

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 October 20-November 2

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	1,103	3,982	9.2%	Yellow
Allen County, OH	39003	OH	5	102,351	Small metro	2,653	2,592	18.9%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	1,511	2,825	9.9%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	2,969	3,053	18.5%	Red
Athens County, OH	39009	OH	5	65,327	Micropolitan	4,060	6,215	3.9%	Green
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	1,004	2,199	15.6%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	1,613	2,407	12.9%	Red
Brown County, OH	39015	OH	5	43,432	Large fringe metro	1,113	2,563	14.6%	Red
Butler County, OH	39017	OH	5	383,134	Large fringe metro	10,048	2,623	9.2%	Yellow
Carroll County, OH	39019	OH	5	26,914	Medium metro	531	1,973	21.8%	Red
Champaign County, OH	39021	OH	5	38,885	Micropolitan	1,353	3,479	11.2%	Red
Clark County, OH	39023	OH	5	134,083	Small metro	5,736	4,278	9.1%	Yellow
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	6,601	3,198	7.3%	Yellow
Clinton County, OH	39027	OH	5	41,968	Micropolitan	863	2,056	6.5%	Yellow
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	4,325	4,245	12.4%	Red
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	1,236	3,377	18.2%	Red
Crawford County, OH	39033	OH	5	41,494	Micropolitan	1,739	4,191	10.9%	Red
Cuyahoga County, OH	39035	OH	5	1,235,072	Large central metro	47,152	3,818	8.3%	Yellow
Darke County, OH	39037	OH	5	51,113	Micropolitan	1,705	3,336	8.5%	Yellow
Defiance County, OH	39039	OH	5	38,087	Micropolitan	1,262	3,313	15.5%	Red
Delaware County, OH	39041	OH	5	209,177	Large fringe metro	5,512	2,635	5.9%	Yellow
Erie County, OH	39043	OH	5	74,266	Micropolitan	1,908	2,569	15.3%	Red
Fairfield County, OH	39045	OH	5	157,574	Large fringe metro	4,293	2,724	7.5%	Yellow
Fayette County, OH	39047	OH	5	28,525	Micropolitan	1,201	4,210	12.2%	Red
Franklin County, OH	39049	OH	5	1,316,756	Large central metro	47,389	3,599	5.6%	Yellow
Fulton County, OH	39051	OH	5	42,126	Medium metro	1,201	2,851	10.8%	Red
Gallia County, OH	39053	OH	5	29,898	Micropolitan	1,474	4,930	8.1%	Yellow
Geauga County, OH	39055	OH	5	93,649	Large fringe metro	2,720	2,904	11.8%	Red
Greene County, OH	39057	OH	5	168,937	Medium metro	5,403	3,198	10.1%	Red
Guernsey County, OH	39059	OH	5	38,875	Micropolitan	1,979	5,091	11.6%	Red
Hamilton County, OH	39061	OH	5	817,473	Large central metro	28,503	3,487	6.5%	Yellow

Hancock County, OH	39063 OH	5	75,783 Micropolitan	2,009	2,651	9.0%	Yellow
Hardin County, OH	39065 OH	5	31,365 Non-core	1,088	3,469	12.3%	Red
Harrison County, OH	39067 OH	5	15,040 Non-core	443	2,945	14.4%	Red
Henry County, OH	39069 OH	5	27,006 Non-core	582	2,155	17.2%	Red
Highland County, OH	39071 OH	5	43,161 Non-core	924	2,141	12.8%	Red
Hocking County, OH	39073 OH	5	28,264 Large fringe metro	645	2,282	9.8%	Yellow
Holmes County, OH	39075 OH	5	43,960 Non-core	666	1,515	13.7%	Red
Huron County, OH	39077 OH	5	58,266 Micropolitan	2,022	3,470	16.8%	Red
Jackson County, OH	39079 OH	5	32,413 Micropolitan	1,550	4,782	11.5%	Red
Jefferson County, OH	39081 OH	5	65,325 Small metro	2,174	3,328	12.0%	Red
Knox County, OH	39083 OH	5	62,322 Micropolitan	2,109	3,384	12.5%	Red
Lake County, OH	39085 OH	5	230,149 Large fringe metro	8,463	3,677	10.7%	Red
Lawrence County, OH	39087 OH	5	59,463 Medium metro	1,006	1,692	21.5%	Red
Licking County, OH	39089 OH	5	176,862 Large fringe metro	3,611	2,042	9.3%	Yellow
Logan County, OH	39091 OH	5	45,672 Micropolitan	1,699	3,720	10.5%	Red
Lorain County, OH	39093 OH	5	309,833 Large fringe metro	10,034	3,239	9.7%	Yellow
Lucas County, OH	39095 OH	5	428,348 Medium metro	11,530	2,692	11.2%	Red
Madison County, OH	39097 OH	5	44,731 Large fringe metro	1,208	2,701	8.6%	Yellow
Mahoning County, OH	39099 OH	5	228,683 Medium metro	9,263	4,051	9.3%	Yellow
Marion County, OH	39101 OH	5	65,093 Micropolitan	2,475	3,802	10.9%	Red
Medina County, OH	39103 OH	5	179,746 Large fringe metro	5,883	3,273	9.3%	Yellow
Meigs County, OH	39105 OH	5	22,907 Non-core	782	3,414	17.9%	Red
Mercer County, OH	39107 OH	5	41,172 Micropolitan	964	2,341	15.4%	Red
Miami County, OH	39109 OH	5	106,987 Medium metro	4,077	3,811	11.3%	Red
Monroe County, OH	39111 OH	5	13,654 Non-core	351	2,571	6.0%	Yellow
Montgomery County, OH	39113 OH	5	531,687 Medium metro	22,215	4,178	8.4%	Yellow
Morgan County, OH	39115 OH	5	14,508 Non-core	291	2,006	11.7%	Red
Morrow County, OH	39117 OH	5	35,328 Large fringe metro	664	1,880	16.3%	Red
Muskingum County, OH	39119 OH	5	86,215 Micropolitan	3,280	3,804	14.9%	Red
Noble County, OH	39121 OH	5	14,424 Non-core	595	4,125	5.0%	Yellow
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	1,110	2,739	11.6%	Red
Paulding County, OH	39125 OH	5	18,672 Non-core	412	2,207	23.5%	Red
Perry County, OH	39127 OH	5	36,134 Large fringe metro	996	2,756	11.0%	Red
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	2,979	5,096	4.9%	Green
Pike County, OH	39131 OH	5	27,772 Non-core	981	3,532	6.9%	Yellow
Portage County, OH	39133 OH	5	162,466 Medium metro	5,933	3,652	9.8%	Yellow
Preble County, OH	39135 OH	5	40,882 Non-core	1,467	3,588	8.2%	Yellow

Putnam County, OH	39137 OH	5	33,861 Non-core	507	1,497	21.3%	Red
Richland County, OH	39139 OH	5	121,154 Small metro	4,048	3,341	10.8%	Red
Ross County, OH	39141 OH	5	76,666 Micropolitan	2,697	3,518	7.5%	Yellow
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	1,889	3,228	9.7%	Yellow
Scioto County, OH	39145 OH	5	75,314 Micropolitan	4,044	5,370	5.7%	Yellow
Seneca County, OH	39147 OH	5	55,178 Micropolitan	1,835	3,326	11.8%	Red
Shelby County, OH	39149 OH	5	48,590 Micropolitan	1,722	3,544	7.7%	Yellow
Stark County, OH	39151 OH	5	370,606 Medium metro	13,814	3,727	10.3%	Red
Summit County, OH	39153 OH	5	541,013 Medium metro	17,199	3,179	10.3%	Red
Trumbull County, OH	39155 OH	5	197,974 Medium metro	6,329	3,197	12.3%	Red
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	3,665	3,984	10.3%	Red
Union County, OH	39159 OH	5	58,988 Large fringe metro	1,785	3,026	8.8%	Yellow
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	743	2,628	18.0%	Red
Vinton County, OH	39163 OH	5	13,085 Non-core	384	2,935	13.5%	Red
Warren County, OH	39165 OH	5	234,602 Large fringe metro	6,660	2,839	8.5%	Yellow
Washington County, OH	39167 OH	5	59,911 Micropolitan	1,196	1,996	12.0%	Red
Wayne County, OH	39169 OH	5	115,710 Micropolitan	3,031	2,619	12.4%	Red
Williams County, OH	39171 OH	5	36,692 Non-core	1,047	2,853	11.4%	Red
Wood County, OH	39173 OH	5	130,817 Medium metro	3,926	3,001	9.4%	Yellow
Wyandot County, OH	39175 OH	5	21,772 Non-core	508	2,333	15.9%	Red