

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%-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. Test positivity is rounded to the nearest tenth of a percent before classifying.

Percent Positive and Tests in prior 14 days:

Data from October 22-November 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.

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	276	996	5.1%	Yellow
Allen County, OH	39003	OH	5	102,351	Small metro	2,132	2,083	16.3%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	396	740	8.1%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	1,416	1,456	4.2%	Green
Athens County, OH	39009	OH	5	65,327	Micropolitan	538	824	10.0%	Yellow
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	613	1,343	22.8%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	969	1,446	8.7%	Yellow

Brown County, OH	39015 OH	5	43,432	Large fringe metro	486	1,119	8.8%	Yellow
Butler County, OH	39017 OH	5	383,134	Large fringe metro	2,476	646	16.6%	Red
Carroll County, OH	39019 OH	5	26,914	Medium metro	234	869	17.1%	Yellow
Champaign County, OH	39021 OH	5	38,885	Micropolitan	539	1,386	9.8%	Yellow
Clark County, OH	39023 OH	5	134,083	Small metro	2,161	1,612	8.7%	Yellow
Clermont County, OH	39025 OH	5	206,428	Large fringe metro	1,098	532	10.9%	Red
Clinton County, OH	39027 OH	5	41,968	Micropolitan	436	1,039	15.6%	Yellow
Columbiana County, OH	39029 OH	5	101,883	Micropolitan	2,341	2,298	6.5%	Yellow
Coshocton County, OH	39031 OH	5	36,600	Micropolitan	700	1,913	14.7%	Red
Crawford County, OH	39033 OH	5	41,494	Micropolitan	1,264	3,046	9.5%	Yellow
Cuyahoga County, OH	39035 OH	5	1,235,072	Large central metro	29,145	2,360	7.1%	Yellow
Darke County, OH	39037 OH	5	51,113	Micropolitan	781	1,528	17.2%	Red
Defiance County, OH	39039 OH	5	38,087	Micropolitan	791	2,077	18.2%	Red
Delaware County, OH	39041 OH	5	209,177	Large fringe metro	1,857	888	9.6%	Yellow
Erie County, OH	39043 OH	5	74,266	Micropolitan	2,331	3,139	6.5%	Yellow
Fairfield County, OH	39045 OH	5	157,574	Large fringe metro	1,783	1,132	8.9%	Yellow
Fayette County, OH	39047 OH	5	28,525	Micropolitan	765	2,682	11.8%	Red
Franklin County, OH	39049 OH	5	1,316,756	Large central metro	46,734	3,549	8.1%	Yellow
Fulton County, OH	39051 OH	5	42,126	Medium metro	808	1,918	14.1%	Red
Gallia County, OH	39053 OH	5	29,898	Micropolitan	1,915	6,405	8.0%	Yellow
Geauga County, OH	39055 OH	5	93,649	Large fringe metro	1,011	1,080	8.8%	Yellow
Greene County, OH	39057 OH	5	168,937	Medium metro	1,425	844	12.8%	Red
Guernsey County, OH	39059 OH	5	38,875	Micropolitan	1,026	2,639	11.8%	Red
Hamilton County, OH	39061 OH	5	817,473	Large central metro	33,844	4,140	8.8%	Yellow
Hancock County, OH	39063 OH	5	75,783	Micropolitan	1,577	2,081	15.9%	Red
Hardin County, OH	39065 OH	5	31,365	Non-core	279	890	18.6%	Yellow
Harrison County, OH	39067 OH	5	15,040	Non-core	59	392	6.8%	Yellow
Henry County, OH	39069 OH	5	27,006	Non-core	378	1,400	21.7%	Yellow
Highland County, OH	39071 OH	5	43,161	Non-core	677	1,569	11.4%	Red
Hocking County, OH	39073 OH	5	28,264	Large fringe metro	297	1,051	14.5%	Yellow
Holmes County, OH	39075 OH	5	43,960	Non-core	428	974	45.3%	Yellow
Huron County, OH	39077 OH	5	58,266	Micropolitan	1,446	2,482	4.8%	Green
Jackson County, OH	39079 OH	5	32,413	Micropolitan	84	259	9.5%	Yellow
Jefferson County, OH	39081 OH	5	65,325	Small metro	1,242	1,901	11.7%	Red
Knox County, OH	39083 OH	5	62,322	Micropolitan	431	692	11.1%	Yellow
Lake County, OH	39085 OH	5	230,149	Large fringe metro	3,303	1,435	10.7%	Red
Lawrence County, OH	39087 OH	5	59,463	Medium metro	503	846	7.0%	Yellow
Licking County, OH	39089 OH	5	176,862	Large fringe metro	1,939	1,096	10.7%	Red
Logan County, OH	39091 OH	5	45,672	Micropolitan	359	786	16.2%	Yellow

Lorain County, OH	39093 OH	5	309,833	Large fringe metro	3,984	1,286	5.4%	Yellow
Lucas County, OH	39095 OH	5	428,348	Medium metro	19,477	4,547	9.9%	Yellow
Madison County, OH	39097 OH	5	44,731	Large fringe metro	255	570	5.9%	Yellow
Mahoning County, OH	39099 OH	5	228,683	Medium metro	5,503	2,406	4.6%	Green
Marion County, OH	39101 OH	5	65,093	Micropolitan	702	1,078	11.1%	Red
Medina County, OH	39103 OH	5	179,746	Large fringe metro	2,490	1,385	6.2%	Yellow
Meigs County, OH	39105 OH	5	22,907	Non-core	104	454	8.7%	Yellow
Mercer County, OH	39107 OH	5	41,172	Micropolitan	203	493	21.2%	Yellow
Miami County, OH	39109 OH	5	106,987	Medium metro	409	382	16.1%	Yellow
Monroe County, OH	39111 OH	5	13,654	Non-core	185	1,355	9.7%	Yellow
Montgomery County, OH	39113 OH	5	531,687	Medium metro	13,206	2,484	11.3%	Red
Morgan County, OH	39115 OH	5	14,508	Non-core	98	675	3.1%	Green
Morrow County, OH	39117 OH	5	35,328	Large fringe metro	327	926	15.9%	Yellow
Muskingum County, OH	39119 OH	5	86,215	Micropolitan	764	886	5.9%	Yellow
Noble County, OH	39121 OH	5	14,424	Non-core	468	3,245	12.4%	Red
Ottawa County, OH	39123 OH	5	40,525	Micropolitan	847	2,090	10.2%	Red
Paulding County, OH	39125 OH	5	18,672	Non-core	297	1,591	17.5%	Yellow
Perry County, OH	39127 OH	5	36,134	Large fringe metro	333	922	7.5%	Yellow
Pickaway County, OH	39129 OH	5	58,457	Large fringe metro	557	953	9.3%	Yellow
Pike County, OH	39131 OH	5	27,772	Non-core	140	504	6.4%	Yellow
Portage County, OH	39133 OH	5	162,466	Medium metro	2,004	1,233	10.5%	Red
Preble County, OH	39135 OH	5	40,882	Non-core	390	954	23.8%	Yellow
Putnam County, OH	39137 OH	5	33,861	Non-core	602	1,778	26.6%	Red
Richland County, OH	39139 OH	5	121,154	Small metro	1,724	1,423	9.6%	Yellow
Ross County, OH	39141 OH	5	76,666	Micropolitan	1,132	1,477	8.3%	Yellow
Sandusky County, OH	39143 OH	5	58,518	Micropolitan	1,542	2,635	8.2%	Yellow
Scioto County, OH	39145 OH	5	75,314	Micropolitan	3,866	5,133	7.2%	Yellow
Seneca County, OH	39147 OH	5	55,178	Micropolitan	1,894	3,433	6.1%	Yellow
Shelby County, OH	39149 OH	5	48,590	Micropolitan	126	259	26.2%	Yellow
Stark County, OH	39151 OH	5	370,606	Medium metro	4,164	1,124	7.4%	Yellow
Summit County, OH	39153 OH	5	541,013	Medium metro	9,929	1,835	9.2%	Yellow
Trumbull County, OH	39155 OH	5	197,974	Medium metro	4,471	2,258	7.3%	Yellow
Tuscarawas County, OH	39157 OH	5	91,987	Micropolitan	503	547	9.9%	Yellow
Union County, OH	39159 OH	5	58,988	Large fringe metro	1,120	1,899	12.5%	Red
Van Wert County, OH	39161 OH	5	28,275	Micropolitan	396	1,401	19.4%	Yellow
Vinton County, OH	39163 OH	5	13,085	Non-core	46	352	6.5%	Yellow
Warren County, OH	39165 OH	5	234,602	Large fringe metro	1,598	681	14.3%	Red
Washington County, OH	39167 OH	5	59,911	Micropolitan	1,606	2,681	9.3%	Yellow
Wayne County, OH	39169 OH	5	115,710	Micropolitan	2,301	1,989	15.9%	Red

Williams County, OH	39171 OH	5	36,692 Non-core	556	1,515	14.2%	Red
Wood County, OH	39173 OH	5	130,817 Medium metro	2,495	1,907	6.0%	Yellow
Wyandot County, OH	39175 OH	5	21,772 Non-core	153	703	10.5%	Yellow