

COVID-19 Viral (RT-PCR) Laboratory 14-Day Test Positivity Rates, by US County

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.

Test Positivity Classification:

Percent Positive and Tests in prior 14 days:

Data Sources:

Data from February 4-February 17

Testing data: HHS Unified Testing Dataset; Population data: 2019 Census

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.

Documentation:

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 metr	762	744	11.0%	Red

Ashland County, OH	39005 OH	5	53,484	Micropolita	95	178	12.6%	Yellow
Ashtabula County, OH	39007 OH	5	97,241	Micropolita	807	830	5.7%	Yellow
Athens County, OH	39009 OH	5	65,327	Micropolita	304	465	10.5%	Yellow
Auglaize County, OH	39011 OH	5	45,656	Micropolita	442	968	16.7%	Yellow
Belmont County, OH	39013 OH	5	67,006	Small metr	678	1,012	8.3%	Yellow
Brown County, OH	39015 OH	5	43,432	Large fringe	315	725	15.2%	Yellow
Butler County, OH	39017 OH	5	383,134	Large fringe	1,451	379	16.2%	Red
Carroll County, OH	39019 OH	5	26,914	Medium m	40	149	27.5%	Yellow
Champaign County, OH	39021 OH	5	38,885	Micropolita	300	772	10.7%	Yellow
Clark County, OH	39023 OH	5	134,083	Small metr	1,508	1,125	4.8%	Green
Clermont County, OH	39025 OH	5	206,428	Large fringe	1,157	560	16.1%	Red
Clinton County, OH	39027 OH	5	41,968	Micropolita	248	591	14.5%	Yellow
Columbiana County, OH	39029 OH	5	101,883	Micropolita	1,683	1,652	6.2%	Yellow
Coshocton County, OH	39031 OH	5	36,600	Micropolita	288	787	10.1%	Yellow
Crawford County, OH	39033 OH	5	41,494	Micropolita	723	1,742	8.0%	Yellow
Cuyahoga County, OH	39035 OH	5	1,235,072	Large centr	10,919	884	10.2%	Red
Darke County, OH	39037 OH	5	51,113	Micropolita	310	606	15.8%	Yellow
Defiance County, OH	39039 OH	5	38,087	Micropolita	179	470	14.5%	Yellow
Delaware County, OH	39041 OH	5	209,177	Large fringe	372	178	9.4%	Yellow
Erie County, OH	39043 OH	5	74,266	Micropolita	805	1,084	7.6%	Yellow
Fairfield County, OH	39045 OH	5	157,574	Large fringe	509	323	3.5%	Green
Fayette County, OH	39047 OH	5	28,525	Micropolita	708	2,482	9.6%	Yellow
Franklin County, OH	39049 OH	5	1,316,756	Large centr	29,923	2,272	5.8%	Yellow
Fulton County, OH	39051 OH	5	42,126	Medium m	404	959	10.4%	Yellow
Gallia County, OH	39053 OH	5	29,898	Micropolita	1,295	4,331	13.3%	Red
Geauga County, OH	39055 OH	5	93,649	Large fringe	488	521	13.7%	Yellow
Greene County, OH	39057 OH	5	168,937	Medium m	919	544	11.0%	Red
Guernsey County, OH	39059 OH	5	38,875	Micropolita	356	916	8.4%	Yellow
Hamilton County, OH	39061 OH	5	817,473	Large centr	22,503	2,753	8.4%	Yellow
Hancock County, OH	39063 OH	5	75,783	Micropolita	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	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	Micropolita	480	824	7.5%	Yellow
Jackson County, OH	39079 OH	5	32,413	Micropolita	77	238	11.7%	Yellow
Jefferson County, OH	39081 OH	5	65,325	Small metr	1,596	2,443	16.3%	Red
Knox County, OH	39083 OH	5	62,322	Micropolita	90	144	13.3%	Yellow

Lake County, OH	39085 OH	5	230,149	Large fringe	3,591	1,560	10.1%	Red
Lawrence County, OH	39087 OH	5	59,463	Medium m	191	321	7.9%	Yellow
Licking County, OH	39089 OH	5	176,862	Large fringe	608	344	16.4%	Red
Logan County, OH	39091 OH	5	45,672	Micropolit	277	606	7.2%	Yellow
Lorain County, OH	39093 OH	5	309,833	Large fringe	2,679	865	9.5%	Yellow
Lucas County, OH	39095 OH	5	428,348	Medium m	16,059	3,749	6.9%	Yellow
Madison County, OH	39097 OH	5	44,731	Large fringe	1,526	3,412	1.9%	Green
Mahoning County, OH	39099 OH	5	228,683	Medium m	3,991	1,745	2.5%	Green
Marion County, OH	39101 OH	5	65,093	Micropolit	253	389	5.5%	Yellow
Medina County, OH	39103 OH	5	179,746	Large fringe	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	Micropolit	367	891	14.7%	Yellow
Miami County, OH	39109 OH	5	106,987	Medium m	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 m	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	225	637	8.0%	Yellow
Muskingum County, OH	39119 OH	5	86,215	Micropolit	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	Micropolit	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	108	299	11.1%	Yellow
Pickaway County, OH	39129 OH	5	58,457	Large fringe	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 m	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 metr	1,004	829	6.9%	Yellow
Ross County, OH	39141 OH	5	76,666	Micropolit	815	1,063	6.9%	Yellow
Sandusky County, OH	39143 OH	5	58,518	Micropolit	432	738	6.2%	Yellow
Scioto County, OH	39145 OH	5	75,314	Micropolit	3,038	4,034	5.8%	Yellow
Seneca County, OH	39147 OH	5	55,178	Micropolit	774	1,403	3.0%	Green
Shelby County, OH	39149 OH	5	48,590	Micropolit	70	144	12.9%	Yellow
Stark County, OH	39151 OH	5	370,606	Medium m	893	241	19.1%	Red
Summit County, OH	39153 OH	5	541,013	Medium m	5,450	1,007	16.8%	Red
Trumbull County, OH	39155 OH	5	197,974	Medium m	2,085	1,053	6.6%	Yellow
Tuscarawas County, OH	39157 OH	5	91,987	Micropolit	169	184	16.0%	Yellow
Union County, OH	39159 OH	5	58,988	Large fringe	472	800	6.8%	Yellow
Van Wert County, OH	39161 OH	5	28,275	Micropolit	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	878	374	16.5%	Red
Washington County, OH	39167 OH	5	59,911 Micropolit	1,591	2,656	9.9%	Yellow
Wayne County, OH	39169 OH	5	115,710 Micropolit	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 m	773	591	5.4%	Yellow
Wyandot County, OH	39175 OH	5	21,772 Non-core	60	276	5.0%	Yellow