

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 February 4-February 17

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	94	339	7.4%	Yellow
Allen County, OH	39003	OH	5	102,351	Small metro	762	744	11.0%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	95	178	12.6%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	807	830	5.7%	Yellow
Athens County, OH	39009	OH	5	65,327	Micropolitan	304	465	10.5%	Yellow
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	442	968	16.7%	Yellow
Belmont County, OH	39013	OH	5	67,006	Small metro	678	1,012	8.3%	Yellow
Brown County, OH	39015	OH	5	43,432	Large fringe metro	315	725	15.2%	Yellow
Butler County, OH	39017	OH	5	383,134	Large fringe metro	1,451	379	16.2%	Red
Carroll County, OH	39019	OH	5	26,914	Medium metro	40	149	27.5%	Yellow
Champaign County, OH	39021	OH	5	38,885	Micropolitan	300	772	10.7%	Yellow

Clark County, OH	39023 OH	5	134,083 Small metro	1,508	1,125	4.8%	Green
Clermont County, OH	39025 OH	5	206,428 Large fringe metro	1,157	560	16.1%	Red
Clinton County, OH	39027 OH	5	41,968 Micropolitan	248	591	14.5%	Yellow
Columbiana County, OH	39029 OH	5	101,883 Micropolitan	1,683	1,652	6.2%	Yellow
Coshocton County, OH	39031 OH	5	36,600 Micropolitan	288	787	10.1%	Yellow
Crawford County, OH	39033 OH	5	41,494 Micropolitan	723	1,742	8.0%	Yellow
Cuyahoga County, OH	39035 OH	5	1,235,072 Large central metro	10,919	884	10.2%	Red
Darke County, OH	39037 OH	5	51,113 Micropolitan	310	606	15.8%	Yellow
Defiance County, OH	39039 OH	5	38,087 Micropolitan	179	470	14.5%	Yellow
Delaware County, OH	39041 OH	5	209,177 Large fringe metro	372	178	9.4%	Yellow
Erie County, OH	39043 OH	5	74,266 Micropolitan	805	1,084	7.6%	Yellow
Fairfield County, OH	39045 OH	5	157,574 Large fringe metro	509	323	3.5%	Green
Fayette County, OH	39047 OH	5	28,525 Micropolitan	708	2,482	9.6%	Yellow
Franklin County, OH	39049 OH	5	1,316,756 Large central metro	29,923	2,272	5.8%	Yellow
Fulton County, OH	39051 OH	5	42,126 Medium metro	404	959	10.4%	Yellow
Gallia County, OH	39053 OH	5	29,898 Micropolitan	1,295	4,331	13.3%	Red
Geauga County, OH	39055 OH	5	93,649 Large fringe metro	488	521	13.7%	Yellow
Greene County, OH	39057 OH	5	168,937 Medium metro	919	544	11.0%	Red
Guernsey County, OH	39059 OH	5	38,875 Micropolitan	356	916	8.4%	Yellow
Hamilton County, OH	39061 OH	5	817,473 Large central metro	22,503	2,753	8.4%	Yellow
Hancock County, OH	39063 OH	5	75,783 Micropolitan	210	277	8.6%	Yellow
Hardin County, OH	39065 OH	5	31,365 Non-core	138	440	13.0%	Yellow
Harrison County, OH	39067 OH	5	15,040 Non-core	56	372	14.3%	Yellow
Henry County, OH	39069 OH	5	27,006 Non-core	71	263	8.5%	Yellow
Highland County, OH	39071 OH	5	43,161 Non-core	255	591	8.6%	Yellow
Hocking County, OH	39073 OH	5	28,264 Large fringe metro	89	315	15.7%	Yellow
Holmes County, OH	39075 OH	5	43,960 Non-core	110	250	15.5%	Yellow
Huron County, OH	39077 OH	5	58,266 Micropolitan	480	824	7.5%	Yellow
Jackson County, OH	39079 OH	5	32,413 Micropolitan	77	238	11.7%	Yellow
Jefferson County, OH	39081 OH	5	65,325 Small metro	1,596	2,443	16.3%	Red
Knox County, OH	39083 OH	5	62,322 Micropolitan	90	144	13.3%	Yellow
Lake County, OH	39085 OH	5	230,149 Large fringe metro	3,591	1,560	10.1%	Red
Lawrence County, OH	39087 OH	5	59,463 Medium metro	191	321	7.9%	Yellow
Licking County, OH	39089 OH	5	176,862 Large fringe metro	608	344	16.4%	Red
Logan County, OH	39091 OH	5	45,672 Micropolitan	277	606	7.2%	Yellow
Lorain County, OH	39093 OH	5	309,833 Large fringe metro	2,679	865	9.5%	Yellow
Lucas County, OH	39095 OH	5	428,348 Medium metro	16,059	3,749	6.9%	Yellow
Madison County, OH	39097 OH	5	44,731 Large fringe metro	1,526	3,412	1.9%	Green
Mahoning County, OH	39099 OH	5	228,683 Medium metro	3,991	1,745	2.5%	Green
Marion County, OH	39101 OH	5	65,093 Micropolitan	253	389	5.5%	Yellow
Medina County, OH	39103 OH	5	179,746 Large fringe metro	639	356	20.8%	Red
Meigs County, OH	39105 OH	5	22,907 Non-core	71	310	8.5%	Yellow

Mercer County, OH	39107 OH	5	41,172 Micropolitan	367	891	14.7%	Yellow
Miami County, OH	39109 OH	5	106,987 Medium metro	132	123	9.8%	Yellow
Monroe County, OH	39111 OH	5	13,654 Non-core	90	659	17.8%	Yellow
Montgomery County, OH	39113 OH	5	531,687 Medium metro	11,163	2,100	7.3%	Yellow
Morgan County, OH	39115 OH	5	14,508 Non-core	59	407	15.3%	Yellow
Morrow County, OH	39117 OH	5	35,328 Large fringe metro	225	637	8.0%	Yellow
Muskingum County, OH	39119 OH	5	86,215 Micropolitan	345	400	9.9%	Yellow
Noble County, OH	39121 OH	5	14,424 Non-core	98	679	7.1%	Yellow
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	226	558	5.3%	Yellow
Paulding County, OH	39125 OH	5	18,672 Non-core	55	295	16.4%	Yellow
Perry County, OH	39127 OH	5	36,134 Large fringe metro	108	299	11.1%	Yellow
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	315	539	9.8%	Yellow
Pike County, OH	39131 OH	5	27,772 Non-core	160	576	10.6%	Yellow
Portage County, OH	39133 OH	5	162,466 Medium metro	1,261	776	13.2%	Red
Preble County, OH	39135 OH	5	40,882 Non-core	128	313	12.5%	Yellow
Putnam County, OH	39137 OH	5	33,861 Non-core	165	487	6.1%	Yellow
Richland County, OH	39139 OH	5	121,154 Small metro	1,004	829	6.9%	Yellow
Ross County, OH	39141 OH	5	76,666 Micropolitan	815	1,063	6.9%	Yellow
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	432	738	6.2%	Yellow
Scioto County, OH	39145 OH	5	75,314 Micropolitan	3,038	4,034	5.8%	Yellow
Seneca County, OH	39147 OH	5	55,178 Micropolitan	774	1,403	3.0%	Green
Shelby County, OH	39149 OH	5	48,590 Micropolitan	70	144	12.9%	Yellow
Stark County, OH	39151 OH	5	370,606 Medium metro	893	241	19.1%	Red
Summit County, OH	39153 OH	5	541,013 Medium metro	5,450	1,007	16.8%	Red
Trumbull County, OH	39155 OH	5	197,974 Medium metro	2,085	1,053	6.6%	Yellow
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	169	184	16.0%	Yellow
Union County, OH	39159 OH	5	58,988 Large fringe metro	472	800	6.8%	Yellow
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	298	1,054	20.1%	Yellow
Vinton County, OH	39163 OH	5	13,085 Non-core	40	306	2.5%	Green
Warren County, OH	39165 OH	5	234,602 Large fringe metro	878	374	16.5%	Red
Washington County, OH	39167 OH	5	59,911 Micropolitan	1,591	2,656	9.9%	Yellow
Wayne County, OH	39169 OH	5	115,710 Micropolitan	440	380	14.5%	Yellow
Williams County, OH	39171 OH	5	36,692 Non-core	315	858	4.4%	Green
Wood County, OH	39173 OH	5	130,817 Medium metro	773	591	5.4%	Yellow
Wyandot County, OH	39175 OH	5	21,772 Non-core	60	276	5.0%	Yellow