

KY COVID-19 Report 05OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	702,951	507,734	195,217
Deaths	8,921	7,934	987
New Cases	2,582	1,409	1,173
New Cases 18 and Under	605	284	321
Total New Deaths	15	14	1

Duplicates and records not meeting case criteria removed since last report: 24

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
45,671	6.5%	0-9	0.0%	1
94,563	13.5%	10-19	0.0%	4
121,774	17.3%	20-29	0.3%	25
109,238	15.5%	30-39	1.0%	89
102,212	14.5%	40-49	3.0%	269
94,153	13.4%	50-59	8.0%	717
70,286	10.0%	60-69	18.7%	1,664
41,027	5.8%	70-79	27.1%	2,422
23,789	3.4%	80+	41.8%	3,730
238	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,801	0.3%	American Indian	0.1%	10
5,264	0.9%	Asian	0.5%	43
46,076	7.8%	Black	7.5%	639
378	0.1%	Pacific Islander	0.1%	5
503,502	85.7%	White	89.3%	7,613
30,393	5.2%	Multiracial	2.5%	214

Cases	Case Percent	Ethnicity	Death Percent	Deaths
26,369	4.7%	Hispanic	1.6%	130
533,161	95.3%	Non-Hispanic	98.4%	8,144

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.6% of cases and 95.5% of deaths
Ethnicity known for 79.6% of cases and 92.7% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,527	104,342	9.13%

Positivity rate is calculated using electronically submitted PCRs from the past seven days.

Testing Type Summary

Total Tests	Total PCR Tests	Total Serology Tests	Total Antigen Tests	Total Positive Tests	Total PCR Positive	Total Serology Positive	Total Antigen Positive
9,210,306	6,975,674	390,736	1,629,928	850,423	595,143	50,108	205,172

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	29,383	4.18%
Ever ICU	5,767	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,677
ICU	494
On Ventilator	323

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,044	4,483	66.9%
ICU Beds	1,311	216	85.9%
Ventilators	836	1,150	42.1%

Current Regional Statistics

Region	COVID-19 Inpatient	COVID-19 ICU	COVID-19 on Ventilator	Inpatient Capacity Used for COVID-19	ICU Capacity Used for COVID-19	Ventilator Capacity Used for COVID-19	Inpatient Capacity in Use	ICU Capacity in Use	Ventilator Capacity in Use
Region 1	54	15	6	7.1%	21.7%	6.2%	53.89%	84.06%	16.49%
Region 2	131	42	26	10.7%	30.9%	23.2%	60.37%	71.32%	63.39%
Region 3	464	133	80	12.3%	31.4%	17.7%	67.80%	82.27%	42.16%
Region 4	110	31	26	13.1%	33.3%	17.8%	58.90%	95.70%	34.25%
Region 5	320	91	67	11.8%	26.1%	11.9%	77.04%	91.69%	46.28%
Region 6	134	27	15	11.2%	37.0%	13.2%	82.40%	100.00%	48.25%
Region 7	107	28	14	16.5%	33.3%	8.2%	61.51%	58.33%	12.94%
Region 8	153	47	34	12.5%	34.1%	22.1%	56.45%	89.86%	53.90%
Region 9	148	56	41	22.3%	50.0%	40.2%	61.60%	92.86%	56.86%
Region 10	56	24	14	11.7%	48.0%	18.9%	55.11%	98.00%	39.19%

Data is derived from the most recent report from facilities as of 12am. COVID-19 census numbers include both confirmed and suspected patients. Red shading indicates regions with current inpatient, ICU, or ventilator capacity in use 80% or higher.

Region 1:

Ballard, Caldwell, Calloway, Carlisle, Crittenden, Fulton, Graves, Hickman, Livingston, Lyon, Marshall, McCracken, Trigg

Region 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

Total Cases by County

County	Cases	Percent
Jefferson	114,214	16.2%
Fayette	49,847	7.1%
Warren	24,805	3.5%
Kenton	22,399	3.2%
Boone	19,157	2.7%
Hardin	17,146	2.4%
Daviess	16,137	2.3%
Madison	15,042	2.1%
Laurel	12,632	1.8%
Campbell	11,783	1.7%
Bullitt	11,507	1.6%
Pike	10,039	1.4%
Christian	9,881	1.4%
Oldham	9,764	1.4%
Pulaski	9,759	1.4%
McCracken	9,659	1.4%
Whitley	8,202	1.2%
Nelson	7,944	1.1%
Boyd	7,929	1.1%
Scott	7,736	1.1%
Jessamine	7,731	1.1%
Barren	7,685	1.1%
Henderson	7,664	1.1%
Hopkins	7,594	1.1%
Graves	7,020	1.0%
Knox	6,934	1.0%
Shelby	6,716	1.0%
Floyd	6,644	0.9%
Franklin	6,558	0.9%
Greenup	5,993	0.9%

County	Cases	Percent
Perry	5,755	0.8%
Bell	5,589	0.8%
Muhlenberg	5,288	0.8%
Boyle	5,148	0.7%
Taylor	5,099	0.7%
Harlan	5,051	0.7%
Calloway	5,009	0.7%
Clay	5,002	0.7%
Clark	4,913	0.7%
Logan	4,900	0.7%
Marshall	4,848	0.7%
Grayson	4,403	0.6%
Carter	4,329	0.6%
Montgomery	4,272	0.6%
Mercer	4,175	0.6%
Ohio	4,149	0.6%
Lincoln	4,060	0.6%
Grant	3,765	0.5%
Marion	3,745	0.5%
Letcher	3,664	0.5%
Allen	3,628	0.5%
Johnson	3,568	0.5%
Hart	3,370	0.5%
Rowan	3,283	0.5%
Russell	3,268	0.5%
Meade	3,241	0.5%
Woodford	3,232	0.5%
McCreary	3,194	0.5%
Simpson	3,075	0.4%
Anderson	3,069	0.4%

County	Cases	Percent
Harrison	3,051	0.4%
Rockcastle	2,995	0.4%
Bourbon	2,990	0.4%
Adair	2,974	0.4%
Wayne	2,837	0.4%
Morgan	2,788	0.4%
Spencer	2,711	0.4%
Garrard	2,638	0.4%
Breckinridge	2,570	0.4%
Casey	2,507	0.4%
Jackson	2,450	0.3%
Lawrence	2,442	0.3%
Mason	2,431	0.3%
Henry	2,420	0.3%
Union	2,418	0.3%
Webster	2,379	0.3%
Powell	2,341	0.3%
Larue	2,318	0.3%
Knott	2,269	0.3%
Lewis	2,259	0.3%
Washington	2,246	0.3%
Butler	2,243	0.3%
Monroe	2,172	0.3%
Caldwell	2,143	0.3%
Green	2,106	0.3%
Magoffin	2,090	0.3%
Estill	2,083	0.3%
Leslie	2,061	0.3%
Fleming	2,021	0.3%
Clinton	1,899	0.3%

County	Cases	Percent
Breathitt	1,897	0.3%
Lyon	1,877	0.3%
Trigg	1,864	0.3%
Pendleton	1,857	0.3%
Metcalfe	1,824	0.3%
Martin	1,777	0.3%
Carroll	1,761	0.3%
Lee	1,683	0.2%
Todd	1,627	0.2%
Bath	1,511	0.2%
Edmonson	1,479	0.2%
McLean	1,385	0.2%
Hancock	1,329	0.2%
Livingston	1,310	0.2%
Owen	1,299	0.2%
Elliott	1,276	0.2%
Gallatin	1,160	0.2%
Wolfe	1,125	0.2%
Trimble	1,124	0.2%
Crittenden	1,074	0.2%
Nicholas	1,063	0.2%
Cumberland	1,037	0.1%
Bracken	1,031	0.1%
Owsley	929	0.1%
Menifee	799	0.1%
Fulton	709	0.1%
Ballard	623	0.1%
Carlisle	597	0.1%
Hickman	530	0.1%
Robertson	320	0.0%

Total Cases
702,951

New Cases by County

County	Cases	Percent
Jefferson	368	14.3%
Fayette	168	6.5%
Boyd	76	2.9%
Madison	74	2.9%
Warren	72	2.8%
Hardin	68	2.6%
Kenton	66	2.6%
Boone	58	2.2%
Christian	52	2.0%
Whitley	51	2.0%
Knox	46	1.8%
Perry	45	1.7%
Nelson	44	1.7%
Bullitt	42	1.6%
Pike	42	1.6%
Anderson	39	1.5%
Hopkins	36	1.4%
Grayson	33	1.3%
Muhlenberg	31	1.2%
Daviess	30	1.2%
Henderson	30	1.2%
Adair	29	1.1%
Barren	28	1.1%
Mercer	27	1.0%
Campbell	26	1.0%
Floyd	26	1.0%
Jessamine	26	1.0%
McCracken	26	1.0%
Pulaski	24	0.9%
Letcher	23	0.9%

County	Cases	Percent
Shelby	23	0.9%
Lawrence	22	0.9%
Lincoln	22	0.9%
Scott	22	0.9%
Bell	20	0.8%
Franklin	20	0.8%
Oldham	20	0.8%
Garrard	19	0.7%
Greenup	19	0.7%
Laurel	19	0.7%
Harrison	18	0.7%
Marshall	18	0.7%
Taylor	17	0.7%
Clark	16	0.6%
Leslie	16	0.6%
Allen	15	0.6%
Bourbon	15	0.6%
Boyle	15	0.6%
Rockcastle	15	0.6%
Rowan	15	0.6%
Green	14	0.5%
Monroe	14	0.5%
Powell	14	0.5%
Simpson	14	0.5%
Trigg	14	0.5%
Bath	13	0.5%
Henry	13	0.5%
Marion	13	0.5%
Mason	13	0.5%
Montgomery	13	0.5%

County	Cases	Percent
Nicholas	12	0.5%
Ohio	12	0.5%
Pendleton	12	0.5%
Butler	11	0.4%
Carroll	11	0.4%
Clay	11	0.4%
Grant	11	0.4%
Wayne	11	0.4%
Woodford	11	0.4%
Lewis	10	0.4%
Owsley	10	0.4%
Todd	10	0.4%
Graves	9	0.3%
Harlan	9	0.3%
Knott	9	0.3%
Webster	9	0.3%
Calloway	8	0.3%
Hart	8	0.3%
Jackson	8	0.3%
Magoffin	8	0.3%
Russell	8	0.3%
Spencer	8	0.3%
Casey	7	0.3%
Clinton	7	0.3%
Fleming	7	0.3%
Union	7	0.3%
Washington	7	0.3%
Breathitt	6	0.2%
Gallatin	6	0.2%
Johnson	6	0.2%

County	Cases	Percent
Larue	6	0.2%
Logan	6	0.2%
Lyon	6	0.2%
Martin	6	0.2%
Meade	6	0.2%
Bracken	5	0.2%
Caldwell	5	0.2%
Edmonson	5	0.2%
McCreary	5	0.2%
Trimble	5	0.2%
Wolfe	5	0.2%
Crittenden	4	0.2%
Cumberland	4	0.2%
Livingston	4	0.2%
McLean	4	0.2%
Metcalf	4	0.2%
Robertson	4	0.2%
Ballard	3	0.1%
Breckinridge	3	0.1%
Estill	3	0.1%
Owen	3	0.1%
Fulton	2	0.1%
Lee	2	0.1%
Menifee	2	0.1%
Carlisle	1	0.0%
Hancock	1	0.0%
Hickman	1	0.0%
Morgan	1	0.0%
Carter	0	0.0%
Elliott	0	0.0%

Total New Cases
2,582

Total Deaths by County

County	Deaths	Percent
Jefferson	1,524	17.1%
Fayette	366	4.1%
Daviess	245	2.7%
Kenton	241	2.7%
Hardin	235	2.6%
Warren	223	2.5%
Hopkins	187	2.1%
Boone	178	2.0%
Pulaski	161	1.8%
McCracken	160	1.8%
Pike	159	1.8%
Madison	144	1.6%
Christian	121	1.4%
Barren	120	1.3%
Harlan	119	1.3%
Graves	118	1.3%
Bullitt	112	1.3%
Laurel	111	1.2%
Floyd	100	1.1%
Shelby	98	1.1%
Boyd	97	1.1%
Henderson	95	1.1%
Campbell	90	1.0%
Oldham	90	1.0%
Bell	88	1.0%
Jessamine	87	1.0%
Muhlenberg	85	1.0%
Perry	84	0.9%
Boyle	80	0.9%
Logan	77	0.9%

County	Deaths	Percent
Whitley	77	0.9%
Grayson	76	0.9%
Greenup	75	0.8%
Marshall	75	0.8%
Franklin	74	0.8%
Lincoln	74	0.8%
Nelson	74	0.8%
Ohio	74	0.8%
Taylor	72	0.8%
Adair	68	0.8%
Mercer	67	0.8%
Allen	62	0.7%
Calloway	60	0.7%
Hart	60	0.7%
Letcher	58	0.7%
Mason	57	0.6%
Monroe	57	0.6%
Clay	55	0.6%
Lewis	54	0.6%
Russell	54	0.6%
Wayne	54	0.6%
Carter	53	0.6%
Knox	49	0.5%
Casey	48	0.5%
Jackson	47	0.5%
Montgomery	47	0.5%
Simpson	47	0.5%
Caldwell	45	0.5%
Johnson	45	0.5%
McCreary	45	0.5%

County	Deaths	Percent
Washington	44	0.5%
Garrard	42	0.5%
Scott	42	0.5%
Livingston	40	0.4%
Marion	40	0.4%
Anderson	39	0.4%
Larue	39	0.4%
Gallatin	37	0.4%
Lawrence	37	0.4%
Metcalfe	37	0.4%
McLean	36	0.4%
Knott	34	0.4%
Meade	34	0.4%
Webster	34	0.4%
Crittenden	33	0.4%
Martin	33	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Harrison	30	0.3%
Todd	30	0.3%
Bourbon	29	0.3%
Butler	29	0.3%
Fleming	29	0.3%
Grant	29	0.3%
Lee	29	0.3%
Union	29	0.3%
Bath	28	0.3%
Edmonson	28	0.3%
Rockcastle	28	0.3%
Spencer	28	0.3%

County	Deaths	Percent
Breckinridge	26	0.3%
Rowan	26	0.3%
Woodford	26	0.3%
Lyon	25	0.3%
Breathitt	24	0.3%
Carroll	23	0.3%
Green	23	0.3%
Henry	23	0.3%
Owen	21	0.2%
Trigg	21	0.2%
Menifee	20	0.2%
Powell	20	0.2%
Hickman	18	0.2%
Magoffin	18	0.2%
Ballard	17	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Owsley	16	0.2%
Cumberland	15	0.2%
Leslie	15	0.2%
Nicholas	15	0.2%
Robertson	15	0.2%
Pendleton	14	0.2%
Estill	12	0.1%
Carlisle	11	0.1%
Trimble	10	0.1%
Bracken	8	0.1%
Wolfe	8	0.1%
Morgan	6	0.1%
Elliott	4	0.0%

Total Deaths
8,921

Incidence Rates by County

Average daily new cases per 100,000 population based on previous seven days

County	Rate
Owsley	155.3
Taylor	128.1
Whitley	110.7
Harlan	109.8
Perry	109.3
Rockcastle	100.1
Green	92.7
Grayson	92.4
Pendleton	92.0
Lawrence	85.8
Muhlenberg	82.6
Garrard	76.0
Bell	75.2
Robertson	74.5
McCreary	72.1
Russell	71.7
Nelson	71.4
Knox	71.1
Allen	70.4
Powell	69.4
Cumberland	69.1
Mercer	69.0
Ohio	66.7
Metcalfe	66.7
Madison	64.8
Henry	64.7
Magoffin	64.6
Monroe	64.4
Harrison	64.3
Letcher	64.3

County	Rate
Marion	63.7
Knott	63.7
Lincoln	63.4
Wolfe	61.9
Adair	61.7
Nicholas	60.9
Boyd	60.9
Webster	60.7
Pike	59.7
Hardin	59.5
Logan	59.0
Greenup	59.0
Leslie	57.9
Simpson	57.7
Christian	57.0
Floyd	56.6
Butler	56.6
Jessamine	55.2
Martin	54.9
Daviess	54.0
Jackson	53.6
Bourbon	53.4
McLean	52.8
Estill	52.7
Jefferson	50.8
Warren	50.2
Carter	50.1
Spencer	48.7
Rowan	48.5
Hart	48.0

County	Rate
Clinton	46.1
Bullitt	46.0
Kenton	45.9
Carroll	45.7
Clark	45.3
Larue	44.6
Fayette	43.9
Scott	43.4
Fulton	43.1
Clay	43.1
Breathitt	43.0
Casey	42.4
Boone	42.3
Henderson	42.3
Barren	42.3
Trimble	42.2
Caldwell	41.5
Washington	41.3
Laurel	40.4
Boyle	40.4
Fleming	40.2
Bath	38.9
Mason	38.5
Franklin	38.1
Bracken	36.1
Hopkins	36.1
Breckinridge	35.6
Gallatin	35.4
Owen	35.4
Marshall	35.4

County	Rate
Trigg	35.1
Union	34.8
Edmonson	34.1
Woodford	33.7
Johnson	33.5
Lyon	33.1
Pulaski	32.8
Calloway	32.6
Graves	32.6
Grant	32.5
Todd	31.4
Hancock	31.1
Montgomery	30.9
Meade	30.5
Anderson	28.9
Shelby	28.8
Menifee	28.6
McCracken	28.4
Morgan	27.9
Campbell	27.8
Oldham	27.6
Wayne	21.8
Lewis	20.4
Livingston	20.2
Crittenden	16.2
Elliott	15.2
Hickman	13.0
Lee	11.6
Ballard	10.9
Carlisle	6.0

Current Overall Incidence Rate
50.29 per 100k population

The average daily incidence rates are calculated using the number of cases with an investigation start date in the previous seven days and a specimen collection date or onset date less than 14 days prior to the investigation start date. Populations used for the rate calculation are the 2019 estimates from the US Census Bureau.