

COVID-19 Viral (NAAT) 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 $\geq 5.0\%$ to $\leq 10.0\%$ 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 July 28-August 10

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 (nucleic acid amplification test, NAAT) 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 (NAAT) 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 (NAAT) laboratory tests are the number of tests performed, not the number of individuals tested. Viral (NAAT) 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	863	3,116	10.1%	Red
Allen County, OH	39003	OH	5	102,351	Small metro	1,348	1,317	13.5%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	1,409	2,634	5.9%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	1,767	1,817	4.8%	Green
Athens County, OH	39009	OH	5	65,327	Micropolitan	1,937	2,965	2.6%	Green
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	662	1,450	13.9%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	785	1,172	7.8%	Yellow
Brown County, OH	39015	OH	5	43,432	Large fringe metro	958	2,206	9.8%	Yellow
Butler County, OH	39017	OH	5	383,134	Large fringe metro	7,756	2,024	8.7%	Yellow
Carroll County, OH	39019	OH	5	26,914	Medium metro	297	1,104	17.2%	Yellow
Champaign County, OH	39021	OH	5	38,885	Micropolitan	730	1,877	7.4%	Yellow
Clark County, OH	39023	OH	5	134,083	Small metro	3,691	2,753	8.5%	Yellow
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	5,590	2,708	9.3%	Yellow
Clinton County, OH	39027	OH	5	41,968	Micropolitan	591	1,408	9.5%	Yellow
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	2,281	2,239	6.8%	Yellow
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	596	1,628	8.6%	Yellow
Crawford County, OH	39033	OH	5	41,494	Micropolitan	803	1,935	12.7%	Red
Cuyahoga County, OH	39035	OH	5	1,235,072	Large central metro	41,449	3,356	4.6%	Green
Darke County, OH	39037	OH	5	51,113	Micropolitan	782	1,530	10.9%	Red
Defiance County, OH	39039	OH	5	38,087	Micropolitan	949	2,492	12.2%	Red
Delaware County, OH	39041	OH	5	209,177	Large fringe metro	4,399	2,103	6.2%	Yellow
Erie County, OH	39043	OH	5	74,266	Micropolitan	1,580	2,127	7.9%	Yellow
Fairfield County, OH	39045	OH	5	157,574	Large fringe metro	2,805	1,780	8.3%	Yellow
Fayette County, OH	39047	OH	5	28,525	Micropolitan	610	2,138	7.9%	Yellow
Franklin County, OH	39049	OH	5	1,316,756	Large central metro	34,980	2,657	5.9%	Yellow
Fulton County, OH	39051	OH	5	42,126	Medium metro	892	2,117	10.9%	Red
Gallia County, OH	39053	OH	5	29,898	Micropolitan	931	3,114	5.8%	Yellow
Geauga County, OH	39055	OH	5	93,649	Large fringe metro	2,218	2,368	4.9%	Green
Greene County, OH	39057	OH	5	168,937	Medium metro	3,970	2,350	11.9%	Red
Guernsey County, OH	39059	OH	5	38,875	Micropolitan	914	2,351	5.5%	Yellow

Hamilton County, OH	39061 OH	5	817,473 Large central metrc	23,406	2,863	7.9%	Yellow
Hancock County, OH	39063 OH	5	75,783 Micropolitan	897	1,184	5.5%	Yellow
Hardin County, OH	39065 OH	5	31,365 Non-core	423	1,349	7.8%	Yellow
Harrison County, OH	39067 OH	5	15,040 Non-core	199	1,323	11.1%	Yellow
Henry County, OH	39069 OH	5	27,006 Non-core	379	1,403	6.6%	Yellow
Highland County, OH	39071 OH	5	43,161 Non-core	599	1,388	14.5%	Red
Hocking County, OH	39073 OH	5	28,264 Large fringe metro	409	1,447	2.4%	Green
Holmes County, OH	39075 OH	5	43,960 Non-core	399	908	9.3%	Yellow
Huron County, OH	39077 OH	5	58,266 Micropolitan	1,285	2,205	11.0%	Red
Jackson County, OH	39079 OH	5	32,413 Micropolitan	954	2,943	7.7%	Yellow
Jefferson County, OH	39081 OH	5	65,325 Small metro	1,154	1,767	8.8%	Yellow
Knox County, OH	39083 OH	5	62,322 Micropolitan	1,153	1,850	14.9%	Red
Lake County, OH	39085 OH	5	230,149 Large fringe metro	5,793	2,517	6.3%	Yellow
Lawrence County, OH	39087 OH	5	59,463 Medium metro	900	1,514	25.0%	Red
Licking County, OH	39089 OH	5	176,862 Large fringe metro	2,562	1,449	8.0%	Yellow
Logan County, OH	39091 OH	5	45,672 Micropolitan	751	1,644	6.9%	Yellow
Lorain County, OH	39093 OH	5	309,833 Large fringe metro	6,735	2,174	6.2%	Yellow
Lucas County, OH	39095 OH	5	428,348 Medium metro	8,368	1,954	6.2%	Yellow
Madison County, OH	39097 OH	5	44,731 Large fringe metro	908	2,030	6.8%	Yellow
Mahoning County, OH	39099 OH	5	228,683 Medium metro	6,154	2,691	5.1%	Yellow
Marion County, OH	39101 OH	5	65,093 Micropolitan	1,922	2,953	6.9%	Yellow
Medina County, OH	39103 OH	5	179,746 Large fringe metro	4,160	2,314	6.7%	Yellow
Meigs County, OH	39105 OH	5	22,907 Non-core	465	2,030	11.8%	Red
Mercer County, OH	39107 OH	5	41,172 Micropolitan	481	1,168	11.2%	Yellow
Miami County, OH	39109 OH	5	106,987 Medium metro	2,389	2,233	12.4%	Red
Monroe County, OH	39111 OH	5	13,654 Non-core	226	1,655	8.4%	Yellow
Montgomery County, OH	39113 OH	5	531,687 Medium metro	17,072	3,211	10.5%	Red
Morgan County, OH	39115 OH	5	14,508 Non-core	121	834	8.3%	Yellow
Morrow County, OH	39117 OH	5	35,328 Large fringe metro	479	1,356	16.7%	Yellow
Muskingum County, OH	39119 OH	5	86,215 Micropolitan	1,803	2,091	9.3%	Yellow
Noble County, OH	39121 OH	5	14,424 Non-core	264	1,830	4.2%	Green
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	545	1,345	8.3%	Yellow
Paulding County, OH	39125 OH	5	18,672 Non-core	552	2,956	11.4%	Red
Perry County, OH	39127 OH	5	36,134 Large fringe metro	722	1,998	6.0%	Yellow
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	2,508	4,290	4.4%	Green
Pike County, OH	39131 OH	5	27,772 Non-core	920	3,313	8.8%	Yellow

Portage County, OH	39133 OH	5	162,466 Medium metro	3,521	2,167	6.8%	Yellow
Preble County, OH	39135 OH	5	40,882 Non-core	743	1,817	10.2%	Red
Putnam County, OH	39137 OH	5	33,861 Non-core	259	765	8.5%	Yellow
Richland County, OH	39139 OH	5	121,154 Small metro	2,690	2,220	13.0%	Red
Ross County, OH	39141 OH	5	76,666 Micropolitan	1,890	2,465	8.1%	Yellow
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	1,198	2,047	6.8%	Yellow
Scioto County, OH	39145 OH	5	75,314 Micropolitan	3,715	4,933	12.9%	Red
Seneca County, OH	39147 OH	5	55,178 Micropolitan	859	1,557	5.6%	Yellow
Shelby County, OH	39149 OH	5	48,590 Micropolitan	1,038	2,136	10.2%	Red
Stark County, OH	39151 OH	5	370,606 Medium metro	9,530	2,571	5.9%	Yellow
Summit County, OH	39153 OH	5	541,013 Medium metro	12,434	2,298	6.0%	Yellow
Trumbull County, OH	39155 OH	5	197,974 Medium metro	3,946	1,993	7.3%	Yellow
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	1,570	1,707	7.3%	Yellow
Union County, OH	39159 OH	5	58,988 Large fringe metro	1,540	2,611	4.9%	Green
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	614	2,172	6.5%	Yellow
Vinton County, OH	39163 OH	5	13,085 Non-core	202	1,544	5.9%	Yellow
Warren County, OH	39165 OH	5	234,602 Large fringe metro	5,438	2,318	8.2%	Yellow
Washington County, OH	39167 OH	5	59,911 Micropolitan	990	1,652	14.6%	Red
Wayne County, OH	39169 OH	5	115,710 Micropolitan	2,361	2,040	8.6%	Yellow
Williams County, OH	39171 OH	5	36,692 Non-core	955	2,603	6.4%	Yellow
Wood County, OH	39173 OH	5	130,817 Medium metro	1,896	1,449	7.8%	Yellow
Wyandot County, OH	39175 OH	5	21,772 Non-core	320	1,470	7.5%	Yellow