

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 8-October 21

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		27,698	Non-core	187	675	3.7%	Green
Allen County, OH	39003	OH		102,351	Small metro	1,665	1,627	14.4%	Red
Ashland County, OH	39005	OH		53,484	Micropolitan	260	486	3.1%	Green
Ashtabula County, OH	39007	OH		97,241	Micropolitan	744	765	1.7%	Green
Athens County, OH	39009	OH		65,327	Micropolitan	586	897	8.2%	Yellow
Auglaize County, OH	39011	OH		45,656	Micropolitan	396	867	14.4%	Yellow
Belmont County, OH	39013	OH		67,006	Small metro	732	1,092	5.1%	Yellow

Brown County, OH	39015 OH	5	43,432 Large fringe metro	560	1,289	4.8%	Green
Butler County, OH	39017 OH	5	383,134 Large fringe metro	1,659	433	11.3%	Red
Carroll County, OH	39019 OH	5	26,914 Medium metro	56	208	5.4%	Yellow
Champaign County, OH	39021 OH	5	38,885 Micropolitan	485	1,247	4.7%	Green
Clark County, OH	39023 OH	5	134,083 Small metro	1,950	1,454	4.3%	Green
Clermont County, OH	39025 OH	5	206,428 Large fringe metro	970	470	6.4%	Yellow
Clinton County, OH	39027 OH	5	41,968 Micropolitan	438	1,044	6.6%	Yellow
Columbiana County, OH	39029 OH	5	101,883 Micropolitan	2,034	1,996	4.0%	Green
Coshocton County, OH	39031 OH	5	36,600 Micropolitan	354	967	9.6%	Yellow
Crawford County, OH	39033 OH	5	41,494 Micropolitan	867	2,089	9.3%	Yellow
Cuyahoga County, OH	39035 OH	5	1,235,072 Large central metro	30,361	2,458	4.5%	Green
Darke County, OH	39037 OH	5	51,113 Micropolitan	763	1,493	11.0%	Red
Defiance County, OH	39039 OH	5	38,087 Micropolitan	561	1,473	8.9%	Yellow
Delaware County, OH	39041 OH	5	209,177 Large fringe metro	1,685	806	6.2%	Yellow
Erie County, OH	39043 OH	5	74,266 Micropolitan	1,848	2,488	4.9%	Green
Fairfield County, OH	39045 OH	5	157,574 Large fringe metro	1,572	998	3.8%	Green
Fayette County, OH	39047 OH	5	28,525 Micropolitan	6,742	23,635	6.7%	Yellow
Franklin County, OH	39049 OH	5	1,316,756 Large central metro	34,479	2,618	5.5%	Yellow
Fulton County, OH	39051 OH	5	42,126 Medium metro	948	2,250	11.4%	Red
Gallia County, OH	39053 OH	5	29,898 Micropolitan	1,817	6,077	6.7%	Yellow
Geauga County, OH	39055 OH	5	93,649 Large fringe metro	645	689	5.3%	Yellow
Greene County, OH	39057 OH	5	168,937 Medium metro	849	503	11.7%	Red
Guernsey County, OH	39059 OH	5	38,875 Micropolitan	829	2,132	10.1%	Red
Hamilton County, OH	39061 OH	5	817,473 Large central metro	31,925	3,905	6.1%	Yellow
Hancock County, OH	39063 OH	5	75,783 Micropolitan	1,190	1,570	9.4%	Yellow
Hardin County, OH	39065 OH	5	31,365 Non-core	216	689	6.0%	Yellow
Harrison County, OH	39067 OH	5	15,040 Non-core	37	246	8.1%	Yellow
Henry County, OH	39069 OH	5	27,006 Non-core	389	1,440	10.8%	Yellow
Highland County, OH	39071 OH	5	43,161 Non-core	509	1,179	7.9%	Yellow
Hocking County, OH	39073 OH	5	28,264 Large fringe metro	197	697	1.5%	Green
Holmes County, OH	39075 OH	5	43,960 Non-core	258	587	34.9%	Yellow
Huron County, OH	39077 OH	5	58,266 Micropolitan	1,494	2,564	2.3%	Green
Jackson County, OH	39079 OH	5	32,413 Micropolitan	103	318	5.8%	Yellow
Jefferson County, OH	39081 OH	5	65,325 Small metro	353	540	3.1%	Green
Knox County, OH	39083 OH	5	62,322 Micropolitan	305	489	4.6%	Green
Lake County, OH	39085 OH	5	230,149 Large fringe metro	2,317	1,007	4.5%	Green
Lawrence County, OH	39087 OH	5	59,463 Medium metro	348	585	4.9%	Green
Licking County, OH	39089 OH	5	176,862 Large fringe metro	2,013	1,138	9.7%	Yellow
Logan County, OH	39091 OH	5	45,672 Micropolitan	425	931	5.4%	Yellow

Lorain County, OH	39093 OH	5	309,833	Large fringe metro	3,088	997	2.9%	Green
Lucas County, OH	39095 OH	5	428,348	Medium metro	16,056	3,748	4.9%	Green
Madison County, OH	39097 OH	5	44,731	Large fringe metro	244	545	6.1%	Yellow
Mahoning County, OH	39099 OH	5	228,683	Medium metro	4,961	2,169	2.6%	Green
Marion County, OH	39101 OH	5	65,093	Micropolitan	624	959	9.1%	Yellow
Medina County, OH	39103 OH	5	179,746	Large fringe metro	1,496	832	4.0%	Green
Meigs County, OH	39105 OH	5	22,907	Non-core	124	541	3.2%	Green
Mercer County, OH	39107 OH	5	41,172	Micropolitan	156	379	14.7%	Yellow
Miami County, OH	39109 OH	5	106,987	Medium metro	309	289	12.3%	Yellow
Monroe County, OH	39111 OH	5	13,654	Non-core	140	1,025	8.6%	Yellow
Montgomery County, OH	39113 OH	5	531,687	Medium metro	11,702	2,201	7.1%	Yellow
Morgan County, OH	39115 OH	5	14,508	Non-core	96	662	6.2%	Yellow
Morrow County, OH	39117 OH	5	35,328	Large fringe metro	212	600	6.6%	Yellow
Muskingum County, OH	39119 OH	5	86,215	Micropolitan	1,249	1,449	8.2%	Yellow
Noble County, OH	39121 OH	5	14,424	Non-core	436	3,023	2.8%	Green
Ottawa County, OH	39123 OH	5	40,525	Micropolitan	462	1,140	6.5%	Yellow
Paulding County, OH	39125 OH	5	18,672	Non-core	238	1,275	13.4%	Yellow
Perry County, OH	39127 OH	5	36,134	Large fringe metro	412	1,140	3.2%	Green
Pickaway County, OH	39129 OH	5	58,457	Large fringe metro	417	713	6.0%	Yellow
Pike County, OH	39131 OH	5	27,772	Non-core	166	598	3.6%	Green
Portage County, OH	39133 OH	5	162,466	Medium metro	1,714	1,055	8.5%	Yellow
Preble County, OH	39135 OH	5	40,882	Non-core	188	460	17.0%	Yellow
Putnam County, OH	39137 OH	5	33,861	Non-core	588	1,737	20.6%	Red
Richland County, OH	39139 OH	5	121,154	Small metro	1,372	1,132	6.6%	Yellow
Ross County, OH	39141 OH	5	76,666	Micropolitan	1,268	1,654	6.0%	Yellow
Sandusky County, OH	39143 OH	5	58,518	Micropolitan	1,189	2,032	5.6%	Yellow
Scioto County, OH	39145 OH	5	75,314	Micropolitan	4,137	5,493	5.5%	Yellow
Seneca County, OH	39147 OH	5	55,178	Micropolitan	1,420	2,573	2.6%	Green
Shelby County, OH	39149 OH	5	48,590	Micropolitan	86	177	12.8%	Yellow
Stark County, OH	39151 OH	5	370,606	Medium metro	4,089	1,103	6.1%	Yellow
Summit County, OH	39153 OH	5	541,013	Medium metro	7,230	1,336	9.6%	Yellow
Trumbull County, OH	39155 OH	5	197,974	Medium metro	3,173	1,603	4.1%	Green
Tuscarawas County, OH	39157 OH	5	91,987	Micropolitan	207	225	13.0%	Yellow
Union County, OH	39159 OH	5	58,988	Large fringe metro	910	1,543	5.7%	Yellow
Van Wert County, OH	39161 OH	5	28,275	Micropolitan	324	1,146	18.8%	Yellow
Vinton County, OH	39163 OH	5	13,085	Non-core	46	352	0.0%	Green
Warren County, OH	39165 OH	5	234,602	Large fringe metro	1,095	467	9.5%	Yellow
Washington County, OH	39167 OH	5	59,911	Micropolitan	1,164	1,943	6.1%	Yellow
Wayne County, OH	39169 OH	5	115,710	Micropolitan	1,776	1,535	10.6%	Red

Williams County, OH	39171 OH	5	36,692 Non-core	585	1,594	8.5%	Yellow
Wood County, OH	39173 OH	5	130,817 Medium metro	2,896	2,214	5.8%	Yellow
Wyandot County, OH	39175 OH	5	21,772 Non-core	118	542	3.4%	Green