

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 April 21-May 4

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 PR 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	960	3,466	7.1%	Yellow
Allen County, OH	39003	OH	5	102,351	Small metro	2,595	2,535	7.4%	Yellow
Ashland County, OH	39005	OH	5	53,484	Micropolitan	2,121	3,966	1.6%	Green
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	3,176	3,266	5.6%	Yellow
Athens County, OH	39009	OH	5	65,327	Micropolitan	4,909	7,515	1.7%	Green
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	1,304	2,856	5.9%	Yellow
Belmont County, OH	39013	OH	5	67,006	Small metro	1,949	2,909	5.8%	Yellow
Brown County, OH	39015	OH	5	43,432	Large fringe metro	688	1,584	6.4%	Yellow
Butler County, OH	39017	OH	5	383,134	Large fringe metro	10,404	2,715	3.0%	Green
Carroll County, OH	39019	OH	5	26,914	Medium metro	509	1,891	2.0%	Green
Champaign County, OH	39021	OH	5	38,885	Micropolitan	1,476	3,796	4.3%	Green

Clark County, OH	39023 OH	5	134,083	Small metro	4,520	3,371	4.2%	Green
Clermont County, OH	39025 OH	5	206,428	Large fringe metro	5,934	2,875	3.3%	Green
Clinton County, OH	39027 OH	5	41,968	Micropolitan	837	1,994	2.7%	Green
Columbiana County, OH	39029 OH	5	101,883	Micropolitan	3,697	3,629	3.9%	Green
Coshocton County, OH	39031 OH	5	36,600	Micropolitan	871	2,380	2.1%	Green
Crawford County, OH	39033 OH	5	41,494	Micropolitan	1,400	3,374	4.3%	Green
Cuyahoga County, OH	39035 OH	5	1,235,072	Large central metro	68,533	5,549	4.1%	Green
Darke County, OH	39037 OH	5	51,113	Micropolitan	1,258	2,461	4.1%	Green
Defiance County, OH	39039 OH	5	38,087	Micropolitan	1,504	3,949	6.6%	Yellow
Delaware County, OH	39041 OH	5	209,177	Large fringe metro	6,816	3,258	2.7%	Green
Erie County, OH	39043 OH	5	74,266	Micropolitan	2,699	3,634	4.8%	Green
Fairfield County, OH	39045 OH	5	157,574	Large fringe metro	5,159	3,274	3.8%	Green
Fayette County, OH	39047 OH	5	28,525	Micropolitan	810	2,840	2.5%	Green
Franklin County, OH	39049 OH	5	1,316,756	Large central metro	64,634	4,909	2.8%	Green
Fulton County, OH	39051 OH	5	42,126	Medium metro	1,521	3,611	5.9%	Yellow
Gallia County, OH	39053 OH	5	29,898	Micropolitan	1,199	4,010	1.3%	Green
Geauga County, OH	39055 OH	5	93,649	Large fringe metro	3,304	3,528	1.8%	Green
Greene County, OH	39057 OH	5	168,937	Medium metro	4,421	2,617	4.8%	Green
Guernsey County, OH	39059 OH	5	38,875	Micropolitan	1,612	4,147	2.7%	Green
Hamilton County, OH	39061 OH	5	817,473	Large central metro	28,556	3,493	4.6%	Green
Hancock County, OH	39063 OH	5	75,783	Micropolitan	2,465	3,253	3.7%	Green
Hardin County, OH	39065 OH	5	31,365	Non-core	1,168	3,724	2.7%	Green
Harrison County, OH	39067 OH	5	15,040	Non-core	352	2,340	4.3%	Green
Henry County, OH	39069 OH	5	27,006	Non-core	723	2,677	4.6%	Green
Highland County, OH	39071 OH	5	43,161	Non-core	849	1,967	5.3%	Yellow
Hocking County, OH	39073 OH	5	28,264	Large fringe metro	766	2,710	3.4%	Green
Holmes County, OH	39075 OH	5	43,960	Non-core	755	1,717	5.4%	Yellow
Huron County, OH	39077 OH	5	58,266	Micropolitan	1,696	2,911	4.5%	Green
Jackson County, OH	39079 OH	5	32,413	Micropolitan	1,503	4,637	1.7%	Green
Jefferson County, OH	39081 OH	5	65,325	Small metro	2,310	3,536	5.4%	Yellow
Knox County, OH	39083 OH	5	62,322	Micropolitan	3,367	5,403	0.9%	Green
Lake County, OH	39085 OH	5	230,149	Large fringe metro	8,795	3,821	3.6%	Green
Lawrence County, OH	39087 OH	5	59,463	Medium metro	539	906	10.8%	Red
Licking County, OH	39089 OH	5	176,862	Large fringe metro	4,770	2,697	2.2%	Green
Logan County, OH	39091 OH	5	45,672	Micropolitan	1,342	2,938	2.8%	Green
Lorain County, OH	39093 OH	5	309,833	Large fringe metro	13,790	4,451	3.0%	Green
Lucas County, OH	39095 OH	5	428,348	Medium metro	16,704	3,900	7.4%	Yellow
Madison County, OH	39097 OH	5	44,731	Large fringe metro	1,769	3,955	4.1%	Green
Mahoning County, OH	39099 OH	5	228,683	Medium metro	9,392	4,107	3.8%	Green
Marion County, OH	39101 OH	5	65,093	Micropolitan	3,210	4,931	2.6%	Green
Medina County, OH	39103 OH	5	179,746	Large fringe metro	5,908	3,287	2.9%	Green
Meigs County, OH	39105 OH	5	22,907	Non-core	503	2,196	6.8%	Yellow

Mercer County, OH	39107 OH	5	41,172 Micropolitan	870	2,113	6.3%	Yellow
Miami County, OH	39109 OH	5	106,987 Medium metro	2,393	2,237	3.6%	Green
Monroe County, OH	39111 OH	5	13,654 Non-core	509	3,728	2.2%	Green
Montgomery County, OH	39113 OH	5	531,687 Medium metro	20,381	3,833	4.6%	Green
Morgan County, OH	39115 OH	5	14,508 Non-core	195	1,344	2.6%	Green
Morrow County, OH	39117 OH	5	35,328 Large fringe metro	806	2,281	6.7%	Yellow
Muskingum County, OH	39119 OH	5	86,215 Micropolitan	2,524	2,928	2.5%	Green
Noble County, OH	39121 OH	5	14,424 Non-core	428	2,967	0.9%	Green
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	1,034	2,552	6.1%	Yellow
Paulding County, OH	39125 OH	5	18,672 Non-core	599	3,208	4.7%	Green
Perry County, OH	39127 OH	5	36,134 Large fringe metro	1,206	3,338	1.6%	Green
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	4,093	7,002	2.1%	Green
Pike County, OH	39131 OH	5	27,772 Non-core	1,262	4,544	2.0%	Green
Portage County, OH	39133 OH	5	162,466 Medium metro	5,439	3,348	4.1%	Green
Preble County, OH	39135 OH	5	40,882 Non-core	1,421	3,476	3.2%	Green
Putnam County, OH	39137 OH	5	33,861 Non-core	564	1,666	5.1%	Yellow
Richland County, OH	39139 OH	5	121,154 Small metro	4,606	3,802	3.6%	Green
Ross County, OH	39141 OH	5	76,666 Micropolitan	4,047	5,279	2.7%	Green
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	2,041	3,488	3.5%	Green
Scioto County, OH	39145 OH	5	75,314 Micropolitan	1,884	2,502	3.6%	Green
Seneca County, OH	39147 OH	5	55,178 Micropolitan	2,678	4,853	2.8%	Green
Shelby County, OH	39149 OH	5	48,590 Micropolitan	1,225	2,521	2.5%	Green
Stark County, OH	39151 OH	5	370,606 Medium metro	14,744	3,978	3.3%	Green
Summit County, OH	39153 OH	5	541,013 Medium metro	20,051	3,706	4.8%	Green
Trumbull County, OH	39155 OH	5	197,974 Medium metro	6,398	3,232	4.3%	Green
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	2,876	3,127	2.5%	Green
Union County, OH	39159 OH	5	58,988 Large fringe metro	2,557	4,335	2.2%	Green
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	722	2,553	4.7%	Green
Vinton County, OH	39163 OH	5	13,085 Non-core	406	3,103	2.2%	Green
Warren County, OH	39165 OH	5	234,602 Large fringe metro	6,882	2,933	3.4%	Green
Washington County, OH	39167 OH	5	59,911 Micropolitan	1,559	2,602	2.5%	Green
Wayne County, OH	39169 OH	5	115,710 Micropolitan	4,799	4,147	1.9%	Green
Williams County, OH	39171 OH	5	36,692 Non-core	1,420	3,870	3.7%	Green
Wood County, OH	39173 OH	5	130,817 Medium metro	3,816	2,917	5.0%	Yellow
Wyandot County, OH	39175 OH	5	21,772 Non-core	673	3,091	3.0%	Green