

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 ≥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 September 29-October 12

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	1,619	5,845	13.8%	Red
Allen County, OH	39003	OH	5	102,351	Small metro	3,504	3,424	20.1%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	2,013	3,764	13.4%	Red
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	3,268	3,361	16.2%	Red
Athens County, OH	39009	OH	5	65,327	Micropolitan	5,401	8,268	5.4%	Yellow
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	1,308	2,865	24.7%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	1,723	2,571	21.0%	Red
Brown County, OH	39015	OH	5	43,432	Large fringe metro	1,349	3,106	20.1%	Red
Butler County, OH	39017	OH	5	383,134	Large fringe metro	13,013	3,396	12.3%	Red
Carroll County, OH	39019	OH	5	26,914	Medium metro	532	1,977	25.0%	Red
Champaign County, OH	39021	OH	5	38,885	Micropolitan	1,621	4,169	15.5%	Red
Clark County, OH	39023	OH	5	134,083	Small metro	7,382	5,506	12.0%	Red
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	9,287	4,499	11.8%	Red
Clinton County, OH	39027	OH	5	41,968	Micropolitan	1,030	2,454	9.0%	Yellow
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	5,615	5,511	14.7%	Red
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	1,631	4,456	25.1%	Red
Crawford County, OH	39033	OH	5	41,494	Micropolitan	1,927	4,644	16.2%	Red
Cuyahoga County, OH	39035	OH	5	1,235,072	Large central metrc	60,509	4,899	9.4%	Yellow
Darke County, OH	39037	OH	5	51,113	Micropolitan	1,649	3,226	13.6%	Red
Defiance County, OH	39039	OH	5	38,087	Micropolitan	1,576	4,138	14.8%	Red
Delaware County, OH	39041	OH	5	209,177	Large fringe metro	6,575	3,143	8.2%	Yellow
Erie County, OH	39043	OH	5	74,266	Micropolitan	2,086	2,809	11.7%	Red
Fairfield County, OH	39045	OH	5	157,574	Large fringe metro	5,257	3,336	11.7%	Red
Fayette County, OH	39047	OH	5	28,525	Micropolitan	1,077	3,776	19.6%	Red
Franklin County, OH	39049	OH	5	1,316,756	Large central metrc	54,301	4,124	8.3%	Yellow
Fulton County, OH	39051	OH	5	42,126	Medium metro	1,365	3,240	11.4%	Red
Gallia County, OH	39053	OH	5	29,898	Micropolitan	1,837	6,144	13.6%	Red
Geauga County, OH	39055	OH	5	93,649	Large fringe metro	3,048	3,255	9.8%	Yellow
Greene County, OH	39057	OH	5	168,937	Medium metro	6,509	3,853	13.4%	Red
Guernsey County, OH	39059	OH	5	38,875	Micropolitan	2,428	6,246	15.7%	Red
Hamilton County, OH	39061	OH	5	817,473	Large central metrc	38,497	4,709	9.1%	Yellow

Hancock County, OH	39063 OH	5	75,783 Micropolitan	2,478	3,270	11.2%	Red
Hardin County, OH	39065 OH	5	31,365 Non-core	1,257	4,008	14.2%	Red
Harrison County, OH	39067 OH	5	15,040 Non-core	435	2,892	19.8%	Red
Henry County, OH	39069 OH	5	27,006 Non-core	669	2,477	15.4%	Red
Highland County, OH	39071 OH	5	43,161 Non-core	1,296	3,003	13.3%	Red
Hocking County, OH	39073 OH	5	28,264 Large fringe metro	857	3,032	15.1%	Red
Holmes County, OH	39075 OH	5	43,960 Non-core	760	1,729	15.7%	Red
Huron County, OH	39077 OH	5	58,266 Micropolitan	1,978	3,395	17.6%	Red
Jackson County, OH	39079 OH	5	32,413 Micropolitan	2,159	6,661	17.2%	Red
Jefferson County, OH	39081 OH	5	65,325 Small metro	2,903	4,444	14.7%	Red
Knox County, OH	39083 OH	5	62,322 Micropolitan	2,480	3,979	14.9%	Red
Lake County, OH	39085 OH	5	230,149 Large fringe metro	9,260	4,023	11.0%	Red
Lawrence County, OH	39087 OH	5	59,463 Medium metro	1,756	2,953	22.2%	Red
Licking County, OH	39089 OH	5	176,862 Large fringe metro	4,239	2,397	15.0%	Red
Logan County, OH	39091 OH	5	45,672 Micropolitan	1,765	3,865	11.8%	Red
Lorain County, OH	39093 OH	5	309,833 Large fringe metro	13,241	4,274	11.4%	Red
Lucas County, OH	39095 OH	5	428,348 Medium metro	14,228	3,322	14.1%	Red
Madison County, OH	39097 OH	5	44,731 Large fringe metro	1,458	3,259	12.2%	Red
Mahoning County, OH	39099 OH	5	228,683 Medium metro	12,564	5,494	11.8%	Red
Marion County, OH	39101 OH	5	65,093 Micropolitan	3,055	4,693	15.2%	Red
Medina County, OH	39103 OH	5	179,746 Large fringe metro	6,730	3,744	10.9%	Red
Meigs County, OH	39105 OH	5	22,907 Non-core	1,078	4,706	23.2%	Red
Mercer County, OH	39107 OH	5	41,172 Micropolitan	1,106	2,686	21.1%	Red
Miami County, OH	39109 OH	5	106,987 Medium metro	4,673	4,368	16.2%	Red
Monroe County, OH	39111 OH	5	13,654 Non-core	396	2,900	11.9%	Red
Montgomery County, OH	39113 OH	5	531,687 Medium metro	27,294	5,133	13.2%	Red
Morgan County, OH	39115 OH	5	14,508 Non-core	529	3,646	20.0%	Red
Morrow County, OH	39117 OH	5	35,328 Large fringe metro	821	2,324	24.0%	Red
Muskingum County, OH	39119 OH	5	86,215 Micropolitan	4,616	5,354	20.0%	Red
Noble County, OH	39121 OH	5	14,424 Non-core	585	4,056	15.0%	Red
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	929	2,292	14.7%	Red
Paulding County, OH	39125 OH	5	18,672 Non-core	439	2,351	34.9%	Red
Perry County, OH	39127 OH	5	36,134 Large fringe metro	1,336	3,697	16.2%	Red
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	3,506	5,998	9.1%	Yellow
Pike County, OH	39131 OH	5	27,772 Non-core	1,459	5,253	12.1%	Red
Portage County, OH	39133 OH	5	162,466 Medium metro	6,962	4,285	10.4%	Red
Preble County, OH	39135 OH	5	40,882 Non-core	1,719	4,205	17.7%	Red

Putnam County, OH	39137 OH	5	33,861 Non-core	567	1,674	21.5%	Red
Richland County, OH	39139 OH	5	121,154 Small metro	4,587	3,786	15.1%	Red
Ross County, OH	39141 OH	5	76,666 Micropolitan	3,650	4,761	10.5%	Red
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	2,296	3,924	12.7%	Red
Scioto County, OH	39145 OH	5	75,314 Micropolitan	4,654	6,179	11.0%	Red
Seneca County, OH	39147 OH	5	55,178 Micropolitan	2,003	3,630	12.9%	Red
Shelby County, OH	39149 OH	5	48,590 Micropolitan	1,935	3,982	11.5%	Red
Stark County, OH	39151 OH	5	370,606 Medium metro	16,556	4,467	12.2%	Red
Summit County, OH	39153 OH	5	541,013 Medium metro	20,788	3,842	11.9%	Red
Trumbull County, OH	39155 OH	5	197,974 Medium metro	7,843	3,962	14.4%	Red
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	3,738	4,064	18.0%	Red
Union County, OH	39159 OH	5	58,988 Large fringe metro	2,012	3,411	11.8%	Red
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	825	2,918	17.1%	Red
Vinton County, OH	39163 OH	5	13,085 Non-core	513	3,921	21.4%	Red
Warren County, OH	39165 OH	5	234,602 Large fringe metro	8,958	3,818	13.0%	Red
Washington County, OH	39167 OH	5	59,911 Micropolitan	1,779	2,969	18.5%	Red
Wayne County, OH	39169 OH	5	115,710 Micropolitan	4,266	3,687	16.2%	Red
Williams County, OH	39171 OH	5	36,692 Non-core	1,322	3,603	11.6%	Red
Wood County, OH	39173 OH	5	130,817 Medium metro	4,738	3,622	12.9%	Red
Wyandot County, OH	39175 OH	5	21,772 Non-core	730	3,353	20.1%	Red