

COVID-19 Viral (RT-PCR) Laboratory 14-Day Test Positivity Rates, by US County

Test Positivity Classification:

Counties with test percent positivity <5.0% or with <20 tests in past 14 days: Green; test percent positivity ≥5.0% to ≤10.0% or with <500 tests and <2000 tests/100k and >10% positivity over 14 days: Yellow; >10.0% and not meeting the criteria for “Green” or “Yellow”: Red. Gray represents no data reported. Test positivity is rounded to the nearest tenth of a percent before classifying.

Percent Positive and Tests in prior 14 days:

Data from April 28-May 11

Data Sources:

Testing data: HHS Unified Testing Dataset; Population data: 2019 Census

Documentation:

The data presented represent viral COVID-19 laboratory diagnostic and screening test (reverse transcription polymerase chain reaction, RT-PCR) results and exclude antibody and antigen tests. COVID-19 Electronic Lab Reporting (CELR) state health department-reported data are used to describe county-level viral COVID-19 laboratory test (RT-PCR) result totals when information is available on patients’ county of residence or healthcare providers’ practice location. HHS Protect laboratory data (provided directly to Federal Government from public health labs, hospital labs, and commercial labs) are used otherwise. Some states did not report on certain days, which may affect the total number of tests resulted and positivity rate values. Total viral (RT-PCR) laboratory tests are the number of tests performed, not the number of individuals tested. Viral (RT-PCR) laboratory test positivity rate is the number of positive tests divided by the total number of tests performed and resulted. Resulted tests are assigned to a timeframe based on this hierarchy of test-related dates: 1. test date; 2. result date; 3. specimen received date; 4. specimen collection date. Resulted tests are assigned to a county based on a hierarchy of test-related locations: 1. patient residency; 2. provider facility location; 3. ordering facility location; 4. performing organization location.

Note:

During the week of Sept 14, 2020, the following updates were made to the county percent test positivity characterization methodology. In order to use a greater amount of data to calculate percent test positivity and improve the stability of values, the indicator was expanded to include 14 days of data instead of 7 days. Further, because there are instances where counties with high test positivity rates may reflect low testing levels rather than high levels of viral transmission, additional criteria were added to re-assign counties with low testing volume to lower nursing home staff testing tiers (i.e., communities with low levels of testing and high test positivity (>10%) are reassigned to either yellow or green testing tiers). Nursing homes may set their testing frequency based on the color-coded reassigned positivity classification. Counties that are classified as gray have not submitted testing data for this time period. Please refer to the state COVID-19 website for data on gray counties.

| County | FIPS | State | FEMA Region | Population | NCHS Urban Rural Classification | Tests in prior 14 days | 14-day test rate | Percent Positivity in prior 14 days | Test Positivity Classification - 14 days |
|----------------------|-------|-------|-------------|------------|---------------------------------|------------------------|------------------|-------------------------------------|--|
| Adams County, OH | 39001 | OH | 5 | 27,698 | Non-core | 1,131 | 4,083 | 4.7% | Green |
| Allen County, OH | 39003 | OH | 5 | 102,351 | Small metro | 3,151 | 3,079 | 5.9% | Yellow |
| Ashland County, OH | 39005 | OH | 5 | 53,484 | Micropolitan | 1,799 | 3,364 | 1.9% | Green |
| Ashtabula County, OH | 39007 | OH | 5 | 97,241 | Micropolitan | 2,968 | 3,052 | 5.0% | Yellow |
| Athens County, OH | 39009 | OH | 5 | 65,327 | Micropolitan | 3,260 | 4,990 | 1.6% | Green |
| Auglaize County, OH | 39011 | OH | 5 | 45,656 | Micropolitan | 1,206 | 2,641 | 7.0% | Yellow |
| Belmont County, OH | 39013 | OH | 5 | 67,006 | Small metro | 1,834 | 2,737 | 6.3% | Yellow |
| Brown County, OH | 39015 | OH | 5 | 43,432 | Large fringe metro | 1,205 | 2,774 | 3.7% | Green |
| Butler County, OH | 39017 | OH | 5 | 383,134 | Large fringe metro | 9,641 | 2,516 | 3.1% | Green |
| Carroll County, OH | 39019 | OH | 5 | 26,914 | Medium metro | 458 | 1,702 | 1.7% | Green |
| Champaign County, OH | 39021 | OH | 5 | 38,885 | Micropolitan | 1,274 | 3,276 | 4.6% | Green |

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|-----------------------|----------|---|-----------|---------------------|--------|-------|-------|--------|
| Clark County, OH | 39023 OH | 5 | 134,083 | Small metro | 4,212 | 3,141 | 3.7% | Green |
| Clermont County, OH | 39025 OH | 5 | 206,428 | Large fringe metro | 6,397 | 3,099 | 2.8% | Green |
| Clinton County, OH | 39027 OH | 5 | 41,968 | Micropolitan | 797 | 1,899 | 3.0% | Green |
| Columbiana County, OH | 39029 OH | 5 | 101,883 | Micropolitan | 3,550 | 3,484 | 4.2% | Green |
| Coshocton County, OH | 39031 OH | 5 | 36,600 | Micropolitan | 810 | 2,213 | 2.5% | Green |
| Crawford County, OH | 39033 OH | 5 | 41,494 | Micropolitan | 1,362 | 3,282 | 3.8% | Green |
| Cuyahoga County, OH | 39035 OH | 5 | 1,235,072 | Large central metro | 62,883 | 5,091 | 3.9% | Green |
| Darke County, OH | 39037 OH | 5 | 51,113 | Micropolitan | 1,267 | 2,479 | 4.9% | Green |
| Defiance County, OH | 39039 OH | 5 | 38,087 | Micropolitan | 1,452 | 3,812 | 6.3% | Yellow |
| Delaware County, OH | 39041 OH | 5 | 209,177 | Large fringe metro | 5,481 | 2,620 | 2.4% | Green |
| Erie County, OH | 39043 OH | 5 | 74,266 | Micropolitan | 2,610 | 3,514 | 4.4% | Green |
| Fairfield County, OH | 39045 OH | 5 | 157,574 | Large fringe metro | 4,551 | 2,888 | 3.8% | Green |
| Fayette County, OH | 39047 OH | 5 | 28,525 | Micropolitan | 837 | 2,934 | 3.1% | Green |
| Franklin County, OH | 39049 OH | 5 | 1,316,756 | Large central metro | 52,151 | 3,961 | 2.9% | Green |
| Fulton County, OH | 39051 OH | 5 | 42,126 | Medium metro | 1,341 | 3,183 | 5.6% | Yellow |
| Gallia County, OH | 39053 OH | 5 | 29,898 | Micropolitan | 988 | 3,305 | 2.1% | Green |
| Geauga County, OH | 39055 OH | 5 | 93,649 | Large fringe metro | 2,983 | 3,185 | 2.2% | Green |
| Greene County, OH | 39057 OH | 5 | 168,937 | Medium metro | 3,686 | 2,182 | 4.6% | Green |
| Guernsey County, OH | 39059 OH | 5 | 38,875 | Micropolitan | 1,546 | 3,977 | 2.1% | Green |
| Hamilton County, OH | 39061 OH | 5 | 817,473 | Large central metro | 27,683 | 3,386 | 3.7% | Green |
| Hancock County, OH | 39063 OH | 5 | 75,783 | Micropolitan | 1,929 | 2,545 | 3.4% | Green |
| Hardin County, OH | 39065 OH | 5 | 31,365 | Non-core | 1,282 | 4,087 | 1.8% | Green |
| Harrison County, OH | 39067 OH | 5 | 15,040 | Non-core | 356 | 2,367 | 6.5% | Yellow |
| Henry County, OH | 39069 OH | 5 | 27,006 | Non-core | 604 | 2,237 | 4.0% | Green |
| Highland County, OH | 39071 OH | 5 | 43,161 | Non-core | 840 | 1,946 | 5.6% | Yellow |
| Hocking County, OH | 39073 OH | 5 | 28,264 | Large fringe metro | 702 | 2,484 | 1.4% | Green |
| Holmes County, OH | 39075 OH | 5 | 43,960 | Non-core | 686 | 1,561 | 4.8% | Green |
| Huron County, OH | 39077 OH | 5 | 58,266 | Micropolitan | 1,570 | 2,695 | 3.3% | Green |
| Jackson County, OH | 39079 OH | 5 | 32,413 | Micropolitan | 1,526 | 4,708 | 1.8% | Green |
| Jefferson County, OH | 39081 OH | 5 | 65,325 | Small metro | 2,254 | 3,450 | 5.8% | Yellow |
| Knox County, OH | 39083 OH | 5 | 62,322 | Micropolitan | 2,490 | 3,995 | 1.6% | Green |
| Lake County, OH | 39085 OH | 5 | 230,149 | Large fringe metro | 7,934 | 3,447 | 3.9% | Green |
| Lawrence County, OH | 39087 OH | 5 | 59,463 | Medium metro | 495 | 832 | 10.9% | Yellow |
| Licking County, OH | 39089 OH | 5 | 176,862 | Large fringe metro | 4,214 | 2,383 | 2.1% | Green |
| Logan County, OH | 39091 OH | 5 | 45,672 | Micropolitan | 1,163 | 2,546 | 2.6% | Green |
| Lorain County, OH | 39093 OH | 5 | 309,833 | Large fringe metro | 13,072 | 4,219 | 2.9% | Green |
| Lucas County, OH | 39095 OH | 5 | 428,348 | Medium metro | 15,029 | 3,509 | 6.5% | Yellow |
| Madison County, OH | 39097 OH | 5 | 44,731 | Large fringe metro | 1,846 | 4,127 | 3.8% | Green |
| Mahoning County, OH | 39099 OH | 5 | 228,683 | Medium metro | 10,287 | 4,498 | 3.7% | Green |
| Marion County, OH | 39101 OH | 5 | 65,093 | Micropolitan | 3,197 | 4,911 | 3.0% | Green |
| Medina County, OH | 39103 OH | 5 | 179,746 | Large fringe metro | 5,289 | 2,942 | 3.1% | Green |
| Meigs County, OH | 39105 OH | 5 | 22,907 | Non-core | 474 | 2,069 | 5.1% | Yellow |

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|------------------------------|----------|---|----------------------------|--------|-------|------|--------|
| Mercer County, OH | 39107 OH | 5 | 41,172 Micropolitan | 784 | 1,904 | 4.7% | Green |
| Miami County, OH | 39109 OH | 5 | 106,987 Medium metro | 2,045 | 1,911 | 3.4% | Green |
| Monroe County, OH | 39111 OH | 5 | 13,654 Non-core | 487 | 3,567 | 3.1% | Green |
| Montgomery County, OH | 39113 OH | 5 | 531,687 Medium metro | 17,082 | 3,213 | 5.0% | Yellow |
| Morgan County, OH | 39115 OH | 5 | 14,508 Non-core | 193 | 1,330 | 1.0% | Green |
| Morrow County, OH | 39117 OH | 5 | 35,328 Large fringe metro | 819 | 2,318 | 6.2% | Yellow |
| Muskingum County, OH | 39119 OH | 5 | 86,215 Micropolitan | 2,420 | 2,807 | 2.3% | Green |
| Noble County, OH | 39121 OH | 5 | 14,424 Non-core | 467 | 3,238 | 0.4% | Green |
| Ottawa County, OH | 39123 OH | 5 | 40,525 Micropolitan | 1,018 | 2,512 | 3.5% | Green |
| Paulding County, OH | 39125 OH | 5 | 18,672 Non-core | 525 | 2,812 | 6.1% | Yellow |
| Perry County, OH | 39127 OH | 5 | 36,134 Large fringe metro | 956 | 2,646 | 1.4% | Green |
| Pickaway County, OH | 39129 OH | 5 | 58,457 Large fringe metro | 3,936 | 6,733 | 1.9% | Green |
| Pike County, OH | 39131 OH | 5 | 27,772 Non-core | 912 | 3,284 | 1.5% | Green |
| Portage County, OH | 39133 OH | 5 | 162,466 Medium metro | 4,812 | 2,962 | 4.2% | Green |
| Preble County, OH | 39135 OH | 5 | 40,882 Non-core | 1,198 | 2,930 | 3.3% | Green |
| Putnam County, OH | 39137 OH | 5 | 33,861 Non-core | 625 | 1,846 | 5.0% | Yellow |
| Richland County, OH | 39139 OH | 5 | 121,154 Small metro | 4,431 | 3,657 | 3.4% | Green |
| Ross County, OH | 39141 OH | 5 | 76,666 Micropolitan | 3,842 | 5,011 | 2.1% | Green |
| Sandusky County, OH | 39143 OH | 5 | 58,518 Micropolitan | 1,844 | 3,151 | 3.3% | Green |
| Scioto County, OH | 39145 OH | 5 | 75,314 Micropolitan | 1,896 | 2,517 | 3.3% | Green |
| Seneca County, OH | 39147 OH | 5 | 55,178 Micropolitan | 2,351 | 4,261 | 2.5% | Green |
| Shelby County, OH | 39149 OH | 5 | 48,590 Micropolitan | 1,240 | 2,552 | 1.9% | Green |
| Stark County, OH | 39151 OH | 5 | 370,606 Medium metro | 13,518 | 3,648 | 3.5% | Green |
| Summit County, OH | 39153 OH | 5 | 541,013 Medium metro | 17,438 | 3,223 | 5.0% | Yellow |
| Trumbull County, OH | 39155 OH | 5 | 197,974 Medium metro | 6,619 | 3,343 | 3.2% | Green |
| Tuscarawas County, OH | 39157 OH | 5 | 91,987 Micropolitan | 2,737 | 2,975 | 2.6% | Green |
| Union County, OH | 39159 OH | 5 | 58,988 Large fringe metro | 2,168 | 3,675 | 1.8% | Green |
| Van Wert County, OH | 39161 OH | 5 | 28,275 Micropolitan | 681 | 2,408 | 4.6% | Green |
| Vinton County, OH | 39163 OH | 5 | 13,085 Non-core | 369 | 2,820 | 4.1% | Green |
| Warren County, OH | 39165 OH | 5 | 234,602 Large fringe metro | 6,006 | 2,560 | 3.5% | Green |
| Washington County, OH | 39167 OH | 5 | 59,911 Micropolitan | 1,465 | 2,445 | 2.7% | Green |
| Wayne County, OH | 39169 OH | 5 | 115,710 Micropolitan | 4,206 | 3,635 | 2.9% | Green |
| Williams County, OH | 39171 OH | 5 | 36,692 Non-core | 1,410 | 3,843 | 3.5% | Green |
| Wood County, OH | 39173 OH | 5 | 130,817 Medium metro | 3,461 | 2,646 | 5.3% | Yellow |
| Wyandot County, OH | 39175 OH | 5 | 21,772 Non-core | 625 | 2,871 | 2.1% | Green |