

## 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%-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. Test positivity is rounded to the nearest tenth of a percent before classifying.

### Percent Positive and Tests in prior 14 days:

Data from October 1-October 14

### 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.

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	Ohio PHAS	Ohio Mismatch County
Adams County, OH	39001	OH	5	27,698	Non-core	118	426	5.9%	Yellow	Orange	no
Allen County, OH	39003	OH	5	102,351	Small metro	2,055	2,008	8.2%	Yellow	Orange	no
Ashland County, OH	39005	OH	5	53,484	Micropolitan	243	454	4.1%	Green	Red	YES
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	754	775	0.9%	Green	Orange	no
Athens County, OH	39009	OH	5	65,327	Micropolitan	562	860	9.1%	Yellow	Orange	no
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	657	1,439	5.6%	Yellow	Orange	no
Belmont County, OH	39013	OH	5	67,006	Small metro	798	1,191	2.4%	Green	Yellow	no
Brown County, OH	39015	OH	5	43,432	Large fringe metro	234	539	6.4%	Yellow	Yellow	no
Butler County, OH	39017	OH	5	383,134	Large fringe metro	1,383	361	10.5%	Red	Red	no
Carroll County, OH	39019	OH	5	26,914	Medium metro	57	212	3.5%	Green	Yellow	no
Champaign County, OH	39021	OH	5	38,885	Micropolitan	389	1,000	4.4%	Green	Orange	no
Clark County, OH	39023	OH	5	134,083	Small metro	1,837	1,370	3.9%	Green	Orange	no
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	654	317	5.8%	Yellow	Orange	no
Clinton County, OH	39027	OH	5	41,968	Micropolitan	430	1,025	6.7%	Yellow	Orange	no
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	1,899	1,864	3.1%	Green	Orange	no
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	331	904	7.3%	Yellow	Yellow	no
Crawford County, OH	39033	OH	5	41,494	Micropolitan	834	2,010	6.1%	Yellow	Orange	no

Cuyahoga County, OH	39035 OH	5	1,235,072	Large central metro	33,251	2,692	3.3%	Green	Orange	no
Darke County, OH	39037 OH	5	51,113	Micropolitan	761	1,489	9.5%	Yellow	Orange	no
Defiance County, OH	39039 OH	5	38,087	Micropolitan	597	1,567	6.5%	Yellow	Orange	no
Delaware County, OH	39041 OH	5	209,177	Large fringe metro	1,606	768	5.9%	Yellow	Orange	no
Erie County, OH	39043 OH	5	74,266	Micropolitan	2,299	3,096	3.0%	Green	Orange	no
Fairfield County, OH	39045 OH	5	157,574	Large fringe metro	1,342	852	3.5%	Green	Orange	no
Fayette County, OH	39047 OH	5	28,525	Micropolitan	6,207	21,760	6.4%	Yellow	Red	no
Franklin County, OH	39049 OH	5	1,316,756	Large central metro	34,834	2,645	4.6%	Green	Orange	no
Fulton County, OH	39051 OH	5	42,126	Medium metro	1,185	2,813	8.0%	Yellow	Orange	no
Gallia County, OH	39053 OH	5	29,898	Micropolitan	1,577	5,275	6.7%	Yellow	Orange	no
Geauga County, OH	39055 OH	5	93,649	Large fringe metro	659	704	1.5%	Green	Orange	no
Greene County, OH	39057 OH	5	168,937	Medium metro	591	350	9.3%	Yellow	Orange	no
Guernsey County, OH	39059 OH	5	38,875	Micropolitan	815	2,096	4.5%	Green	Yellow	no
Hamilton County, OH	39061 OH	5	817,473	Large central metro	35,397	4,330	3.9%	Green	Red	YES
Hancock County, OH	39063 OH	5	75,783	Micropolitan	1,107	1,461	7.5%	Yellow	Orange	no
Hardin County, OH	39065 OH	5	31,365	Non-core	226	721	4.4%	Green	Orange	no
Harrison County, OH	39067 OH	5	15,040	Non-core	33	219	6.1%	Yellow	Yellow	no
Henry County, OH	39069 OH	5	27,006	Non-core	437	1,618	10.1%	Yellow	Orange	no
Highland County, OH	39071 OH	5	43,161	Non-core	463	1,073	5.2%	Yellow	Orange	no
Hocking County, OH	39073 OH	5	28,264	Large fringe metro	198	701	4.0%	Green	Yellow	no
Holmes County, OH	39075 OH	5	43,960	Non-core	208	473	23.1%	Yellow	Orange	no
Huron County, OH	39077 OH	5	58,266	Micropolitan	1,368	2,348	2.7%	Green	Orange	no
Jackson County, OH	39079 OH	5	32,413	Micropolitan	116	358	4.3%	Green	Orange	no
Jefferson County, OH	39081 OH	5	65,325	Small metro	588	900	5.4%	Yellow	Orange	no
Knox County, OH	39083 OH	5	62,322	Micropolitan	451	724	1.8%	Green	Orange	no
Lake County, OH	39085 OH	5	230,149	Large fringe metro	2,409	1,047	1.8%	Green	Orange	no
Lawrence County, OH	39087 OH	5	59,463	Medium metro	319	536	4.1%	Green	Red	YES
Licking County, OH	39089 OH	5	176,862	Large fringe metro	1,752	991	6.6%	Yellow	Orange	no
Logan County, OH	39091 OH	5	45,672	Micropolitan	384	841	2.3%	Green	Yellow	no
Lorain County, OH	39093 OH	5	309,833	Large fringe metro	4,329	1,397	1.7%	Green	Orange	no
Lucas County, OH	39095 OH	5	428,348	Medium metro	15,936	3,720	3.9%	Green	Orange	no
Madison County, OH	39097 OH	5	44,731	Large fringe metro	290	648	5.9%	Yellow	Red	no
Mahoning County, OH	39099 OH	5	228,683	Medium metro	4,889	2,138	2.7%	Green	Red	YES
Marion County, OH	39101 OH	5	65,093	Micropolitan	616	946	6.5%	Yellow	Red	no
Medina County, OH	39103 OH	5	179,746	Large fringe metro	1,063	591	3.5%	Green	Orange	no
Meigs County, OH	39105 OH	5	22,907	Non-core	135	589	3.7%	Green	Orange	no
Mercer County, OH	39107 OH	5	41,172	Micropolitan	481	1,168	4.8%	Green	Red	YES
Miami County, OH	39109 OH	5	106,987	Medium metro	285	266	12.6%	Yellow	Orange	no
Monroe County, OH	39111 OH	5	13,654	Non-core	213	1,560	2.8%	Green	Yellow	no
Montgomery County, OH	39113 OH	5	531,687	Medium metro	10,880	2,046	5.7%	Yellow	Red	no
Morgan County, OH	39115 OH	5	14,508	Non-core	102	703	2.0%	Green	Yellow	no
Morrow County, OH	39117 OH	5	35,328	Large fringe metro	293	829	3.1%	Green	Yellow	no
Muskingum County, OH	39119 OH	5	86,215	Micropolitan	1,477	1,713	8.3%	Yellow	Red	no
Noble County, OH	39121 OH	5	14,424	Non-core	443	3,071	2.0%	Green	Orange	no
Ottawa County, OH	39123 OH	5	40,525	Micropolitan	508	1,254	4.3%	Green	Orange	no
Paulding County, OH	39125 OH	5	18,672	Non-core	213	1,141	8.9%	Yellow	Orange	no

Perry County, OH	39127 OH	5	36,134 Large fringe metro	436	1,207	4.4%	Green	Yellow	no
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	517	884	3.5%	Green	Orange	no
Pike County, OH	39131 OH	5	27,772 Non-core	285	1,026	2.8%	Green	Red	YES
Portage County, OH	39133 OH	5	162,466 Medium metro	1,696	1,044	6.9%	Yellow	Red	no
Preble County, OH	39135 OH	5	40,882 Non-core	150	367	10.7%	Yellow	Orange	no
Putnam County, OH	39137 OH	5	33,861 Non-core	510	1,506	15.1%	Red	Red	no
Richland County, OH	39139 OH	5	121,154 Small metro	1,147	947	8.5%	Yellow	Red	no
Ross County, OH	39141 OH	5	76,666 Micropolitan	1,442	1,881	8.3%	Yellow	Red	no
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	1,195	2,042	4.3%	Green	Orange	no
Scioto County, OH	39145 OH	5	75,314 Micropolitan	2,665	3,539	8.0%	Yellow	Red	no
Seneca County, OH	39147 OH	5	55,178 Micropolitan	1,377	2,496	2.0%	Green	Yellow	no
Shelby County, OH	39149 OH	5	48,590 Micropolitan	107	220	10.3%	Yellow	Orange	no
Stark County, OH	39151 OH	5	370,606 Medium metro	3,641	982	5.3%	Yellow	Orange	no
Summit County, OH	39153 OH	5	541,013 Medium metro	6,557	1,212	6.0%	Yellow	Orange	no
Trumbull County, OH	39155 OH	5	197,974 Medium metro	3,670	1,854	2.7%	Green	Red	YES
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	271	295	6.3%	Yellow	Orange	no
Union County, OH	39159 OH	5	58,988 Large fringe metro	1,007	1,707	4.6%	Green	Orange	no
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	333	1,178	11.4%	Yellow	Orange	no
Vinton County, OH	39163 OH	5	13,085 Non-core	49	374	2.0%	Green	Orange	no
Warren County, OH	39165 OH	5	234,602 Large fringe metro	957	408	5.1%	Yellow	Orange	no
Washington County, OH	39167 OH	5	59,911 Micropolitan	891	1,487	4.0%	Green	Orange	no
Wayne County, OH	39169 OH	5	115,710 Micropolitan	1,741	1,505	6.3%	Yellow	Orange	no
Williams County, OH	39171 OH	5	36,692 Non-core	549	1,496	6.2%	Yellow	Orange	no
Wood County, OH	39173 OH	5	130,817 Medium metro	2,700	2,064	5.0%	Yellow	Orange	no
Wyandot County, OH	39175 OH	5	21,772 Non-core	127	583	3.9%	Green	Orange	no