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. 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 October 29-November 11

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 grey have not submitted testing data for this time period. Please continue to use the previous color positivity classification for these counties. Previous color positivity classifications can be found through the link to the archived files.

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	465	1,679	8.8%	Yellow
Allen County, OH	39003	OH	5	102,351	Small metro	2,453	2,397	19.3%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	389	727	6.4%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	1,697	1,745	5.8%	Yellow
Athens County, OH	39009	OH	5	65,327	Micropolitan	582	891	8.9%	Yellow
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	677	1,483	26.9%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	1,224	1,827	14.1%	Red
Brown County, OH	39015	OH	5	43,432	Large fringe metro	614	1,414	10.7%	Red

County	FIPS	State		Population	Category			%	Color
Butler County, OH	39017	OH	5	383,134	Large fringe metro	2,963	773	18.9%	Red
Carroll County, OH	39019	OH	5	26,914	Medium metro	206	765	15.5%	Yellow
Champaign County, OH	39021	OH	5	38,885	Micropolitan	639	1,643	15.0%	Red
Clark County, OH	39023	OH	5	134,083	Small metro	2,301	1,716	11.5%	Red
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	1,508	731	15.8%	Red
Clinton County, OH	39027	OH	5	41,968	Micropolitan	529	1,260	15.3%	Red
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	2,890	2,837	8.8%	Yellow
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	945	2,582	16.2%	Red
Crawford County, OH	39033	OH	5	41,494	Micropolitan	1,467	3,535	12.8%	Red
Cuyahoga County, OH	39035	OH	5	1,235,072	Large central metro	25,163	2,037	10.1%	Red
Darke County, OH	39037	OH	5	51,113	Micropolitan	956	1,870	21.1%	Red
Defiance County, OH	39039	OH	5	38,087	Micropolitan	1,006	2,641	20.8%	Red
Delaware County, OH	39041	OH	5	209,177	Large fringe metro	2,041	976	11.0%	Red
Erie County, OH	39043	OH	5	74,266	Micropolitan	2,686	3,617	9.2%	Yellow
Fairfield County, OH	39045	OH	5	157,574	Large fringe metro	1,625	1,031	7.8%	Yellow
Fayette County, OH	39047	OH	5	28,525	Micropolitan	780	2,734	14.9%	Red
Franklin County, OH	39049	OH	5	1,316,756	Large central metro	40,205	3,053	10.6%	Red
Fulton County, OH	39051	OH	5	42,126	Medium metro	1,059	2,514	16.7%	Red
Gallia County, OH	39053	OH	5	29,898	Micropolitan	2,241	7,495	10.6%	Red
Geauga County, OH	39055	OH	5	93,649	Large fringe metro	1,241	1,325	9.9%	Yellow
Greene County, OH	39057	OH	5	168,937	Medium metro	1,283	759	18.4%	Red
Guernsey County, OH	39059	OH	5	38,875	Micropolitan	955	2,457	13.1%	Red
Hamilton County, OH	39061	OH	5	817,473	Large central metro	37,103	4,539	11.0%	Red
Hancock County, OH	39063	OH	5	75,783	Micropolitan	2,038	2,689	17.8%	Red
Hardin County, OH	39065	OH	5	31,365	Non-core	337	1,074	18.1%	Yellow
Harrison County, OH	39067	OH	5	15,040	Non-core	69	459	11.6%	Yellow
Henry County, OH	39069	OH	5	27,006	Non-core	517	1,914	15.1%	Red
Highland County, OH	39071	OH	5	43,161	Non-core	642	1,487	12.5%	Red
Hocking County, OH	39073	OH	5	28,264	Large fringe metro	436	1,543	25.2%	Yellow
Holmes County, OH	39075	OH	5	43,960	Non-core	415	944	38.8%	Yellow
Huron County, OH	39077	OH	5	58,266	Micropolitan	1,743	2,991	9.4%	Yellow
Jackson County, OH	39079	OH	5	32,413	Micropolitan	90	278	4.4%	Green
Jefferson County, OH	39081	OH	5	65,325	Small metro	1,513	2,316	14.9%	Red
Knox County, OH	39083	OH	5	62,322	Micropolitan	567	910	10.8%	Red
Lake County, OH	39085	OH	5	230,149	Large fringe metro	4,366	1,897	14.7%	Red
Lawrence County, OH	39087	OH	5	59,463	Medium metro	565	950	7.6%	Yellow
Licking County, OH	39089	OH	5	176,862	Large fringe metro	2,050	1,159	14.7%	Red
Logan County, OH	39091	OH	5	45,672	Micropolitan	450	985	23.6%	Yellow
Lorain County, OH	39093	OH	5	309,833	Large fringe metro	5,413	1,747	7.8%	Yellow
Lucas County, OH	39095	OH	5	428,348	Medium metro	23,032	5,377	14.6%	Red

County	FIPS	State	Code	Population	Category	Value1	Value2	Percent	Status
Madison County, OH	39097	OH	5	44,731	Large fringe metro	234	523	9.8%	Yellow
Mahoning County, OH	39099	OH	5	228,683	Medium metro	6,585	2,880	5.7%	Yellow
Marion County, OH	39101	OH	5	65,093	Micropolitan	1,069	1,642	11.4%	Red
Medina County, OH	39103	OH	5	179,746	Large fringe metro	2,381	1,325	8.1%	Yellow
Meigs County, OH	39105	OH	5	22,907	Non-core	122	533	3.3%	Green
Mercer County, OH	39107	OH	5	41,172	Micropolitan	348	845	27.3%	Yellow
Miami County, OH	39109	OH	5	106,987	Medium metro	555	519	26.8%	Red
Monroe County, OH	39111	OH	5	13,654	Non-core	204	1,494	6.9%	Yellow
Montgomery County, OH	39113	OH	5	531,687	Medium metro	14,908	2,804	14.8%	Red
Morgan County, OH	39115	OH	5	14,508	Non-core	105	724	4.8%	Green
Morrow County, OH	39117	OH	5	35,328	Large fringe metro	461	1,305	13.4%	Yellow
Muskingum County, OH	39119	OH	5	86,215	Micropolitan	722	837	7.6%	Yellow
Noble County, OH	39121	OH	5	14,424	Non-core	323	2,239	17.0%	Red
Ottawa County, OH	39123	OH	5	40,525	Micropolitan	995	2,455	12.4%	Red
Paulding County, OH	39125	OH	5	18,672	Non-core	551	2,951	12.3%	Red
Perry County, OH	39127	OH	5	36,134	Large fringe metro	319	883	10.0%	Yellow
Pickaway County, OH	39129	OH	5	58,457	Large fringe metro	756	1,293	10.8%	Red
Pike County, OH	39131	OH	5	27,772	Non-core	193	695	8.3%	Yellow
Portage County, OH	39133	OH	5	162,466	Medium metro	2,153	1,325	11.4%	Red
Preble County, OH	39135	OH	5	40,882	Non-core	479	1,172	30.3%	Yellow
Putnam County, OH	39137	OH	5	33,861	Non-core	620	1,831	29.2%	Red
Richland County, OH	39139	OH	5	121,154	Small metro	1,620	1,337	12.4%	Red
Ross County, OH	39141	OH	5	76,666	Micropolitan	1,568	2,045	9.1%	Yellow
Sandusky County, OH	39143	OH	5	58,518	Micropolitan	1,902	3,250	12.3%	Red
Scioto County, OH	39145	OH	5	75,314	Micropolitan	4,709	6,252	11.3%	Red
Seneca County, OH	39147	OH	5	55,178	Micropolitan	2,457	4,453	9.9%	Yellow
Shelby County, OH	39149	OH	5	48,590	Micropolitan	166	342	26.5%	Yellow
Stark County, OH	39151	OH	5	370,606	Medium metro	4,158	1,122	10.1%	Red
Summit County, OH	39153	OH	5	541,013	Medium metro	10,766	1,990	13.7%	Red
Trumbull County, OH	39155	OH	5	197,974	Medium metro	5,107	2,580	11.5%	Red
Tuscarawas County, OH	39157	OH	5	91,987	Micropolitan	634	689	11.2%	Red
Union County, OH	39159	OH	5	58,988	Large fringe metro	1,177	1,995	14.9%	Red
Van Wert County, OH	39161	OH	5	28,275	Micropolitan	590	2,087	26.1%	Red
Vinton County, OH	39163	OH	5	13,085	Non-core	62	474	4.8%	Green
Warren County, OH	39165	OH	5	234,602	Large fringe metro	2,014	858	15.7%	Red
Washington County, OH	39167	OH	5	59,911	Micropolitan	2,194	3,662	13.7%	Red
Wayne County, OH	39169	OH	5	115,710	Micropolitan	1,982	1,713	15.8%	Red
Williams County, OH	39171	OH	5	36,692	Non-core	812	2,213	15.8%	Red
Wood County, OH	39173	OH	5	130,817	Medium metro	2,200	1,682	10.5%	Red
Wyandot County, OH	39175	OH	5	21,772	Non-core	194	891	12.9%	Yellow