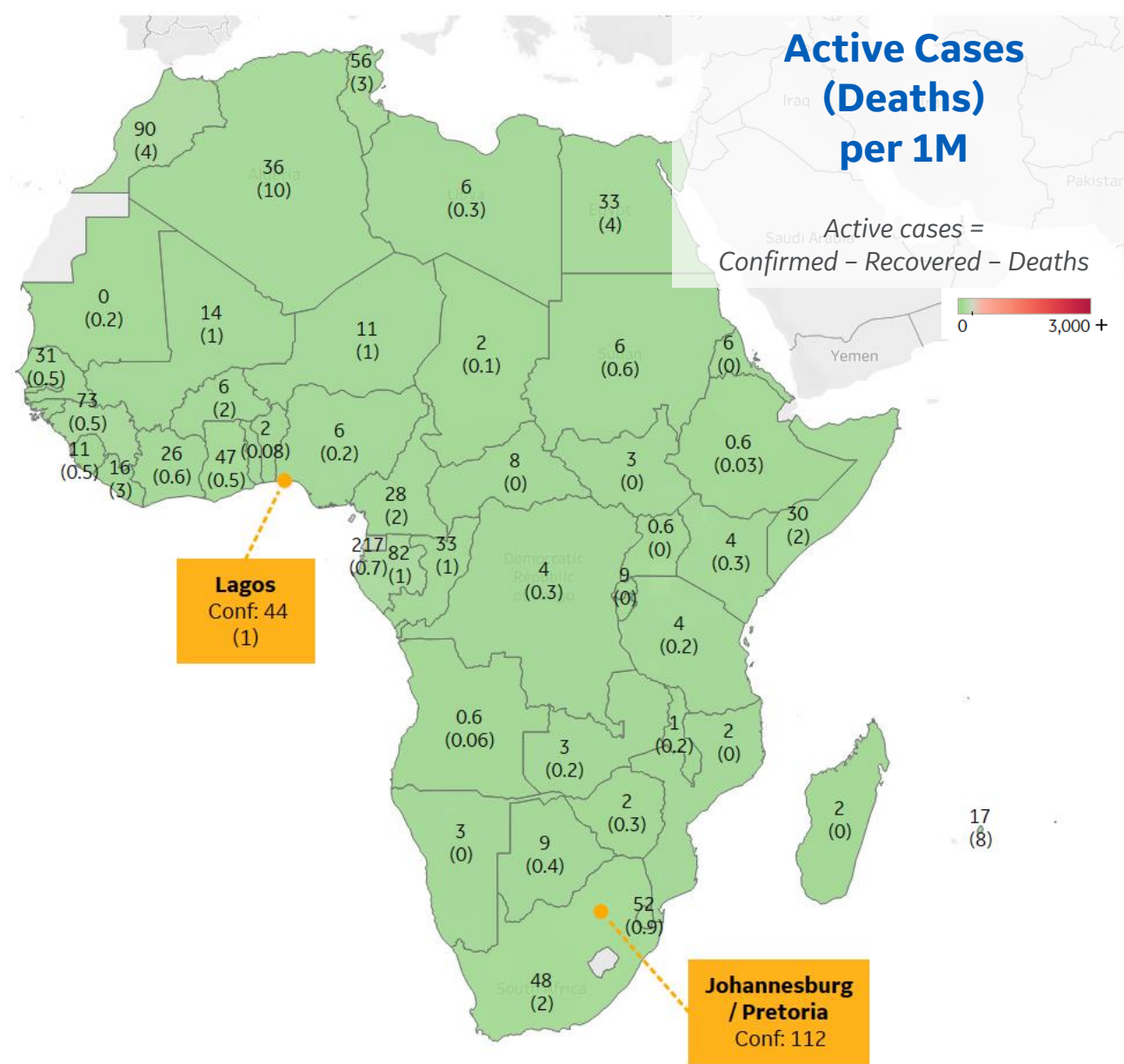
## Per 1M in Region

	Today	Change
Active Cases	16	+2%
Confirmed	1 new	+5%
Deaths	0.05 new	+4%
Recovered	0.9 new	+12%

## Most Active Cases per 1M

Equatorial Guinea	217
Morocco	90
Gabon	82
Guinea	73
Tunisia	56
Eswatini	52
South Africa	48
Ghana	47
Algeria	36
Egypt	33

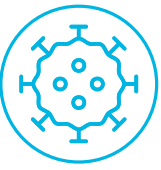
\* Excludes regions with population < 1M



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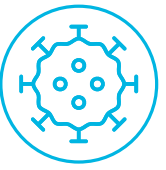
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**Rome Pop Density:**

<http://demo.istat.it/bilmens2019gen/index.html>

**Madrid Pop Density:**

[https://www.ine.es/dyngs/INEbase/en/categoria.htm?c=Estadistica\\_P&cid=1254734710990](https://www.ine.es/dyngs/INEbase/en/categoria.htm?c=Estadistica_P&cid=1254734710990)

