

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 February 11-February 24

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. 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	81	292	3.7%	Green
Allen County, OH	39003	OH	5	102,351	Small metro	673	658	8.8%	Yellow
Ashland County, OH	39005	OH	5	53,484	Micropolitan	82	153	9.8%	Yellow
Ashtabula County, OH	39007	OH	5	97,241	Micropolitan	782	804	5.4%	Yellow
Athens County, OH	39009	OH	5	65,327	Micropolitan	251	384	9.2%	Yellow
Auglaize County, OH	39011	OH	5	45,656	Micropolitan	395	865	12.9%	Yellow
Belmont County, OH	39013	OH	5	67,006	Small metro	526	785	10.5%	Red
Brown County, OH	39015	OH	5	43,432	Large fringe metro	242	557	9.5%	Yellow
Butler County, OH	39017	OH	5	383,134	Large fringe metro	1,161	303	14.6%	Red
Carroll County, OH	39019	OH	5	26,914	Medium metro	37	137	43.2%	Yellow
Champaign County, OH	39021	OH	5	38,885	Micropolitan	229	589	13.1%	Yellow
Clark County, OH	39023	OH	5	134,083	Small metro	1,470	1,096	3.0%	Green
Clermont County, OH	39025	OH	5	206,428	Large fringe metro	785	380	16.1%	Red
Clinton County, OH	39027	OH	5	41,968	Micropolitan	234	558	12.8%	Yellow

Columbiana County, OH	39029 OH	5	101,883	Micropolitan	1,685	1,654	5.2%	Yellow	Yellow
Coshocton County, OH	39031 OH	5	36,600	Micropolitan	272	743	11.4%	Yellow	Yellow
Crawford County, OH	39033 OH	5	41,494	Micropolitan	662	1,595	7.7%	Yellow	Yellow
Cuyahoga County, OH	39035 OH	5	1,235,072	Large central metro	10,186	825	8.7%	Yellow	Red
Darke County, OH	39037 OH	5	51,113	Micropolitan	217	425	8.8%	Yellow	Yellow
Defiance County, OH	39039 OH	5	38,087	Micropolitan	110	289	21.8%	Yellow	Yellow
Delaware County, OH	39041 OH	5	209,177	Large fringe metro	309	148	7.1%	Yellow	Yellow
Erie County, OH	39043 OH	5	74,266	Micropolitan	692	932	5.9%	Yellow	Yellow
Fairfield County, OH	39045 OH	5	157,574	Large fringe metro	584	371	2.1%	Green	Green
Fayette County, OH	39047 OH	5	28,525	Micropolitan	655	2,296	8.2%	Yellow	Yellow
Franklin County, OH	39049 OH	5	1,316,756	Large central metro	28,300	2,149	4.8%	Green	Yellow
Fulton County, OH	39051 OH	5	42,126	Medium metro	302	717	8.6%	Yellow	Yellow
Gallia County, OH	39053 OH	5	29,898	Micropolitan	1,195	3,997	9.7%	Yellow	Red
Geauga County, OH	39055 OH	5	93,649	Large fringe metro	464	495	12.3%	Yellow	Yellow
Greene County, OH	39057 OH	5	168,937	Medium metro	604	358	8.4%	Yellow	Red
Guernsey County, OH	39059 OH	5	38,875	Micropolitan	326	839	8.3%	Yellow	Yellow
Hamilton County, OH	39061 OH	5	817,473	Large central metro	19,855	2,429	7.1%	Yellow	Yellow
Hancock County, OH	39063 OH	5	75,783	Micropolitan	174	230	12.6%	Yellow	Yellow
Hardin County, OH	39065 OH	5	31,365	Non-core	104	332	9.6%	Yellow	Yellow
Harrison County, OH	39067 OH	5	15,040	Non-core	45	299	11.1%	Yellow	Yellow
Henry County, OH	39069 OH	5	27,006	Non-core	51	189	19.6%	Yellow	Yellow
Highland County, OH	39071 OH	5	43,161	Non-core	225	521	6.7%	Yellow	Yellow
Hocking County, OH	39073 OH	5	28,264	Large fringe metro	58	205	3.4%	Green	Yellow
Holmes County, OH	39075 OH	5	43,960	Non-core	110	250	10.0%	Yellow	Yellow
Huron County, OH	39077 OH	5	58,266	Micropolitan	454	779	8.4%	Yellow	Yellow
Jackson County, OH	39079 OH	5	32,413	Micropolitan	69	213	7.2%	Yellow	Yellow
Jefferson County, OH	39081 OH	5	65,325	Small metro	1,492	2,284	15.8%	Red	Red
Knox County, OH	39083 OH	5	62,322	Micropolitan	79	127	10.1%	Yellow	Yellow
Lake County, OH	39085 OH	5	230,149	Large fringe metro	3,317	1,441	9.3%	Yellow	Red
Lawrence County, OH	39087 OH	5	59,463	Medium metro	158	266	8.9%	Yellow	Yellow
Licking County, OH	39089 OH	5	176,862	Large fringe metro	538	304	14.1%	Red	Red
Logan County, OH	39091 OH	5	45,672	Micropolitan	258	565	5.4%	Yellow	Yellow
Lorain County, OH	39093 OH	5	309,833	Large fringe metro	2,614	844	7.4%	Yellow	Yellow
Lucas County, OH	39095 OH	5	428,348	Medium metro	16,096	3,758	6.5%	Yellow	Yellow
Madison County, OH	39097 OH	5	44,731	Large fringe metro	1,479	3,306	0.9%	Green	Green
Mahoning County, OH	39099 OH	5	228,683	Medium metro	3,914	1,712	1.8%	Green	Green
Marion County, OH	39101 OH	5	65,093	Micropolitan	208	320	7.7%	Yellow	Yellow
Medina County, OH	39103 OH	5	179,746	Large fringe metro	568	316	16.5%	Red	Red
Meigs County, OH	39105 OH	5	22,907	Non-core	66	288	9.1%	Yellow	Yellow
Mercer County, OH	39107 OH	5	41,172	Micropolitan	316	768	14.9%	Yellow	Yellow
Miami County, OH	39109 OH	5	106,987	Medium metro	90	84	5.6%	Yellow	Yellow
Monroe County, OH	39111 OH	5	13,654	Non-core	72	527	19.4%	Yellow	Yellow
Montgomery County, OH	39113 OH	5	531,687	Medium metro	10,726	2,017	5.6%	Yellow	Yellow
Morgan County, OH	39115 OH	5	14,508	Non-core	41	283	29.3%	Yellow	Yellow
Morrow County, OH	39117 OH	5	35,328	Large fringe metro	199	563	8.0%	Yellow	Yellow

Muskingum County, OH	39119 OH	5	86,215 Micropolitan	243	282	10.3%	Yellow	Yellow
Noble County, OH	39121 OH	5	14,424 Non-core	98	679	4.1%	Green	Yellow
Ottawa County, OH	39123 OH	5	40,525 Micropolitan	192	474	6.2%	Yellow	Yellow
Paulding County, OH	39125 OH	5	18,672 Non-core	46	246	10.9%	Yellow	Yellow
Perry County, OH	39127 OH	5	36,134 Large fringe metro	95	263	6.3%	Yellow	Yellow
Pickaway County, OH	39129 OH	5	58,457 Large fringe metro	306	523	6.9%	Yellow	Yellow
Pike County, OH	39131 OH	5	27,772 Non-core	141	508	6.4%	Yellow	Yellow
Portage County, OH	39133 OH	5	162,466 Medium metro	1,178	725	12.3%	Red	Red
Preble County, OH	39135 OH	5	40,882 Non-core	107	262	16.8%	Yellow	Yellow
Putnam County, OH	39137 OH	5	33,861 Non-core	124	366	6.5%	Yellow	Yellow
Richland County, OH	39139 OH	5	121,154 Small metro	853	704	7.0%	Yellow	Yellow
Ross County, OH	39141 OH	5	76,666 Micropolitan	547	713	4.8%	Green	Yellow
Sandusky County, OH	39143 OH	5	58,518 Micropolitan	264	451	7.2%	Yellow	Yellow
Scioto County, OH	39145 OH	5	75,314 Micropolitan	2,894	3,843	5.5%	Yellow	Yellow
Seneca County, OH	39147 OH	5	55,178 Micropolitan	741	1,343	2.4%	Green	Green
Shelby County, OH	39149 OH	5	48,590 Micropolitan	54	111	9.3%	Yellow	Yellow
Stark County, OH	39151 OH	5	370,606 Medium metro	789	213	15.5%	Red	Red
Summit County, OH	39153 OH	5	541,013 Medium metro	4,892	904	14.5%	Red	Red
Trumbull County, OH	39155 OH	5	197,974 Medium metro	2,034	1,027	5.9%	Yellow	Yellow
Tuscarawas County, OH	39157 OH	5	91,987 Micropolitan	158	172	17.7%	Yellow	Yellow
Union County, OH	39159 OH	5	58,988 Large fringe metro	364	617	4.9%	Green	Yellow
Van Wert County, OH	39161 OH	5	28,275 Micropolitan	247	874	15.0%	Yellow	Yellow
Vinton County, OH	39163 OH	5	13,085 Non-core	33	252	0.0%	Green	Green
Warren County, OH	39165 OH	5	234,602 Large fringe metro	704	300	17.2%	Red	Red
Washington County, OH	39167 OH	5	59,911 Micropolitan	1,672	2,791	10.6%	Red	Yellow
Wayne County, OH	39169 OH	5	115,710 Micropolitan	356	308	9.3%	Yellow	Yellow
Williams County, OH	39171 OH	5	36,692 Non-core	283	771	4.9%	Green	Green
Wood County, OH	39173 OH	5	130,817 Medium metro	851	651	3.6%	Green	Yellow
Wyandot County, OH	39175 OH	5	21,772 Non-core	50	230	8.0%	Yellow	Yellow