

KY COVID-19 Report 07OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	708,236	510,862	197,374
Deaths	9,022	8,017	1,005
New Cases	2,625	1,514	1,111
New Cases 18 and Under	643	308	335
Total New Deaths	50	37	13

Duplicates and records not meeting case criteria removed since last report: 15

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
46,214	6.5%	0-9	0.0%	1
95,409	13.5%	10-19	0.0%	4
122,571	17.3%	20-29	0.3%	25
110,054	15.5%	30-39	1.1%	95
102,957	14.5%	40-49	3.1%	276
94,783	13.4%	50-59	8.1%	734
70,761	10.0%	60-69	18.8%	1,692
41,319	5.8%	70-79	27.1%	2,447
23,930	3.4%	80+	41.5%	3,748
238	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,819	0.3%	American Indian	0.1%	10
5,283	0.9%	Asian	0.5%	43
46,433	7.8%	Black	7.5%	644
378	0.1%	Pacific Islander	0.1%	5
507,984	85.7%	White	89.3%	7,701
30,608	5.2%	Multiracial	2.5%	217

Cases	Case Percent	Ethnicity	Death Percent	Deaths
26,534	4.7%	Hispanic	1.6%	131
537,857	95.3%	Non-Hispanic	98.4%	8,247

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 83.7% of cases and 95.5% of deaths
 Ethnicity known for 79.7% of cases and 92.9% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,543	110,034	8.67%

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
9,282,182	7,016,533	391,223	1,657,655	857,112	598,783	50,294	208,035

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	29,794	4.21%
Ever ICU	5,832	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,578
ICU	472
On Ventilator	313

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,067	4,094	68.9%
ICU Beds	1,340	187	87.8%
Ventilators	806	1,145	41.3%

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	64	24	8	8.3%	28.6%	8.9%	58.27%	88.10%	20.00%
Region 2	126	45	29	16.1%	55.6%	33.7%	67.94%	87.65%	45.35%
Region 3	423	122	74	11.2%	27.6%	16.3%	69.15%	84.16%	43.27%
Region 4	85	32	21	10.2%	34.4%	14.3%	58.54%	96.77%	31.29%
Region 5	308	96	70	11.1%	27.3%	12.5%	78.46%	94.32%	48.48%
Region 6	129	27	18	10.8%	35.1%	15.8%	83.14%	100.00%	54.39%
Region 7	104	24	12	15.8%	25.5%	7.1%	66.51%	52.13%	12.35%
Region 8	153	31	32	12.7%	22.3%	20.8%	55.95%	87.05%	49.35%
Region 9	128	47	37	19.3%	42.3%	35.9%	63.50%	91.89%	52.43%
Region 10	58	24	12	12.0%	44.4%	16.0%	55.69%	96.30%	30.67%

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 3:

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

Region 5:

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

Region 7:

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

Region 9:

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

Region 2:

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

Region 4:

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

Region 6:

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

Region 8:

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

Region 10:

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

Total Cases by County

County	Cases	Percent
Jefferson	114,970	16.2%
Fayette	50,130	7.1%
Warren	24,928	3.5%
Kenton	22,591	3.2%
Boone	19,300	2.7%
Hardin	17,244	2.4%
Daviess	16,239	2.3%
Madison	15,168	2.1%
Laurel	12,642	1.8%
Campbell	11,873	1.7%
Bullitt	11,549	1.6%
Pike	10,144	1.4%
Christian	9,949	1.4%
Pulaski	9,830	1.4%
Oldham	9,805	1.4%
McCracken	9,714	1.4%
Whitley	8,328	1.2%
Nelson	7,986	1.1%
Boyd	7,972	1.1%
Scott	7,836	1.1%
Jessamine	7,781	1.1%
Barren	7,706	1.1%
Henderson	7,706	1.1%
Hopkins	7,693	1.1%
Graves	7,048	1.0%
Knox	6,985	1.0%
Shelby	6,767	1.0%
Floyd	6,710	0.9%
Franklin	6,610	0.9%
Greenup	6,056	0.9%

County	Cases	Percent
Perry	5,825	0.8%
Bell	5,631	0.8%
Muhlenberg	5,345	0.8%
Boyle	5,167	0.7%
Harlan	5,149	0.7%
Taylor	5,124	0.7%
Calloway	5,038	0.7%
Clay	5,017	0.7%
Clark	4,952	0.7%
Logan	4,930	0.7%
Marshall	4,885	0.7%
Grayson	4,453	0.6%
Carter	4,379	0.6%
Montgomery	4,282	0.6%
Mercer	4,242	0.6%
Ohio	4,177	0.6%
Lincoln	4,095	0.6%
Grant	3,827	0.5%
Marion	3,767	0.5%
Letcher	3,687	0.5%
Allen	3,657	0.5%
Johnson	3,587	0.5%
Hart	3,386	0.5%
Meade	3,333	0.5%
Rowan	3,303	0.5%
Russell	3,288	0.5%
Woodford	3,248	0.5%
McCreary	3,219	0.5%
Anderson	3,107	0.4%
Simpson	3,094	0.4%

County	Cases	Percent
Harrison	3,092	0.4%
Rockcastle	3,034	0.4%
Bourbon	3,014	0.4%
Adair	3,009	0.4%
Wayne	2,845	0.4%
Morgan	2,794	0.4%
Spencer	2,729	0.4%
Garrard	2,664	0.4%
Breckinridge	2,582	0.4%
Casey	2,527	0.4%
Jackson	2,474	0.3%
Lawrence	2,472	0.3%
Mason	2,446	0.3%
Henry	2,442	0.3%
Union	2,427	0.3%
Webster	2,388	0.3%
Powell	2,368	0.3%
Lewis	2,326	0.3%
Larue	2,320	0.3%
Knott	2,298	0.3%
Washington	2,258	0.3%
Butler	2,252	0.3%
Monroe	2,191	0.3%
Caldwell	2,169	0.3%
Green	2,142	0.3%
Estill	2,118	0.3%
Magoffin	2,110	0.3%
Leslie	2,081	0.3%
Fleming	2,045	0.3%
Breathitt	1,913	0.3%

County	Cases	Percent
Clinton	1,909	0.3%
Pendleton	1,906	0.3%
Lyon	1,893	0.3%
Trigg	1,881	0.3%
Metcalfe	1,835	0.3%
Martin	1,809	0.3%
Carroll	1,779	0.3%
Lee	1,690	0.2%
Todd	1,640	0.2%
Bath	1,515	0.2%
Edmonson	1,486	0.2%
McLean	1,395	0.2%
Hancock	1,338	0.2%
Livingston	1,317	0.2%
Owen	1,308	0.2%
Elliott	1,278	0.2%
Gallatin	1,176	0.2%
Wolfe	1,140	0.2%
Trimble	1,137	0.2%
Nicholas	1,088	0.2%
Crittenden	1,083	0.2%
Cumberland	1,048	0.1%
Bracken	1,046	0.1%
Owsley	938	0.1%
Menifee	801	0.1%
Fulton	714	0.1%
Ballard	635	0.1%
Carlisle	600	0.1%
Hickman	535	0.1%
Robertson	323	0.0%

Total Cases
708,236

New Cases by County

County	Cases	Percent
Jefferson	438	16.7%
Fayette	113	4.3%
Kenton	85	3.2%
Boone	70	2.7%
Warren	67	2.6%
Pulaski	53	2.0%
Madison	52	2.0%
Pike	42	1.6%
Campbell	41	1.6%
McCracken	40	1.5%
Hopkins	39	1.5%
Scott	39	1.5%
Whitley	39	1.5%
Daviess	36	1.4%
Jessamine	36	1.4%
Perry	36	1.4%
Franklin	35	1.3%
Hardin	34	1.3%
Lewis	31	1.2%
Bullitt	30	1.1%
Christian	30	1.1%
Grant	30	1.1%
Nelson	30	1.1%
Shelby	30	1.1%
Muhlenberg	29	1.1%
Greenup	28	1.1%
Mercer	27	1.0%
Carter	26	1.0%
Floyd	26	1.0%
Harlan	26	1.0%

County	Cases	Percent
Boyd	24	0.9%
Knox	24	0.9%
Adair	23	0.9%
Powell	23	0.9%
Calloway	22	0.8%
Laurel	22	0.8%
Taylor	22	0.8%
Estill	21	0.8%
Oldham	21	0.8%
Anderson	20	0.8%
Graves	20	0.8%
Henderson	20	0.8%
Bell	19	0.7%
Clark	19	0.7%
Logan	19	0.7%
Pendleton	19	0.7%
Grayson	18	0.7%
Knott	17	0.6%
Letcher	17	0.6%
Green	16	0.6%
Lincoln	16	0.6%
Marshall	16	0.6%
Meade	16	0.6%
Ohio	16	0.6%
Boyle	15	0.6%
Caldwell	15	0.6%
Allen	14	0.5%
Barren	14	0.5%
Harrison	14	0.5%
Magoffin	14	0.5%

County	Cases	Percent
Martin	14	0.5%
Jackson	13	0.5%
Marion	13	0.5%
Rowan	13	0.5%
Hart	12	0.5%
Leslie	12	0.5%
Nicholas	12	0.5%
Rockcastle	12	0.5%
Ballard	11	0.4%
Bourbon	11	0.4%
Breckinridge	11	0.4%
Henry	11	0.4%
Johnson	11	0.4%
Spencer	11	0.4%
Casey	10	0.4%
Clay	10	0.4%
Lawrence	10	0.4%
McCreary	10	0.4%
Mason	10	0.4%
Russell	10	0.4%
Simpson	10	0.4%
Carroll	9	0.3%
Fleming	9	0.3%
Gallatin	9	0.3%
Lyon	9	0.3%
Garrard	8	0.3%
Todd	8	0.3%
Monroe	7	0.3%
Trigg	7	0.3%
Webster	7	0.3%

County	Cases	Percent
Wolfe	7	0.3%
Woodford	7	0.3%
Breathitt	6	0.2%
Butler	6	0.2%
Montgomery	6	0.2%
Morgan	6	0.2%
Owen	6	0.2%
Union	6	0.2%
Washington	6	0.2%
Bracken	5	0.2%
Clinton	5	0.2%
Hancock	5	0.2%
Trimble	5	0.2%
Crittenden	4	0.2%
Edmonson	4	0.2%
Owsley	4	0.2%
Bath	3	0.1%
Elliott	3	0.1%
Fulton	3	0.1%
Hickman	3	0.1%
Larue	3	0.1%
Livingston	3	0.1%
McLean	3	0.1%
Metcalfe	3	0.1%
Wayne	3	0.1%
Carlisle	2	0.1%
Robertson	2	0.1%
Cumberland	1	0.0%
Lee	1	0.0%
Menifee	0	0.0%

Total New Cases
2,625

Total Deaths by County

County	Deaths	Percent
Jefferson	1,535	17.0%
Fayette	368	4.1%
Daviess	248	2.7%
Kenton	241	2.7%
Hardin	238	2.6%
Warren	233	2.6%
Hopkins	187	2.1%
Boone	178	2.0%
Pulaski	161	1.8%
McCracken	160	1.8%
Pike	159	1.8%
Madison	144	1.6%
Barren	127	1.4%
Christian	121	1.3%
Graves	120	1.3%
Harlan	119	1.3%
Bullitt	112	1.2%
Laurel	111	1.2%
Floyd	107	1.2%
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	0.9%
Perry	84	0.9%
Boyle	80	0.9%
Lincoln	80	0.9%

County	Deaths	Percent
Logan	79	0.9%
Whitley	79	0.9%
Grayson	77	0.9%
Greenup	77	0.9%
Nelson	77	0.9%
Marshall	75	0.8%
Ohio	75	0.8%
Franklin	74	0.8%
Taylor	72	0.8%
Adair	68	0.8%
Mercer	68	0.8%
Allen	62	0.7%
Hart	61	0.7%
Letcher	61	0.7%
Calloway	60	0.7%
Mason	58	0.6%
Monroe	57	0.6%
Clay	56	0.6%
Carter	54	0.6%
Lewis	54	0.6%
Russell	54	0.6%
Wayne	54	0.6%
Knox	49	0.5%
Simpson	49	0.5%
Casey	48	0.5%
Jackson	48	0.5%
Montgomery	47	0.5%
Caldwell	46	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%
Larue	40	0.4%
Livingston	40	0.4%
Marion	40	0.4%
Anderson	39	0.4%
McLean	38	0.4%
Metcalfe	38	0.4%
Gallatin	37	0.4%
Lawrence	37	0.4%
Martin	35	0.4%
Crittenden	34	0.4%
Knott	34	0.4%
Meade	34	0.4%
Webster	34	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Fleming	32	0.4%
Butler	31	0.3%
Spencer	31	0.3%
Harrison	30	0.3%
Todd	30	0.3%
Bourbon	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%

County	Deaths	Percent
Breckinridge	27	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	22	0.2%
Powell	21	0.2%
Trigg	21	0.2%
Magoffin	20	0.2%
Menifee	20	0.2%
Hickman	19	0.2%
Ballard	17	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Leslie	16	0.2%
Owsley	16	0.2%
Cumberland	15	0.2%
Nicholas	15	0.2%
Robertson	15	0.2%
Pendleton	14	0.2%
Estill	12	0.1%
Carlisle	11	0.1%
Trimble	11	0.1%
Wolfe	9	0.1%
Bracken	8	0.1%
Elliott	7	0.1%
Morgan	6	0.1%

Total Deaths
9,022

Incidence Rates by County

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

County	Rate
Owsley	139.1
Taylor	127.0
Harlan	116.4
Perry	113.7
Pendleton	107.7
Rockcastle	101.8
Whitley	96.5
Green	95.3
Robertson	88.1
Mercer	84.0
Lawrence	83.9
Grayson	83.2
Wolfe	77.8
Muhlenberg	77.0
Bell	73.0
Estill	70.9
Henry	70.9
Powell	70.5
Knox	68.8
Meade	68.5
Pike	67.6
Floyd	67.0
Garrard	66.3
Greenup	65.1
Leslie	62.2
Harrison	62.0
Letcher	61.6
Simpson	61.5
Russell	61.4
Madison	60.5

County	Rate
Monroe	60.4
Jackson	60.0
Carter	59.7
Boyd	58.4
Cumberland	58.3
Allen	58.3
Metcalfe	58.2
Grant	58.1
Carroll	57.8
Nelson	57.8
Magoffin	57.6
Logan	57.5
Martin	57.4
Adair	57.3
Lincoln	57.0
Ohio	56.6
Nicholas	55.0
Trimble	54.0
McCreary	53.9
Hart	53.3
Marion	52.6
Rowan	51.4
Knott	51.1
Bourbon	48.4
Jessamine	46.7
Breathitt	46.4
Kenton	46.3
Spencer	45.8
Christian	45.6
Warren	45.6

County	Rate
Fulton	45.5
Gallatin	45.1
Jefferson	44.9
Daviess	44.6
Webster	44.2
Hardin	43.6
Bracken	43.0
Henderson	42.7
Bullitt	42.5
Scott	41.9
Casey	41.6
Boone	41.2
McLean	40.3
Fayette	40.1
Laurel	39.9
Clark	39.8
Washington	39.0
Butler	38.8
Clay	38.8
Franklin	38.7
Fleming	38.2
Hopkins	37.7
Mason	37.7
Calloway	35.9
Barren	35.8
Marshall	35.8
Boyle	35.6
Breckinridge	35.6
Graves	34.9
Bath	34.3

County	Rate
Shelby	34.1
Owen	34.1
Union	33.8
Lyon	33.1
Johnson	32.8
Montgomery	32.5
Campbell	32.4
Woodford	32.1
Edmonson	31.7
Caldwell	30.3
Pulaski	29.5
Clinton	29.4
McCracken	29.0
Anderson	28.9
Morgan	27.9
Larue	27.8
Ballard	27.2
Todd	26.7
Hancock	26.2
Oldham	26.1
Trigg	25.4
Lewis	24.8
Menifee	24.2
Wayne	22.5
Lee	21.2
Hickman	19.6
Livingston	18.6
Elliott	13.3
Carlisle	9.0
Crittenden	6.5

Current Overall Incidence Rate
47.67 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.