COVID-19 Questions

1. What is the difference between probable and confirmed cases?

Probable Case: A person is counted as a probable case in four ways:

1. if they have a positive antigen test AND have symptoms OR were exposed to someone with COVID;
2. if they have a positive antibody test AND have symptoms OR were exposed to someone with COVID;
3. if they have COVID symptoms AND were exposed to someone with COVID;
4. if they died and their death certificate lists COVID as a cause of death.
5. Is there any way to reevaluate probable cases and determine if they should actually be considered cases? Is this being done?
6. Why are probable cases being counted as actual cases, when there are thousands of probable cases that individual states are not including in their case counts (MA, MI, TX and to a lesser extent PA and VA (which do include the probable cases in their official counts))?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| State | Count | Confirmed | Probable | Hopkins | Delta | %Delta |
| MA | 114398 | 114398 | 9195? | 123593 | 9195 | 8.04% |
| MI | 92720 | 92729 | 9539 | 102259 | 9539 | 10.29% |
| PA | 124844 | 121354 | 3474 | 129070 | 4610 | 3.7% |
| TX | 535042 | 525042 | N/A | 555394 | 20352 | 3.8% |
| VA | 106687 | 102298 | 4388 | 106687 | 0 | 0 |

1. Why don’t the Hopkins, CDC and WHO tallies of cases ever agree?
2. Does the death tally represent those who have died from CoVID-19 or everyone with CoVID who has died?
3. What about probable CoVID deaths? Is there a way to reevaluate these and determine if they actually died from CoVID?

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| State | Deaths | Confirmed | Probable | Hopkins | Delta | %Delta |
| CO | 1896 | 1768 | 128? | 1896 | 128 | 6.75% |
| MD | 3502 | 3502 | 137 | 3639 | 137 | 3.91% |
| MA | 8607 | 8607 | 231 | 8838 | 231 | 2.68% |
| MI | 6324 | 6324 | 268 | 6592 | 268 | 4.24% |
| PA | 7468 | 7468 | N/A | 7453 | -13 | .17% |
| TX | 9983 | 9983 | N/A | 10396 | 413 | 4.14% |

1. How long after testing positive can a person be considered recovered? Is this interval different for asymptomatic, mild and moderate cases? A median recovery time of two weeks from illness onset for mild cases and three–six weeks for patients with severe or critical disease was reported by WHO.
2. How many states are underreporting the number of recoveries? MD is I strongly suspect CO, CT, KS, NV, NJ, NY and VA are as well as CA, FL, GA, MS, PR, WA, which aren’t reporting any recoveries at all.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| State | Cases 7/5 | Cases 8/16 | Deaths 8/16 | Recovered | Presumed Recovered | %Stated | %Presumed |
| AL | 43953 | 108433 | 1898 | 41593 | 42055 | 38.36% | 38.78% |
| AK | 1134 | 4259 | 28 | 1418 | 1418 | 33.29% | 33.29% |
| AZ | 98103 | 193537 | 4506 | 27582 | 90995 | 14.25% | 47.02% |
| Ark | 23814 | 52665 | 599 | 45572 | 45572 | 86.53% | 86.53% |
| CA | 264681 | 623873 | 11243 | 0 | 247106 | 0.00% | 39.61% |
| CO | 34048 | 53157 | 1896 | 5660 | 25417 | 10.65% | 47.81% |
| CT | 46717 | 50897 | 4453 | 8809 | 42222 | 17.31% | 82.96% |
| DE | 12128 | 16451 | 593 | 8671 | 11506 | 52.71% | 69.94% |
| Diam | 49 | 49 | 0 | 49 | 49 | 100.00% | 100.00% |
| DC | 10482 | 13220 | 597 | 10493 | 10493 | 79.37% | 79.37% |
| FL | 200111 | 573416 | 9542 | 0 | 156641 | 0.00% | 27.32% |
| GA | 95516 | 237030 | 4702 | 0 | 88211 | 0.00% | 37.22% |
| Grand | 103 | 103 | 3 | 100 | 100 | 97.09% | 97.09% |
| Guam | 280 | 502 | 5 | 345 | 345 | 68.73% | 68.73% |
| HI | 1023 | 5042 | 40 | 1808 | 1808 | 35.86% | 35.86% |
| ID | 7713 | 27656 | 269 | 10616 | 10616 | 38.39% | 38.39% |
| IL | 147251 | 207412 | 7955 | 0 | 137752 | 0.00% | 66.41% |
| IN | 48021 | 80415 | 3133 | 59801 | 59801 | 74.37% | 74.37% |
| IA | 31517 | 52447 | 975 | 40425 | 40425 | 77.08% | 77.08% |
| KS | 16081 | 33835 | 406 | 1399 | 13641 | 4.13% | 40.32% |
| KY | 16376 | 38930 | 810 | 9091 | 14867 | 2.34% | 38.19% |
| LA | 65226 | 137918 | 4507 | 103512 | 103512 | 75.05% | 75.05% |
| ME | 3415 | 4168 | 127 | 3624 | 3624 | 86.95% | 86.95% |
| MD | 69636 | 100212 | 3639 | 6004 | 65562 | 5.99% | 65.42% |
| MA | 109974 | 123593 | 8838 | 100486 | 100764 | 81.30% | 81.53% |
| MI | 72941 | 102259 | 6592 | 67778 | 67778 | 66.28% | 66.28% |
| MN | 38136 | 65152 | 1752 | 58196 | 58196 | 89.32% | 89.32% |
| Miss | 30900 | 72136 | 2084 | 49836 | 49836 | 69.09% | 69.09% |
| MS | 23816 | 68196 | 1383 | 0 | 21580 | 0.00% | 31.64% |
| MT | 1212 | 5750 | 82 | 4145 | 4145 | 72.09% | 72.09% |
| NE | 19929 | 30372 | 361 | 22251 | 22251 | 73.26% | 73.26% |
| NV | 22418 | 61375 | 1072 | 1423 | 20477 | 2.32% | 33.36% |
| NH | 5897 | 6988 | 423 | 6287 | 6287 | 89.97% | 89.97% |
| NJ | 173402 | 187455 | 15912 | 33320 | 157018 | 17.77% | 83.76% |
| NM | 13256 | 23408 | 714 | 10391 | 12417 | 44.39% | 53.05% |
| NY | 397131 | 425508 | 32840 | 74154 | 363757 | 17.43% | 85.49% |
| NC | 72992 | 144952 | 2347 | 116969 | 116969 | 80.69% | 80.69% |
| ND | 3816 | 8587 | 125 | 7249 | 7249 | 84.42% | 84.42% |
| Marin | 31 | 50 | 2 | 29 | 29 | 58.00% | 58.00% |
| OH | 57150 | 108287 | 3826 | 86926 | 86926 | 80.27% | 80.27% |
| OK | 15951 | 48342 | 661 | 40224 | 40224 | 83.21% | 83.21% |
| OR | 10230 | 23262 | 388 | 4355 | 9694 | 18.72% | 41.67% |
| PA | 94403 | 129070 | 7453 | 98323 | 98323 | 76.18% | 76.18% |
| PR | 7916 | 26006 | 335 | 0 | 7523 | 0.00% | 28.93% |
| RI | 16991 | 20335 | 1031 | 1953 | 15890 | 9.60% | 78.14% |
| SC | 44847 | 106497 | 2269 | 42730 | 42730 | 40.12% | 40.12% |
| SD | 7063 | 10274 | 153 | 8939 | 8939 | 87.01% | 87.01% |
| TN | 51316 | 133708 | 1366 | 92655 | 92655 | 69.30% | 69.30% |
| TX | 194932 | 555396 | 10396 | 399572 | 399572 | 71.94% | 71.94% |
| UT | 24952 | 46652 | 363 | 37701 | 37701 | 80.81% | 80.81% |
| VT | 1249 | 1515 | 38 | 1337 | 1337 | 88.25% | 88.25% |
| VI | 111 | 741 | 9 | 523 | 523 | 70.58% | 70.58% |
| VA | 65748 | 106687 | 2381 | 13783 | 62194 | 12.92% | 58.30% |
| WA | 35898 | 67461 | 1781 | 0 | 27862 | 0.00% | 41.30% |
| WV | 3262 | 8567 | 160 | 6429 | 6429 | 75.04% | 75.04% |
| WI | 31577 | 65741 | 1039 | 55982 | 55982 | 85.16% | 85.16% |
| WY | 1634 | 3286 | 30 | 588 | 1413 | 17.89% | 43.00% |
| Total | 2888459 | 5403235 | 170132 | 1831106 | 3218408 | 31.83% | 55.94% |

1. Why is no one interested in obtaining an accurate count of recoveries or talking about how many people have recovered?
2. If we don’t really have a clue of how many people are actually/currently affected by CoVID, how can we make good policy?
3. Why is no one talking about the localized nature of hot spots (Houston, Dallas, Fort Worth, Miami, LA vs whole states)?
4. Why does the hospitalization data count everyone who has ever been hospitalized with CoVID instead of those who are actually in the hospital (MA, NY, NC, PA, TX vs OH, VA)?