

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 January 7-January 20

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 (CELRS) 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 CT and SD 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	212	765	17.0%	Yellow
Allen County, OH	39003	OH	5	102,351	Small metro	1,628	1,591	23.3%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	307	574	16.0%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	957	984	13.0%	Red
Athens County, OH	39009	OH	5	65,327	Micropolitan	486	744	13.0%	Yellow
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	657	1,439	20.1%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	1,430	2,134	18.5%	Red
Brown County, OH	39015	OH	5	43,432	Large fringe metro	631	1,453	23.3%	Red
Butler County, OH	39017	OH	5	383,134	Large fringe metro	2,580	673	22.9%	Red

Carroll County, OH	39019 OH	5	26,914	Medium metro	256	951	27.7%	Yellow
Champaign County, OH	39021 OH	5	38,885	Micropolitan	686	1,764	21.4%	Red
Clark County, OH	39023 OH	5	134,083	Small metro	2,608	1,945	12.2%	Red
Clermont County, OH	39025 OH	5	206,428	Large fringe metro	2,436	1,180	23.2%	Red
Clinton County, OH	39027 OH	5	41,968	Micropolitan	480	1,144	18.1%	Yellow
Columbiana County, OH	39029 OH	5	101,883	Micropolitan	2,396	2,352	11.8%	Red
Coshocton County, OH	39031 OH	5	36,600	Micropolitan	751	2,052	11.9%	Red
Crawford County, OH	39033 OH	5	41,494	Micropolitan	1,074	2,588	18.1%	Red
Cuyahoga County, OH	39035 OH	5	1,235,072	Large central metro	18,322	1,483	17.4%	Red
Darke County, OH	39037 OH	5	51,113	Micropolitan	649	1,270	21.1%	Red
Defiance County, OH	39039 OH	5	38,087	Micropolitan	594	1,560	26.4%	Red
Delaware County, OH	39041 OH	5	209,177	Large fringe metro	842	403	17.7%	Red
Erie County, OH	39043 OH	5	74,266	Micropolitan	1,864	2,510	12.4%	Red
Fairfield County, OH	39045 OH	5	157,574	Large fringe metro	1,265	803	6.6%	Yellow
Fayette County, OH	39047 OH	5	28,525	Micropolitan	1,109	3,888	23.3%	Red
Franklin County, OH	39049 OH	5	1,316,756	Large central metro	41,415	3,145	12.3%	Red
Fulton County, OH	39051 OH	5	42,126	Medium metro	667	1,583	21.0%	Red
Gallia County, OH	39053 OH	5	29,898	Micropolitan	2,237	7,482	17.5%	Red
Geauga County, OH	39055 OH	5	93,649	Large fringe metro	933	996	20.6%	Red
Greene County, OH	39057 OH	5	168,937	Medium metro	1,442	854	22.6%	Red
Guernsey County, OH	39059 OH	5	38,875	Micropolitan	800	2,058	16.0%	Red
Hamilton County, OH	39061 OH	5	817,473	Large central metro	32,241	3,944	15.6%	Red
Hancock County, OH	39063 OH	5	75,783	Micropolitan	732	966	12.8%	Red
Hardin County, OH	39065 OH	5	31,365	Non-core	309	985	15.2%	Yellow
Harrison County, OH	39067 OH	5	15,040	Non-core	102	678	15.7%	Yellow
Henry County, OH	39069 OH	5	27,006	Non-core	413	1,529	20.8%	Yellow
Highland County, OH	39071 OH	5	43,161	Non-core	497	1,152	21.3%	Yellow
Hocking County, OH	39073 OH	5	28,264	Large fringe metro	165	584	21.2%	Yellow
Holmes County, OH	39075 OH	5	43,960	Non-core	182	414	16.5%	Yellow
Huron County, OH	39077 OH	5	58,266	Micropolitan	1,098	1,884	21.5%	Red
Jackson County, OH	39079 OH	5	32,413	Micropolitan	196	605	16.3%	Yellow
Jefferson County, OH	39081 OH	5	65,325	Small metro	2,338	3,579	19.9%	Red
Knox County, OH	39083 OH	5	62,322	Micropolitan	372	597	15.3%	Yellow
Lake County, OH	39085 OH	5	230,149	Large fringe metro	4,657	2,023	16.6%	Red
Lawrence County, OH	39087 OH	5	59,463	Medium metro	417	701	7.9%	Yellow
Licking County, OH	39089 OH	5	176,862	Large fringe metro	1,511	854	29.2%	Red
Logan County, OH	39091 OH	5	45,672	Micropolitan	558	1,222	21.5%	Red
Lorain County, OH	39093 OH	5	309,833	Large fringe metro	4,209	1,358	14.4%	Red
Lucas County, OH	39095 OH	5	428,348	Medium metro	19,240	4,492	14.0%	Red
Madison County, OH	39097 OH	5	44,731	Large fringe metro	260	581	16.5%	Yellow
Mahoning County, OH	39099 OH	5	228,683	Medium metro	5,285	2,311	5.8%	Yellow

Marion County, OH	39101 OH	5	65,093	Micropolitan	564	866	10.5%	Red
Medina County, OH	39103 OH	5	179,746	Large fringe metro	1,062	591	23.2%	Red
Meigs County, OH	39105 OH	5	22,907	Non-core	103	450	14.6%	Yellow
Mercer County, OH	39107 OH	5	41,172	Micropolitan	601	1,460	26.3%	Red
Miami County, OH	39109 OH	5	106,987	Medium metro	406	379	21.7%	Yellow
Monroe County, OH	39111 OH	5	13,654	Non-core	178	1,304	24.2%	Yellow
Montgomery County, OH	39113 OH	5	531,687	Medium metro	14,282	2,686	15.6%	Red
Morgan County, OH	39115 OH	5	14,508	Non-core	160	1,103	21.9%	Yellow
Morrow County, OH	39117 OH	5	35,328	Large fringe metro	219	620	19.6%	Yellow
Muskingum County, OH	39119 OH	5	86,215	Micropolitan	743	862	18.4%	Red
Noble County, OH	39121 OH	5	14,424	Non-core	224	1,553	21.0%	Yellow
Ottawa County, OH	39123 OH	5	40,525	Micropolitan	515	1,271	17.9%	Red
Paulding County, OH	39125 OH	5	18,672	Non-core	188	1,007	21.8%	Yellow
Perry County, OH	39127 OH	5	36,134	Large fringe metro	260	720	16.5%	Yellow
Pickaway County, OH	39129 OH	5	58,457	Large fringe metro	705	1,206	18.3%	Red
Pike County, OH	39131 OH	5	27,772	Non-core	341	1,228	25.5%	Yellow
Portage County, OH	39133 OH	5	162,466	Medium metro	2,035	1,253	19.1%	Red
Preble County, OH	39135 OH	5	40,882	Non-core	311	761	23.8%	Yellow
Putnam County, OH	39137 OH	5	33,861	Non-core	369	1,090	23.6%	Yellow
Richland County, OH	39139 OH	5	121,154	Small metro	1,423	1,175	14.8%	Red
Ross County, OH	39141 OH	5	76,666	Micropolitan	1,816	2,369	16.1%	Red
Sandusky County, OH	39143 OH	5	58,518	Micropolitan	809	1,382	13.7%	Red
Scioto County, OH	39145 OH	5	75,314	Micropolitan	4,186	5,558	12.0%	Red
Seneca County, OH	39147 OH	5	55,178	Micropolitan	1,192	2,160	10.1%	Red
Shelby County, OH	39149 OH	5	48,590	Micropolitan	201	414	25.9%	Yellow
Stark County, OH	39151 OH	5	370,606	Medium metro	1,963	530	25.4%	Red
Summit County, OH	39153 OH	5	541,013	Medium metro	8,993	1,662	23.1%	Red
Trumbull County, OH	39155 OH	5	197,974	Medium metro	3,003	1,517	13.8%	Red
Tuscarawas County, OH	39157 OH	5	91,987	Micropolitan	394	428	18.0%	Yellow
Union County, OH	39159 OH	5	58,988	Large fringe metro	1,173	1,989	15.4%	Red
Van Wert County, OH	39161 OH	5	28,275	Micropolitan	364	1,287	24.2%	Yellow
Vinton County, OH	39163 OH	5	13,085	Non-core	73	558	24.7%	Yellow
Warren County, OH	39165 OH	5	234,602	Large fringe metro	1,802	768	24.3%	Red
Washington County, OH	39167 OH	5	59,911	Micropolitan	2,062	3,442	17.0%	Red
Wayne County, OH	39169 OH	5	115,710	Micropolitan	963	832	23.9%	Red
Williams County, OH	39171 OH	5	36,692	Non-core	526	1,434	17.7%	Red
Wood County, OH	39173 OH	5	130,817	Medium metro	1,665	1,273	17.1%	Red
Wyandot County, OH	39175 OH	5	21,772	Non-core	104	478	10.6%	Yellow