

COVID-19 Viral (NAAT) 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 $\geq 5.0\%$ to $\leq 10.0\%$ 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 October 6-October 19

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 (nucleic acid amplification test, NAAT) 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 (NAAT) 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 (NAAT) laboratory tests are the number of tests performed, not the number of individuals tested. Viral (NAAT) 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. Counties in WA have also be classified as gray due to incomplete reporting such that percent positivity cannot be calculated. 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	1,530	5,524	11.9%	Red
Allen County, OH	39003	OH	5	102,351	Small metro	3,071	3,000	20.5%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	1,952	3,650	11.2%	Red
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	3,189	3,279	16.3%	Red
Athens County, OH	39009	OH	5	65,327	Micropolitan	5,123	7,842	4.6%	Green
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	1,165	2,552	21.0%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	1,825	2,724	17.2%	Red
Brown County, OH	39015	OH	5	43,432	Large fringe metro	1,232	2,837	14.9%	Red
Butler County, OH	39017	OH	5	383,134	Large fringe metro	11,514	3,005	12.1%	Red
Carroll County, OH	39019	OH	5	26,914	Medium metro	507	1,884	22.5%	Red
Champaign County, OH	39021	OH	5	38,885	Micropolitan	1,545	3,973	14.2%	Red
Clark County, OH	39023	OH	5	134,083	Small metro	6,600	4,922	10.2%	Red
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	8,248	3,996	10.3%	Red
Clinton County, OH	39027	OH	5	41,968	Micropolitan	1,026	2,445	7.1%	Yellow
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	5,157	5,062	14.7%	Red
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	1,449	3,959	23.0%	Red
Crawford County, OH	39033	OH	5	41,494	Micropolitan	1,739	4,191	13.5%	Red
Cuyahoga County, OH	39035	OH	5	1,235,072	Large central metro	55,971	4,532	9.0%	Yellow
Darke County, OH	39037	OH	5	51,113	Micropolitan	1,455	2,847	11.3%	Red
Defiance County, OH	39039	OH	5	38,087	Micropolitan	1,339	3,516	17.5%	Red
Delaware County, OH	39041	OH	5	209,177	Large fringe metro	6,638	3,173	6.0%	Yellow
Erie County, OH	39043	OH	5	74,266	Micropolitan	1,945	2,619	14.0%	Red
Fairfield County, OH	39045	OH	5	157,574	Large fringe metro	4,925	3,126	9.0%	Yellow
Fayette County, OH	39047	OH	5	28,525	Micropolitan	1,121	3,930	16.7%	Red
Franklin County, OH	39049	OH	5	1,316,756	Large central metro	58,679	4,456	6.0%	Yellow
Fulton County, OH	39051	OH	5	42,126	Medium metro	1,226	2,910	12.5%	Red
Gallia County, OH	39053	OH	5	29,898	Micropolitan	1,486	4,970	12.4%	Red
Geauga County, OH	39055	OH	5	93,649	Large fringe metro	2,848	3,041	10.5%	Red
Greene County, OH	39057	OH	5	168,937	Medium metro	6,074	3,595	12.3%	Red
Guernsey County, OH	39059	OH	5	38,875	Micropolitan	2,458	6,323	13.3%	Red
Hamilton County, OH	39061	OH	5	817,473	Large central metro	34,299	4,196	8.1%	Yellow

Hancock County, OH	39063 OH	5	75,783 Micropolitan	2,555	3,371	10.1%	Red
Hardin County, OH	39065 OH	5	31,365 Non-core	1,034	3,297	16.0%	Red
Harrison County, OH	39067 OH	5	15,040 Non-core	424	2,819	14.4%	Red
Henry County, OH	39069 OH	5	27,006 Non-core	625	2,314	15.2%	Red
Highland County, OH	39071 OH	5	43,161 Non-core	1,114	2,581	12.6%	Red
Hocking County, OH	39073 OH	5	28,264 Large fringe metro	814	2,880	12.3%	Red
Holmes County, OH	39075 OH	5	43,960 Non-core	833	1,895	14.3%	Red
Huron County, OH	39077 OH	5	58,266 Micropolitan	1,984	3,405	16.6%	Red
Jackson County, OH	39079 OH	5	32,413 Micropolitan	2,045	6,309	16.8%	Red
Jefferson County, OH	39081 OH	5	65,325 Small metro	2,704	4,139	12.2%	Red
Knox County, OH	39083 OH	5	62,322 Micropolitan	2,503	4,016	13.3%	Red
Lake County, OH	39085 OH	5	230,149 Large fringe metro	9,137	3,970	11.3%	Red
Lawrence County, OH	39087 OH	5	59,463 Medium metro	1,396	2,348	19.4%	Red
Licking County, OH	39089 OH	5	176,862 Large fringe metro	4,326	2,446	12.6%	Red
Logan County, OH	39091 OH	5	45,672 Micropolitan	1,766	3,867	11.2%	Red
Lorain County, OH	39093 OH	5	309,833 Large fringe metro	11,953	3,858	9.8%	Yellow
Lucas County, OH	39095 OH	5	428,348 Medium metro	13,012	3,038	13.7%	Red
Madison County, OH	39097 OH	5	44,731 Large fringe metro	1,472	3,291	10.4%	Red
Mahoning County, OH	39099 OH	5	228,683 Medium metro	11,064	4,838	11.9%	Red
Marion County, OH	39101 OH	5	65,093 Micropolitan	2,640	4,056	14.2%	Red
Medina County, OH	39103 OH	5	179,746 Large fringe metro	6,652	3,701	9.0%	Yellow
Meigs County, OH	39105 OH	5	22,907 Non-core	963	4,204	20.6%	Red
Mercer County, OH	39107 OH	5	41,172 Micropolitan	928	2,254	20.4%	Red
Miami County, OH	39109 OH	5	106,987 Medium metro	4,602	4,301	14.0%	Red
Monroe County, OH	39111 OH	5	13,654 Non-core	420	3,076	9.0%	Yellow
Montgomery County, OH	39113 OH	5	531,687 Medium metro	25,837	4,859	10.9%	Red
Morgan County, OH	39115 OH	5	14,508 Non-core	509	3,508	20.0%	Red
Morrow County, OH	39117 OH	5	35,328 Large fringe metro	710	2,010	19.3%	Red
Muskingum County, OH	39119 OH	5	86,215 Micropolitan	4,150	4,814	18.4%	Red
Noble County, OH	39121 OH	5	14,424 Non-core	457	3,168	11.4%	Red
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	1,098	2,709	12.8%	Red
Paulding County, OH	39125 OH	5	18,672 Non-core	405	2,169	31.1%	Red
Perry County, OH	39127 OH	5	36,134 Large fringe metro	1,182	3,271	12.4%	Red
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	3,114	5,327	8.4%	Yellow
Pike County, OH	39131 OH	5	27,772 Non-core	1,359	4,893	9.9%	Yellow
Portage County, OH	39133 OH	5	162,466 Medium metro	6,445	3,967	10.2%	Red
Preble County, OH	39135 OH	5	40,882 Non-core	1,659	4,058	14.0%	Red

Putnam County, OH	39137 OH	5	33,861 Non-core	587	1,734	22.7%	Red
Richland County, OH	39139 OH	5	121,154 Small metro	4,432	3,658	13.3%	Red
Ross County, OH	39141 OH	5	76,666 Micropolitan	3,386	4,417	8.8%	Yellow
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	1,934	3,305	13.0%	Red
Scioto County, OH	39145 OH	5	75,314 Micropolitan	4,462	5,925	8.2%	Yellow
Seneca County, OH	39147 OH	5	55,178 Micropolitan	1,881	3,409	11.9%	Red
Shelby County, OH	39149 OH	5	48,590 Micropolitan	1,745	3,591	10.1%	Red
Stark County, OH	39151 OH	5	370,606 Medium metro	15,259	4,117	11.8%	Red
Summit County, OH	39153 OH	5	541,013 Medium metro	19,452	3,595	11.1%	Red
Trumbull County, OH	39155 OH	5	197,974 Medium metro	7,215	3,644	12.7%	Red
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	3,542	3,851	16.0%	Red
Union County, OH	39159 OH	5	58,988 Large fringe metro	2,045	3,467	9.8%	Yellow
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	766	2,709	18.5%	Red
Vinton County, OH	39163 OH	5	13,085 Non-core	510	3,898	21.2%	Red
Warren County, OH	39165 OH	5	234,602 Large fringe metro	8,212	3,500	11.5%	Red
Washington County, OH	39167 OH	5	59,911 Micropolitan	1,571	2,622	15.2%	Red
Wayne County, OH	39169 OH	5	115,710 Micropolitan	3,899	3,370	14.7%	Red
Williams County, OH	39171 OH	5	36,692 Non-core	1,347	3,671	14.3%	Red
Wood County, OH	39173 OH	5	130,817 Medium metro	4,590	3,509	12.0%	Red
Wyandot County, OH	39175 OH	5	21,772 Non-core	681	3,128	17.9%	Red