

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 3-March 16

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	83	300	0.0%	Green
Allen County, OH	39003	OH	5	102,351	Small metro	589	575	5.6%	Yellow
Ashland County, OH	39005	OH	5	53,484	Micropolitan	89	166	11.2%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	917	943	2.1%	Green
Athens County, OH	39009	OH	5	65,327	Micropolitan	197	302	4.1%	Green
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	277	607	4.0%	Green
Belmont County, OH	39013	OH	5	67,006	Small metro	557	831	8.1%	Yellow
Brown County, OH	39015	OH	5	43,432	Large fringe metro	131	302	5.3%	Yellow
Butler County, OH	39017	OH	5	383,134	Large fringe metro	1,237	323	9.8%	Yellow
Carroll County, OH	39019	OH	5	26,914	Medium metro	<20 tests	<20 tests	<20 tests	Green

Champaign County, OH	39021 OH	5	38,885	Micropolitan	252	648	15.1%	Yellow
Clark County, OH	39023 OH	5	134,083	Small metro	1,931	1,440	2.7%	Green
Clermont County, OH	39025 OH	5	206,428	Large fringe metro	645	312	11.5%	Red
Clinton County, OH	39027 OH	5	41,968	Micropolitan	210	500	9.0%	Yellow
Columbiana County, OH	39029 OH	5	101,883	Micropolitan	1,179	1,157	4.3%	Green
Coshocton County, OH	39031 OH	5	36,600	Micropolitan	377	1,030	11.7%	Yellow
Crawford County, OH	39033 OH	5	41,494	Micropolitan	885	2,133	7.1%	Yellow
Cuyahoga County, OH	39035 OH	5	1,235,072	Large central metro	9,686	784	7.8%	Yellow
Darke County, OH	39037 OH	5	51,113	Micropolitan	231	452	6.5%	Yellow
Defiance County, OH	39039 OH	5	38,087	Micropolitan	108	284	20.4%	Yellow
Delaware County, OH	39041 OH	5	209,177	Large fringe metro	349	167	5.4%	Yellow
Erie County, OH	39043 OH	5	74,266	Micropolitan	539	726	9.8%	Yellow
Fairfield County, OH	39045 OH	5	157,574	Large fringe metro	602	382	2.2%	Green
Fayette County, OH	39047 OH	5	28,525	Micropolitan	493	1,728	4.9%	Green
Franklin County, OH	39049 OH	5	1,316,756	Large central metro	30,628	2,326	3.8%	Green
Fulton County, OH	39051 OH	5	42,126	Medium metro	247	586	13.4%	Yellow
Gallia County, OH	39053 OH	5	29,898	Micropolitan	1,235	4,131	4.8%	Green
Geauga County, OH	39055 OH	5	93,649	Large fringe metro	332	355	6.9%	Yellow
Greene County, OH	39057 OH	5	168,937	Medium metro	653	387	6.0%	Yellow
Guernsey County, OH	39059 OH	5	38,875	Micropolitan	343	882	2.9%	Green
Hamilton County, OH	39061 OH	5	817,473	Large central metro	22,386	2,738	4.2%	Green
Hancock County, OH	39063 OH	5	75,783	Micropolitan	184	243	11.4%	Yellow
Hardin County, OH	39065 OH	5	31,365	Non-core	105	335	11.4%	Yellow
Harrison County, OH	39067 OH	5	15,040	Non-core	36	239	2.8%	Green
Henry County, OH	39069 OH	5	27,006	Non-core	46	170	21.7%	Yellow
Highland County, OH	39071 OH	5	43,161	Non-core	208	482	3.4%	Green
Hocking County, OH	39073 OH	5	28,264	Large fringe metro	84	297	4.8%	Green
Holmes County, OH	39075 OH	5	43,960	Non-core	124	282	9.7%	Yellow
Huron County, OH	39077 OH	5	58,266	Micropolitan	376	645	9.0%	Yellow
Jackson County, OH	39079 OH	5	32,413	Micropolitan	93	287	2.2%	Green
Jefferson County, OH	39081 OH	5	65,325	Small metro	1,409	2,157	6.5%	Yellow
Knox County, OH	39083 OH	5	62,322	Micropolitan	80	128	13.8%	Yellow
Lake County, OH	39085 OH	5	230,149	Large fringe metro	2,732	1,187	5.8%	Yellow
Lawrence County, OH	39087 OH	5	59,463	Medium metro	141	237	5.7%	Yellow
Licking County, OH	39089 OH	5	176,862	Large fringe metro	531	300	14.1%	Red
Logan County, OH	39091 OH	5	45,672	Micropolitan	264	578	4.2%	Green
Lorain County, OH	39093 OH	5	309,833	Large fringe metro	2,410	778	4.7%	Green
Lucas County, OH	39095 OH	5	428,348	Medium metro	17,322	4,044	6.2%	Yellow
Madison County, OH	39097 OH	5	44,731	Large fringe metro	1,700	3,800	0.3%	Green
Mahoning County, OH	39099 OH	5	228,683	Medium metro	3,529	1,543	1.2%	Green
Marion County, OH	39101 OH	5	65,093	Micropolitan	297	456	3.4%	Green

Medina County, OH	39103 OH	5	179,746	Large fringe metro	421	234	19.5%	Yellow
Meigs County, OH	39105 OH	5	22,907	Non-core	68	297	1.5%	Green
Mercer County, OH	39107 OH	5	41,172	Micropolitan	284	690	8.1%	Yellow
Miami County, OH	39109 OH	5	106,987	Medium metro	90	84	12.2%	Yellow
Monroe County, OH	39111 OH	5	13,654	Non-core	49	359	12.2%	Yellow
Montgomery County, OH	39113 OH	5	531,687	Medium metro	10,989	2,067	4.0%	Green
Morgan County, OH	39115 OH	5	14,508	Non-core	24	165	8.3%	Yellow
Morrow County, OH	39117 OH	5	35,328	Large fringe metro	180	510	6.1%	Yellow
Muskingum County, OH	39119 OH	5	86,215	Micropolitan	250	290	13.2%	Yellow
Noble County, OH	39121 OH	5	14,424	Non-core	109	756	4.6%	Green
Ottawa County, OH	39123 OH	5	40,525	Micropolitan	172	424	9.9%	Yellow
Paulding County, OH	39125 OH	5	18,672	Non-core	38	204	15.8%	Yellow
Perry County, OH	39127 OH	5	36,134	Large fringe metro	98	271	2.0%	Green
Pickaway County, OH	39129 OH	5	58,457	Large fringe metro	254	435	4.3%	Green
Pike County, OH	39131 OH	5	27,772	Non-core	145	522	0.7%	Green
Portage County, OH	39133 OH	5	162,466	Medium metro	773	476	11.4%	Red
Preble County, OH	39135 OH	5	40,882	Non-core	73	179	9.6%	Yellow
Putnam County, OH	39137 OH	5	33,861	Non-core	127	375	11.8%	Yellow
Richland County, OH	39139 OH	5	121,154	Small metro	687	567	5.7%	Yellow
Ross County, OH	39141 OH	5	76,666	Micropolitan	649	847	1.8%	Green
Sandusky County, OH	39143 OH	5	58,518	Micropolitan	235	402	4.7%	Green
Scioto County, OH	39145 OH	5	75,314	Micropolitan	3,204	4,254	4.8%	Green
Seneca County, OH	39147 OH	5	55,178	Micropolitan	876	1,588	2.2%	Green
Shelby County, OH	39149 OH	5	48,590	Micropolitan	49	101	10.2%	Yellow
Stark County, OH	39151 OH	5	370,606	Medium metro	682	184	13.8%	Red
Summit County, OH	39153 OH	5	541,013	Medium metro	4,081	754	13.6%	Red
Trumbull County, OH	39155 OH	5	197,974	Medium metro	2,003	1,012	3.1%	Green
Tuscarawas County, OH	39157 OH	5	91,987	Micropolitan	169	184	12.4%	Yellow
Union County, OH	39159 OH	5	58,988	Large fringe metro	461	782	4.6%	Green
Van Wert County, OH	39161 OH	5	28,275	Micropolitan	197	697	5.1%	Yellow
Vinton County, OH	39163 OH	5	13,085	Non-core	31	237	3.2%	Green
Warren County, OH	39165 OH	5	234,602	Large fringe metro	607	259	7.2%	Yellow
Washington County, OH	39167 OH	5	59,911	Micropolitan	1,606	2,681	5.6%	Yellow
Wayne County, OH	39169 OH	5	115,710	Micropolitan	233	201	13.3%	Yellow
Williams County, OH	39171 OH	5	36,692	Non-core	320	872	3.4%	Green
Wood County, OH	39173 OH	5	130,817	Medium metro	1,073	820	5.1%	Yellow
Wyandot County, OH	39175 OH	5	21,772	Non-core	45	207	11.1%	Yellow