

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 September 17-September 30

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	Ohio PHAS	Ohio Mismatch County
Adams County, OH	39001	OH	5	27,698	Non-core	444	1,603	0.9%	Green	Orange	no
Allen County, OH	39003	OH	5	102,351	Small metro	1,745	1,705	4.1%	Green	Orange	no
Ashland County, OH	39005	OH	5	53,484	Micropolitan	166	310	4.8%	Green	Red	YES
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	1,403	1,443	0.6%	Green	Yellow	no
Athens County, OH	39009	OH	5	65,327	Micropolitan	468	716	11.1%	Yellow	Orange	no
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	854	1,871	1.9%	Green	Orange	no
Belmont County, OH	39013	OH	5	67,006	Small metro	655	978	1.7%	Green	Yellow	no
Brown County, OH	39015	OH	5	43,432	Large fringe metro	441	1,015	1.8%	Green	Yellow	no
Butler County, OH	39017	OH	5	383,134	Large fringe metro	1,216	317	7.5%	Yellow	Red	no
Carroll County, OH	39019	OH	5	26,914	Medium metro	57	212	1.8%	Green	Yellow	no
Champaign County, OH	39021	OH	5	38,885	Micropolitan	337	867	2.7%	Green	Orange	no
Clark County, OH	39023	OH	5	134,083	Small metro	1,576	1,175	2.9%	Green	Orange	no
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	972	471	2.3%	Green	Red	YES
Clinton County, OH	39027	OH	5	41,968	Micropolitan	281	670	2.5%	Green	Orange	no
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	1,673	1,642	2.1%	Green	Orange	no
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	238	650	0.8%	Green	Orange	no
Crawford County, OH	39033	OH	5	41,494	Micropolitan	679	1,636	3.2%	Green	Orange	no

Cuyahoga County, OH	39035 OH	5	1,235,072	Large central metro	39,899	3,230	2.4%	Green	Orange	no
Darke County, OH	39037 OH	5	51,113	Micropolitan	534	1,045	6.2%	Yellow	Orange	no
Defiance County, OH	39039 OH	5	38,087	Micropolitan	765	2,009	3.3%	Green	Orange	no
Delaware County, OH	39041 OH	5	209,177	Large fringe metro	1,332	637	6.8%	Yellow	Orange	no
Erie County, OH	39043 OH	5	74,266	Micropolitan	1,851	2,492	2.5%	Green	Orange	no
Fairfield County, OH	39045 OH	5	157,574	Large fringe metro	892	566	4.0%	Green	Orange	no
Fayette County, OH	39047 OH	5	28,525	Micropolitan	298	1,045	2.3%	Green	Orange	no
Franklin County, OH	39049 OH	5	1,316,756	Large central metro	32,434	2,463	4.2%	Green	Orange	no
Fulton County, OH	39051 OH	5	42,126	Medium metro	1,307	3,103	5.0%	Yellow	Orange	no
Gallia County, OH	39053 OH	5	29,898	Micropolitan	1,287	4,305	3.8%	Green	Orange	no
Geauga County, OH	39055 OH	5	93,649	Large fringe metro	818	873	0.9%	Green	Yellow	no
Greene County, OH	39057 OH	5	168,937	Medium metro	477	282	7.3%	Yellow	Orange	no
Guernsey County, OH	39059 OH	5	38,875	Micropolitan	627	1,613	2.2%	Green	Yellow	no
Hamilton County, OH	39061 OH	5	817,473	Large central metro	29,123	3,563	2.8%	Green	Red	YES
Hancock County, OH	39063 OH	5	75,783	Micropolitan	1,216	1,605	5.8%	Yellow	Orange	no
Hardin County, OH	39065 OH	5	31,365	Non-core	206	657	3.4%	Green	Orange	no
Harrison County, OH	39067 OH	5	15,040	Non-core	41	273	4.9%	Green	Yellow	no
Henry County, OH	39069 OH	5	27,006	Non-core	510	1,888	5.1%	Yellow	Orange	no
Highland County, OH	39071 OH	5	43,161	Non-core	626	1,450	0.6%	Green	Yellow	no
Hocking County, OH	39073 OH	5	28,264	Large fringe metro	156	552	3.8%	Green	Yellow	no
Holmes County, OH	39075 OH	5	43,960	Non-core	127	289	10.2%	Yellow	Orange	no
Huron County, OH	39077 OH	5	58,266	Micropolitan	951	1,632	1.9%	Green	Orange	no
Jackson County, OH	39079 OH	5	32,413	Micropolitan	153	472	4.6%	Green	Orange	no
Jefferson County, OH	39081 OH	5	65,325	Small metro	533	816	3.8%	Green	Yellow	no
Knox County, OH	39083 OH	5	62,322	Micropolitan	346	555	2.3%	Green	Yellow	no
Lake County, OH	39085 OH	5	230,149	Large fringe metro	2,808	1,220	2.4%	Green	Orange	no
Lawrence County, OH	39087 OH	5	59,463	Medium metro	364	612	3.3%	Green	Orange	no
Licking County, OH	39089 OH	5	176,862	Large fringe metro	1,479	836	3.7%	Green	Orange	no
Logan County, OH	39091 OH	5	45,672	Micropolitan	665	1,456	1.5%	Green	Yellow	no
Lorain County, OH	39093 OH	5	309,833	Large fringe metro	4,193	1,353	1.2%	Green	Orange	no
Lucas County, OH	39095 OH	5	428,348	Medium metro	14,537	3,394	3.3%	Green	Orange	no
Madison County, OH	39097 OH	5	44,731	Large fringe metro	333	744	6.3%	Yellow	Orange	no
Mahoning County, OH	39099 OH	5	228,683	Medium metro	3,462	1,514	2.2%	Green	Orange	no
Marion County, OH	39101 OH	5	65,093	Micropolitan	968	1,487	3.5%	Green	Orange	no
Medina County, OH	39103 OH	5	179,746	Large fringe metro	1,407	783	2.3%	Green	Yellow	no
Meigs County, OH	39105 OH	5	22,907	Non-core	184	803	1.1%	Green	Yellow	no
Mercer County, OH	39107 OH	5	41,172	Micropolitan	576	1,399	3.3%	Green	Red	YES
Miami County, OH	39109 OH	5	106,987	Medium metro	229	214	10.9%	Yellow	Orange	no
Monroe County, OH	39111 OH	5	13,654	Non-core	189	1,384	1.1%	Green	Yellow	no
Montgomery County, OH	39113 OH	5	531,687	Medium metro	9,951	1,872	4.1%	Green	Red	YES
Morgan County, OH	39115 OH	5	14,508	Non-core	60	414	1.7%	Green	Yellow	no
Morrow County, OH	39117 OH	5	35,328	Large fringe metro	212	600	0.9%	Green	Yellow	no
Muskingum County, OH	39119 OH	5	86,215	Micropolitan	1,156	1,341	6.6%	Yellow	Red	no
Noble County, OH	39121 OH	5	14,424	Non-core	361	2,503	3.0%	Green	Orange	no
Ottawa County, OH	39123 OH	5	40,525	Micropolitan	435	1,073	1.1%	Green	Yellow	no

Paulding County, OH	39125 OH	5	18,672 Non-core	230	1,232	3.9%	Green	Orange	no
Perry County, OH	39127 OH	5	36,134 Large fringe metro	351	971	2.6%	Green	Yellow	no
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	457	782	3.7%	Green	Yellow	no
Pike County, OH	39131 OH	5	27,772 Non-core	292	1,051	6.2%	Yellow	Red	no
Portage County, OH	39133 OH	5	162,466 Medium metro	1,412	869	5.1%	Yellow	Orange	no
Preble County, OH	39135 OH	5	40,882 Non-core	114	279	7.0%	Yellow	Orange	no
Putnam County, OH	39137 OH	5	33,861 Non-core	529	1,562	11.3%	Red	Red	no
Richland County, OH	39139 OH	5	121,154 Small metro	851	702	11.8%	Red	Red	no
Ross County, OH	39141 OH	5	76,666 Micropolitan	1,327	1,731	3.8%	Green	Orange	no
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	1,157	1,977	2.0%	Green	Orange	no
Scioto County, OH	39145 OH	5	75,314 Micropolitan	1,926	2,557	6.6%	Yellow	Red	no
Seneca County, OH	39147 OH	5	55,178 Micropolitan	1,489	2,699	1.9%	Green	Orange	no
Shelby County, OH	39149 OH	5	48,590 Micropolitan	126	259	4.8%	Green	Yellow	no
Stark County, OH	39151 OH	5	370,606 Medium metro	4,141	1,117	2.5%	Green	Orange	no
Summit County, OH	39153 OH	5	541,013 Medium metro	6,229	1,151	4.3%	Green	Orange	no
Trumbull County, OH	39155 OH	5	197,974 Medium metro	2,939	1,485	1.8%	Green	Yellow	no
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	293	319	3.8%	Green	Orange	no
Union County, OH	39159 OH	5	58,988 Large fringe metro	710	1,204	8.2%	Yellow	Orange	no
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	419	1,482	2.4%	Green	Yellow	no
Vinton County, OH	39163 OH	5	13,085 Non-core	62	474	0.0%	Green	Yellow	no
Warren County, OH	39165 OH	5	234,602 Large fringe metro	769	328	4.4%	Green	Orange	no
Washington County, OH	39167 OH	5	59,911 Micropolitan	596	995	3.0%	Green	Orange	no
Wayne County, OH	39169 OH	5	115,710 Micropolitan	1,696	1,466	2.7%	Green	Yellow	no
Williams County, OH	39171 OH	5	36,692 Non-core	771	2,101	2.9%	Green	Orange	no
Wood County, OH	39173 OH	5	130,817 Medium metro	3,284	2,510	6.2%	Yellow	Orange	no
Wyandot County, OH	39175 OH	5	21,772 Non-core	282	1,295	2.1%	Green	Yellow	no