

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 12-November 25

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	559	2,018	13.6%	Red
Allen County, OH	39003	OH	5	102,351	Small metro	3,023	2,954	23.6%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	406	759	15.5%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	1,917	1,971	10.5%	Red
Athens County, OH	39009	OH	5	65,327	Micropolitan	697	1,067	12.2%	Red
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	875	1,917	24.5%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	1,877	2,801	15.8%	Red

Brown County, OH	39015 OH	5	43,432	Large fringe metro	760	1,750	15.7%	Red
Butler County, OH	39017 OH	5	383,134	Large fringe metro	2,862	747	17.3%	Red
Carroll County, OH	39019 OH	5	26,914	Medium metro	280	1,040	20.7%	Yellow
Champaign County, OH	39021 OH	5	38,885	Micropolitan	1,042	2,680	20.7%	Red
Clark County, OH	39023 OH	5	134,083	Small metro	3,081	2,298	14.6%	Red
Clermont County, OH	39025 OH	5	206,428	Large fringe metro	2,126	1,030	17.2%	Red
Clinton County, OH	39027 OH	5	41,968	Micropolitan	524	1,249	18.5%	Red
Columbiana County, OH	39029 OH	5	101,883	Micropolitan	3,836	3,765	18.8%	Red
Coshocton County, OH	39031 OH	5	36,600	Micropolitan	1,009	2,757	18.5%	Red
Crawford County, OH	39033 OH	5	41,494	Micropolitan	1,397	3,367	18.0%	Red
Cuyahoga County, OH	39035 OH	5	1,235,072	Large central metro	31,249	2,530	14.2%	Red
Darke County, OH	39037 OH	5	51,113	Micropolitan	1,677	3,281	30.2%	Red
Defiance County, OH	39039 OH	5	38,087	Micropolitan	996	2,615	30.9%	Red
Delaware County, OH	39041 OH	5	209,177	Large fringe metro	2,337	1,117	12.2%	Red
Erie County, OH	39043 OH	5	74,266	Micropolitan	3,369	4,536	11.4%	Red
Fairfield County, OH	39045 OH	5	157,574	Large fringe metro	1,705	1,082	11.0%	Red
Fayette County, OH	39047 OH	5	28,525	Micropolitan	787	2,759	20.3%	Red
Franklin County, OH	39049 OH	5	1,316,756	Large central metro	46,128	3,503	12.7%	Red
Fulton County, OH	39051 OH	5	42,126	Medium metro	1,008	2,393	16.0%	Red
Gallia County, OH	39053 OH	5	29,898	Micropolitan	2,829	9,462	20.3%	Red
Geauga County, OH	39055 OH	5	93,649	Large fringe metro	1,546	1,651	12.5%	Red
Greene County, OH	39057 OH	5	168,937	Medium metro	2,201	1,303	19.8%	Red
Guernsey County, OH	39059 OH	5	38,875	Micropolitan	1,387	3,568	18.1%	Red
Hamilton County, OH	39061 OH	5	817,473	Large central metro	40,494	4,954	14.7%	Red
Hancock County, OH	39063 OH	5	75,783	Micropolitan	2,224	2,935	25.0%	Red
Hardin County, OH	39065 OH	5	31,365	Non-core	544	1,734	22.4%	Red
Harrison County, OH	39067 OH	5	15,040	Non-core	127	844	22.0%	Yellow
Henry County, OH	39069 OH	5	27,006	Non-core	523	1,937	19.5%	Red
Highland County, OH	39071 OH	5	43,161	Non-core	627	1,453	18.2%	Red
Hocking County, OH	39073 OH	5	28,264	Large fringe metro	308	1,090	19.8%	Yellow
Holmes County, OH	39075 OH	5	43,960	Non-core	250	569	28.0%	Yellow
Huron County, OH	39077 OH	5	58,266	Micropolitan	2,227	3,822	15.4%	Red
Jackson County, OH	39079 OH	5	32,413	Micropolitan	275	848	14.9%	Yellow
Jefferson County, OH	39081 OH	5	65,325	Small metro	2,345	3,590	26.0%	Red
Knox County, OH	39083 OH	5	62,322	Micropolitan	747	1,199	23.2%	Red
Lake County, OH	39085 OH	5	230,149	Large fringe metro	5,251	2,282	19.7%	Red
Lawrence County, OH	39087 OH	5	59,463	Medium metro	629	1,058	7.8%	Yellow
Licking County, OH	39089 OH	5	176,862	Large fringe metro	2,669	1,509	29.4%	Red
Logan County, OH	39091 OH	5	45,672	Micropolitan	601	1,316	31.8%	Red
Lorain County, OH	39093 OH	5	309,833	Large fringe metro	7,412	2,392	12.0%	Red

Lucas County, OH	39095 OH	5	428,348	Medium metro	25,942	6,056	18.7%	Red
Madison County, OH	39097 OH	5	44,731	Large fringe metro	336	751	11.0%	Yellow
Mahoning County, OH	39099 OH	5	228,683	Medium metro	8,580	3,752	11.4%	Red
Marion County, OH	39101 OH	5	65,093	Micropolitan	1,087	1,670	13.9%	Red
Medina County, OH	39103 OH	5	179,746	Large fringe metro	2,554	1,421	12.0%	Red
Meigs County, OH	39105 OH	5	22,907	Non-core	146	637	8.2%	Yellow
Mercer County, OH	39107 OH	5	41,172	Micropolitan	586	1,423	22.9%	Red
Miami County, OH	39109 OH	5	106,987	Medium metro	593	554	21.9%	Red
Monroe County, OH	39111 OH	5	13,654	Non-core	206	1,509	18.0%	Yellow
Montgomery County, OH	39113 OH	5	531,687	Medium metro	17,036	3,204	18.9%	Red
Morgan County, OH	39115 OH	5	14,508	Non-core	157	1,082	18.5%	Yellow
Morrow County, OH	39117 OH	5	35,328	Large fringe metro	472	1,336	15.9%	Yellow
Muskingum County, OH	39119 OH	5	86,215	Micropolitan	881	1,022	15.6%	Red
Noble County, OH	39121 OH	5	14,424	Non-core	298	2,066	29.9%	Red
Ottawa County, OH	39123 OH	5	40,525	Micropolitan	1,093	2,697	14.2%	Red
Paulding County, OH	39125 OH	5	18,672	Non-core	537	2,876	25.3%	Red
Perry County, OH	39127 OH	5	36,134	Large fringe metro	378	1,046	12.4%	Yellow
Pickaway County, OH	39129 OH	5	58,457	Large fringe metro	812	1,389	13.2%	Red
Pike County, OH	39131 OH	5	27,772	Non-core	423	1,523	17.0%	Yellow
Portage County, OH	39133 OH	5	162,466	Medium metro	2,195	1,351	13.9%	Red
Preble County, OH	39135 OH	5	40,882	Non-core	599	1,465	32.1%	Red
Putnam County, OH	39137 OH	5	33,861	Non-core	593	1,751	28.8%	Red
Richland County, OH	39139 OH	5	121,154	Small metro	2,276	1,879	20.3%	Red
Ross County, OH	39141 OH	5	76,666	Micropolitan	2,142	2,794	15.4%	Red
Sandusky County, OH	39143 OH	5	58,518	Micropolitan	2,365	4,041	16.3%	Red
Scioto County, OH	39145 OH	5	75,314	Micropolitan	5,541	7,357	13.8%	Red
Seneca County, OH	39147 OH	5	55,178	Micropolitan	2,329	4,221	15.4%	Red
Shelby County, OH	39149 OH	5	48,590	Micropolitan	224	461	21.9%	Yellow
Stark County, OH	39151 OH	5	370,606	Medium metro	4,905	1,324	14.4%	Red
Summit County, OH	39153 OH	5	541,013	Medium metro	12,176	2,251	18.4%	Red
Trumbull County, OH	39155 OH	5	197,974	Medium metro	5,548	2,802	18.8%	Red
Tuscarawas County, OH	39157 OH	5	91,987	Micropolitan	1,018	1,107	15.8%	Red
Union County, OH	39159 OH	5	58,988	Large fringe metro	1,931	3,274	16.9%	Red
Van Wert County, OH	39161 OH	5	28,275	Micropolitan	591	2,090	24.9%	Red
Vinton County, OH	39163 OH	5	13,085	Non-core	85	650	12.9%	Yellow
Warren County, OH	39165 OH	5	234,602	Large fringe metro	2,144	914	19.1%	Red
Washington County, OH	39167 OH	5	59,911	Micropolitan	2,780	4,640	17.7%	Red
Wayne County, OH	39169 OH	5	115,710	Micropolitan	1,559	1,347	18.5%	Red
Williams County, OH	39171 OH	5	36,692	Non-core	981	2,674	19.1%	Red
Wood County, OH	39173 OH	5	130,817	Medium metro	3,049	2,331	15.1%	Red

Wyandot County, OH

39175 OH

5

21,772 Non-core

206

946

19.9% Yellow