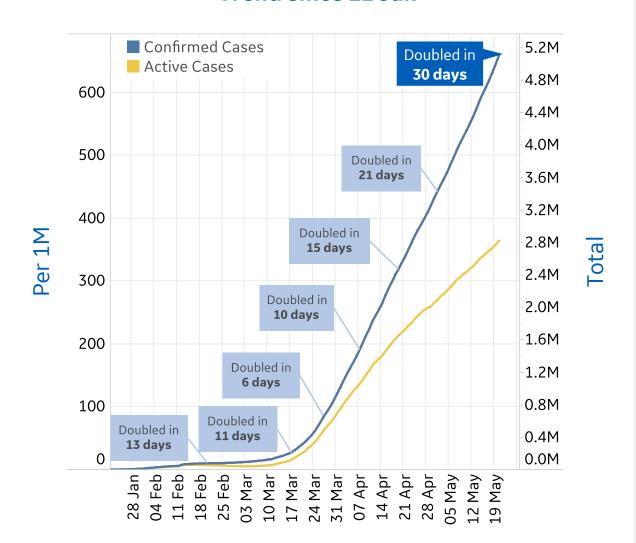


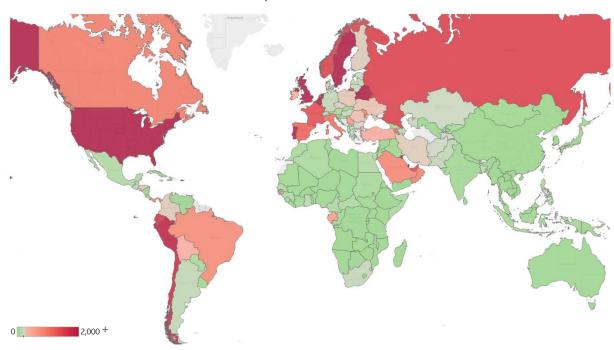
Updated 22 May 2020, 3:30 GMT

Trend since 22 Jan



Today per 1M

Active cases = Confirmed - Recovered - Deaths



Per 1M:	Today	Change
Active Today	353	+3%
Active	7 new	+3%
Confirmed	14 new	+2%
Deaths	1 new	+1%
Recovered	7 new	+3%

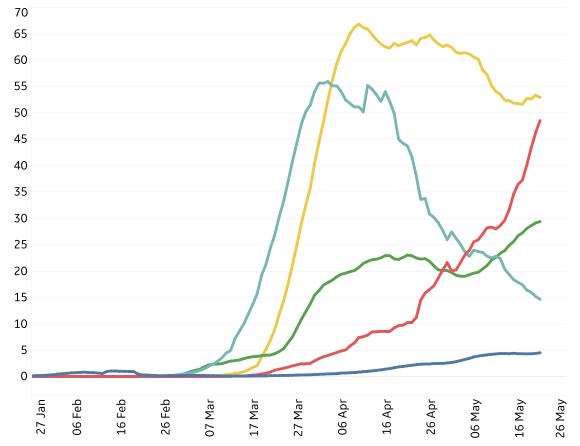


New Confirmed Cases & New Deaths

Key North America Europe Middle East Central/South America Asia

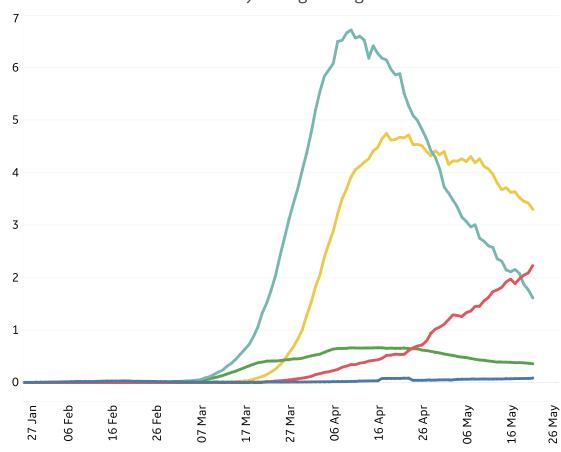
New Confirmed Cases / 1M

7-day rolling average



New Deaths / 1M

7-day rolling average



Top 50 Countries: Per 1M

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1 - 25		Today			Total since 22 Jan		
	Active Today	Confirmed	Deaths	Recovered	Total Confirmed	Total Deaths	Total Recovered
Qatar	10,880	539	0	239	13,416	6	2,530
US	3,577	76	4	13	4,765	286	902
UK	3,167	39	5	1	3,716	532	17
Kuwait	3,108	244	1	75	4,357	30	1,219
Singapore	3,021	77	0	155	5,096	4	2,071
Belgium	2,766	22	3	12	4,852	793	1,293
Bahrain	2,521	168	0	179	4,804	7	2,276
Sweden	2,310	64	4	0	3,186	383	492
Netherlands	2,272	15	2	0	2,620	338	10
Belarus	2,236	100	1	68	3,532	20	1,276
Portugal	2,176	25	1	0	2,933	125	633
Peru	1,881	144	4	49	3,299	95	1,322
Chile	1,726	207	2	78	3,012	31	1,255
Ecuador	1,633	26	3	0	2,001	167	202
Russia	1,520	61	1	50	2,176	21	635
Norway	1,483	5	0	0	1,533	43	6
UAE	1,406	90	0	96	2,720	24	1,290
France	1,375	4	1	8	2,788	432	980
Spain	1,170	10	1	0	4,984	598	3,216
Italy	1,008	11	3	38	3,771	537	2,226
Armenia	997	113	1	55	1,892	24	871
Canada	921	31	3	25	2,192	166	1,106
Oman	885	64	0	32	1,247	6	357
Moldova	872	37	1	0	1,662	58	732
Panama	830	32	1	11	2,345	67	1,447

26 - 50			Today			Total since 22 Jan			
	Active Today	Confirmed	Deaths	Recovered	Total Confirmed	Total Deaths	Total Recovered		
Saudi Arabia	824	73	0	73	1,869	10	1,035		
EU	820	10	1	13	2,503	278	1,405		
Brazil	772	87	6	44	1,459	94	593		
Eq. Guinea	621	9	2	0	644	7	16		
Serbia	608	10	0	35	1,250	27	615		
Guinea-Bissau	539	10	0	0	564	3	21		
Dom. Rep.	539	17	0	21	1,259	41	679		
Gabon	535	0	0	0	704	5	164		
Turkey	407	11	0	11	1,821	50	1,363		
Bolivia	378	23	1	1	444	18	48		
Ireland	354	15	2	0	4,940	321	4,265		
Israel	310	2	0	26	1,927	32	1,586		
Romania	304	10	0	12	914	60	550		
Ukraine	295	11	0	6	451	13	142		
Cyprus	286	1	0	38	764	14	465		
Poland	283	11	0	7	532	26	223		
Honduras	268	25	1	5	323	16	40		
Colombia	260	13	0	3	360	13	87		
Iran	256	28	1	21	1,540	86	1,197		
Finland	250	9	0	0	1,172	55	866		
Czechia	236	3	0	9	817	29	553		
Bulgaria	214	6	1	7	335	17	105		
North Macedo	196	19	0	5	911	53	661		
Afghanistan	194	14	0	0	223	5	24		
Total World	364	14	1	7	659	43	252		



Top 50 Countries: Raw Volume

Updated 22 May 2020, 3:30 GMT

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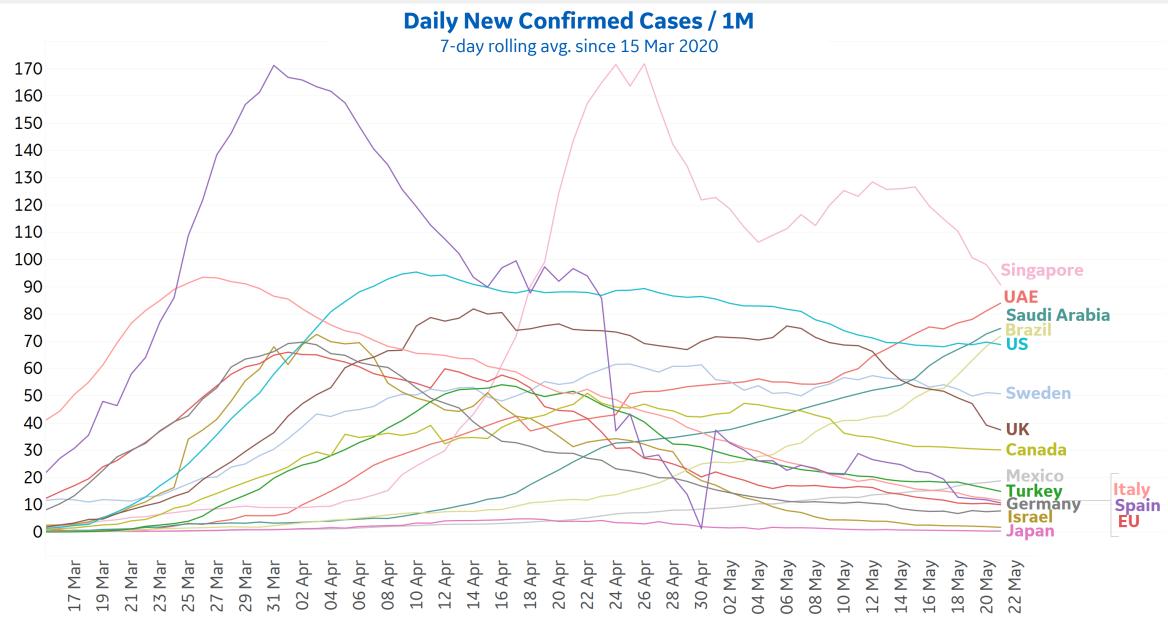
1 - 25		Today			Total since 22 Jan			
	Active Cases	Confirmed	Deaths	Recovered	Total Confirmed	Total Deaths	Total Recovered	
US	1,184,027	25,294	1,263	4,106	1,577,147	94,702	298,418	
EU	365,209	4,356	522	5,515	1,114,336	123,763	625,364	
Russia	221,774	8,849	127	7,289	317,554	3,099	92,681	
UK	214,988	2,627	338	18	252,246	36,124	1,134	
Brazil	164,080	18,508	1,188	9,277	310,087	20,047	125,960	
France	89,757	251	83	504	181,951	28,218	63,976	
Italy	60,960	642	156	2,278	228,006	32,486	134,560	
Peru	62,034	4,749	124	1,619	108,769	3,148	43,587	
Spain	54,721	482	52	0	233,037	27,940	150,376	
Netherlands	38,937	253	27	0	44,900	5,794	169	
Canada	34,744	1,167	117	938	82,742	6,267	41,731	
Turkey	34,309	961	27	1,003	153,548	4,249	114,990	
Belgium	32,061	252	36	141	56,235	9,186	14,988	
Chile	33,000	3,964	45	1,488	57,581	589	23,992	
Qatar	31,346	1,554	1	688	38,651	17	7,288	
Saudi Arabia	28,686	2,532	12	2,562	65,077	351	36,040	
Ecuador	28,810	452	51	0	35,306	2,939	3,557	
Sweden	23,330	649	40	0	32,172	3,871	4,971	
Portugal	22,183	252	14	0	29,912	1,277	6,452	
Iran	21,528	2,392	66	1,756	129,341	7,249	100,564	
Belarus	21,129	945	6	642	33,371	185	12,057	
Singapore	17,672	448	1	910	29,812	23	12,117	
UAE	13,906	894	4	946	26,898	237	12,755	
Colombia	13,247	643	22	175	18,330	652	4,431	
Kuwait	13,275	1,041	5	320	18,609	129	5,205	

26 - 50		Today			Total since 22 Jan			
	Active Cases	Confirmed	Deaths	Recovered	Total Confirmed	Total Deaths	Total Recovered	
Ukraine	12,900	476	15	272	19,706	579	6,227	
Poland	10,719	404	10	269	20,143	972	8,452	
Norway	8,042	28	1	0	8,309	235	32	
Afghanistan	7,545	531	6	8	8,676	193	938	
Romania	5,848	198	9	225	17,585	1,156	10,581	
Dom. Rep.	5,843	180	2	224	13,657	448	7,366	
Serbia	5,312	86	2	303	10,919	237	5,370	
Oman	4,518	327	1	160	6,370	31	1,821	
Bolivia	4,411	268	16	8	5,187	215	561	
Bahrain	4,289	286	0	305	8,174	12	3,873	
Panama	3,580	139	4	51	10,116	291	6,245	
Moldova	3,518	151	5	0	6,704	233	2,953	
Armenia	2,955	335	3	162	5,606	70	2,581	
Israel	2,680	16	0	220	16,683	279	13,724	
Honduras	2,651	249	9	48	3,204	156	397	
Czechia	2,522	33	2	96	8,754	306	5,926	
Ireland	1,748	76	12	0	24,391	1,583	21,060	
Bulgaria	1,484	39	4	43	2,331	120	727	
Finland	1,387	50	2	0	6,493	306	4,800	
Gabon	1,190	0	0	0	1,567	12	365	
Guinea-Bissau	1,061	20	0	0	1,109	6	42	
Eq. Guinea	871	13	3	0	903	10	22	
North Macedo	409	40	1	11	1,898	111	1,378	
Cyprus	345	1	0	45	923	17	561	
Total World	2,820,761	105,952	4,809	51,273	5,102,424	332,924	1,948,739	



New Confirmed Cases in Select Countries

Updated 22 May 2020, 3:30 GMT

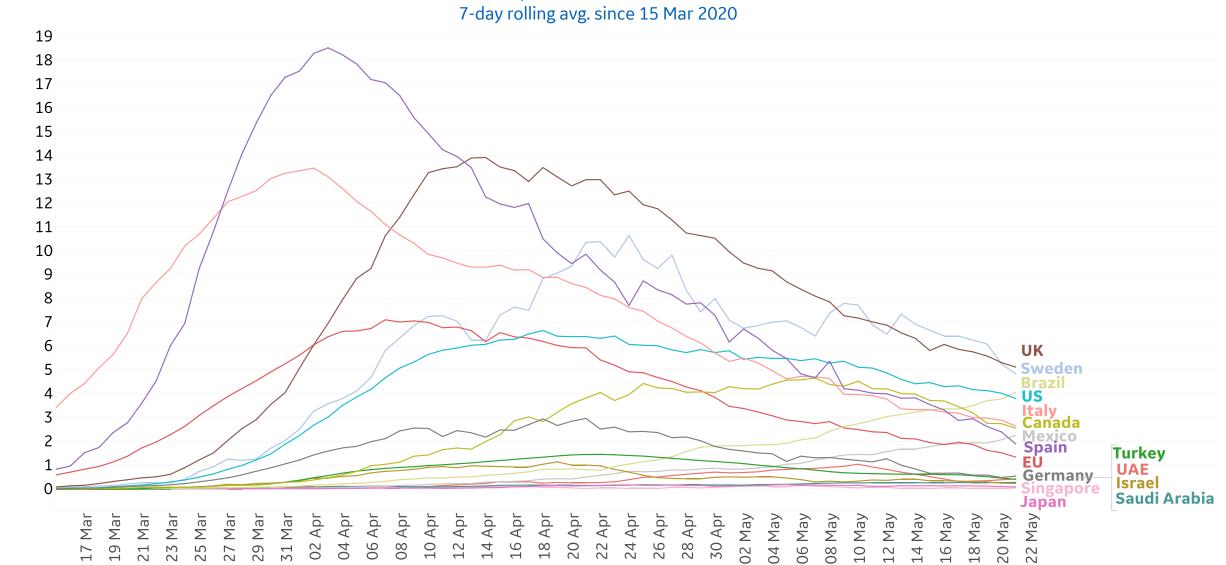






Updated 22 May 2020, 3:30 GMT

Daily New Deaths / 1M

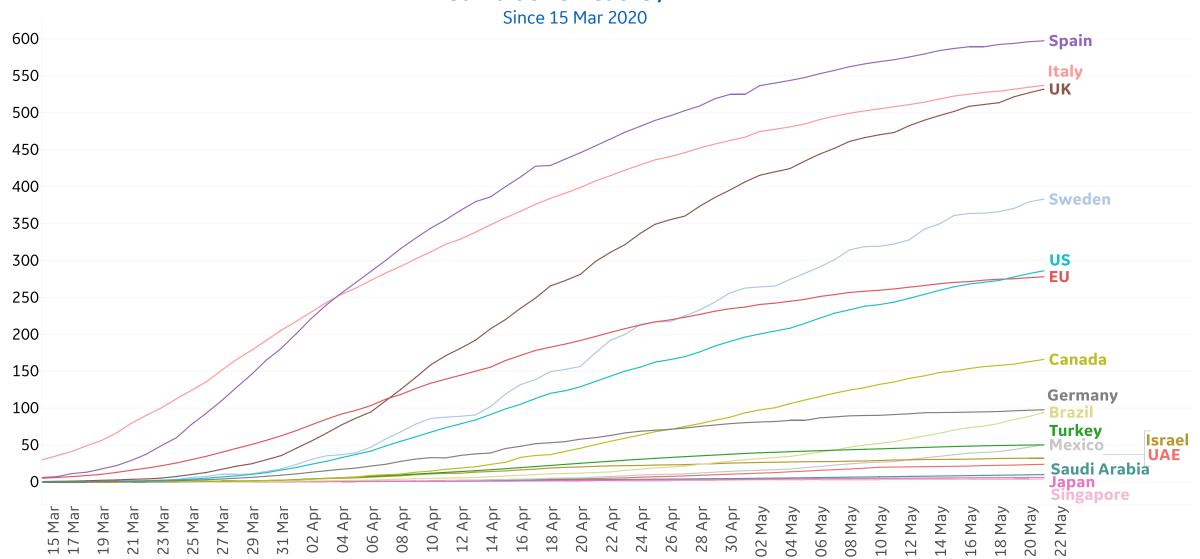




Cumulative Deaths in Select Countries

Updated 22 May 2020, 3:30 GMT

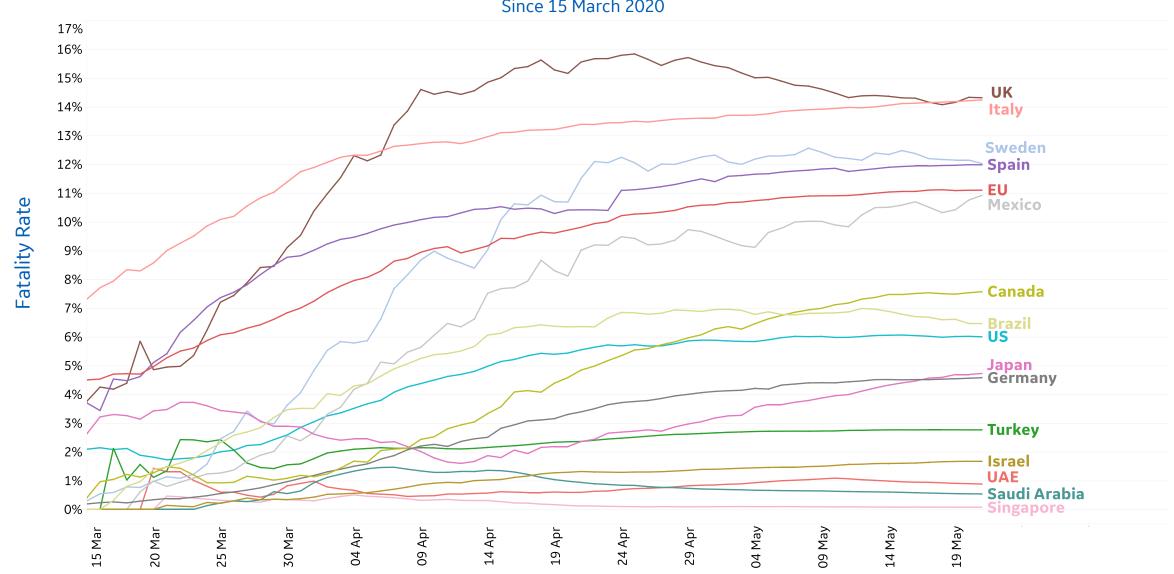






Deaths / Confirmed Cases

Since 15 March 2020





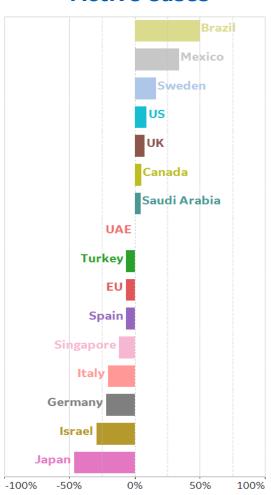




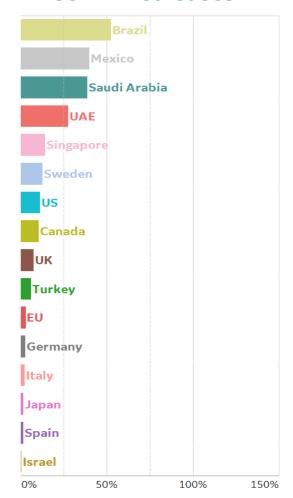
Updated 22 May 2020, 3:30 GMT

Over Previous 7 days

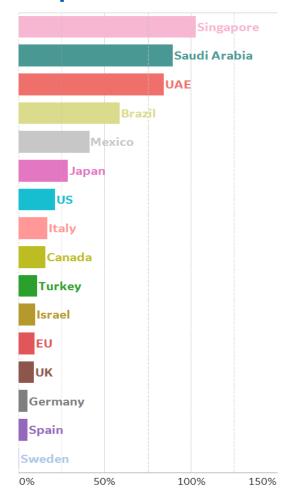
Active Cases



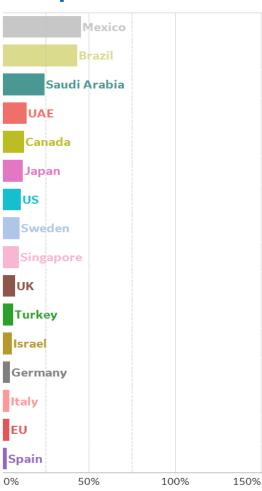
Confirmed Cases



Reported Recoveries



Reported Deaths





Feature: Trends in Ecosystem Cities

Abbreviation	Metropolitan Area
ASH	Asheville, NC
BAL	Baltimore - Columbia - Towson, MD
BFL	Bakersfield, CA
BRA	Bradford, United Kingdom
DUR	Durham - Chapel Hill, NC
HJO	Hanford-Corcoran, CA
LEI	Leiden, Netherlands
LAX	Los Angeles-Long Beach-Anaheim, CA
MIA	Miami - Ft. Lauderdale - Pompano Beach, FL
ORL	Orlando - Kissimmee - Sanford, FL
PHL	Philadelphia - Camden - Wilmington, PA-NJ-DE-MD
POR	Portland - Vancouver - Hillsboro, OR-WA
RAL	Raleigh - Cary, NC
SEA	Seattle - Tacoma - Bellevue, WA
TOR	Toronto, Canada
TPA	Tampa - St. Petersburg - Clearwater, FL

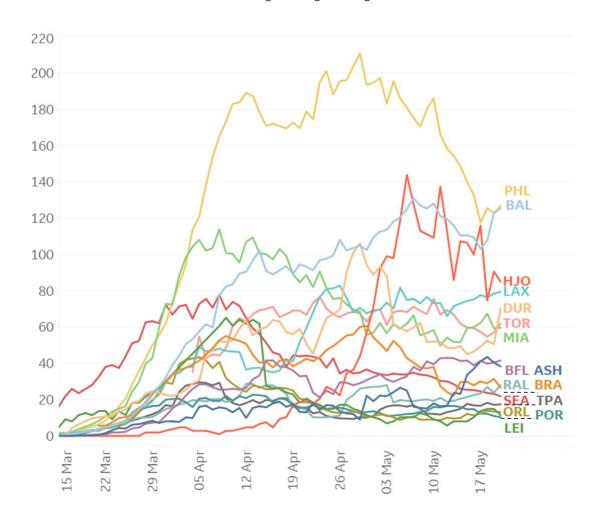


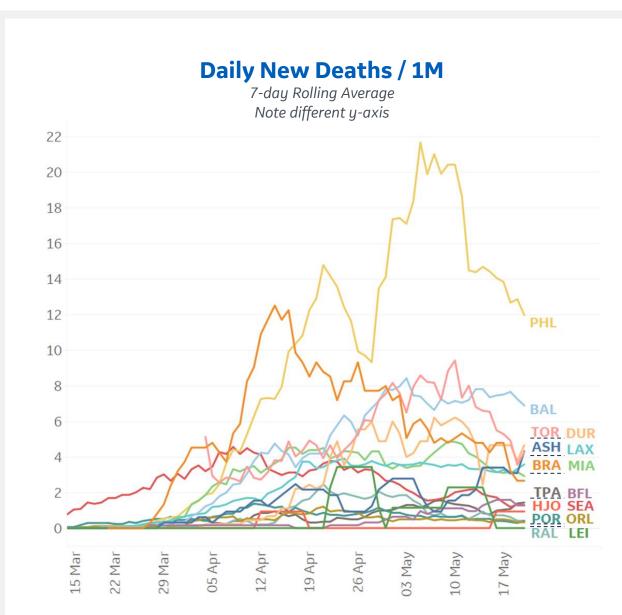
Feature: Trends in Ecosystem Cities

Updated 22 May 2020, 3:30 GMT

Daily New Confirmed Cases / 1M

7-day Rolling Average

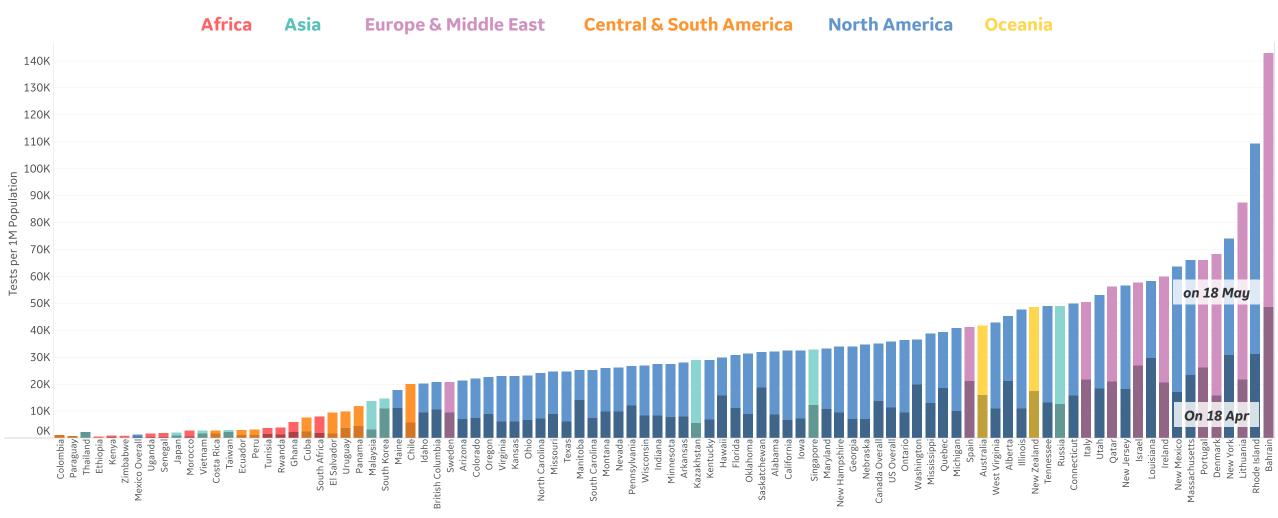






Feature: Global Testing Continuum

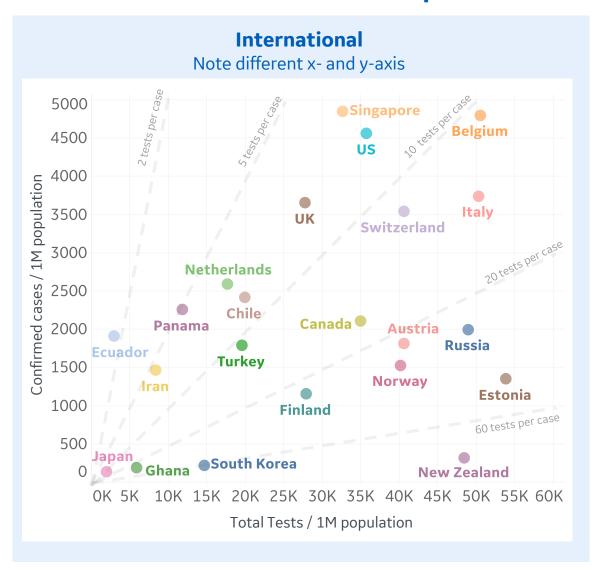
Number of tests performed per 1M: 18 May (light shade) compared to 18 Apr (dark shade)

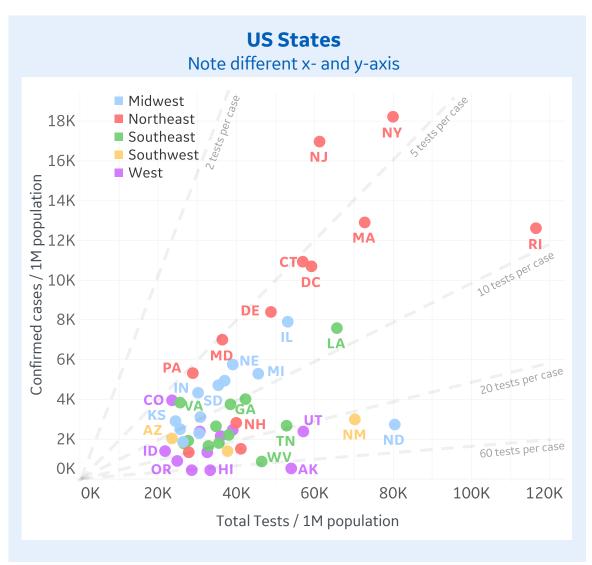


COMMAND CENTERS

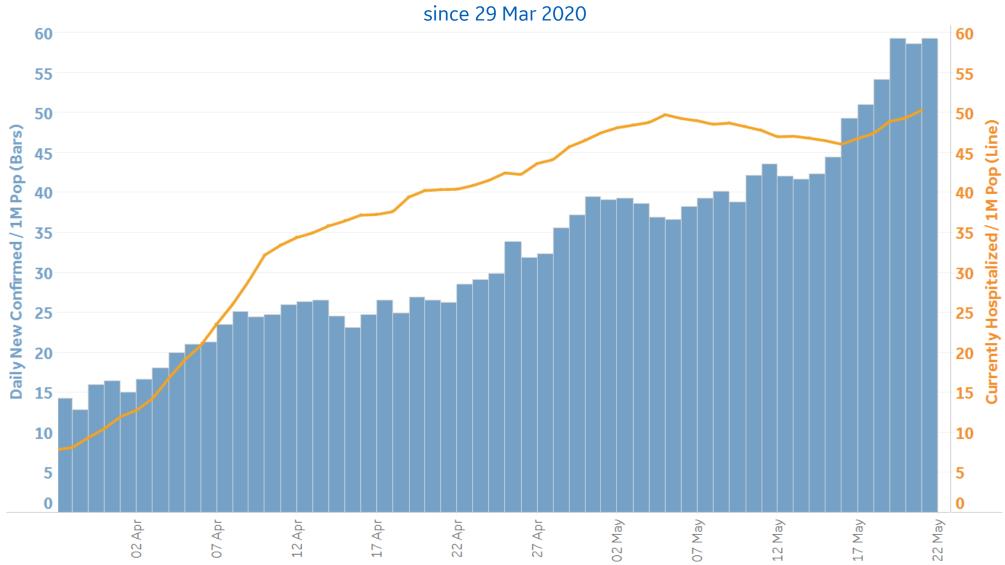
Feature: US & International Testing

Per 1M Population: Total Tests vs. Confirmed Cases





Daily New Confirmed / 1M and Current Hospitalizations / 1M



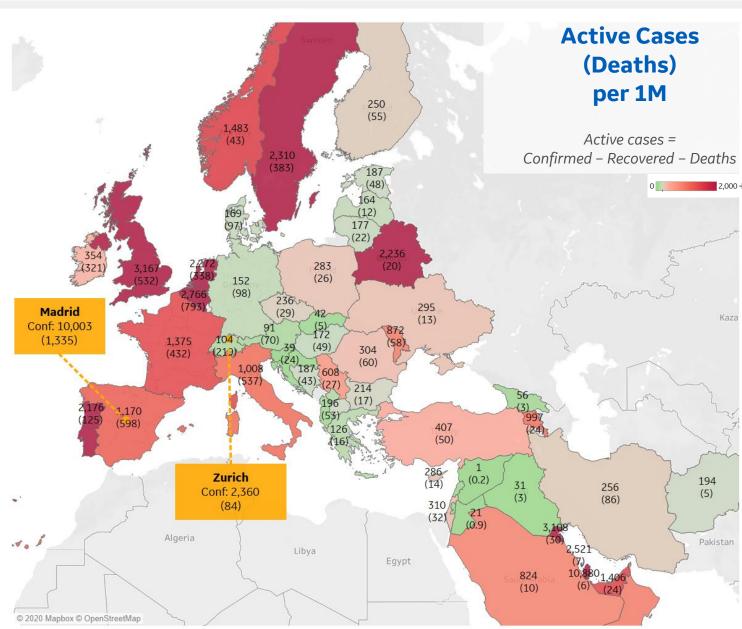


Per 1M in Region

	Today	Change
Active Cases	830	+1%
Confirmed	21 new	+1%
Deaths	1 new	+1%
Recovered	16 new	+2%

10,880
1,152
3,108
2,766
2,521
2,310
2,272
2,236
2,176
1,483

^{*} Excludes regions with population < 1M



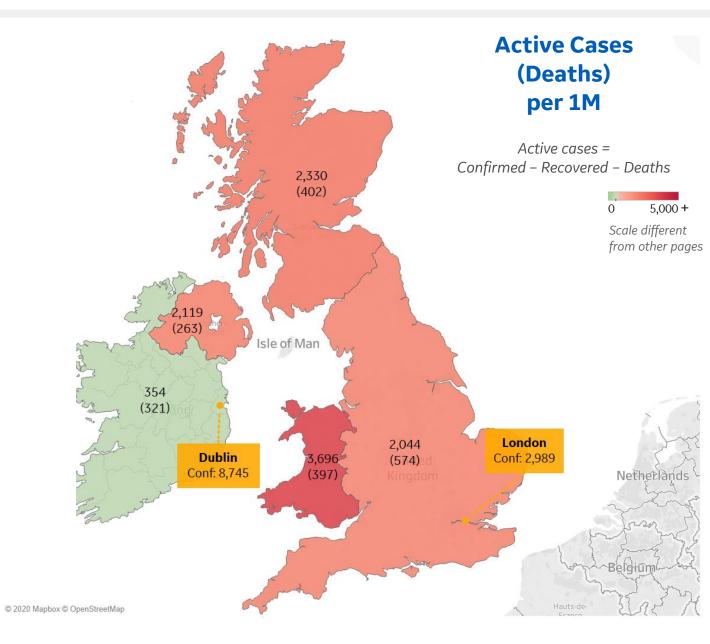
COMMAND CENTERS



Per 1M in Region

	Today	Change
Active Cases	2,976	+0.3%
Confirmed	37 new	+1%
Deaths	5 new	+1%
Recovered	0 new	+0%

Wales	3,696
Scotland	2,330
Northern Ireland	2,119
England	2,044
Ireland	354



from other pages

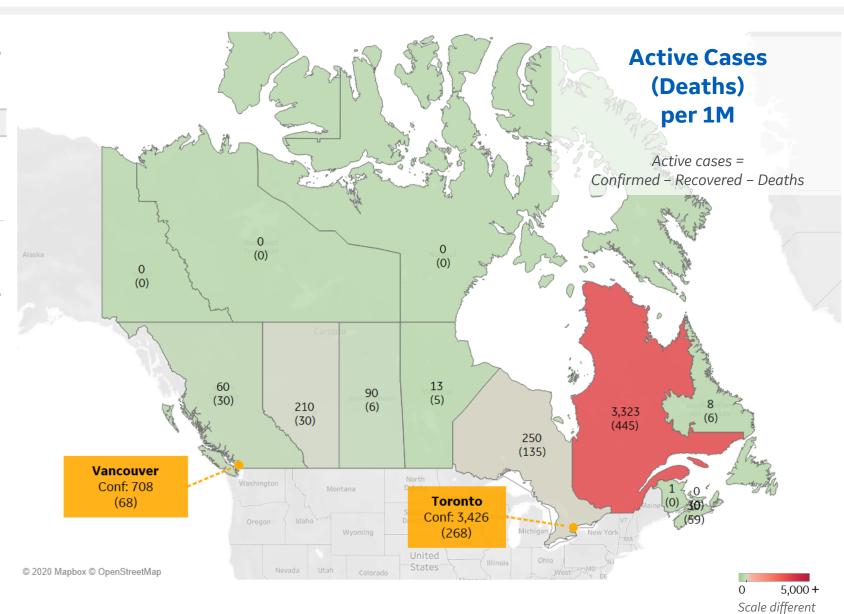


Per 1M in Region

	Today	Change
Active Cases	921	+0%
Confirmed	31 new	+1%
Deaths	3 new	+2%
Recovered	25 new	+2%

Most Active Cases per 1M

Quebec	3,323
Ontario	250
Alberta	210
Saskatchewan	90
British Columbia	60
Nova Scotia	30
Manitoba	13
Newfoundland an	8
New Brunswick	1

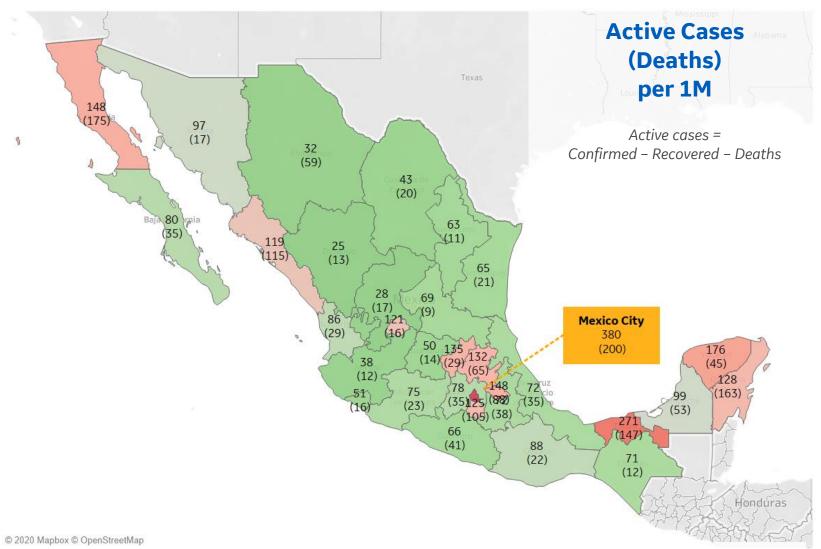




Per 1M in Region

	Today	Change
Active Cases	100	+7%
Confirmed	23 new	+5%
Deaths	3 new	+7%
Recovered	13 new	+4%

Distrito Federal	380
Tabasco	271
Yucatan	176
Baja California	148
Tlaxcala	148
Queretaro	135
Hidalgo	132
Quintana Roo	128
Morelos	125
Aguascalientes	121

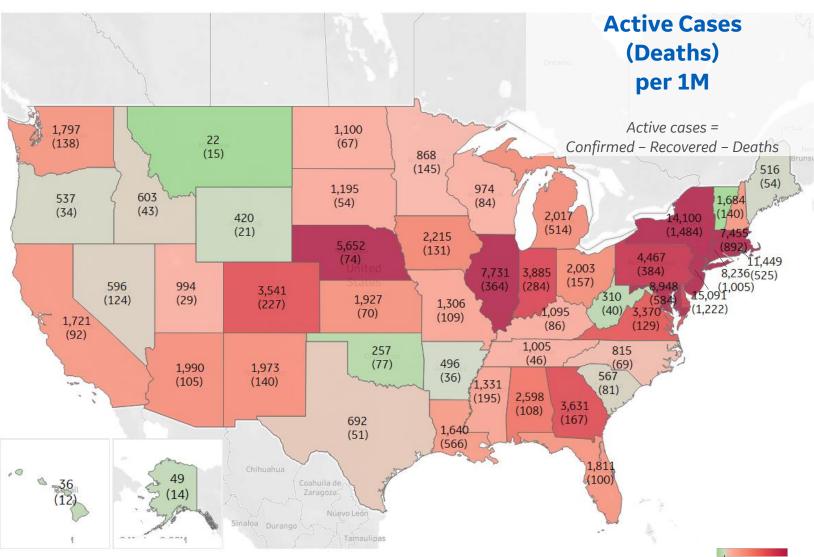




Per 1M in Region

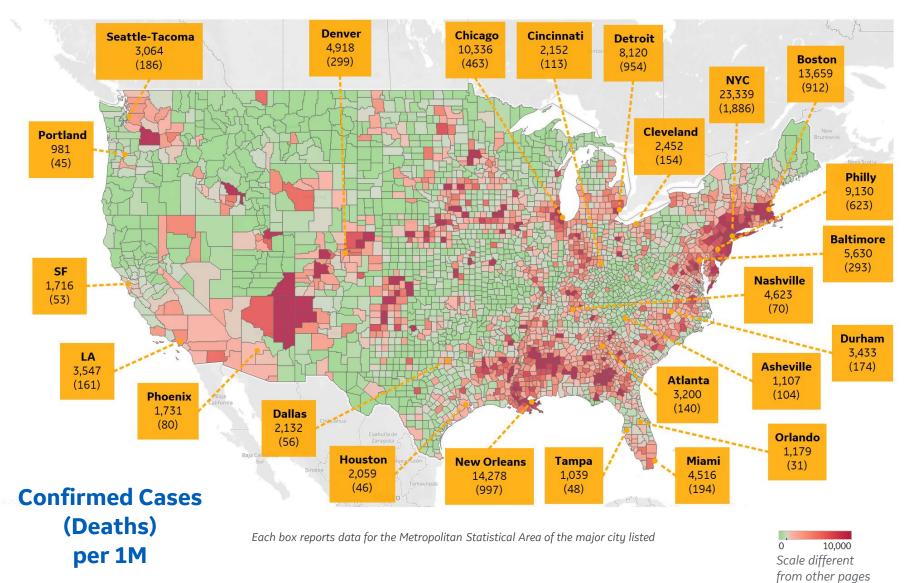
	Today	Change
Active Cases	3,577	+2%
Confirmed	76 new	+2%
Deaths	4 new	+1%
Recovered	13 new	+1%

New Jersey	15,091
New York	14,100
Rhode Island	11,449
DC	8,948
Connecticut	8,236
Illinois	7,731
Massachusetts 7,455	
Maryland	6,379
Nebraska	5,652
Pennsylvania	4,467





Updated 22 May 2020, 3:30 GMT



Top 10 Northeast Counties

Total Confirmed Cases / 1M

38,740
32,907
29,748
28,561
26,803
26,065
25,420
25,393
22,693
20,182

Top 10 Other US Counties

Total Confirmed Cases / 1M

Orleans Parish, LA	17,354
Jefferson Parish, LA	15,956
Prince George's County, MD	11,780
Cook County, IL	11,425
Wayne County, MI	10,691
District of Columbia, DC	9,670
Lake County, IL	8,673
Yakima County, WA	8,308
Marion County, IN	8,232
Brown County, WI	7,588

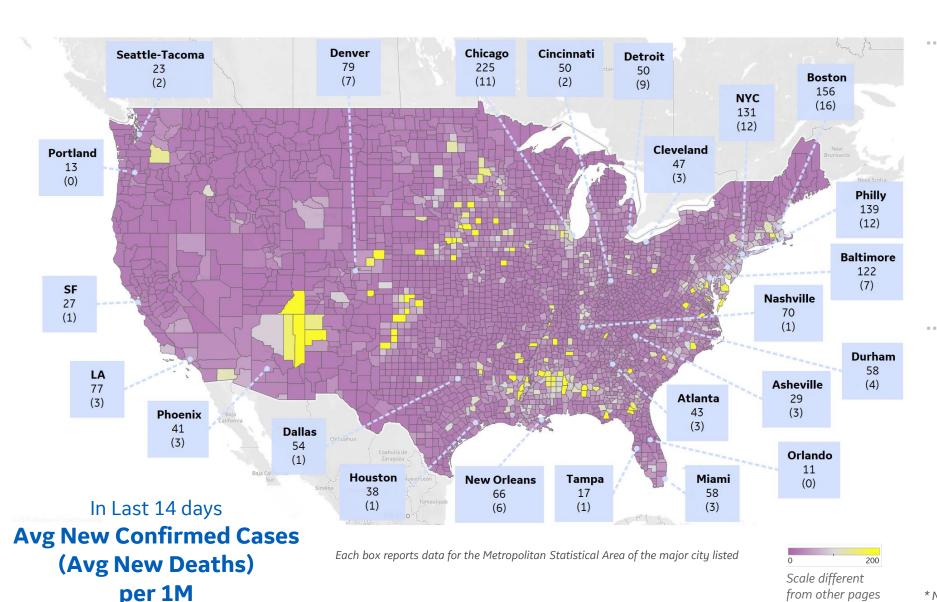
Note: Includes counties ≥ 250K population

^{*} New York City counties aggregated into one reporting area



US by County & Metro, New in Last 14 days





Top 10 Northeast Counties

Avg New Confirmed Cases / 1M

Providence County, RI	338
Worcester County, MA	241
Mercer County, NJ	237
Essex County, MA	222
Bristol County, MA	222
Suffolk County, MA	209
Hartford County, CT	204
Passaic County, NJ	194
Camden County, NJ	189
Delaware County, PA	186

Top 10 Other US Counties

Avg New Confirmed Cases / 1M

Prince George's County, MD	339
Kane County, IL	333
Yakima County, WA	286
Prince William County, VA	271
Cook County, IL	266
Lake County, IL	243
Winnebago County, IL	233
Fairfax County, VA	220
Montgomery County, MD	219
District of Columbia, DC	216

Note: Includes counties ≥ 250K population

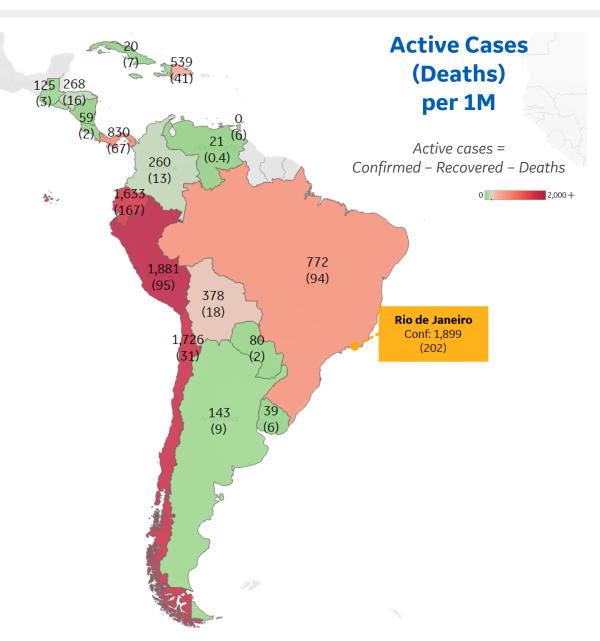
^{*} New York City counties aggregated into one reporting area

Per 1M in Region

	Today	Change
Active Cases	635	+5%
Confirmed	58 new	+5%
Deaths	3 new	+5%
Recovered	25 new	+6%

1,881
1,726
1,633
830
772
539
378
268
260
164

^{*} Excludes regions with population < 1M



COMMAND CENTERS



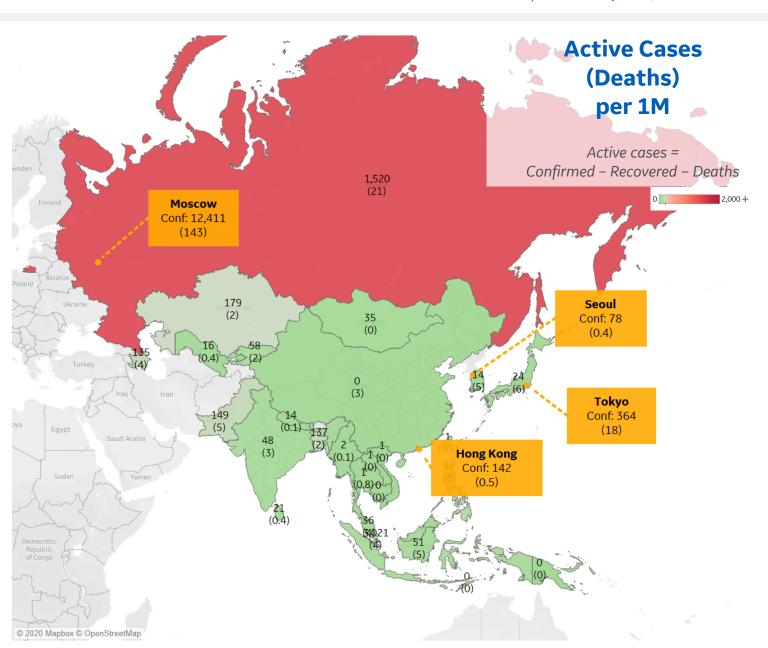


Per 1M in Region

	Today	Change
Active Cases	91	+2%
Confirmed	5 new	+3%
Deaths	0.1 new	+2%
Recovered	4 new	+6%

Singapore	3,021
Russia	1,520
Kazakhstan	179
Pakistan	149
Bangladesh	137
Azerbaijan	135
Philippines	87
Kyrgyzstan	58
Indonesia	51
India	48

^{*} Excludes regions with population < 1M



COMMAND CENTERS

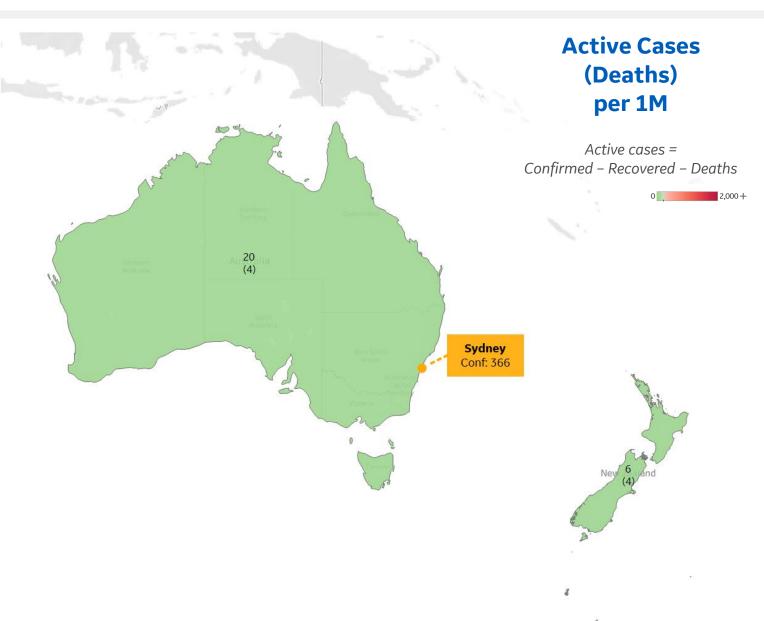


Per 1M in Region

	Today	Change
Active Cases	18	-0.1%
Confirmed	0.5 new	+0.2%
Deaths	0 new	+1%
Recovered	1 new	+0.4%

Australia	20
New Zealand	6

^{*} Excludes regions with population < 1M



COMMAND CENTERS

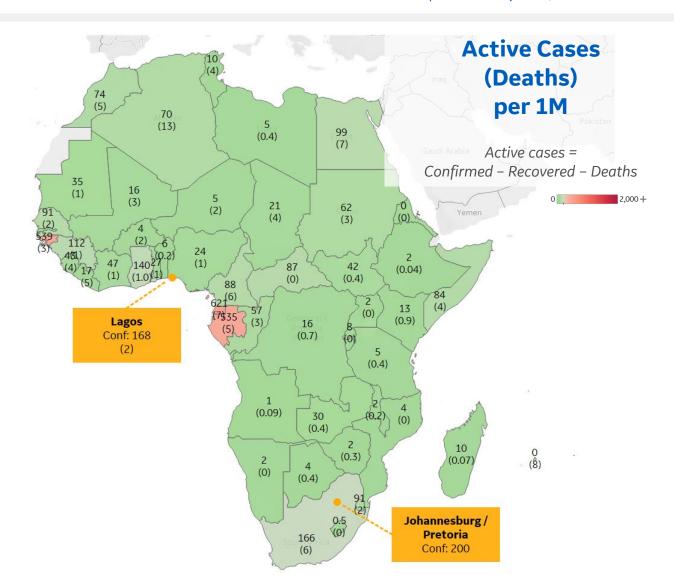


Per 1M in Region

	Today	Change
Active Cases	43	+6%
Confirmed	4 new	+5%
Deaths	0.1 new	+4%
Recovered	1 new	+4%

Eq. Guinea	621
Guinea-Bissau	539
Gabon	535
South Africa	166
Ghana	140
Guinea	112
Egypt	99
Eswatini	91
Senegal	91
Cameroon	88

^{*} 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/vatb/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

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http://www.euro.who.int/en/health-topics/health-emergencies/coronavirus-covid-19/weekly-surveillance-report

WHO Europe, Principles for Transition:

http://www.euro.who.int/en/media-centre/sections/statements/2020/statement-transition-to-a-new-normal-during-

the-covid-19-pandemic-must-be-guided-by-public-health-principles

UK Office for National Statistics

 $\underline{https://www.ons.gov.uk/people population and community/births deaths and marriages/deaths/bulletins/deaths registered with the registered and the registered and$ eeklyinenglandandwalesprovisional/weekending24april2020

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-pointepidemiologique-en-ile-de-france-du-23-avril-2020

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/

CIA World Factbook:

https://www.cia.gov/library/publications/resources/the-world-factbook/

Italian Ministry of Health:

http://www.salute.gov.it/portale/nuovocoronavirus/dettaglioContenutiNuovoCoronavirus,jsp?lingua=italiano&id=5351&area=nu ovoCoronavirus&menu=vuoto

New South Wales Government:

https://www.health.nsw.gov.au/Infectious/diseases/Pages/covid-19-latest.aspx

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

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

Coronavirus Cases in Japan by Prefecture, Nippon Communications Foundation:

https://www.nippon.com/en/japan-data/h00657/coronavirus-cases-in-japan-by-prefecture.html

Coordination Center for Health Emergencies, Spain:

https://www.mscbs.gob.es/profesionales/saludPublica/ccayes/alertasActual/nCov-China/documentos/Actualizacion_78_COVID-19.pdf

CDC, National Vital Statistics Reports:

https://www.cdc.gov/nchs/data/nvsr/nvsr68/nvsr68_06-508.pdf

Secretary of Health, Mexico:

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