

COVID-19 Viral (RT-PCR) 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 November 26-December 9

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 (reverse transcription polymerase chain reaction, RT-PCR) 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 (RT-PCR) 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 (RT-PCR) laboratory tests are the number of tests performed, not the number of individuals tested. Viral (RT-PCR) 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 TN have also be classified as gray due to incomplete reporting from those states 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	387	1,397	13.4%	Yellow
Allen County, OH	39003	OH	5	102,351	Small metro	2,367	2,313	24.9%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	368	688	12.8%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	1,489	1,531	16.5%	Red
Athens County, OH	39009	OH	5	65,327	Micropolitan	681	1,042	18.6%	Red
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	909	1,991	24.6%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	1,834	2,737	21.3%	Red
Brown County, OH	39015	OH	5	43,432	Large fringe metro	725	1,669	25.9%	Red
Butler County, OH	39017	OH	5	383,134	Large fringe metro	2,709	707	26.7%	Red

Carroll County, OH	39019 OH	5	26,914	Medium metro	288	1,070	26.4%	Yellow
Champaign County, OH	39021 OH	5	38,885	Micropolitan	857	2,204	20.9%	Red
Clark County, OH	39023 OH	5	134,083	Small metro	2,769	2,065	13.2%	Red
Clermont County, OH	39025 OH	5	206,428	Large fringe metro	1,966	952	22.6%	Red
Clinton County, OH	39027 OH	5	41,968	Micropolitan	514	1,225	27.8%	Red
Columbiana County, OH	39029 OH	5	101,883	Micropolitan	4,315	4,235	14.6%	Red
Coshocton County, OH	39031 OH	5	36,600	Micropolitan	883	2,413	22.0%	Red
Crawford County, OH	39033 OH	5	41,494	Micropolitan	1,274	3,070	23.6%	Red
Cuyahoga County, OH	39035 OH	5	1,235,072	Large central metro	29,726	2,407	19.3%	Red
Darke County, OH	39037 OH	5	51,113	Micropolitan	1,497	2,929	35.5%	Red
Defiance County, OH	39039 OH	5	38,087	Micropolitan	865	2,271	33.9%	Red
Delaware County, OH	39041 OH	5	209,177	Large fringe metro	2,293	1,096	19.5%	Red
Erie County, OH	39043 OH	5	74,266	Micropolitan	2,564	3,452	17.2%	Red
Fairfield County, OH	39045 OH	5	157,574	Large fringe metro	1,812	1,150	11.7%	Red
Fayette County, OH	39047 OH	5	28,525	Micropolitan	922	3,232	20.3%	Red
Franklin County, OH	39049 OH	5	1,316,756	Large central metro	49,920	3,791	15.7%	Red
Fulton County, OH	39051 OH	5	42,126	Medium metro	858	2,037	26.7%	Red
Gallia County, OH	39053 OH	5	29,898	Micropolitan	3,154	10,549	27.1%	Red
Geauga County, OH	39055 OH	5	93,649	Large fringe metro	1,209	1,291	21.2%	Red
Greene County, OH	39057 OH	5	168,937	Medium metro	1,878	1,112	24.7%	Red
Guernsey County, OH	39059 OH	5	38,875	Micropolitan	1,257	3,233	23.4%	Red
Hamilton County, OH	39061 OH	5	817,473	Large central metro	39,087	4,781	17.3%	Red
Hancock County, OH	39063 OH	5	75,783	Micropolitan	1,665	2,197	26.5%	Red
Hardin County, OH	39065 OH	5	31,365	Non-core	457	1,457	24.5%	Yellow
Harrison County, OH	39067 OH	5	15,040	Non-core	128	851	24.2%	Yellow
Henry County, OH	39069 OH	5	27,006	Non-core	482	1,785	24.7%	Yellow
Highland County, OH	39071 OH	5	43,161	Non-core	628	1,455	27.5%	Red
Hocking County, OH	39073 OH	5	28,264	Large fringe metro	286	1,012	23.1%	Yellow
Holmes County, OH	39075 OH	5	43,960	Non-core	261	594	30.3%	Yellow
Huron County, OH	39077 OH	5	58,266	Micropolitan	1,866	3,203	18.6%	Red
Jackson County, OH	39079 OH	5	32,413	Micropolitan	326	1,006	23.9%	Yellow
Jefferson County, OH	39081 OH	5	65,325	Small metro	3,016	4,617	33.8%	Red
Knox County, OH	39083 OH	5	62,322	Micropolitan	498	799	23.7%	Yellow
Lake County, OH	39085 OH	5	230,149	Large fringe metro	4,979	2,163	22.4%	Red
Lawrence County, OH	39087 OH	5	59,463	Medium metro	498	837	8.2%	Yellow
Licking County, OH	39089 OH	5	176,862	Large fringe metro	2,488	1,407	30.5%	Red
Logan County, OH	39091 OH	5	45,672	Micropolitan	548	1,200	27.4%	Red
Lorain County, OH	39093 OH	5	309,833	Large fringe metro	5,292	1,708	18.7%	Red
Lucas County, OH	39095 OH	5	428,348	Medium metro	24,433	5,704	21.3%	Red
Madison County, OH	39097 OH	5	44,731	Large fringe metro	346	774	16.2%	Yellow
Mahoning County, OH	39099 OH	5	228,683	Medium metro	8,207	3,589	12.3%	Red

Marion County, OH	39101 OH	5	65,093 Micropolitan	1,162	1,785	18.7%	Red
Medina County, OH	39103 OH	5	179,746 Large fringe metro	2,074	1,154	26.0%	Red
Meigs County, OH	39105 OH	5	22,907 Non-core	160	698	10.0%	Yellow
Mercer County, OH	39107 OH	5	41,172 Micropolitan	625	1,518	24.3%	Red
Miami County, OH	39109 OH	5	106,987 Medium metro	574	537	26.8%	Red
Monroe County, OH	39111 OH	5	13,654 Non-core	276	2,021	19.2%	Red
Montgomery County, OH	39113 OH	5	531,687 Medium metro	16,472	3,098	20.0%	Red
Morgan County, OH	39115 OH	5	14,508 Non-core	168	1,158	24.4%	Yellow
Morrow County, OH	39117 OH	5	35,328 Large fringe metro	512	1,449	15.6%	Red
Muskingum County, OH	39119 OH	5	86,215 Micropolitan	758	879	14.1%	Red
Noble County, OH	39121 OH	5	14,424 Non-core	300	2,080	22.3%	Red
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	789	1,947	21.9%	Red
Paulding County, OH	39125 OH	5	18,672 Non-core	347	1,858	33.4%	Yellow
Perry County, OH	39127 OH	5	36,134 Large fringe metro	482	1,334	14.3%	Yellow
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	866	1,481	19.5%	Red
Pike County, OH	39131 OH	5	27,772 Non-core	514	1,851	23.2%	Red
Portage County, OH	39133 OH	5	162,466 Medium metro	2,530	1,557	21.8%	Red
Preble County, OH	39135 OH	5	40,882 Non-core	418	1,022	33.7%	Yellow
Putnam County, OH	39137 OH	5	33,861 Non-core	500	1,477	26.4%	Red
Richland County, OH	39139 OH	5	121,154 Small metro	2,306	1,903	24.2%	Red
Ross County, OH	39141 OH	5	76,666 Micropolitan	2,098	2,737	20.0%	Red
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	1,659	2,835	15.8%	Red
Scioto County, OH	39145 OH	5	75,314 Micropolitan	5,829	7,740	15.7%	Red
Seneca County, OH	39147 OH	5	55,178 Micropolitan	1,882	3,411	13.5%	Red
Shelby County, OH	39149 OH	5	48,590 Micropolitan	204	420	30.9%	Yellow
Stark County, OH	39151 OH	5	370,606 Medium metro	3,742	1,010	29.9%	Red
Summit County, OH	39153 OH	5	541,013 Medium metro	12,205	2,256	26.3%	Red
Trumbull County, OH	39155 OH	5	197,974 Medium metro	4,774	2,411	21.1%	Red
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	441	479	23.8%	Yellow
Union County, OH	39159 OH	5	58,988 Large fringe metro	1,765	2,992	19.8%	Red
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	501	1,772	29.5%	Red
Vinton County, OH	39163 OH	5	13,085 Non-core	94	718	14.9%	Yellow
Warren County, OH	39165 OH	5	234,602 Large fringe metro	2,333	994	23.4%	Red
Washington County, OH	39167 OH	5	59,911 Micropolitan	2,888	4,820	22.5%	Red
Wayne County, OH	39169 OH	5	115,710 Micropolitan	1,238	1,070	26.8%	Red
Williams County, OH	39171 OH	5	36,692 Non-core	853	2,325	22.9%	Red
Wood County, OH	39173 OH	5	130,817 Medium metro	2,122	1,622	22.7%	Red
Wyandot County, OH	39175 OH	5	21,772 Non-core	304	1,396	12.8%	Yellow