

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 15-September 28

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	1,974	7,127	20.1%	Red
Allen County, OH	39003	OH	5	102,351	Small metro	4,087	3,993	21.6%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	2,727	5,099	13.3%	Red
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	3,700	3,805	12.2%	Red
Athens County, OH	39009	OH	5	65,327	Micropolitan	6,742	10,320	7.0%	Yellow
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	1,443	3,161	18.6%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	1,909	2,849	20.6%	Red
Brown County, OH	39015	OH	5	43,432	Large fringe metro	1,874	4,315	21.1%	Red
Butler County, OH	39017	OH	5	383,134	Large fringe metro	15,611	4,075	13.0%	Red
Carroll County, OH	39019	OH	5	26,914	Medium metro	653	2,426	23.4%	Red
Champaign County, OH	39021	OH	5	38,885	Micropolitan	1,801	4,632	14.5%	Red
Clark County, OH	39023	OH	5	134,083	Small metro	8,576	6,396	13.7%	Red
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	12,046	5,835	12.2%	Red
Clinton County, OH	39027	OH	5	41,968	Micropolitan	1,249	2,976	12.1%	Red
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	6,401	6,283	14.9%	Red
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	1,995	5,451	23.8%	Red
Crawford County, OH	39033	OH	5	41,494	Micropolitan	2,218	5,345	21.2%	Red
Cuyahoga County, OH	39035	OH	5	1,235,072	Large central metrc	71,345	5,777	9.3%	Yellow
Darke County, OH	39037	OH	5	51,113	Micropolitan	2,097	4,103	15.4%	Red
Defiance County, OH	39039	OH	5	38,087	Micropolitan	2,133	5,600	13.2%	Red
Delaware County, OH	39041	OH	5	209,177	Large fringe metro	7,395	3,535	10.3%	Red
Erie County, OH	39043	OH	5	74,266	Micropolitan	2,932	3,948	11.3%	Red
Fairfield County, OH	39045	OH	5	157,574	Large fringe metro	6,130	3,890	13.5%	Red
Fayette County, OH	39047	OH	5	28,525	Micropolitan	1,487	5,213	17.3%	Red
Franklin County, OH	39049	OH	5	1,316,756	Large central metrc	64,598	4,906	9.9%	Yellow
Fulton County, OH	39051	OH	5	42,126	Medium metro	1,369	3,250	17.7%	Red
Gallia County, OH	39053	OH	5	29,898	Micropolitan	2,337	7,817	11.0%	Red
Geauga County, OH	39055	OH	5	93,649	Large fringe metro	3,661	3,909	9.0%	Yellow
Greene County, OH	39057	OH	5	168,937	Medium metro	7,430	4,398	16.1%	Red
Guernsey County, OH	39059	OH	5	38,875	Micropolitan	2,571	6,614	15.4%	Red
Hamilton County, OH	39061	OH	5	817,473	Large central metrc	45,197	5,529	10.6%	Red

Hancock County, OH	39063 OH	5	75,783 Micropolitan	2,622	3,460	12.9%	Red
Hardin County, OH	39065 OH	5	31,365 Non-core	1,673	5,334	18.1%	Red
Harrison County, OH	39067 OH	5	15,040 Non-core	601	3,996	22.5%	Red
Henry County, OH	39069 OH	5	27,006 Non-core	837	3,099	20.0%	Red
Highland County, OH	39071 OH	5	43,161 Non-core	1,644	3,809	19.8%	Red
Hocking County, OH	39073 OH	5	28,264 Large fringe metro	1,000	3,538	20.6%	Red
Holmes County, OH	39075 OH	5	43,960 Non-core	959	2,182	19.7%	Red
Huron County, OH	39077 OH	5	58,266 Micropolitan	2,889	4,958	18.7%	Red
Jackson County, OH	39079 OH	5	32,413 Micropolitan	2,711	8,364	16.5%	Red
Jefferson County, OH	39081 OH	5	65,325 Small metro	3,388	5,186	19.5%	Red
Knox County, OH	39083 OH	5	62,322 Micropolitan	2,624	4,210	19.2%	Red
Lake County, OH	39085 OH	5	230,149 Large fringe metro	10,060	4,371	9.5%	Yellow
Lawrence County, OH	39087 OH	5	59,463 Medium metro	3,102	5,217	21.8%	Red
Licking County, OH	39089 OH	5	176,862 Large fringe metro	5,032	2,845	13.8%	Red
Logan County, OH	39091 OH	5	45,672 Micropolitan	1,775	3,886	13.5%	Red
Lorain County, OH	39093 OH	5	309,833 Large fringe metro	15,264	4,927	11.9%	Red
Lucas County, OH	39095 OH	5	428,348 Medium metro	17,049	3,980	15.5%	Red
Madison County, OH	39097 OH	5	44,731 Large fringe metro	1,991	4,451	11.9%	Red
Mahoning County, OH	39099 OH	5	228,683 Medium metro	15,011	6,564	11.3%	Red
Marion County, OH	39101 OH	5	65,093 Micropolitan	4,097	6,294	15.9%	Red
Medina County, OH	39103 OH	5	179,746 Large fringe metro	8,018	4,461	10.8%	Red
Meigs County, OH	39105 OH	5	22,907 Non-core	1,405	6,133	21.8%	Red
Mercer County, OH	39107 OH	5	41,172 Micropolitan	1,388	3,371	17.4%	Red
Miami County, OH	39109 OH	5	106,987 Medium metro	5,431	5,076	18.5%	Red
Monroe County, OH	39111 OH	5	13,654 Non-core	426	3,120	13.8%	Red
Montgomery County, OH	39113 OH	5	531,687 Medium metro	32,265	6,068	14.8%	Red
Morgan County, OH	39115 OH	5	14,508 Non-core	730	5,032	22.1%	Red
Morrow County, OH	39117 OH	5	35,328 Large fringe metro	1,252	3,544	30.4%	Red
Muskingum County, OH	39119 OH	5	86,215 Micropolitan	5,939	6,889	20.3%	Red
Noble County, OH	39121 OH	5	14,424 Non-core	883	6,122	11.0%	Red
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	1,149	2,835	17.1%	Red
Paulding County, OH	39125 OH	5	18,672 Non-core	555	2,972	28.3%	Red
Perry County, OH	39127 OH	5	36,134 Large fringe metro	2,102	5,817	21.2%	Red
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	4,503	7,703	12.1%	Red
Pike County, OH	39131 OH	5	27,772 Non-core	2,093	7,536	19.5%	Red
Portage County, OH	39133 OH	5	162,466 Medium metro	8,644	5,320	11.7%	Red
Preble County, OH	39135 OH	5	40,882 Non-core	1,842	4,506	17.3%	Red

Putnam County, OH	39137 OH	5	33,861 Non-core	712	2,103	23.9%	Red
Richland County, OH	39139 OH	5	121,154 Small metro	5,364	4,427	19.7%	Red
Ross County, OH	39141 OH	5	76,666 Micropolitan	4,882	6,368	14.0%	Red
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	2,935	5,016	11.8%	Red
Scioto County, OH	39145 OH	5	75,314 Micropolitan	5,966	7,922	16.1%	Red
Seneca County, OH	39147 OH	5	55,178 Micropolitan	2,282	4,136	13.5%	Red
Shelby County, OH	39149 OH	5	48,590 Micropolitan	2,271	4,674	14.4%	Red
Stark County, OH	39151 OH	5	370,606 Medium metro	21,199	5,720	13.6%	Red
Summit County, OH	39153 OH	5	541,013 Medium metro	23,868	4,412	11.2%	Red
Trumbull County, OH	39155 OH	5	197,974 Medium metro	9,634	4,866	14.3%	Red
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	4,791	5,208	20.4%	Red
Union County, OH	39159 OH	5	58,988 Large fringe metro	2,427	4,114	11.7%	Red
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	1,000	3,537	18.7%	Red
Vinton County, OH	39163 OH	5	13,085 Non-core	548	4,188	21.7%	Red
Warren County, OH	39165 OH	5	234,602 Large fringe metro	10,909	4,650	12.4%	Red
Washington County, OH	39167 OH	5	59,911 Micropolitan	2,576	4,300	26.0%	Red
Wayne County, OH	39169 OH	5	115,710 Micropolitan	5,119	4,424	17.4%	Red
Williams County, OH	39171 OH	5	36,692 Non-core	1,480	4,034	17.2%	Red
Wood County, OH	39173 OH	5	130,817 Medium metro	5,030	3,845	13.6%	Red
Wyandot County, OH	39175 OH	5	21,772 Non-core	753	3,459	17.4%	Red