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 28-February 10
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 gray have not submitted testing data for this time period. 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	143	516	9.8%	Yellow
Allen County, OH	39003	OH	5	102,351	Small metro	1,000	977	13.4%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	124	232	8.9%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	794	817	7.2%	Yellow
Athens County, OH	39009	OH	5	65,327	Micropolitan	365	559	15.6%	Yellow
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	498	1,091	17.7%	Yellow
Belmont County, OH	39013	OH	5	67,006	Small metro	960	1,433	10.3%	Red
Brown County, OH	39015	OH	5	43,432	Large fringe metro	468	1,078	19.2%	Yellow
Butler County, OH	39017	OH	5	383,134	Large fringe metro	1,778	464	18.7%	Red
Carroll County, OH	39019	OH	5	26,914	Medium metro	51	189	29.4%	Yellow

County	FIPS	State		Population	Metro Type	Value 1	Value 2	Percent	Category
Champaign County, OH	39021	OH	5	38,885	Micropolitan	430	1,106	11.9%	Yellow
Clark County, OH	39023	OH	5	134,083	Small metro	1,955	1,458	6.4%	Yellow
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	1,431	693	16.8%	Red
Clinton County, OH	39027	OH	5	41,968	Micropolitan	334	796	18.9%	Yellow
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	1,818	1,784	7.6%	Yellow
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	472	1,290	15.5%	Yellow
Crawford County, OH	39033	OH	5	41,494	Micropolitan	788	1,899	6.9%	Yellow
Cuyahoga County, OH	39035	OH	5	1,235,072	Large central metro	12,009	972	13.0%	Red
Darke County, OH	39037	OH	5	51,113	Micropolitan	451	882	16.0%	Yellow
Defiance County, OH	39039	OH	5	38,087	Micropolitan	246	646	15.9%	Yellow
Delaware County, OH	39041	OH	5	209,177	Large fringe metro	452	216	10.2%	Yellow
Erie County, OH	39043	OH	5	74,266	Micropolitan	964	1,298	11.1%	Red
Fairfield County, OH	39045	OH	5	157,574	Large fringe metro	696	442	2.7%	Green
Fayette County, OH	39047	OH	5	28,525	Micropolitan	740	2,594	11.5%	Red
Franklin County, OH	39049	OH	5	1,316,756	Large central metro	36,108	2,742	6.4%	Yellow
Fulton County, OH	39051	OH	5	42,126	Medium metro	374	888	13.6%	Yellow
Gallia County, OH	39053	OH	5	29,898	Micropolitan	1,624	5,432	15.7%	Red
Geauga County, OH	39055	OH	5	93,649	Large fringe metro	590	630	19.0%	Red
Greene County, OH	39057	OH	5	168,937	Medium metro	1,395	826	13.7%	Red
Guernsey County, OH	39059	OH	5	38,875	Micropolitan	601	1,546	8.3%	Yellow
Hamilton County, OH	39061	OH	5	817,473	Large central metro	27,967	3,421	9.8%	Yellow
Hancock County, OH	39063	OH	5	75,783	Micropolitan	295	389	8.5%	Yellow
Hardin County, OH	39065	OH	5	31,365	Non-core	182	580	17.0%	Yellow
Harrison County, OH	39067	OH	5	15,040	Non-core	70	465	17.1%	Yellow
Henry County, OH	39069	OH	5	27,006	Non-core	111	411	21.6%	Yellow
Highland County, OH	39071	OH	5	43,161	Non-core	391	906	12.0%	Yellow
Hocking County, OH	39073	OH	5	28,264	Large fringe metro	144	509	14.6%	Yellow
Holmes County, OH	39075	OH	5	43,960	Non-core	148	337	18.9%	Yellow
Huron County, OH	39077	OH	5	58,266	Micropolitan	603	1,035	10.1%	Red
Jackson County, OH	39079	OH	5	32,413	Micropolitan	99	305	7.1%	Yellow
Jefferson County, OH	39081	OH	5	65,325	Small metro	1,669	2,555	14.8%	Red
Knox County, OH	39083	OH	5	62,322	Micropolitan	130	209	16.2%	Yellow
Lake County, OH	39085	OH	5	230,149	Large fringe metro	3,819	1,659	11.2%	Red
Lawrence County, OH	39087	OH	5	59,463	Medium metro	232	390	6.9%	Yellow
Licking County, OH	39089	OH	5	176,862	Large fringe metro	865	489	17.1%	Red
Logan County, OH	39091	OH	5	45,672	Micropolitan	334	731	9.6%	Yellow
Lorain County, OH	39093	OH	5	309,833	Large fringe metro	3,201	1,033	9.8%	Yellow
Lucas County, OH	39095	OH	5	428,348	Medium metro	16,502	3,852	8.7%	Yellow
Madison County, OH	39097	OH	5	44,731	Large fringe metro	1,443	3,226	2.3%	Green
Mahoning County, OH	39099	OH	5	228,683	Medium metro	4,155	1,817	3.4%	Green
Marion County, OH	39101	OH	5	65,093	Micropolitan	303	465	4.6%	Green

County	FIPS	State	Code	Population	Metro Type	Value1	Value2	Percent	Category
Medina County, OH	39103	OH	5	179,746	Large fringe metro	777	432	22.8%	Red
Meigs County, OH	39105	OH	5	22,907	Non-core	75	327	5.3%	Yellow
Mercer County, OH	39107	OH	5	41,172	Micropolitan	425	1,032	18.8%	Yellow
Miami County, OH	39109	OH	5	106,987	Medium metro	203	190	11.3%	Yellow
Monroe County, OH	39111	OH	5	13,654	Non-core	95	696	16.8%	Yellow
Montgomery County, OH	39113	OH	5	531,687	Medium metro	12,256	2,305	9.0%	Yellow
Morgan County, OH	39115	OH	5	14,508	Non-core	89	613	22.5%	Yellow
Morrow County, OH	39117	OH	5	35,328	Large fringe metro	247	699	12.6%	Yellow
Muskingum County, OH	39119	OH	5	86,215	Micropolitan	517	600	11.8%	Red
Noble County, OH	39121	OH	5	14,424	Non-core	126	874	10.3%	Yellow
Ottawa County, OH	39123	OH	5	40,525	Micropolitan	304	750	10.5%	Yellow
Paulding County, OH	39125	OH	5	18,672	Non-core	79	423	24.1%	Yellow
Perry County, OH	39127	OH	5	36,134	Large fringe metro	145	401	9.0%	Yellow
Pickaway County, OH	39129	OH	5	58,457	Large fringe metro	408	698	14.2%	Yellow
Pike County, OH	39131	OH	5	27,772	Non-core	217	781	14.7%	Yellow
Portage County, OH	39133	OH	5	162,466	Medium metro	1,413	870	16.5%	Red
Preble County, OH	39135	OH	5	40,882	Non-core	181	443	12.7%	Yellow
Putnam County, OH	39137	OH	5	33,861	Non-core	214	632	10.3%	Yellow
Richland County, OH	39139	OH	5	121,154	Small metro	1,165	962	8.7%	Yellow
Ross County, OH	39141	OH	5	76,666	Micropolitan	1,199	1,564	8.0%	Yellow
Sandusky County, OH	39143	OH	5	58,518	Micropolitan	484	827	6.0%	Yellow
Scioto County, OH	39145	OH	5	75,314	Micropolitan	3,425	4,548	7.1%	Yellow
Seneca County, OH	39147	OH	5	55,178	Micropolitan	819	1,484	4.2%	Green
Shelby County, OH	39149	OH	5	48,590	Micropolitan	89	183	22.5%	Yellow
Stark County, OH	39151	OH	5	370,606	Medium metro	1,109	299	21.1%	Red
Summit County, OH	39153	OH	5	541,013	Medium metro	6,362	1,176	19.1%	Red
Trumbull County, OH	39155	OH	5	197,974	Medium metro	2,165	1,094	8.3%	Yellow
Tuscarawas County, OH	39157	OH	5	91,987	Micropolitan	196	213	12.8%	Yellow
Union County, OH	39159	OH	5	58,988	Large fringe metro	631	1,070	9.7%	Yellow
Van Wert County, OH	39161	OH	5	28,275	Micropolitan	308	1,089	19.8%	Yellow
Vinton County, OH	39163	OH	5	13,085	Non-core	43	329	7.0%	Yellow
Warren County, OH	39165	OH	5	234,602	Large fringe metro	1,146	488	16.7%	Red
Washington County, OH	39167	OH	5	59,911	Micropolitan	1,609	2,686	8.9%	Yellow
Wayne County, OH	39169	OH	5	115,710	Micropolitan	604	522	17.4%	Red
Williams County, OH	39171	OH	5	36,692	Non-core	368	1,003	6.0%	Yellow
Wood County, OH	39173	OH	5	130,817	Medium metro	901	689	8.0%	Yellow
Wyandot County, OH	39175	OH	5	21,772	Non-core	62	285	3.2%	Green