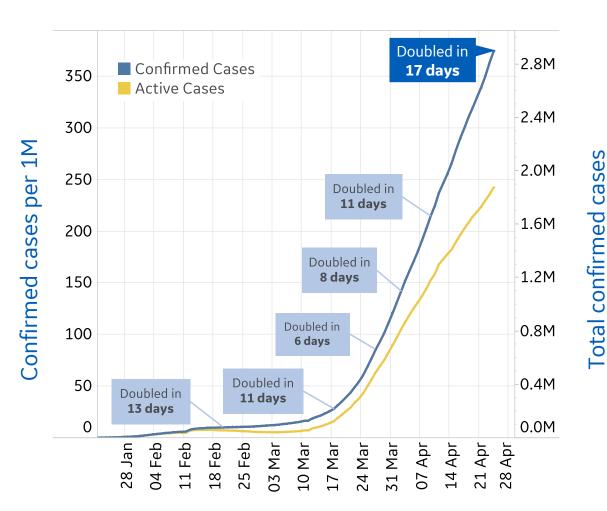
Global Confirmed & Active Cases

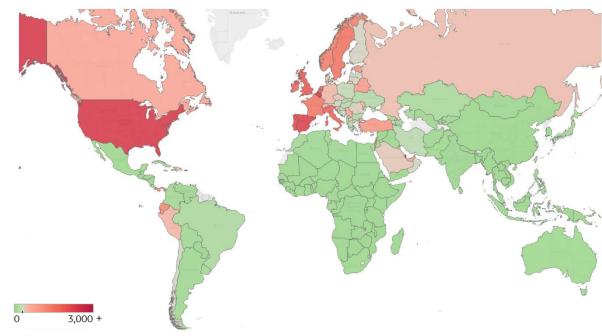


Trend since 22 Jan



Today per 1M

Active cases = Confirmed - Recovered - Deaths



| Per 1M: | Today | Change |
|--------------|---------|--------|
| Active Cases | 243 | +3% |
| Confirmed | 11 new | +3% |
| Deaths | 0.8 new | +3% |
| Recovered | 4 new | +4% |



cases

Global Summary



| Volume | 9 | Today | | Total since 22 Jan | | | |
|-------------|-----------------|-----------|--------|--------------------|--------------------|-----------------|--------------------|
| | Active Cases | Confirmed | Deaths | Recovered | Confirmed Cases | Total Deaths | Total Recovered |
| US | 784,027 | 32,796 | 1,806 | 1,293 | 938,154 | 53,755 | 100,372 |
| UK | 128,414 | 4,929 | 814 | 50 | 149,569 | 20,381 | 774 |
| Italy | 105,847 | 2,357 | 415 | 2,622 | 195,351 | 26,384 | 63,120 |
| Spain | 105,149 | 3,995 | 378 | 3,353 | 223,759 | 22,902 | 95,708 |
| France | 93,624 | 1,692 | 369 | 1,101 | 161,644 | 22,648 | 45,372 |
| Turkey | 79,485 | 2,861 | 106 | 3,845 | 107,773 | 2,706 | 25,582 |
| Russia | 67,657 | 5,966 | 66 | 682 | 74,588 | 681 | 6,250 |
| Germany | 40,836 | 1,514 | 117 | 0 | 156,513 | 5,877 | 109,800 |
| Netherlands | 32,858 | 655 | 120 | 0 | 37,384 | 4,424 | 102 |
| Belgium | 27,991 | 1,032 | 238 | 295 | 45,325 | 6,917 | 10,417 |
| Canada | 26,931 | 1,437 | 163 | 864 | 45,491 | 2,547 | 16,013 |
| Portugal | 21,235 | 595 | 26 | 49 | 23,392 | 880 | 1,277 |
| Iran | 15,485 | 1,134 | 76 | 1,594 | 89,328 | 5,650 | 68,193 |
| Sweden | 14,980 | 610 | 40 | 0 | 18,177 | 2,192 | 1,005 |
| Japan | 11,215 | 402 | 15 | 126 | 13,231 | 360 | 1,656 |
| Singapore | 11,679 | 618 | 0 | 46 | 12,693 | 12 | 1,002 |
| Ireland | 8,265 | 377 | 49 | 0 | 18,561 | 1,063 | 9,233 |
| Norway | 7,266 | 36 | 2 | 0 | 7,499 | 201 | 32 |
| Qatar | 8,419 | 833 | 0 | 120 | 9,358 | 10 | 929 |
| South Korea | 1,769 | 10 | 2 | 82 | 10,728 | 242 | 8,717 |
| China | 1,098 | 10 | 0 | 66 | 83,909 | 4,636 | 78,175 |
| Total World | 1,876,062 | 87,245 | 5,840 | 27,757 | 2,896,744 | 202,844 | 817,838 |

| Per 1M | | Today | | | Tota | 22 Jan | |
|-------------|-----------------|-----------|--------|-----------|-----------|-----------------|--------------------|
| | Active Cases | Confirmed | Deaths | Recovered | Confirmed | Total Deaths | Total Recovered |
| Qatar | 2,922 | 289 | 0 | 42 | 3,248 | 3 | 322 |
| Belgium | 2,415 | 89 | 21 | 25 | 3,911 | 597 | 899 |
| US | 2,369 | 99 | 5 | 4 | 2,834 | 162 | 303 |
| Spain | 2,249 | 85 | 8 | 72 | 4,786 | 490 | 2,047 |
| Portugal | 2,083 | 58 | 3 | 5 | 2,294 | 86 | 125 |
| Netherlands | 1,918 | 38 | 7 | 0 | 2,182 | 258 | 6 |
| Italy | 1,751 | 39 | 7 | 43 | 3,231 | 436 | 1,044 |
| UK | 1,892 | 73 | 12 | 1 | 2,203 | 300 | 11 |
| Singapore | 1,996 | 106 | 0 | 8 | 2,170 | 2 | 171 |
| Ireland | 1,674 | 76 | 10 | 0 | 3,759 | 215 | 1,870 |
| France | 1,434 | 26 | 6 | 17 | 2,476 | 347 | 695 |
| Sweden | 1,483 | 60 | 4 | 0 | 1,800 | 217 | 100 |
| Norway | 1,340 | 7 | 0 | 0 | 1,383 | 37 | 6 |
| Turkey | 942 | 34 | 1 | 46 | 1,278 | 32 | 303 |
| Canada | 714 | 38 | 4 | 23 | 1,205 | 67 | 424 |
| Germany | 487 | 18 | 1 | 0 | 1,868 | 70 | 1,311 |
| Russia | 464 | 41 | 0 | 5 | 511 | 5 | 43 |
| Iran | 184 | 14 | 1 | 19 | 1,064 | 67 | 812 |
| Japan | 89 | 3 | 0 | 1 | 105 | 3 | 13 |
| South Korea | 35 | 0 | 0 | 2 | 209 | 5 | 170 |
| China | 1 | 0 | 0 | 0 | 58 | 3 | 54 |
| Total World | 243 | 11 | 1 | 4 | 375 | 26 | 106 |

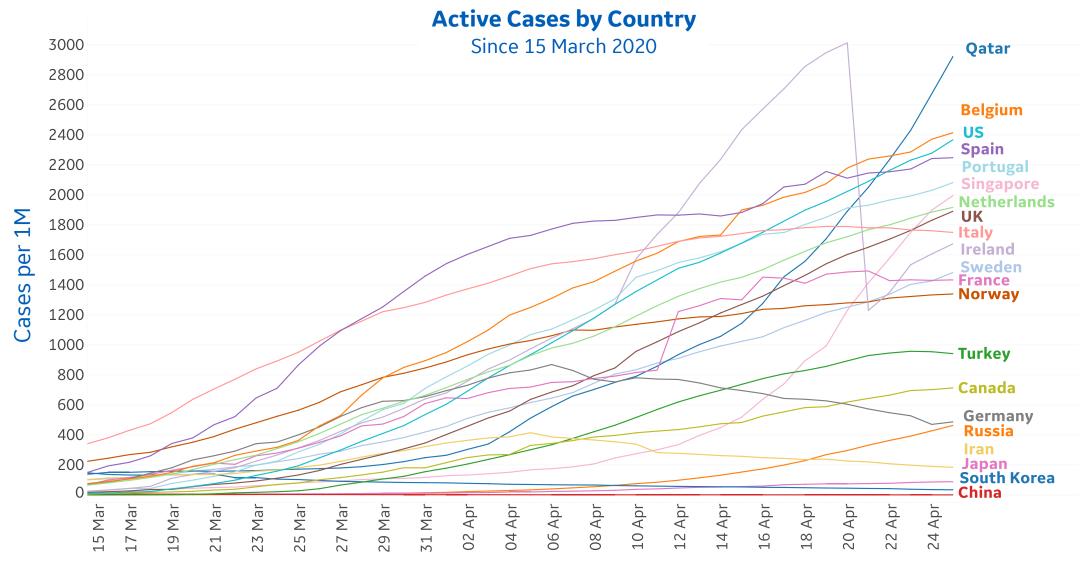
Worldwide, reported deaths surpassed 200,000, or 0.003% of the population

Recovered cases in **Turkey** increased 55% in the last 3 days



Trends in Active Cases

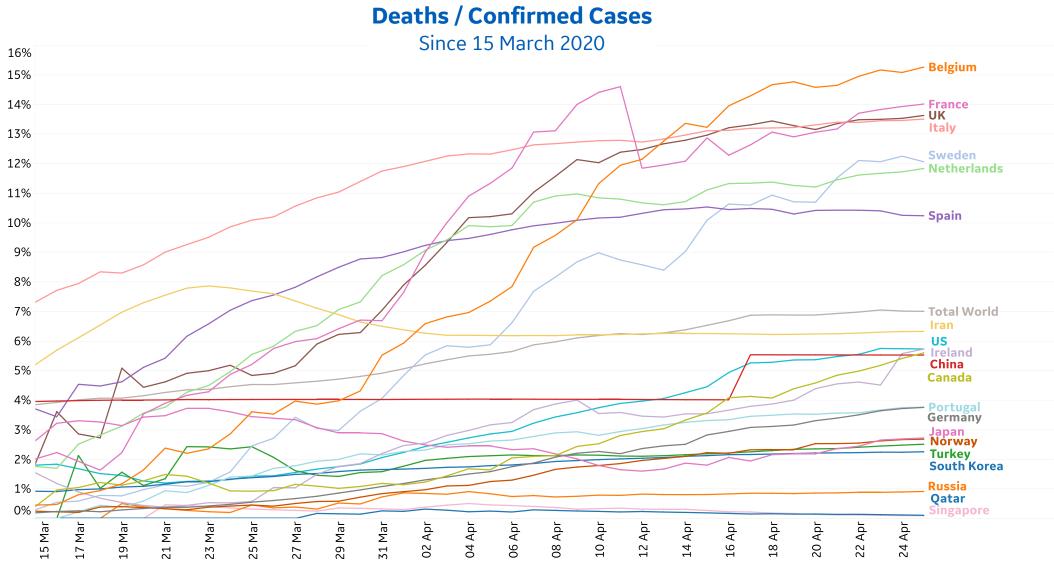






Fatality Rate over time by Country





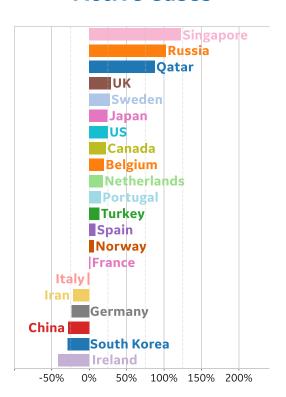


Percent Change in Case Volume by Country

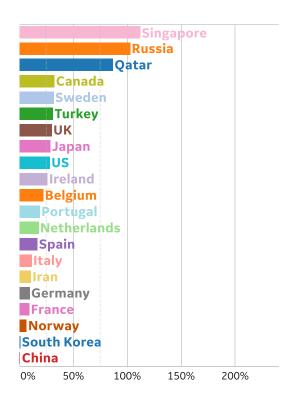


Over Previous 7 days

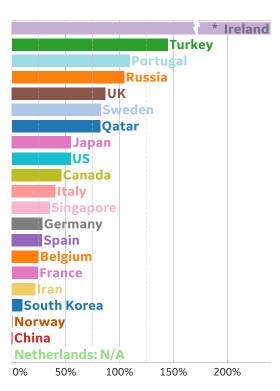
Active Cases



Confirmed Cases

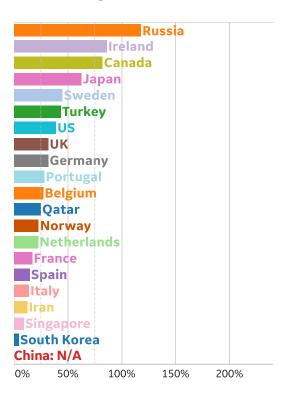


Reported Recoveries



^{*} Ireland shows a 11891% increase in recoveries due to batched reporting

Reported Deaths





Feature: Fatalities by Age in Select States



Select Case Fatality Rates

Early reported estimates of death rates among confirmed cases of coronavirus, by age. Table based on published data from Louisiana, Michigan, New Jersey, and Massachusetts

| Age (Yrs) | Case Fatality Rate (%) |
|-----------|------------------------|
| 70+ | 19.2% |
| 50-69 | 3.7% |
| 30-49 | 0.8% |
| 0-29 | 0.3% |

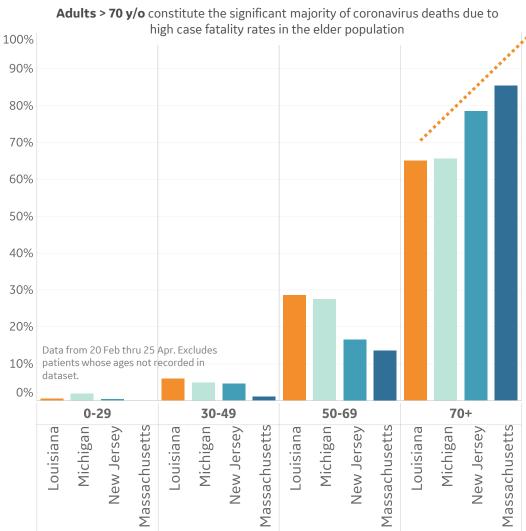
Pre-existing Conditions: LA

Percent of coronavirus deaths attributed to preexisting conditions in the state of Louisiana.

| Pre-existing conditions | Deaths (%) |
|--------------------------|------------|
| Hypertension | 56% |
| Diabetes | 35% |
| Kidney Disease | 20% |
| Obesity | 20% |
| Cardiac Disease | 19% |
| COPD | 12% |
| Congestive Heart Failure | 10% |
| Cancer | 8% |
| Neurological | 7% |
| Asthma | 4% |

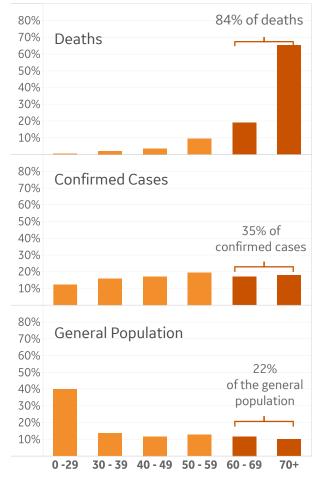
Note: Total percentage may be greater than 100% due to multiple conditions attributed to a single death.

Share of Fatalities in Select States



Case Study: New Orleans

The population > 70 y/o in Louisiana are disproportionately represented in both the number of confirmed cases and deaths.





Europe & Middle East

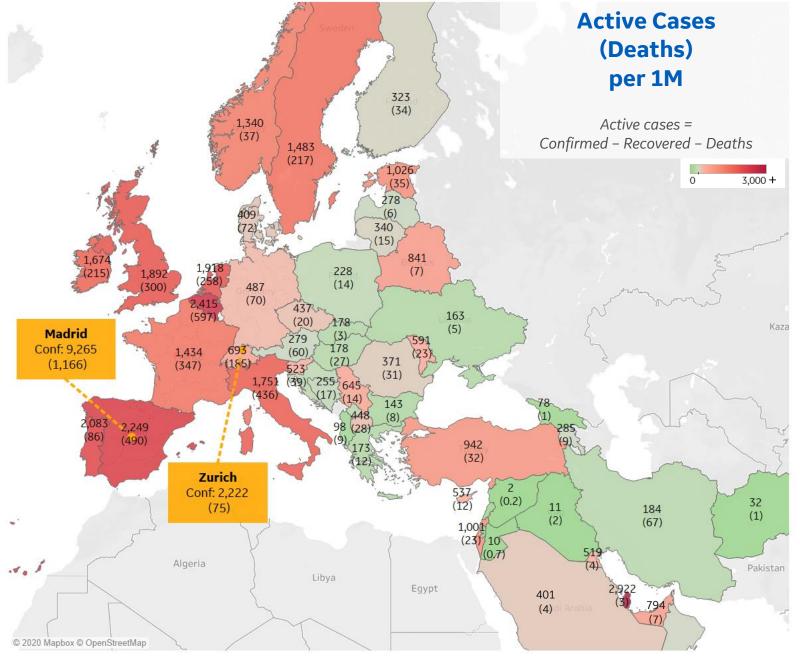
Per 1M in Region

| | Today | Change |
|--------------|--------|--------|
| Active Cases | 830 | +1% |
| Confirmed | 29 new | +2% |
| Deaths | 3 new | +2% |
| Recovered | 17 new | +3% |

| Qatar | 2,922 |
|-------------|-------|
| Belgium | 2,415 |
| Spain | 2,249 |
| Portugal | 2,083 |
| Netherlands | 1,918 |
| UK | 1,892 |
| Italy | 1,751 |
| Ireland | 1,674 |
| Sweden | 1,483 |
| France | 1,434 |

^{*} Excludes regions with population < 1M



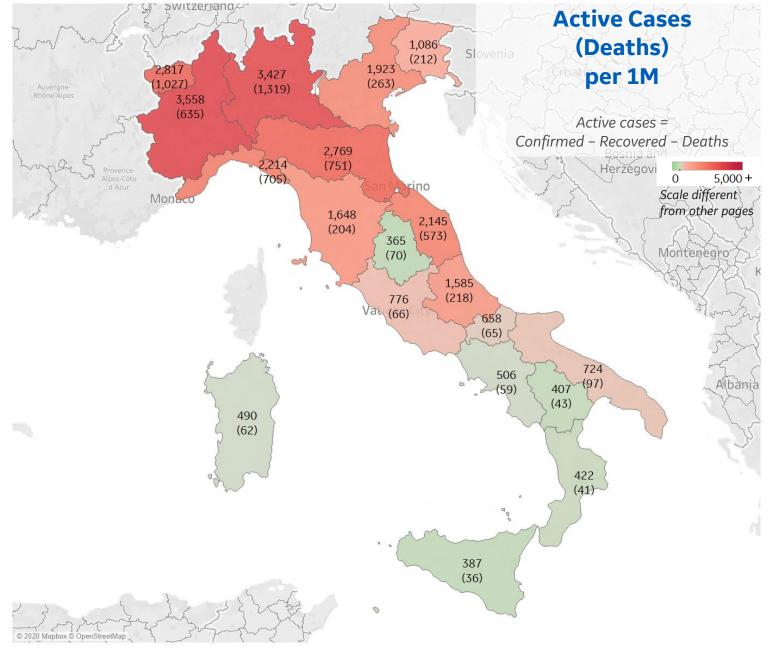


Italy

Per 1M in Region

| | Today | Change |
|--------------|--------|--------|
| Active Cases | 1,751 | -0.6% |
| Confirmed | 39 new | +3% |
| Deaths | 7 new | +3% |
| Recovered | 43 new | +4% |

| Piemonte | 3,558 |
|-------------------|-------|
| Lombardia | 3,427 |
| Valle d'Aosta | 2,817 |
| Emilia-Romagna | 2,769 |
| Liguria | 2,214 |
| Marche | 2,145 |
| Veneto | 1,923 |
| Trentino-Alto Adi | 1,704 |
| Toscana | 1,648 |
| Abruzzo | 1,585 |



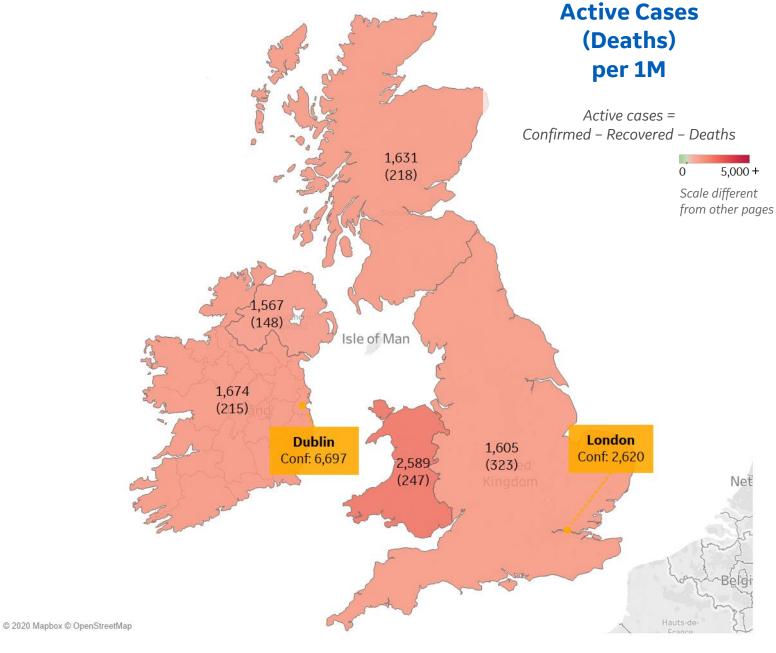


UK & Ireland

Per 1M in Region

| | Today | Change |
|--------------|---------|--------|
| Active Cases | 1,877 | +3% |
| Confirmed | 73 new | +3% |
| Deaths | 12 new | +4% |
| Recovered | 0.7 new | +0.5% |

| Wales | 2,589 |
|------------------|-------|
| Ireland | 1,674 |
| Scotland | 1,631 |
| England | 1,605 |
| Northern Ireland | 1,567 |



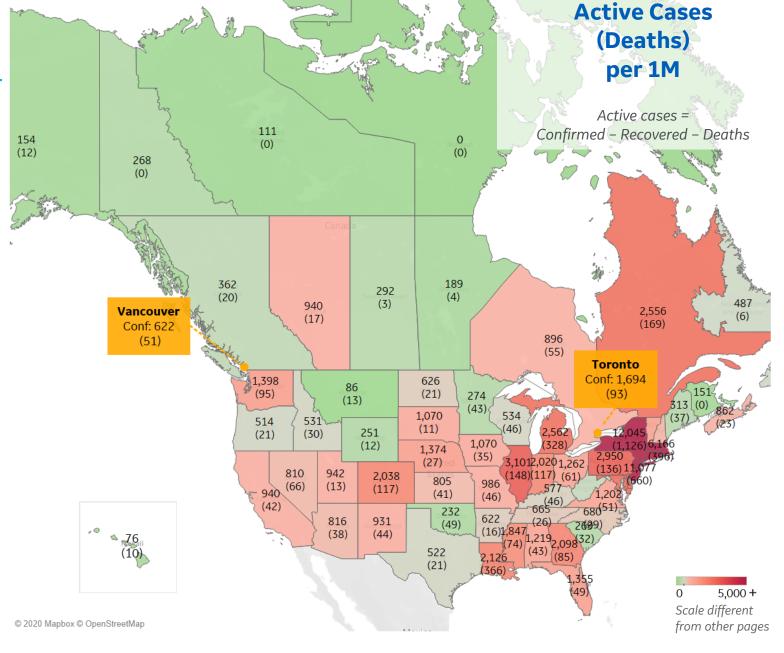


US & Canada

Per 1M in Region

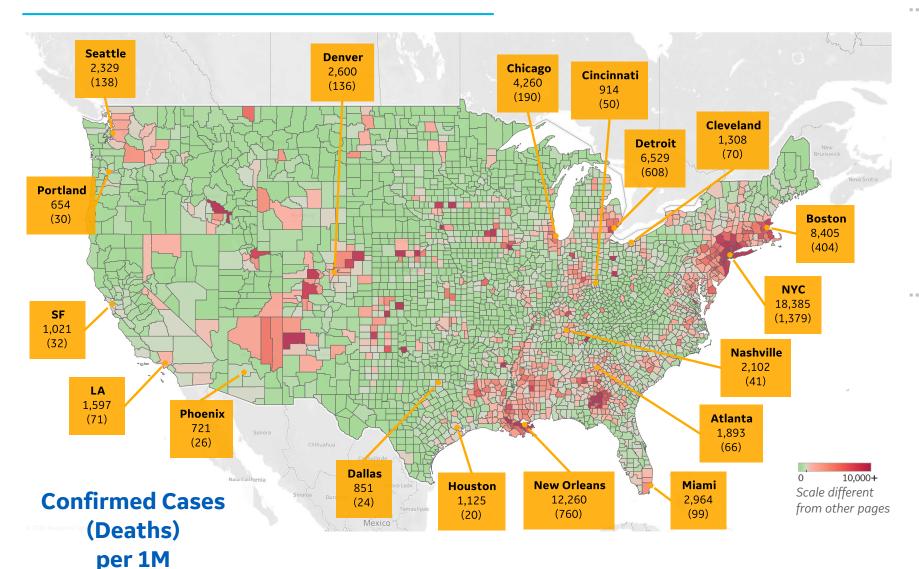
| | Today | Change |
|--------------|--------|--------|
| Active Cases | 2,199 | +4% |
| Confirmed | 93 new | +4% |
| Deaths | 5 new | +4% |
| Recovered | 6 new | +2% |

| New York | 12,045 |
|---------------|--------|
| New Jersey | 11,077 |
| Connecticut | 6,354 |
| Rhode Island | 6,204 |
| Massachusetts | 6,166 |
| DC | 4,084 |
| Illinois | 3,101 |
| Pennsylvania | 2,950 |
| Michigan | 2,562 |
| Louisiana | 2,126 |





US by County & Metro Area



Top 10 Northeast Counties

Confirmed Cases per 1M

| Rockland County, NY | 34,044 |
|------------------------|--------|
| Westchester County, NY | 28,146 |
| Nassau County, NY | 24,908 |
| Passaic County, NJ | 21,398 |
| Suffolk County, NY | 21,243 |
| Orange County, NY | 20,712 |
| Union County, NJ | 20,712 |
| Hudson County, NJ | 19,880 |
| New York City* | 18,606 |
| Bergen County, NJ | 15,810 |
| | |

Top 10 Other US Counties

Confirmed Cases per 1M

| Orleans Parish, LA | 16,140 |
|----------------------------|--------|
| Jefferson Parish, LA | 13,889 |
| Wayne County, MI | 8,807 |
| Macomb County, MI | 5,880 |
| Cook County, IL | 5,642 |
| Oakland County, MI | 5,472 |
| Prince George's County, MD | 5,273 |
| District of Columbia, DC | 5,241 |
| Marion County, IN | 4,901 |
| Weld County, CO | 4,407 |
| | |

Note: Includes counties ≥ 250K population



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

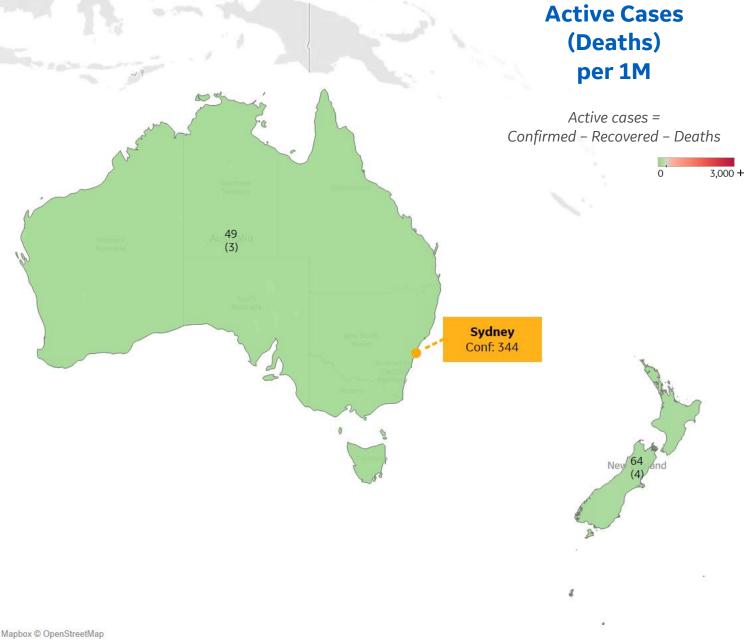
Oceania

Per 1M in Region

| | Today | Change |
|--------------|----------|--------|
| Active Cases | 50 | -13% |
| Confirmed | 0.8 new | +0.3% |
| Deaths | 0.03 new | +1% |
| Recovered | 8 new | +4% |

| New Zealand | 64 |
|-------------|----|
| Australia | 49 |

^{*} Excludes regions with population < 1M





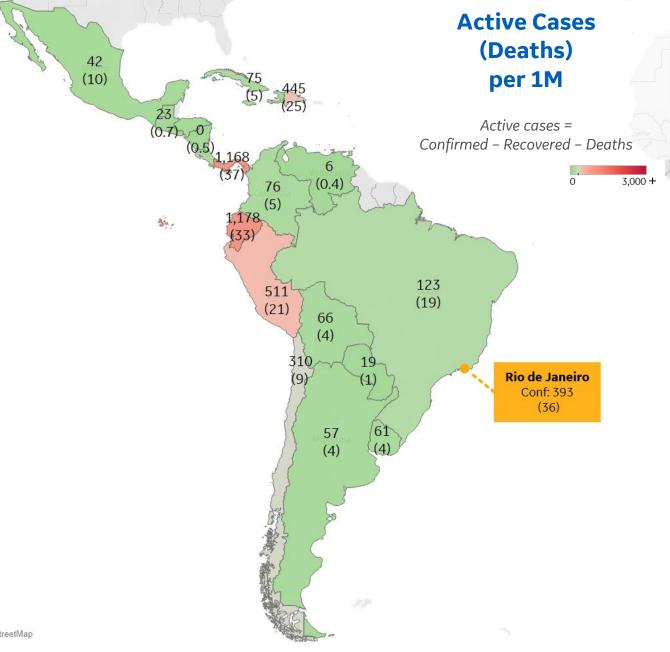
Latin & South America

Per 1M in Region

| | Today | Change |
|--------------|--------|--------|
| Active Cases | 147 | +6% |
| Confirmed | 20 new | +9% |
| Deaths | 1 new | +10% |
| Recovered | 11 new | +14% |

| Ecuador | 1,178 |
|-----------------|-------|
| Panama | 1,168 |
| Peru | 511 |
| Dominican Repub | 445 |
| Chile | 310 |
| Brazil | 123 |
| Jamaica | 91 |
| Costa Rica | 87 |
| Colombia | 76 |
| Cuba | 75 |

^{*} Excludes regions with population < 1M





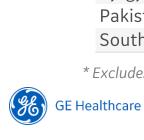
Asia

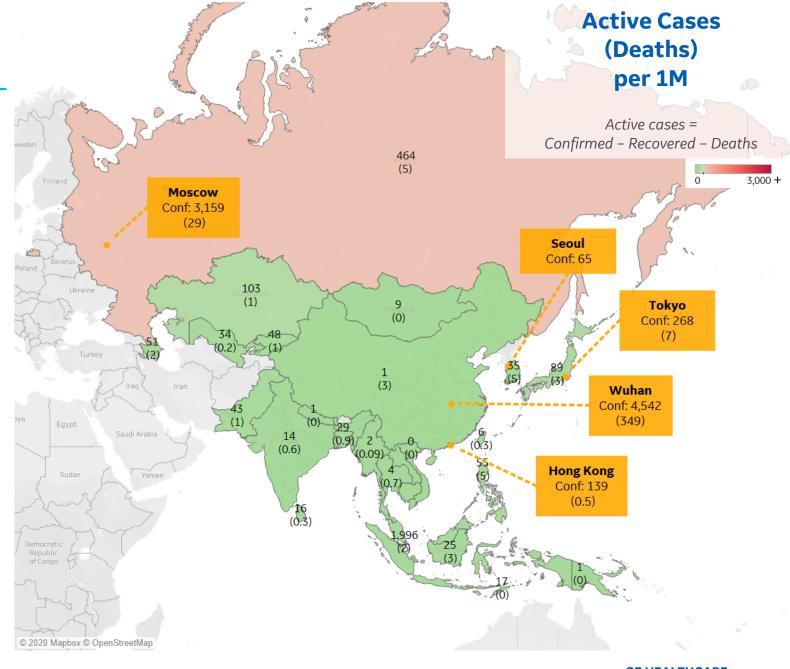
Per 1M in Region

| | Today | Change |
|--------------|----------|--------|
| Active Cases | 34 | +6% |
| Confirmed | 2 new | +4% |
| Deaths | 0.05 new | +2% |
| Recovered | 0.4 new | +2% |

| Singapore | 1,996 |
|-------------|-------|
| Russia | 464 |
| Kazakhstan | 103 |
| Japan | 89 |
| Malaysia | 58 |
| Philippines | 55 |
| Azerbaijan | 51 |
| Kyrgyzstan | 48 |
| Pakistan | 43 |
| South Korea | 35 |
| | |

^{*} Excludes regions with population < 1M





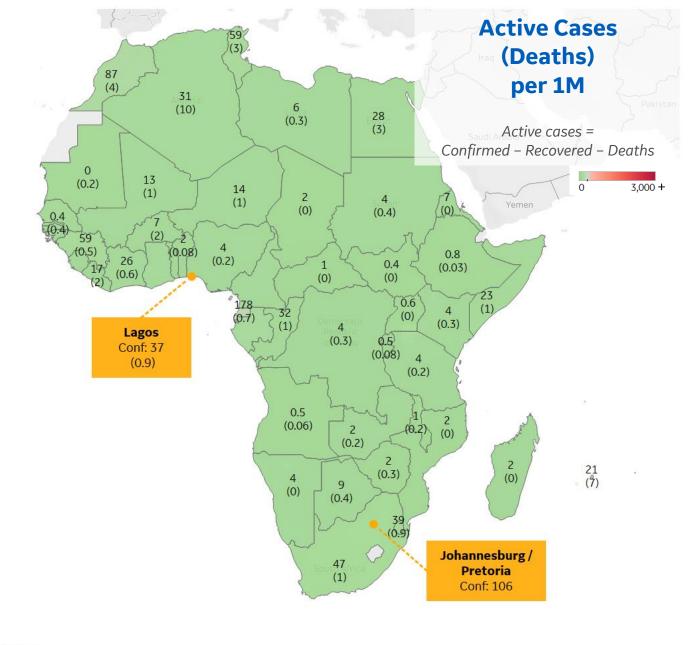
Africa

Per 1M in Region

| | Today | Change |
|--------------|----------|--------|
| Active Cases | 15 | +4% |
| Confirmed | 0.9 new | +4% |
| Deaths | 0.04 new | +4% |
| Recovered | 0.3 new | +5% |

| Equatorial Guinea | 178 |
|--------------------------|-----|
| Morocco | 87 |
| Gabon | 64 |
| Guinea | 59 |
| Tunisia | 59 |
| South Africa | 47 |
| Eswatini | 39 |
| Ghana | 37 |
| Congo (Brazzavil | 32 |
| Algeria | 31 |

^{*} Excludes regions with population < 1M







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