

## 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;  $>10\%$  positivity over 14 days: Red. Gray represents no data reported. Test positivity rounded to the nearest tenth of a percent before classifying.

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

Data from October 13-October 26

### 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 (CELRS) health department-reported data are used to describe county-level viral COVID-19 laboratory test (NAAT) 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, hospitals, and commercial labs) are used otherwise. Some states did not report on certain days, which may affect the 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 receipt 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 because there are instances where counties with high test positivity rates may reflect low testing volume rather than high levels of viral transmission, additional criteria were added to re-assign counties with low test volume to lower nursing home staff testing tiers (i.e., communities with low levels of testing and high positivity ( $>10\%$ ) are reassigned to either yellow or green testing tiers). Nursing homes may set their test frequency based on the color-coded reassigned positivity classification. Counties that are classified as gray represent incomplete reporting such that percent positivity cannot be calculated. Please refer to the state COVID 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
Adams County, OH	39001	OH	5	27,698	Non-core	1,308	4,722	11.3%
Allen County, OH	39003	OH	5	102,351	Small metro	2,872	2,806	18.6%
Ashland County, OH	39005	OH	5	53,484	Micropolitan	1,844	3,448	10.1%
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	3,064	3,151	16.1%
Athens County, OH	39009	OH	5	65,327	Micropolitan	4,504	6,895	4.0%
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	1,053	2,306	16.3%
Belmont County, OH	39013	OH	5	67,006	Small metro	1,861	2,777	14.5%
Brown County, OH	39015	OH	5	43,432	Large fringe metro	1,113	2,563	12.4%
Butler County, OH	39017	OH	5	383,134	Large fringe metro	10,309	2,691	9.7%
Carroll County, OH	39019	OH	5	26,914	Medium metro	501	1,861	20.2%
Champaign County, OH	39021	OH	5	38,885	Micropolitan	1,405	3,613	12.5%
Clark County, OH	39023	OH	5	134,083	Small metro	6,228	4,645	9.4%
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	7,140	3,459	8.3%
Clinton County, OH	39027	OH	5	41,968	Micropolitan	917	2,185	6.7%
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	4,692	4,605	12.7%
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	1,295	3,538	20.7%
Crawford County, OH	39033	OH	5	41,494	Micropolitan	1,731	4,172	11.6%
Cuyahoga County, OH	39035	OH	5	1,235,072	Large central metro	50,625	4,099	8.3%
Darke County, OH	39037	OH	5	51,113	Micropolitan	1,641	3,211	9.4%
Defiance County, OH	39039	OH	5	38,087	Micropolitan	1,274	3,345	16.8%
Delaware County, OH	39041	OH	5	209,177	Large fringe metro	6,400	3,060	5.2%
Erie County, OH	39043	OH	5	74,266	Micropolitan	1,982	2,669	15.1%
Fairfield County, OH	39045	OH	5	157,574	Large fringe metro	4,623	2,934	7.4%
Fayette County, OH	39047	OH	5	28,525	Micropolitan	1,285	4,505	13.3%
Franklin County, OH	39049	OH	5	1,316,756	Large central metro	57,657	4,379	5.0%
Fulton County, OH	39051	OH	5	42,126	Medium metro	1,125	2,671	10.4%
Gallia County, OH	39053	OH	5	29,898	Micropolitan	1,402	4,689	10.2%
Geauga County, OH	39055	OH	5	93,649	Large fringe metro	2,695	2,878	10.3%

<b>Greene County, OH</b>	39057 OH	5	168,937 Medium metro	5,705	3,377	10.8%
<b>Guernsey County, OH</b>	39059 OH	5	38,875 Micropolitan	2,199	5,657	12.6%
<b>Hamilton County, OH</b>	39061 OH	5	817,473 Large central metro	30,247	3,700	7.1%
<b>Hancock County, OH</b>	39063 OH	5	75,783 Micropolitan	2,250	2,969	8.5%
<b>Hardin County, OH</b>	39065 OH	5	31,365 Non-core	905	2,885	16.7%
<b>Harrison County, OH</b>	39067 OH	5	15,040 Non-core	457	3,039	13.6%
<b>Henry County, OH</b>	39069 OH	5	27,006 Non-core	603	2,233	15.6%
<b>Highland County, OH</b>	39071 OH	5	43,161 Non-core	1,058	2,451	12.7%
<b>Hocking County, OH</b>	39073 OH	5	28,264 Large fringe metro	740	2,618	10.0%
<b>Holmes County, OH</b>	39075 OH	5	43,960 Non-core	811	1,845	14.7%
<b>Huron County, OH</b>	39077 OH	5	58,266 Micropolitan	2,037	3,496	16.2%
<b>Jackson County, OH</b>	39079 OH	5	32,413 Micropolitan	1,852	5,714	14.1%
<b>Jefferson County, OH</b>	39081 OH	5	65,325 Small metro	2,404	3,680	10.9%
<b>Knox County, OH</b>	39083 OH	5	62,322 Micropolitan	2,212	3,549	12.1%
<b>Lake County, OH</b>	39085 OH	5	230,149 Large fringe metro	8,755	3,804	10.8%
<b>Lawrence County, OH</b>	39087 OH	5	59,463 Medium metro	1,180	1,984	20.7%
<b>Licking County, OH</b>	39089 OH	5	176,862 Large fringe metro	4,026	2,276	10.3%
<b>Logan County, OH</b>	39091 OH	5	45,672 Micropolitan	1,717	3,759	10.5%
<b>Lorain County, OH</b>	39093 OH	5	309,833 Large fringe metro	10,481	3,383	9.0%
<b>Lucas County, OH</b>	39095 OH	5	428,348 Medium metro	12,010	2,804	12.4%
<b>Madison County, OH</b>	39097 OH	5	44,731 Large fringe metro	1,406	3,143	8.5%
<b>Mahoning County, OH</b>	39099 OH	5	228,683 Medium metro	9,998	4,372	10.4%
<b>Marion County, OH</b>	39101 OH	5	65,093 Micropolitan	2,465	3,787	12.6%
<b>Medina County, OH</b>	39103 OH	5	179,746 Large fringe metro	6,486	3,608	8.4%
<b>Meigs County, OH</b>	39105 OH	5	22,907 Non-core	829	3,619	19.1%
<b>Mercer County, OH</b>	39107 OH	5	41,172 Micropolitan	933	2,266	15.4%
<b>Miami County, OH</b>	39109 OH	5	106,987 Medium metro	4,433	4,143	11.9%
<b>Monroe County, OH</b>	39111 OH	5	13,654 Non-core	399	2,922	6.5%
<b>Montgomery County, OH</b>	39113 OH	5	531,687 Medium metro	24,043	4,522	9.6%
<b>Morgan County, OH</b>	39115 OH	5	14,508 Non-core	338	2,330	18.3%
<b>Morrow County, OH</b>	39117 OH	5	35,328 Large fringe metro	674	1,908	17.1%
<b>Muskingum County, OH</b>	39119 OH	5	86,215 Micropolitan	3,646	4,229	15.9%
<b>Noble County, OH</b>	39121 OH	5	14,424 Non-core	529	3,667	7.9%
<b>Ottawa County, OH</b>	39123 OH	5	40,525 Micropolitan	1,192	2,941	12.1%

<b>Paulding County, OH</b>	39125 OH	5	18,672 Non-core	337	1,805	25.8%
<b>Perry County, OH</b>	39127 OH	5	36,134 Large fringe metro	1,047	2,898	9.7%
<b>Pickaway County, OH</b>	39129 OH	5	58,457 Large fringe metro	2,920	4,995	6.5%
<b>Pike County, OH</b>	39131 OH	5	27,772 Non-core	1,269	4,569	8.7%
<b>Portage County, OH</b>	39133 OH	5	162,466 Medium metro	6,251	3,848	10.1%
<b>Preble County, OH</b>	39135 OH	5	40,882 Non-core	1,573	3,848	10.4%
<b>Putnam County, OH</b>	39137 OH	5	33,861 Non-core	571	1,686	20.1%
<b>Richland County, OH</b>	39139 OH	5	121,154 Small metro	4,156	3,430	11.2%
<b>Ross County, OH</b>	39141 OH	5	76,666 Micropolitan	3,030	3,952	7.9%
<b>Sandusky County, OH</b>	39143 OH	5	58,518 Micropolitan	1,756	3,001	10.8%
<b>Scioto County, OH</b>	39145 OH	5	75,314 Micropolitan	4,434	5,887	6.4%
<b>Seneca County, OH</b>	39147 OH	5	55,178 Micropolitan	1,795	3,253	10.3%
<b>Shelby County, OH</b>	39149 OH	5	48,590 Micropolitan	1,794	3,692	8.3%
<b>Stark County, OH</b>	39151 OH	5	370,606 Medium metro	14,519	3,918	10.8%
<b>Summit County, OH</b>	39153 OH	5	541,013 Medium metro	18,044	3,335	9.9%
<b>Trumbull County, OH</b>	39155 OH	5	197,974 Medium metro	6,560	3,314	11.8%
<b>Tuscarawas County, OH</b>	39157 OH	5	91,987 Micropolitan	3,861	4,197	12.8%
<b>Union County, OH</b>	39159 OH	5	58,988 Large fringe metro	1,932	3,275	8.4%
<b>Van Wert County, OH</b>	39161 OH	5	28,275 Micropolitan	627	2,218	19.9%
<b>Vinton County, OH</b>	39163 OH	5	13,085 Non-core	471	3,600	20.4%
<b>Warren County, OH</b>	39165 OH	5	234,602 Large fringe metro	7,263	3,096	9.4%
<b>Washington County, OH</b>	39167 OH	5	59,911 Micropolitan	1,373	2,292	13.0%
<b>Wayne County, OH</b>	39169 OH	5	115,710 Micropolitan	3,424	2,959	12.5%
<b>Williams County, OH</b>	39171 OH	5	36,692 Non-core	1,278	3,483	14.3%
<b>Wood County, OH</b>	39173 OH	5	130,817 Medium metro	4,287	3,277	9.6%
<b>Wyandot County, OH</b>	39175 OH	5	21,772 Non-core	548	2,517	17.5%

tivity  
10.0% and  
ty is

mplification  
state  
AAT) result  
location.  
al labs, and  
e total  
of tests  
nber of  
d to a  
ved date;  
ed

ivity  
tivity and  
rs. Further,  
ls rather  
ting  
test  
esting  
gray have  
due to  
D-19

Test  
Positivity  
Classification - 14  
days

Red
Red
Red
Red
Green
Red
Red
Red
Yellow
Red
Red
Yellow
Yellow
Yellow
Red
Red
Red
Yellow
Yellow
Red
Yellow
Red
Yellow
Red
Yellow
Red
Red
Red

Red
Red
Yellow
Yellow
Red
Red
Red
Red
Yellow
Red
Red
Red
Red
Red
Red
Red
Red
Yellow
Red
Yellow
Red
Red
Yellow
Red
Red
Red
Yellow
Yellow
Red
Red
Red
Yellow
Red

Yellow
Yellow
Yellow
Yellow
Red
Red
Red
Red
Yellow
Red
Yellow
Red
Yellow
Red
Yellow
Red
Red
Yellow
Red
Red
Red
Yellow
Red