

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 March 24-April 6

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 (ELR) 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. Counties in OH and ME have also be classified as gray due to incomplete reporting such that percent positivity cannot be calculated. 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	74	267	8.1%	Gray
Allen County, OH	39003	OH	5	102,351	Small metro	421	411	13.1%	Gray
Ashland County, OH	39005	OH	5	53,484	Micropolitan	79	148	7.6%	Gray
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	810	833	7.9%	Gray
Athens County, OH	39009	OH	5	65,327	Micropolitan	181	277	13.8%	Gray
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	320	701	11.6%	Gray
Belmont County, OH	39013	OH	5	67,006	Small metro	602	898	12.1%	Gray
Brown County, OH	39015	OH	5	43,432	Large fringe metro	111	256	2.7%	Gray
Butler County, OH	39017	OH	5	383,134	Large fringe metro	1,144	299	10.8%	Gray
Carroll County, OH	39019	OH	5	26,914	Medium metro	<20 tests	<20 tests	<20 tests	Gray

Champaign County, OH	39021 OH	5	38,885 Micropolitan	190	489	14.7%	Gray
Clark County, OH	39023 OH	5	134,083 Small metro	1,383	1,031	3.8%	Gray
Clermont County, OH	39025 OH	5	206,428 Large fringe metro	513	249	11.5%	Gray
Clinton County, OH	39027 OH	5	41,968 Micropolitan	104	248	5.8%	Gray
Columbiana County, OH	39029 OH	5	101,883 Micropolitan	1,343	1,318	4.5%	Gray
Coshocton County, OH	39031 OH	5	36,600 Micropolitan	248	678	7.3%	Gray
Crawford County, OH	39033 OH	5	41,494 Micropolitan	864	2,082	8.1%	Gray
Cuyahoga County, OH	39035 OH	5	1,235,072 Large central metro	8,531	691	11.0%	Gray
Darke County, OH	39037 OH	5	51,113 Micropolitan	190	372	9.5%	Gray
Defiance County, OH	39039 OH	5	38,087 Micropolitan	74	194	35.1%	Gray
Delaware County, OH	39041 OH	5	209,177 Large fringe metro	362	173	8.3%	Gray
Erie County, OH	39043 OH	5	74,266 Micropolitan	406	547	16.7%	Gray
Fairfield County, OH	39045 OH	5	157,574 Large fringe metro	550	349	1.6%	Gray
Fayette County, OH	39047 OH	5	28,525 Micropolitan	434	1,521	2.5%	Gray
Franklin County, OH	39049 OH	5	1,316,756 Large central metro	28,847	2,191	5.1%	Gray
Fulton County, OH	39051 OH	5	42,126 Medium metro	304	722	19.7%	Gray
Gallia County, OH	39053 OH	5	29,898 Micropolitan	1,388	4,642	6.9%	Gray
Geauga County, OH	39055 OH	5	93,649 Large fringe metro	424	453	14.4%	Gray
Greene County, OH	39057 OH	5	168,937 Medium metro	650	385	11.7%	Gray
Guernsey County, OH	39059 OH	5	38,875 Micropolitan	324	833	4.3%	Gray
Hamilton County, OH	39061 OH	5	817,473 Large central metro	20,456	2,502	4.4%	Gray
Hancock County, OH	39063 OH	5	75,783 Micropolitan	238	314	22.3%	Gray
Hardin County, OH	39065 OH	5	31,365 Non-core	74	236	14.9%	Gray
Harrison County, OH	39067 OH	5	15,040 Non-core	40	266	7.5%	Gray
Henry County, OH	39069 OH	5	27,006 Non-core	44	163	31.8%	Gray
Highland County, OH	39071 OH	5	43,161 Non-core	186	431	4.8%	Gray
Hocking County, OH	39073 OH	5	28,264 Large fringe metro	108	382	0.9%	Gray
Holmes County, OH	39075 OH	5	43,960 Non-core	148	337	4.7%	Gray
Huron County, OH	39077 OH	5	58,266 Micropolitan	218	374	22.9%	Gray
Jackson County, OH	39079 OH	5	32,413 Micropolitan	77	238	3.9%	Gray
Jefferson County, OH	39081 OH	5	65,325 Small metro	1,103	1,688	13.1%	Gray
Knox County, OH	39083 OH	5	62,322 Micropolitan	284	456	3.9%	Gray
Lake County, OH	39085 OH	5	230,149 Large fringe metro	2,654	1,153	8.7%	Gray
Lawrence County, OH	39087 OH	5	59,463 Medium metro	135	227	3.7%	Gray
Licking County, OH	39089 OH	5	176,862 Large fringe metro	433	245	13.9%	Gray
Logan County, OH	39091 OH	5	45,672 Micropolitan	222	486	7.2%	Gray
Lorain County, OH	39093 OH	5	309,833 Large fringe metro	1,910	616	10.3%	Gray
Lucas County, OH	39095 OH	5	428,348 Medium metro	17,567	4,101	10.2%	Gray
Madison County, OH	39097 OH	5	44,731 Large fringe metro	1,606	3,590	0.7%	Gray
Mahoning County, OH	39099 OH	5	228,683 Medium metro	3,178	1,390	2.6%	Gray
Marion County, OH	39101 OH	5	65,093 Micropolitan	205	315	6.3%	Gray
Medina County, OH	39103 OH	5	179,746 Large fringe metro	443	246	21.7%	Gray

Meigs County, OH	39105 OH	5	22,907 Non-core	63	275	3.2%	Gray
Mercer County, OH	39107 OH	5	41,172 Micropolitan	210	510	8.6%	Gray
Miami County, OH	39109 OH	5	106,987 Medium metro	100	93	8.0%	Gray
Monroe County, OH	39111 OH	5	13,654 Non-core	76	557	13.2%	Gray
Montgomery County, OH	39113 OH	5	531,687 Medium metro	10,510	1,977	5.6%	Gray
Morgan County, OH	39115 OH	5	14,508 Non-core	27	186	0.0%	Gray
Morrow County, OH	39117 OH	5	35,328 Large fringe metro	162	459	9.3%	Gray
Muskingum County, OH	39119 OH	5	86,215 Micropolitan	214	248	7.9%	Gray
Noble County, OH	39121 OH	5	14,424 Non-core	104	721	4.8%	Gray
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	204	503	16.7%	Gray
Paulding County, OH	39125 OH	5	18,672 Non-core	28	150	25.0%	Gray
Perry County, OH	39127 OH	5	36,134 Large fringe metro	102	282	7.8%	Gray
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	341	583	2.1%	Gray
Pike County, OH	39131 OH	5	27,772 Non-core	127	457	6.3%	Gray
Portage County, OH	39133 OH	5	162,466 Medium metro	775	477	17.3%	Gray
Preble County, OH	39135 OH	5	40,882 Non-core	94	230	21.3%	Gray
Putnam County, OH	39137 OH	5	33,861 Non-core	100	295	23.0%	Gray
Richland County, OH	39139 OH	5	121,154 Small metro	782	645	2.9%	Gray
Ross County, OH	39141 OH	5	76,666 Micropolitan	638	832	3.6%	Gray
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	138	236	18.1%	Gray
Scioto County, OH	39145 OH	5	75,314 Micropolitan	2,976	3,951	3.2%	Gray
Seneca County, OH	39147 OH	5	55,178 Micropolitan	878	1,591	2.4%	Gray
Shelby County, OH	39149 OH	5	48,590 Micropolitan	48	99	12.5%	Gray
Stark County, OH	39151 OH	5	370,606 Medium metro	658	178	19.8%	Gray
Summit County, OH	39153 OH	5	541,013 Medium metro	4,383	810	18.5%	Gray
Trumbull County, OH	39155 OH	5	197,974 Medium metro	1,895	957	6.5%	Gray
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	221	240	12.2%	Gray
Union County, OH	39159 OH	5	58,988 Large fringe metro	424	719	2.8%	Gray
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	212	750	18.4%	Gray
Vinton County, OH	39163 OH	5	13,085 Non-core	32	245	0.0%	Gray
Warren County, OH	39165 OH	5	234,602 Large fringe metro	654	279	8.7%	Gray
Washington County, OH	39167 OH	5	59,911 Micropolitan	1,391	2,322	3.9%	Gray
Wayne County, OH	39169 OH	5	115,710 Micropolitan	210	181	24.3%	Gray
Williams County, OH	39171 OH	5	36,692 Non-core	311	848	3.9%	Gray
Wood County, OH	39173 OH	5	130,817 Medium metro	732	560	13.4%	Gray
Wyandot County, OH	39175 OH	5	21,772 Non-core	43	198	7.0%	Gray