

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 November 5-November 18

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 those 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	612	2,210	11.3%	Red
Allen County, OH	39003	OH	5	102,351	Small metro	2,843	2,778	22.2%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	402	752	12.4%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	1,793	1,844	10.0%	Yellow
Athens County, OH	39009	OH	5	65,327	Micropolitan	702	1,075	11.4%	Red
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	741	1,623	27.0%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	1,441	2,151	16.1%	Red
Brown County, OH	39015	OH	5	43,432	Large fringe metro	734	1,690	13.1%	Red
Butler County, OH	39017	OH	5	383,134	Large fringe metro	3,166	826	19.4%	Red
Carroll County, OH	39019	OH	5	26,914	Medium metro	220	817	12.3%	Yellow

Champaign County, OH	39021 OH	5	38,885 Micropolitan	804	2,068	21.1%	Red
Clark County, OH	39023 OH	5	134,083 Small metro	2,496	1,862	15.5%	Red
Clermont County, OH	39025 OH	5	206,428 Large fringe metro	1,985	962	18.4%	Red
Clinton County, OH	39027 OH	5	41,968 Micropolitan	574	1,368	17.1%	Red
Columbiana County, OH	39029 OH	5	101,883 Micropolitan	3,198	3,139	13.4%	Red
Coshocton County, OH	39031 OH	5	36,600 Micropolitan	936	2,557	17.9%	Red
Crawford County, OH	39033 OH	5	41,494 Micropolitan	1,613	3,887	15.8%	Red
Cuyahoga County, OH	39035 OH	5	1,235,072 Large central metro	27,877	2,257	13.0%	Red
Darke County, OH	39037 OH	5	51,113 Micropolitan	1,391	2,721	27.2%	Red
Defiance County, OH	39039 OH	5	38,087 Micropolitan	1,120	2,941	26.5%	Red
Delaware County, OH	39041 OH	5	209,177 Large fringe metro	2,209	1,056	12.5%	Red
Erie County, OH	39043 OH	5	74,266 Micropolitan	3,190	4,295	10.0%	Yellow
Fairfield County, OH	39045 OH	5	157,574 Large fringe metro	1,650	1,047	8.7%	Yellow
Fayette County, OH	39047 OH	5	28,525 Micropolitan	841	2,948	19.0%	Red
Franklin County, OH	39049 OH	5	1,316,756 Large central metro	37,436	2,843	12.7%	Red
Fulton County, OH	39051 OH	5	42,126 Medium metro	1,013	2,405	18.7%	Red
Gallia County, OH	39053 OH	5	29,898 Micropolitan	2,427	8,118	14.1%	Red
Geauga County, OH	39055 OH	5	93,649 Large fringe metro	1,341	1,432	12.6%	Red
Greene County, OH	39057 OH	5	168,937 Medium metro	2,160	1,279	19.3%	Red
Guernsey County, OH	39059 OH	5	38,875 Micropolitan	1,054	2,711	14.7%	Red
Hamilton County, OH	39061 OH	5	817,473 Large central metro	38,659	4,729	13.8%	Red
Hancock County, OH	39063 OH	5	75,783 Micropolitan	2,361	3,115	19.9%	Red
Hardin County, OH	39065 OH	5	31,365 Non-core	491	1,565	21.4%	Yellow
Harrison County, OH	39067 OH	5	15,040 Non-core	81	539	16.0%	Yellow
Henry County, OH	39069 OH	5	27,006 Non-core	563	2,085	17.1%	Red
Highland County, OH	39071 OH	5	43,161 Non-core	536	1,242	14.7%	Red
Hocking County, OH	39073 OH	5	28,264 Large fringe metro	409	1,447	24.4%	Yellow
Holmes County, OH	39075 OH	5	43,960 Non-core	314	714	33.8%	Yellow
Huron County, OH	39077 OH	5	58,266 Micropolitan	2,020	3,467	14.5%	Red
Jackson County, OH	39079 OH	5	32,413 Micropolitan	142	438	8.5%	Yellow
Jefferson County, OH	39081 OH	5	65,325 Small metro	2,182	3,340	20.7%	Red
Knox County, OH	39083 OH	5	62,322 Micropolitan	610	979	16.6%	Red
Lake County, OH	39085 OH	5	230,149 Large fringe metro	5,316	2,310	18.5%	Red
Lawrence County, OH	39087 OH	5	59,463 Medium metro	640	1,076	8.8%	Yellow
Licking County, OH	39089 OH	5	176,862 Large fringe metro	2,344	1,325	21.5%	Red
Logan County, OH	39091 OH	5	45,672 Micropolitan	598	1,309	32.1%	Red
Lorain County, OH	39093 OH	5	309,833 Large fringe metro	6,563	2,118	11.0%	Red
Lucas County, OH	39095 OH	5	428,348 Medium metro	24,282	5,669	17.8%	Red
Madison County, OH	39097 OH	5	44,731 Large fringe metro	248	554	11.3%	Yellow
Mahoning County, OH	39099 OH	5	228,683 Medium metro	7,085	3,098	9.0%	Yellow
Marion County, OH	39101 OH	5	65,093 Micropolitan	1,371	2,106	14.8%	Red

Medina County, OH	39103 OH	5	179,746 Large fringe metro	2,102	1,169	10.8%	Red
Meigs County, OH	39105 OH	5	22,907 Non-core	146	637	7.5%	Yellow
Mercer County, OH	39107 OH	5	41,172 Micropolitan	521	1,265	26.5%	Red
Miami County, OH	39109 OH	5	106,987 Medium metro	649	607	27.4%	Red
Monroe County, OH	39111 OH	5	13,654 Non-core	216	1,582	12.5%	Yellow
Montgomery County, OH	39113 OH	5	531,687 Medium metro	16,785	3,157	17.1%	Red
Morgan County, OH	39115 OH	5	14,508 Non-core	134	924	11.2%	Yellow
Morrow County, OH	39117 OH	5	35,328 Large fringe metro	496	1,404	15.5%	Yellow
Muskingum County, OH	39119 OH	5	86,215 Micropolitan	827	959	12.6%	Red
Noble County, OH	39121 OH	5	14,424 Non-core	245	1,699	29.8%	Yellow
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	1,084	2,675	13.4%	Red
Paulding County, OH	39125 OH	5	18,672 Non-core	601	3,219	16.6%	Red
Perry County, OH	39127 OH	5	36,134 Large fringe metro	357	988	10.6%	Yellow
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	697	1,192	12.2%	Red
Pike County, OH	39131 OH	5	27,772 Non-core	296	1,066	12.5%	Yellow
Portage County, OH	39133 OH	5	162,466 Medium metro	2,103	1,294	13.6%	Red
Preble County, OH	39135 OH	5	40,882 Non-core	566	1,384	32.3%	Red
Putnam County, OH	39137 OH	5	33,861 Non-core	628	1,855	29.3%	Red
Richland County, OH	39139 OH	5	121,154 Small metro	1,929	1,592	18.0%	Red
Ross County, OH	39141 OH	5	76,666 Micropolitan	2,191	2,858	12.9%	Red
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	2,437	4,165	14.4%	Red
Scioto County, OH	39145 OH	5	75,314 Micropolitan	5,298	7,035	13.8%	Red
Seneca County, OH	39147 OH	5	55,178 Micropolitan	2,463	4,464	14.6%	Red
Shelby County, OH	39149 OH	5	48,590 Micropolitan	210	432	24.8%	Yellow
Stark County, OH	39151 OH	5	370,606 Medium metro	4,529	1,222	12.6%	Red
Summit County, OH	39153 OH	5	541,013 Medium metro	11,391	2,105	17.1%	Red
Trumbull County, OH	39155 OH	5	197,974 Medium metro	5,177	2,615	16.6%	Red
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	734	798	13.4%	Red
Union County, OH	39159 OH	5	58,988 Large fringe metro	1,650	2,797	14.9%	Red
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	673	2,380	25.6%	Red
Vinton County, OH	39163 OH	5	13,085 Non-core	70	535	12.9%	Yellow
Warren County, OH	39165 OH	5	234,602 Large fringe metro	2,286	974	18.5%	Red
Washington County, OH	39167 OH	5	59,911 Micropolitan	2,558	4,270	15.4%	Red
Wayne County, OH	39169 OH	5	115,710 Micropolitan	1,588	1,372	17.7%	Red
Williams County, OH	39171 OH	5	36,692 Non-core	1,040	2,834	17.4%	Red
Wood County, OH	39173 OH	5	130,817 Medium metro	2,571	1,965	13.5%	Red
Wyandot County, OH	39175 OH	5	21,772 Non-core	228	1,047	17.5%	Yellow