

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 22-October 5

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 and RI 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	1,802	6,506	16.7%	Red
Allen County, OH	39003	OH	5	102,351	Small metro	3,937	3,847	19.6%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	2,298	4,297	12.1%	Red
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	3,405	3,502	14.0%	Red
Athens County, OH	39009	OH	5	65,327	Micropolitan	5,628	8,615	6.2%	Yellow
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	1,419	3,108	21.3%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	1,828	2,728	19.6%	Red
Brown County, OH	39015	OH	5	43,432	Large fringe metro	1,484	3,417	20.8%	Red
Butler County, OH	39017	OH	5	383,134	Large fringe metro	14,065	3,671	11.8%	Red
Carroll County, OH	39019	OH	5	26,914	Medium metro	527	1,958	23.0%	Red
Champaign County, OH	39021	OH	5	38,885	Micropolitan	1,694	4,356	15.8%	Red
Clark County, OH	39023	OH	5	134,083	Small metro	7,989	5,958	13.0%	Red
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	10,600	5,135	12.1%	Red
Clinton County, OH	39027	OH	5	41,968	Micropolitan	1,073	2,557	12.1%	Red
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	5,851	5,743	14.0%	Red
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	1,962	5,361	24.1%	Red
Crawford County, OH	39033	OH	5	41,494	Micropolitan	2,220	5,350	18.1%	Red
Cuyahoga County, OH	39035	OH	5	1,235,072	Large central metrc	64,882	5,253	9.0%	Yellow
Darke County, OH	39037	OH	5	51,113	Micropolitan	1,863	3,645	13.8%	Red
Defiance County, OH	39039	OH	5	38,087	Micropolitan	1,867	4,902	12.2%	Red
Delaware County, OH	39041	OH	5	209,177	Large fringe metro	6,877	3,288	9.2%	Yellow
Erie County, OH	39043	OH	5	74,266	Micropolitan	2,532	3,409	9.8%	Yellow
Fairfield County, OH	39045	OH	5	157,574	Large fringe metro	5,774	3,664	12.9%	Red
Fayette County, OH	39047	OH	5	28,525	Micropolitan	1,248	4,375	18.2%	Red
Franklin County, OH	39049	OH	5	1,316,756	Large central metrc	57,377	4,357	9.2%	Yellow
Fulton County, OH	39051	OH	5	42,126	Medium metro	1,353	3,212	12.0%	Red
Gallia County, OH	39053	OH	5	29,898	Micropolitan	2,140	7,158	12.9%	Red
Geauga County, OH	39055	OH	5	93,649	Large fringe metro	3,387	3,617	8.4%	Yellow
Greene County, OH	39057	OH	5	168,937	Medium metro	6,923	4,098	14.6%	Red
Guernsey County, OH	39059	OH	5	38,875	Micropolitan	2,471	6,356	15.7%	Red
Hamilton County, OH	39061	OH	5	817,473	Large central metrc	41,516	5,079	9.8%	Yellow

Hancock County, OH	39063 OH	5	75,783 Micropolitan	2,369	3,126	11.2%	Red
Hardin County, OH	39065 OH	5	31,365 Non-core	1,407	4,486	16.3%	Red
Harrison County, OH	39067 OH	5	15,040 Non-core	465	3,092	20.4%	Red
Henry County, OH	39069 OH	5	27,006 Non-core	758	2,807	16.0%	Red
Highland County, OH	39071 OH	5	43,161 Non-core	1,461	3,385	14.5%	Red
Hocking County, OH	39073 OH	5	28,264 Large fringe metro	945	3,343	17.9%	Red
Holmes County, OH	39075 OH	5	43,960 Non-core	875	1,990	17.7%	Red
Huron County, OH	39077 OH	5	58,266 Micropolitan	2,351	4,035	17.2%	Red
Jackson County, OH	39079 OH	5	32,413 Micropolitan	2,514	7,756	16.3%	Red
Jefferson County, OH	39081 OH	5	65,325 Small metro	3,154	4,828	16.7%	Red
Knox County, OH	39083 OH	5	62,322 Micropolitan	2,362	3,790	16.7%	Red
Lake County, OH	39085 OH	5	230,149 Large fringe metro	9,480	4,119	10.0%	Yellow
Lawrence County, OH	39087 OH	5	59,463 Medium metro	2,381	4,004	23.3%	Red
Licking County, OH	39089 OH	5	176,862 Large fringe metro	4,702	2,659	13.8%	Red
Logan County, OH	39091 OH	5	45,672 Micropolitan	1,729	3,786	12.0%	Red
Lorain County, OH	39093 OH	5	309,833 Large fringe metro	14,318	4,621	11.5%	Red
Lucas County, OH	39095 OH	5	428,348 Medium metro	14,986	3,499	14.8%	Red
Madison County, OH	39097 OH	5	44,731 Large fringe metro	1,762	3,939	11.2%	Red
Mahoning County, OH	39099 OH	5	228,683 Medium metro	13,836	6,050	11.2%	Red
Marion County, OH	39101 OH	5	65,093 Micropolitan	3,543	5,443	14.8%	Red
Medina County, OH	39103 OH	5	179,746 Large fringe metro	7,302	4,062	11.4%	Red
Meigs County, OH	39105 OH	5	22,907 Non-core	1,244	5,431	23.5%	Red
Mercer County, OH	39107 OH	5	41,172 Micropolitan	1,273	3,092	20.0%	Red
Miami County, OH	39109 OH	5	106,987 Medium metro	4,991	4,665	17.9%	Red
Monroe County, OH	39111 OH	5	13,654 Non-core	421	3,083	11.4%	Red
Montgomery County, OH	39113 OH	5	531,687 Medium metro	29,111	5,475	14.2%	Red
Morgan County, OH	39115 OH	5	14,508 Non-core	593	4,087	18.5%	Red
Morrow County, OH	39117 OH	5	35,328 Large fringe metro	1,082	3,063	28.6%	Red
Muskingum County, OH	39119 OH	5	86,215 Micropolitan	4,957	5,750	19.4%	Red
Noble County, OH	39121 OH	5	14,424 Non-core	873	6,052	12.4%	Red
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	1,047	2,584	17.4%	Red
Paulding County, OH	39125 OH	5	18,672 Non-core	512	2,742	30.5%	Red
Perry County, OH	39127 OH	5	36,134 Large fringe metro	1,582	4,378	19.3%	Red
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	4,241	7,255	10.3%	Red
Pike County, OH	39131 OH	5	27,772 Non-core	1,809	6,514	15.9%	Red
Portage County, OH	39133 OH	5	162,466 Medium metro	7,771	4,783	11.1%	Red
Preble County, OH	39135 OH	5	40,882 Non-core	1,763	4,312	17.9%	Red

Putnam County, OH	39137 OH	5	33,861 Non-core	626	1,849	22.8%	Red
Richland County, OH	39139 OH	5	121,154 Small metro	4,923	4,063	16.8%	Red
Ross County, OH	39141 OH	5	76,666 Micropolitan	4,285	5,589	11.8%	Red
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	2,544	4,347	12.0%	Red
Scioto County, OH	39145 OH	5	75,314 Micropolitan	5,211	6,919	12.9%	Red
Seneca County, OH	39147 OH	5	55,178 Micropolitan	2,148	3,893	12.9%	Red
Shelby County, OH	39149 OH	5	48,590 Micropolitan	2,237	4,604	13.6%	Red
Stark County, OH	39151 OH	5	370,606 Medium metro	18,789	5,070	12.1%	Red
Summit County, OH	39153 OH	5	541,013 Medium metro	22,275	4,117	11.2%	Red
Trumbull County, OH	39155 OH	5	197,974 Medium metro	8,496	4,291	15.3%	Red
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	4,379	4,760	18.1%	Red
Union County, OH	39159 OH	5	58,988 Large fringe metro	2,232	3,784	11.9%	Red
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	887	3,137	17.1%	Red
Vinton County, OH	39163 OH	5	13,085 Non-core	526	4,020	23.2%	Red
Warren County, OH	39165 OH	5	234,602 Large fringe metro	9,720	4,143	12.8%	Red
Washington County, OH	39167 OH	5	59,911 Micropolitan	2,303	3,844	23.8%	Red
Wayne County, OH	39169 OH	5	115,710 Micropolitan	4,744	4,100	17.0%	Red
Williams County, OH	39171 OH	5	36,692 Non-core	1,400	3,816	14.8%	Red
Wood County, OH	39173 OH	5	130,817 Medium metro	4,756	3,636	13.1%	Red
Wyandot County, OH	39175 OH	5	21,772 Non-core	707	3,247	19.9%	Red