

## 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 January 21-February 3

### 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 (CELRS) 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	170	614	12.9%	Yellow
Allen County, OH	39003	OH	5	102,351	Small metro	1,202	1,174	17.3%	Red
Ashland County, OH	39005	OH	5	53,484	Micropolitan	149	279	10.7%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	726	747	8.8%	Yellow
Athens County, OH	39009	OH	5	65,327	Micropolitan	329	504	17.3%	Yellow
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	533	1,167	15.8%	Red
Belmont County, OH	39013	OH	5	67,006	Small metro	1,096	1,636	13.3%	Red
Brown County, OH	39015	OH	5	43,432	Large fringe metro	566	1,303	18.6%	Red
Butler County, OH	39017	OH	5	383,134	Large fringe metro	1,892	494	19.0%	Red
Carroll County, OH	39019	OH	5	26,914	Medium metro	86	320	33.7%	Yellow

Champaign County, OH	39021 OH	5	38,885	Micropolitan	467	1,201	12.4%	Yellow
Clark County, OH	39023 OH	5	134,083	Small metro	1,879	1,401	9.2%	Yellow
Clermont County, OH	39025 OH	5	206,428	Large fringe metro	1,574	762	22.5%	Red
Clinton County, OH	39027 OH	5	41,968	Micropolitan	316	753	18.0%	Yellow
Columbiana County, OH	39029 OH	5	101,883	Micropolitan	2,026	1,989	9.6%	Yellow
Coshocton County, OH	39031 OH	5	36,600	Micropolitan	473	1,292	17.5%	Yellow
Crawford County, OH	39033 OH	5	41,494	Micropolitan	806	1,942	7.7%	Yellow
Cuyahoga County, OH	39035 OH	5	1,235,072	Large central metro	13,191	1,068	15.0%	Red
Darke County, OH	39037 OH	5	51,113	Micropolitan	421	824	15.9%	Yellow
Defiance County, OH	39039 OH	5	38,087	Micropolitan	414	1,087	19.8%	Yellow
Delaware County, OH	39041 OH	5	209,177	Large fringe metro	459	219	10.0%	Yellow
Erie County, OH	39043 OH	5	74,266	Micropolitan	1,155	1,555	11.7%	Red
Fairfield County, OH	39045 OH	5	157,574	Large fringe metro	674	428	4.0%	Green
Fayette County, OH	39047 OH	5	28,525	Micropolitan	855	2,997	13.0%	Red
Franklin County, OH	39049 OH	5	1,316,756	Large central metro	36,167	2,747	7.2%	Yellow
Fulton County, OH	39051 OH	5	42,126	Medium metro	374	888	17.6%	Yellow
Gallia County, OH	39053 OH	5	29,898	Micropolitan	1,670	5,586	15.6%	Red
Geauga County, OH	39055 OH	5	93,649	Large fringe metro	704	752	21.0%	Red
Greene County, OH	39057 OH	5	168,937	Medium metro	1,291	764	15.8%	Red
Guernsey County, OH	39059 OH	5	38,875	Micropolitan	823	2,117	10.3%	Red
Hamilton County, OH	39061 OH	5	817,473	Large central metro	31,383	3,839	11.6%	Red
Hancock County, OH	39063 OH	5	75,783	Micropolitan	358	472	11.5%	Yellow
Hardin County, OH	39065 OH	5	31,365	Non-core	164	523	15.9%	Yellow
Harrison County, OH	39067 OH	5	15,040	Non-core	74	492	16.2%	Yellow
Henry County, OH	39069 OH	5	27,006	Non-core	214	792	24.3%	Yellow
Highland County, OH	39071 OH	5	43,161	Non-core	412	955	17.7%	Yellow
Hocking County, OH	39073 OH	5	28,264	Large fringe metro	132	467	9.8%	Yellow
Holmes County, OH	39075 OH	5	43,960	Non-core	171	389	16.4%	Yellow
Huron County, OH	39077 OH	5	58,266	Micropolitan	712	1,222	13.2%	Red
Jackson County, OH	39079 OH	5	32,413	Micropolitan	135	416	9.6%	Yellow
Jefferson County, OH	39081 OH	5	65,325	Small metro	1,835	2,809	15.0%	Red
Knox County, OH	39083 OH	5	62,322	Micropolitan	153	245	18.3%	Yellow
Lake County, OH	39085 OH	5	230,149	Large fringe metro	3,763	1,635	12.6%	Red
Lawrence County, OH	39087 OH	5	59,463	Medium metro	300	505	7.7%	Yellow
Licking County, OH	39089 OH	5	176,862	Large fringe metro	914	517	17.7%	Red
Logan County, OH	39091 OH	5	45,672	Micropolitan	363	795	14.3%	Yellow
Lorain County, OH	39093 OH	5	309,833	Large fringe metro	3,589	1,158	11.8%	Red
Lucas County, OH	39095 OH	5	428,348	Medium metro	17,097	3,991	10.7%	Red
Madison County, OH	39097 OH	5	44,731	Large fringe metro	708	1,583	2.5%	Green
Mahoning County, OH	39099 OH	5	228,683	Medium metro	4,515	1,974	4.3%	Green
Marion County, OH	39101 OH	5	65,093	Micropolitan	256	393	7.4%	Yellow

Medina County, OH	39103 OH	5	179,746 Large fringe metro	782	435	23.5%	Red
Meigs County, OH	39105 OH	5	22,907 Non-core	81	354	4.9%	Green
Mercer County, OH	39107 OH	5	41,172 Micropolitan	511	1,241	21.3%	Red
Miami County, OH	39109 OH	5	106,987 Medium metro	221	207	12.2%	Yellow
Monroe County, OH	39111 OH	5	13,654 Non-core	113	828	15.0%	Yellow
Montgomery County, OH	39113 OH	5	531,687 Medium metro	12,512	2,353	10.6%	Red
Morgan County, OH	39115 OH	5	14,508 Non-core	110	758	22.7%	Yellow
Morrow County, OH	39117 OH	5	35,328 Large fringe metro	224	634	13.8%	Yellow
Muskingum County, OH	39119 OH	5	86,215 Micropolitan	594	689	14.0%	Red
Noble County, OH	39121 OH	5	14,424 Non-core	137	950	13.1%	Yellow
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	381	940	12.3%	Yellow
Paulding County, OH	39125 OH	5	18,672 Non-core	125	669	20.0%	Yellow
Perry County, OH	39127 OH	5	36,134 Large fringe metro	161	446	6.2%	Yellow
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	470	804	17.7%	Yellow
Pike County, OH	39131 OH	5	27,772 Non-core	282	1,015	20.2%	Yellow
Portage County, OH	39133 OH	5	162,466 Medium metro	1,551	955	19.2%	Red
Preble County, OH	39135 OH	5	40,882 Non-core	204	499	15.2%	Yellow
Putnam County, OH	39137 OH	5	33,861 Non-core	274	809	16.8%	Yellow
Richland County, OH	39139 OH	5	121,154 Small metro	1,363	1,125	10.1%	Red
Ross County, OH	39141 OH	5	76,666 Micropolitan	1,412	1,842	11.2%	Red
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	540	923	7.4%	Yellow
Scioto County, OH	39145 OH	5	75,314 Micropolitan	3,922	5,208	8.7%	Yellow
Seneca County, OH	39147 OH	5	55,178 Micropolitan	981	1,778	8.4%	Yellow
Shelby County, OH	39149 OH	5	48,590 Micropolitan	90	185	25.6%	Yellow
Stark County, OH	39151 OH	5	370,606 Medium metro	1,272	343	23.3%	Red
Summit County, OH	39153 OH	5	541,013 Medium metro	6,831	1,263	19.8%	Red
Trumbull County, OH	39155 OH	5	197,974 Medium metro	2,306	1,165	8.8%	Yellow
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	222	241	10.8%	Yellow
Union County, OH	39159 OH	5	58,988 Large fringe metro	647	1,097	14.1%	Red
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	284	1,004	19.4%	Yellow
Vinton County, OH	39163 OH	5	13,085 Non-core	49	374	12.2%	Yellow
Warren County, OH	39165 OH	5	234,602 Large fringe metro	1,242	529	18.6%	Red
Washington County, OH	39167 OH	5	59,911 Micropolitan	1,792	2,991	10.3%	Red
Wayne County, OH	39169 OH	5	115,710 Micropolitan	688	595	18.5%	Red
Williams County, OH	39171 OH	5	36,692 Non-core	405	1,104	11.1%	Yellow
Wood County, OH	39173 OH	5	130,817 Medium metro	1,076	823	11.2%	Red
Wyandot County, OH	39175 OH	5	21,772 Non-core	76	349	9.2%	Yellow