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 3-September 16

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).

County	FIPS	State	FEMA Region	Population	NCHS Urban Rural Classification	Tests in prior 14 days	14-day test rate per 100,000	Percent Positivity in prior 14 days	Test Positivity Classification - 14 days
Adams County, OH	39001	OH	5	27,698	Non-core	418	1509	1.9%	Green
Allen County, OH	39003	OH	5	102,351	Small metro	2117	2068	3.8%	Green
Ashland County, OH	39005	OH	5	53,484	Micropolitan	125	234	7.2%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	1391	1430	0.3%	Green
Athens County, OH	39009	OH	5	65,327	Micropolitan	383	586	10.2%	Yellow
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	877	1921	3.2%	Green
Belmont County, OH	39013	OH	5	67,006	Small metro	428	639	1.2%	Green
Brown County, OH	39015	OH	5	43,432	Large fringe metro	644	1483	1.6%	Green
Butler County, OH	39017	OH	5	383,134	Large fringe metro	993	259	9.3%	Yellow
Carroll County, OH	39019	OH	5	26,914	Medium metro	61	227	8.2%	Yellow
Champaign County, OH	39021	OH	5	38,885	Micropolitan	367	944	2.7%	Green
Clark County, OH	39023	OH	5	134,083	Small metro	1590	1186	3.5%	Green
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	995	482	3.9%	Green

County	FIPS	State		Population	Metro Type	Count 1	Count 2	Rate	Category
Clinton County, OH	39027	OH	5	41,968	Micropolitan	313	746	1.6%	Green
Columbiana County, OH	39029	OH	5	101,883	Micropolitan	1643	1613	2.5%	Green
Coshocton County, OH	39031	OH	5	36,600	Micropolitan	285	779	2.1%	Green
Crawford County, OH	39033	OH	5	41,494	Micropolitan	654	1576	0.3%	Green
Cuyahoga County, OH	39035	OH	5	1,235,072	Large central metro	54553	4417	2.9%	Green
Darke County, OH	39037	OH	5	51,113	Micropolitan	648	1268	9.1%	Yellow
Defiance County, OH	39039	OH	5	38,087	Micropolitan	676	1775	4.3%	Green
Delaware County, OH	39041	OH	5	209,177	Large fringe metro	1241	593	7.2%	Yellow
Erie County, OH	39043	OH	5	74,266	Micropolitan	2024	2725	2.9%	Green
Fairfield County, OH	39045	OH	5	157,574	Large fringe metro	812	515	2.6%	Green
Fayette County, OH	39047	OH	5	28,525	Micropolitan	343	1202	1.2%	Green
Franklin County, OH	39049	OH	5	1,316,756	Large central metro	27609	2097	4.7%	Green
Fulton County, OH	39051	OH	5	42,126	Medium metro	732	1738	2.5%	Green
Gallia County, OH	39053	OH	5	29,898	Micropolitan	1304	4361	6.1%	Yellow
Geauga County, OH	39055	OH	5	93,649	Large fringe metro	600	641	3.0%	Green
Greene County, OH	39057	OH	5	168,937	Medium metro	553	327	9.2%	Yellow
Guernsey County, OH	39059	OH	5	38,875	Micropolitan	463	1191	2.6%	Green
Hamilton County, OH	39061	OH	5	817,473	Large central metro	25654	3138	3.7%	Green
Hancock County, OH	39063	OH	5	75,783	Micropolitan	1090	1438	5.3%	Yellow
Hardin County, OH	39065	OH	5	31,365	Non-core	184	587	1.6%	Green
Harrison County, OH	39067	OH	5	15,040	Non-core	<20 tests	<20 tests	<20 tests	Green
Henry County, OH	39069	OH	5	27,006	Non-core	561	2077	8.6%	Yellow
Highland County, OH	39071	OH	5	43,161	Non-core	509	1179	2.0%	Green
Hocking County, OH	39073	OH	5	28,264	Large fringe metro	150	531	3.3%	Green
Holmes County, OH	39075	OH	5	43,960	Non-core	77	175	7.8%	Yellow
Huron County, OH	39077	OH	5	58,266	Micropolitan	1138	1953	2.4%	Green
Jackson County, OH	39079	OH	5	32,413	Micropolitan	135	416	2.2%	Green
Jefferson County, OH	39081	OH	5	65,325	Small metro	148	227	1.4%	Green
Knox County, OH	39083	OH	5	62,322	Micropolitan	434	696	1.8%	Green
Lake County, OH	39085	OH	5	230,149	Large fringe metro	2627	1141	2.5%	Green
Lawrence County, OH	39087	OH	5	59,463	Medium metro	305	513	6.9%	Yellow
Licking County, OH	39089	OH	5	176,862	Large fringe metro	1261	713	5.2%	Yellow
Logan County, OH	39091	OH	5	45,672	Micropolitan	829	1815	1.9%	Green
Lorain County, OH	39093	OH	5	309,833	Large fringe metro	4563	1473	1.4%	Green
Lucas County, OH	39095	OH	5	428,348	Medium metro	13468	3144	4.7%	Green
Madison County, OH	39097	OH	5	44,731	Large fringe metro	302	675	4.0%	Green
Mahoning County, OH	39099	OH	5	228,683	Medium metro	4192	1833	1.5%	Green
Marion County, OH	39101	OH	5	65,093	Micropolitan	548	842	1.3%	Green
Medina County, OH	39103	OH	5	179,746	Large fringe metro	1967	1094	2.3%	Green
Meigs County, OH	39105	OH	5	22,907	Non-core	208	908	8.7%	Yellow
Mercer County, OH	39107	OH	5	41,172	Micropolitan	568	1380	3.3%	Green
Miami County, OH	39109	OH	5	106,987	Medium metro	229	214	11.4%	Yellow

County	FIPS	State	Region	Population	Metro Type	Col1	Col2	Pct	Status
Monroe County, OH	39111	OH	5	13,654	Non-core	165	1208	0.0%	Green
Montgomery County, OH	39113	OH	5	531,687	Medium metro	9435	1775	3.8%	Green
Morgan County, OH	39115	OH	5	14,508	Non-core	44	303	2.3%	Green
Morrow County, OH	39117	OH	5	35,328	Large fringe metro	184	521	4.3%	Green
Muskingum County, OH	39119	OH	5	86,215	Micropolitan	591	685	5.4%	Yellow
Noble County, OH	39121	OH	5	14,424	Non-core	142	984	0.0%	Green
Ottawa County, OH	39123	OH	5	40,525	Micropolitan	366	903	1.6%	Green
Paulding County, OH	39125	OH	5	18,672	Non-core	275	1473	2.9%	Green
Perry County, OH	39127	OH	5	36,134	Large fringe metro	292	808	8.6%	Yellow
Pickaway County, OH	39129	OH	5	58,457	Large fringe metro	314	537	2.9%	Green
Pike County, OH	39131	OH	5	27,772	Non-core	304	1095	2.6%	Green
Portage County, OH	39133	OH	5	162,466	Medium metro	1603	987	3.3%	Green
Preble County, OH	39135	OH	5	40,882	Non-core	201	492	6.5%	Yellow
Putnam County, OH	39137	OH	5	33,861	Non-core	635	1875	10.2%	Red
Richland County, OH	39139	OH	5	121,154	Small metro	849	701	2.9%	Green
Ross County, OH	39141	OH	5	76,666	Micropolitan	1285	1676	3.3%	Green
Sandusky County, OH	39143	OH	5	58,518	Micropolitan	1126	1924	1.7%	Green
Scioto County, OH	39145	OH	5	75,314	Micropolitan	1891	2511	4.5%	Green
Seneca County, OH	39147	OH	5	55,178	Micropolitan	1228	2226	2.3%	Green
Shelby County, OH	39149	OH	5	48,590	Micropolitan	310	638	13.5%	Yellow
Stark County, OH	39151	OH	5	370,606	Medium metro	2832	764	3.5%	Green
Summit County, OH	39153	OH	5	541,013	Medium metro	6692	1237	4.0%	Green
Trumbull County, OH	39155	OH	5	197,974	Medium metro	2824	1426	1.5%	Green
Tuscarawas County, OH	39157	OH	5	91,987	Micropolitan	184	200	2.7%	Green
Union County, OH	39159	OH	5	58,988	Large fringe metro	704	1193	3.3%	Green
Van Wert County, OH	39161	OH	5	28,275	Micropolitan	480	1698	1.7%	Green
Vinton County, OH	39163	OH	5	13,085	Non-core	72	550	1.4%	Green
Warren County, OH	39165	OH	5	234,602	Large fringe metro	616	263	9.1%	Yellow
Washington County, OH	39167	OH	5	59,911	Micropolitan	541	903	3.0%	Green
Wayne County, OH	39169	OH	5	115,710	Micropolitan	945	817	3.8%	Green
Williams County, OH	39171	OH	5	36,692	Non-core	740	2017	2.2%	Green
Wood County, OH	39173	OH	5	130,817	Medium metro	2015	1540	4.5%	Green
Wyandot County, OH	39175	OH	5	21,772	Non-core	281	1291	1.4%	Green