

## 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 September 24-October 7

**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. 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.

**Note:**

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	442	1,596	1.8%	Green	Orange	no
Allen County, OH	39003	OH	5	102,351	Small metro	1,852	1,809	5.3%	Yellow	Orange	no
Ashland County, OH	39005	OH	5	53,484	Micropolitan	196	366	3.6%	Green	Red	YES
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	1,363	1,402	0.4%	Green	Orange	no
Athens County, OH	39009	OH	5	65,327	Micropolitan	510	781	11.6%	Red	Orange	no
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	867	1,899	3.3%	Green	Orange	no
Belmont County, OH	39013	OH	5	67,006	Small metro	791	1,180	1.1%	Green	Yellow	no
Brown County, OH	39015	OH	5	43,432	Large fringe metro	336	774	2.4%	Green	Yellow	no
Butler County, OH	39017	OH	5	383,134	Large fringe metro	1,155	301	10.0%	Red	Red	no
Carroll County, OH	39019	OH	5	26,914	Medium metro	61	227	0.0%	Green	Yellow	no
Champaign County, OH	39021	OH	5	38,885	Micropolitan	320	823	2.5%	Green	Orange	no
Clark County, OH	39023	OH	5	134,083	Small metro	1,654	1,234	3.4%	Green	Orange	no
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	1,001	485	2.6%	Green	Orange	no
Clinton County, OH	39027	OH	5	41,968	Micropolitan	321	765	5.3%	Yellow	Orange	no
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	1,585	1,556	3.0%	Green	Orange	no
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	299	817	4.0%	Green	Yellow	no
Crawford County, OH	39033	OH	5	41,494	Micropolitan	751	1,810	3.5%	Green	Orange	no
Cuyahoga County, OH	39035	OH	5	1,235,072	Large central metro	31,585	2,557	2.7%	Green	Orange	no
Darke County, OH	39037	OH	5	51,113	Micropolitan	690	1,350	8.8%	Yellow	Orange	no
Defiance County, OH	39039	OH	5	38,087	Micropolitan	810	2,127	3.5%	Green	Orange	no

Delaware County, OH	39041 OH	5	209,177	Large fringe metro	1,499	717	5.9%	Yellow	Orange	no
Erie County, OH	39043 OH	5	74,266	Micropolitan	2,566	3,455	2.3%	Green	Orange	no
Fairfield County, OH	39045 OH	5	157,574	Large fringe metro	921	584	5.2%	Yellow	Orange	no
Fayette County, OH	39047 OH	5	28,525	Micropolitan	368	1,290	6.0%	Yellow	Red	no
Franklin County, OH	39049 OH	5	1,316,756	Large central metro	34,275	2,603	4.2%	Green	Orange	no
Fulton County, OH	39051 OH	5	42,126	Medium metro	1,466	3,480	8.1%	Yellow	Orange	no
Gallia County, OH	39053 OH	5	29,898	Micropolitan	1,374	4,596	5.6%	Yellow	Orange	no
Geauga County, OH	39055 OH	5	93,649	Large fringe metro	520	555	1.2%	Green	Orange	no
Greene County, OH	39057 OH	5	168,937	Medium metro	399	236	8.5%	Yellow	Orange	no
Guernsey County, OH	39059 OH	5	38,875	Micropolitan	681	1,752	2.2%	Green	Yellow	no
Hamilton County, OH	39061 OH	5	817,473	Large central metro	33,326	4,077	2.6%	Green	Red	YES
Hancock County, OH	39063 OH	5	75,783	Micropolitan	1,329	1,754	6.0%	Yellow	Orange	no
Hardin County, OH	39065 OH	5	31,365	Non-core	242	772	4.1%	Green	Orange	no
Harrison County, OH	39067 OH	5	15,040	Non-core	36	239	2.8%	Green	Yellow	no
Henry County, OH	39069 OH	5	27,006	Non-core	479	1,774	7.1%	Yellow	Orange	no
Highland County, OH	39071 OH	5	43,161	Non-core	565	1,309	2.1%	Green	Orange	no
Hocking County, OH	39073 OH	5	28,264	Large fringe metro	169	598	4.7%	Green	Yellow	no
Holmes County, OH	39075 OH	5	43,960	Non-core	144	328	16.7%	Yellow	Orange	no
Huron County, OH	39077 OH	5	58,266	Micropolitan	1,351	2,319	1.9%	Green	Orange	no
Jackson County, OH	39079 OH	5	32,413	Micropolitan	129	398	4.7%	Green	Orange	no
Jefferson County, OH	39081 OH	5	65,325	Small metro	811	1,241	5.7%	Yellow	Orange	no
Knox County, OH	39083 OH	5	62,322	Micropolitan	469	753	1.3%	Green	Orange	no
Lake County, OH	39085 OH	5	230,149	Large fringe metro	2,489	1,081	2.4%	Green	Orange	no
Lawrence County, OH	39087 OH	5	59,463	Medium metro	344	579	3.8%	Green	Red	YES
Licking County, OH	39089 OH	5	176,862	Large fringe metro	1,500	848	2.7%	Green	Orange	no
Logan County, OH	39091 OH	5	45,672	Micropolitan	309	677	2.3%	Green	Yellow	no
Lorain County, OH	39093 OH	5	309,833	Large fringe metro	4,196	1,354	1.7%	Green	Orange	no
Lucas County, OH	39095 OH	5	428,348	Medium metro	15,742	3,675	3.6%	Green	Orange	no
Madison County, OH	39097 OH	5	44,731	Large fringe metro	335	749	8.4%	Yellow	Red	no
Mahoning County, OH	39099 OH	5	228,683	Medium metro	3,025	1,323	3.8%	Green	Red	YES
Marion County, OH	39101 OH	5	65,093	Micropolitan	662	1,017	6.2%	Yellow	Red	no
Medina County, OH	39103 OH	5	179,746	Large fringe metro	1,694	942	1.7%	Green	Orange	no
Meigs County, OH	39105 OH	5	22,907	Non-core	110	480	1.8%	Green	Orange	no
Mercer County, OH	39107 OH	5	41,172	Micropolitan	519	1,261	2.5%	Green	Red	YES
Miami County, OH	39109 OH	5	106,987	Medium metro	249	233	12.0%	Yellow	Orange	no
Monroe County, OH	39111 OH	5	13,654	Non-core	196	1,435	0.5%	Green	Yellow	no
Montgomery County, OH	39113 OH	5	531,687	Medium metro	10,195	1,917	4.7%	Green	Red	YES
Morgan County, OH	39115 OH	5	14,508	Non-core	76	524	2.6%	Green	Yellow	no
Morrow County, OH	39117 OH	5	35,328	Large fringe metro	292	827	2.1%	Green	Yellow	no
Muskingum County, OH	39119 OH	5	86,215	Micropolitan	1,337	1,551	8.1%	Yellow	Red	no
Noble County, OH	39121 OH	5	14,424	Non-core	406	2,815	3.7%	Green	Orange	no
Ottawa County, OH	39123 OH	5	40,525	Micropolitan	529	1,305	1.7%	Green	Orange	no
Paulding County, OH	39125 OH	5	18,672	Non-core	224	1,200	4.9%	Green	Orange	no
Perry County, OH	39127 OH	5	36,134	Large fringe metro	356	985	4.8%	Green	Yellow	no
Pickaway County, OH	39129 OH	5	58,457	Large fringe metro	474	811	4.0%	Green	Orange	no
Pike County, OH	39131 OH	5	27,772	Non-core	307	1,105	3.3%	Green	Red	YES

Portage County, OH	39133 OH	5	162,466	Medium metro	1,595	982	5.8%	Yellow	Red	no
Preble County, OH	39135 OH	5	40,882	Non-core	114	279	7.0%	Yellow	Orange	no
Putnam County, OH	39137 OH	5	33,861	Non-core	463	1,367	11.0%	Yellow	Red	no
Richland County, OH	39139 OH	5	121,154	Small metro	1,152	951	11.2%	Red	Red	no
Ross County, OH	39141 OH	5	76,666	Micropolitan	1,512	1,972	6.8%	Yellow	Red	no
Sandusky County, OH	39143 OH	5	58,518	Micropolitan	1,305	2,230	2.5%	Green	Orange	no
Scioto County, OH	39145 OH	5	75,314	Micropolitan	1,685	2,237	10.2%	Red	Red	no
Seneca County, OH	39147 OH	5	55,178	Micropolitan	1,627	2,949	1.4%	Green	Yellow	no
Shelby County, OH	39149 OH	5	48,590	Micropolitan	98	202	5.1%	Yellow	Orange	no
Stark County, OH	39151 OH	5	370,606	Medium metro	4,289	1,157	2.9%	Green	Orange	no
Summit County, OH	39153 OH	5	541,013	Medium metro	7,732	1,429	3.6%	Green	Orange	no
Trumbull County, OH	39155 OH	5	197,974	Medium metro	2,725	1,376	3.2%	Green	Red	YES
Tuscarawas County, OH	39157 OH	5	91,987	Micropolitan	214	233	4.2%	Green	Orange	no
Union County, OH	39159 OH	5	58,988	Large fringe metro	802	1,360	5.9%	Yellow	Orange	no
Van Wert County, OH	39161 OH	5	28,275	Micropolitan	410	1,450	5.4%	Yellow	Orange	no
Vinton County, OH	39163 OH	5	13,085	Non-core	67	512	1.5%	Green	Orange	no
Warren County, OH	39165 OH	5	234,602	Large fringe metro	921	393	3.6%	Green	Orange	no
Washington County, OH	39167 OH	5	59,911	Micropolitan	743	1,240	2.2%	Green	Orange	no
Wayne County, OH	39169 OH	5	115,710	Micropolitan	1,710	1,478	3.9%	Green	Orange	no
Williams County, OH	39171 OH	5	36,692	Non-core	762	2,077	2.4%	Green	Orange	no
Wood County, OH	39173 OH	5	130,817	Medium metro	3,457	2,643	6.2%	Yellow	Orange	no
Wyandot County, OH	39175 OH	5	21,772	Non-core	138	634	2.9%	Green	Orange	no