

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 19-December 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 (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 and VA 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	449	1,621	16.0%	Yellow
Allen County, OH	39003	OH	5	102,351	Small metro	2,613	2,553	23.3%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	393	735	11.7%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	1,886	1,940	9.9%	Yellow
Athens County, OH	39009	OH	5	65,327	Micropolitan	662	1,013	13.4%	Red
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	899	1,969	23.5%	Red

Belmont County, OH	39013 OH	5	67,006 Small metro	2,018	3,012	17.4%	Red
Brown County, OH	39015 OH	5	43,432 Large fringe metro	682	1,570	20.1%	Red
Butler County, OH	39017 OH	5	383,134 Large fringe metro	2,747	717	20.8%	Red
Carroll County, OH	39019 OH	5	26,914 Medium metro	261	970	25.3%	Yellow
Champaign County, OH	39021 OH	5	38,885 Micropolitan	998	2,567	19.4%	Red
Clark County, OH	39023 OH	5	134,083 Small metro	3,008	2,243	13.5%	Red
Clermont County, OH	39025 OH	5	206,428 Large fringe metro	2,113	1,024	19.5%	Red
Clinton County, OH	39027 OH	5	41,968 Micropolitan	520	1,239	25.4%	Red
Columbiana County, OH	39029 OH	5	101,883 Micropolitan	4,559	4,475	16.7%	Red
Coshocton County, OH	39031 OH	5	36,600 Micropolitan	928	2,536	19.1%	Red
Crawford County, OH	39033 OH	5	41,494 Micropolitan	1,241	2,991	22.2%	Red
Cuyahoga County, OH	39035 OH	5	1,235,072 Large central metro	31,889	2,582	15.0%	Red
Darke County, OH	39037 OH	5	51,113 Micropolitan	1,593	3,117	33.1%	Red
Defiance County, OH	39039 OH	5	38,087 Micropolitan	887	2,329	28.9%	Red
Delaware County, OH	39041 OH	5	209,177 Large fringe metro	2,283	1,091	13.6%	Red
Erie County, OH	39043 OH	5	74,266 Micropolitan	3,079	4,146	13.6%	Red
Fairfield County, OH	39045 OH	5	157,574 Large fringe metro	1,656	1,051	13.1%	Red
Fayette County, OH	39047 OH	5	28,525 Micropolitan	904	3,169	17.9%	Red
Franklin County, OH	39049 OH	5	1,316,756 Large central metro	53,293	4,047	14.3%	Red
Fulton County, OH	39051 OH	5	42,126 Medium metro	939	2,229	18.2%	Red
Gallia County, OH	39053 OH	5	29,898 Micropolitan	2,927	9,790	26.6%	Red
Geauga County, OH	39055 OH	5	93,649 Large fringe metro	1,578	1,685	14.2%	Red
Greene County, OH	39057 OH	5	168,937 Medium metro	2,128	1,260	21.9%	Red
Guernsey County, OH	39059 OH	5	38,875 Micropolitan	1,290	3,318	22.8%	Red
Hamilton County, OH	39061 OH	5	817,473 Large central metro	40,411	4,943	15.8%	Red
Hancock County, OH	39063 OH	5	75,783 Micropolitan	2,143	2,828	27.0%	Red
Hardin County, OH	39065 OH	5	31,365 Non-core	478	1,524	24.7%	Yellow
Harrison County, OH	39067 OH	5	15,040 Non-core	128	851	31.2%	Yellow
Henry County, OH	39069 OH	5	27,006 Non-core	514	1,903	19.1%	Red
Highland County, OH	39071 OH	5	43,161 Non-core	626	1,450	23.2%	Red
Hocking County, OH	39073 OH	5	28,264 Large fringe metro	287	1,015	20.6%	Yellow
Holmes County, OH	39075 OH	5	43,960 Non-core	248	564	27.4%	Yellow
Huron County, OH	39077 OH	5	58,266 Micropolitan	2,100	3,604	14.8%	Red
Jackson County, OH	39079 OH	5	32,413 Micropolitan	354	1,092	20.1%	Yellow
Jefferson County, OH	39081 OH	5	65,325 Small metro	2,901	4,441	30.7%	Red
Knox County, OH	39083 OH	5	62,322 Micropolitan	665	1,067	21.7%	Red
Lake County, OH	39085 OH	5	230,149 Large fringe metro	5,074	2,205	20.2%	Red
Lawrence County, OH	39087 OH	5	59,463 Medium metro	530	891	7.7%	Yellow
Licking County, OH	39089 OH	5	176,862 Large fringe metro	2,731	1,544	31.7%	Red
Logan County, OH	39091 OH	5	45,672 Micropolitan	538	1,178	27.5%	Red

Lorain County, OH	39093 OH	5	309,833	Large fringe metro	6,871	2,218	12.9%	Red
Lucas County, OH	39095 OH	5	428,348	Medium metro	25,515	5,957	19.4%	Red
Madison County, OH	39097 OH	5	44,731	Large fringe metro	376	841	12.8%	Yellow
Mahoning County, OH	39099 OH	5	228,683	Medium metro	8,987	3,930	12.1%	Red
Marion County, OH	39101 OH	5	65,093	Micropolitan	941	1,446	15.2%	Red
Medina County, OH	39103 OH	5	179,746	Large fringe metro	2,714	1,510	15.8%	Red
Meigs County, OH	39105 OH	5	22,907	Non-core	122	533	7.4%	Yellow
Mercer County, OH	39107 OH	5	41,172	Micropolitan	596	1,448	21.3%	Red
Miami County, OH	39109 OH	5	106,987	Medium metro	612	572	24.8%	Red
Monroe County, OH	39111 OH	5	13,654	Non-core	208	1,523	18.3%	Yellow
Montgomery County, OH	39113 OH	5	531,687	Medium metro	16,540	3,111	20.6%	Red
Morgan County, OH	39115 OH	5	14,508	Non-core	130	896	26.9%	Yellow
Morrow County, OH	39117 OH	5	35,328	Large fringe metro	536	1,517	15.3%	Red
Muskingum County, OH	39119 OH	5	86,215	Micropolitan	784	909	14.4%	Red
Noble County, OH	39121 OH	5	14,424	Non-core	265	1,837	26.0%	Yellow
Ottawa County, OH	39123 OH	5	40,525	Micropolitan	1,032	2,547	15.9%	Red
Paulding County, OH	39125 OH	5	18,672	Non-core	494	2,646	25.9%	Red
Perry County, OH	39127 OH	5	36,134	Large fringe metro	420	1,162	14.3%	Yellow
Pickaway County, OH	39129 OH	5	58,457	Large fringe metro	961	1,644	16.9%	Red
Pike County, OH	39131 OH	5	27,772	Non-core	549	1,977	25.0%	Red
Portage County, OH	39133 OH	5	162,466	Medium metro	2,427	1,494	14.5%	Red
Preble County, OH	39135 OH	5	40,882	Non-core	477	1,167	31.0%	Yellow
Putnam County, OH	39137 OH	5	33,861	Non-core	533	1,574	27.2%	Red
Richland County, OH	39139 OH	5	121,154	Small metro	2,364	1,951	20.6%	Red
Ross County, OH	39141 OH	5	76,666	Micropolitan	1,878	2,450	17.3%	Red
Sandusky County, OH	39143 OH	5	58,518	Micropolitan	2,413	4,124	12.9%	Red
Scioto County, OH	39145 OH	5	75,314	Micropolitan	5,433	7,214	15.2%	Red
Seneca County, OH	39147 OH	5	55,178	Micropolitan	2,345	4,250	13.0%	Red
Shelby County, OH	39149 OH	5	48,590	Micropolitan	218	449	23.4%	Yellow
Stark County, OH	39151 OH	5	370,606	Medium metro	4,396	1,186	18.1%	Red
Summit County, OH	39153 OH	5	541,013	Medium metro	12,950	2,394	19.6%	Red
Trumbull County, OH	39155 OH	5	197,974	Medium metro	5,371	2,713	18.7%	Red
Tuscarawas County, OH	39157 OH	5	91,987	Micropolitan	804	874	20.4%	Red
Union County, OH	39159 OH	5	58,988	Large fringe metro	1,727	2,928	18.4%	Red
Van Wert County, OH	39161 OH	5	28,275	Micropolitan	594	2,101	28.5%	Red
Vinton County, OH	39163 OH	5	13,085	Non-core	96	734	12.5%	Yellow
Warren County, OH	39165 OH	5	234,602	Large fringe metro	2,331	994	19.3%	Red
Washington County, OH	39167 OH	5	59,911	Micropolitan	2,965	4,949	23.3%	Red
Wayne County, OH	39169 OH	5	115,710	Micropolitan	1,471	1,271	20.8%	Red
Williams County, OH	39171 OH	5	36,692	Non-core	890	2,426	19.8%	Red

Wood County, OH	39173 OH	5	130,817 Medium metro	2,662	2,035	17.5%	Red
Wyandot County, OH	39175 OH	5	21,772 Non-core	329	1,511	10.9%	Yellow