

KY COVID-19 Report 03AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	487,871	364,067	123,804
Deaths	7,352	6,588	764
New Cases	1,803	981	822
New Cases 18 and Under	372	187	185
Total New Deaths	4	4	0

Duplicates and records not meeting case criteria removed since last report: 47

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
22,725	4.7%	0-9	0.0%	1
54,328	11.1%	10-19	0.0%	1
88,552	18.2%	20-29	0.1%	10
75,727	15.5%	30-39	0.6%	41
73,386	15.0%	40-49	2.1%	157
69,781	14.3%	50-59	6.3%	463
52,668	10.8%	60-69	17.3%	1,273
31,118	6.4%	70-79	27.6%	2,026
19,367	4.0%	80+	46.0%	3,380
219	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,026	0.2%	American Indian	0.1%	8
4,375	1.1%	Asian	0.5%	35
34,121	8.3%	Black	8.0%	561
376	0.1%	Pacific Islander	0.0%	3
351,886	85.3%	White	89.0%	6,272
20,582	5.0%	Multiracial	2.4%	170

Cases	Case Percent	Ethnicity	Death Percent	Deaths
21,050	5.4%	Hispanic	1.6%	111
372,404	94.6%	Non-Hispanic	98.4%	6,693

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 84.5% of cases and 95.9% of deaths
 Ethnicity known for 80.6% of cases and 92.5% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
5,601	56,698	9.88%

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
7,247,019	5,695,922	350,040	1,056,022	597,569	428,448	37,956	131,165

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	24,399	5.00%
Ever ICU	4,945	1.01%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	824
ICU	263
On Ventilator	96

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,534	4,723	64.4%
ICU Beds	1,167	654	64.1%
Ventilators	509	1,292	28.3%

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	53	27	10	6.7%	26.5%	10.1%	62.25%	73.53%	22.22%
Region 2	61	28	9	7.4%	23.0%	10.6%	59.71%	55.74%	23.53%
Region 3	249	74	27	6.6%	13.7%	6.2%	67.03%	61.97%	30.07%
Region 4	47	13	7	5.5%	12.0%	6.2%	52.35%	73.15%	26.55%
Region 5	138	41	15	5.0%	9.9%	2.9%	73.24%	69.47%	38.27%
Region 6	36	7	3	2.8%	4.0%	2.8%	62.09%	38.86%	31.78%
Region 7	39	11	2	6.2%	17.2%	1.6%	58.69%	53.13%	8.13%
Region 8	120	31	16	10.0%	22.8%	10.8%	58.23%	83.09%	27.03%
Region 9	66	18	5	9.9%	15.8%	5.0%	58.26%	59.65%	14.00%
Region 10	15	13	2	3.2%	28.9%	3.0%	62.66%	86.67%	11.94%

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	85,901	17.6%
Fayette	38,027	7.8%
Kenton	17,298	3.5%
Warren	17,161	3.5%
Boone	14,938	3.1%
Daviess	11,693	2.4%
Hardin	10,679	2.2%
Madison	10,027	2.1%
Campbell	9,007	1.8%
Laurel	8,281	1.7%
Oldham	7,950	1.6%
Bullitt	7,852	1.6%
Christian	7,352	1.5%
McCracken	7,231	1.5%
Pulaski	7,086	1.5%
Pike	6,244	1.3%
Scott	5,650	1.2%
Boyd	5,385	1.1%
Henderson	5,344	1.1%
Nelson	5,273	1.1%
Hopkins	5,214	1.1%
Shelby	4,995	1.0%
Jessamine	4,967	1.0%
Barren	4,830	1.0%
Graves	4,608	0.9%
Whitley	4,431	0.9%
Franklin	4,417	0.9%
Knox	4,122	0.8%
Greenup	3,946	0.8%
Floyd	3,862	0.8%

County	Cases	Percent
Calloway	3,818	0.8%
Boyle	3,658	0.7%
Muhlenberg	3,465	0.7%
Taylor	3,326	0.7%
Bell	3,316	0.7%
Clark	3,280	0.7%
Logan	3,147	0.6%
Marshall	3,116	0.6%
Harlan	3,095	0.6%
Clay	3,060	0.6%
Perry	2,987	0.6%
Montgomery	2,962	0.6%
Mercer	2,753	0.6%
Ohio	2,688	0.6%
Grant	2,680	0.5%
Carter	2,628	0.5%
Lincoln	2,538	0.5%
Marion	2,480	0.5%
Grayson	2,385	0.5%
Rowan	2,375	0.5%
Woodford	2,363	0.5%
Morgan	2,351	0.5%
Simpson	2,290	0.5%
Wayne	2,272	0.5%
Allen	2,244	0.5%
Hart	2,232	0.5%
Johnson	2,228	0.5%
Meade	2,209	0.5%
Letcher	2,194	0.4%
Adair	2,074	0.4%

County	Cases	Percent
McCreary	2,051	0.4%
Russell	1,935	0.4%
Anderson	1,912	0.4%
Harrison	1,879	0.4%
Bourbon	1,871	0.4%
Mason	1,813	0.4%
Spencer	1,745	0.4%
Rockcastle	1,719	0.4%
Garrard	1,627	0.3%
Casey	1,591	0.3%
Lyon	1,577	0.3%
Washington	1,575	0.3%
Webster	1,564	0.3%
Lawrence	1,544	0.3%
Union	1,541	0.3%
Caldwell	1,530	0.3%
Butler	1,524	0.3%
Jackson	1,488	0.3%
Henry	1,480	0.3%
Clinton	1,475	0.3%
Lewis	1,472	0.3%
Larue	1,436	0.3%
Breckinridge	1,427	0.3%
Monroe	1,390	0.3%
Powell	1,390	0.3%
Trigg	1,354	0.3%
Lee	1,320	0.3%
Fleming	1,314	0.3%
Green	1,299	0.3%
Knott	1,273	0.3%

County	Cases	Percent
Todd	1,231	0.3%
Estill	1,223	0.3%
Metcalfe	1,146	0.2%
Martin	1,130	0.2%
Pendleton	1,114	0.2%
Breathitt	1,092	0.2%
Bath	1,084	0.2%
Carroll	1,081	0.2%
Magoffin	1,067	0.2%
Leslie	1,027	0.2%
Elliott	1,006	0.2%
Edmonson	949	0.2%
Livingston	948	0.2%
McLean	946	0.2%
Hancock	944	0.2%
Owen	779	0.2%
Gallatin	777	0.2%
Trimble	747	0.2%
Crittenden	725	0.1%
Cumberland	705	0.1%
Bracken	700	0.1%
Nicholas	619	0.1%
Wolfe	562	0.1%
Fulton	558	0.1%
Owsley	523	0.1%
Carlisle	498	0.1%
Menifee	497	0.1%
Ballard	432	0.1%
Hickman	408	0.1%
Robertson	243	0.0%

Total Cases
487,871

New Cases by County

County	Cases	Percent
Jefferson	216	12.0%
Fayette	136	7.5%
Warren	69	3.8%
Hardin	61	3.4%
Laurel	56	3.1%
Boone	55	3.1%
Kenton	44	2.4%
Pulaski	43	2.4%
Daviess	36	2.0%
Bullitt	33	1.8%
Christian	33	1.8%
Whitley	32	1.8%
Pike	31	1.7%
Harlan	30	1.7%
Madison	30	1.7%
Clay	28	1.6%
Boyd	27	1.5%
Perry	25	1.4%
Clark	23	1.3%
Barren	22	1.2%
Jessamine	22	1.2%
Henderson	21	1.2%
McCracken	19	1.1%
Floyd	18	1.0%
Hopkins	18	1.0%
Franklin	17	0.9%
Nelson	17	0.9%
Scott	17	0.9%
Campbell	16	0.9%
Grant	16	0.9%

County	Cases	Percent
Spencer	16	0.9%
Boyle	15	0.8%
Knox	15	0.8%
Logan	15	0.8%
Mercer	15	0.8%
Johnson	14	0.8%
Marshall	14	0.8%
Muhlenberg	14	0.8%
Oldham	14	0.8%
Bell	13	0.7%
Grayson	13	0.7%
Pendleton	13	0.7%
Shelby	13	0.7%
Carter	12	0.7%
Marion	12	0.7%
Monroe	12	0.7%
Woodford	12	0.7%
Calloway	11	0.6%
Montgomery	11	0.6%
Todd	11	0.6%
Washington	11	0.6%
Bourbon	10	0.6%
Greenup	10	0.6%
Martin	10	0.6%
Powell	10	0.6%
Rowan	10	0.6%
Webster	10	0.6%
Graves	9	0.5%
Hart	9	0.5%
Larue	9	0.5%

County	Cases	Percent
Letcher	9	0.5%
Meade	9	0.5%
Leslie	8	0.4%
Ohio	8	0.4%
Butler	7	0.4%
Carroll	7	0.4%
Garrard	7	0.4%
Henry	7	0.4%
Morgan	7	0.4%
Rockcastle	7	0.4%
Simpson	7	0.4%
Allen	6	0.3%
Anderson	6	0.3%
Bracken	6	0.3%
Fleming	6	0.3%
Jackson	6	0.3%
Livingston	6	0.3%
Taylor	6	0.3%
Trimble	6	0.3%
Wolfe	6	0.3%
Adair	5	0.3%
Breathitt	5	0.3%
Casey	5	0.3%
Green	5	0.3%
Lewis	5	0.3%
Lincoln	5	0.3%
Metcalfe	5	0.3%
Wayne	5	0.3%
Elliott	4	0.2%
Knott	4	0.2%

County	Cases	Percent
McLean	4	0.2%
Magoffin	4	0.2%
Union	4	0.2%
Breckinridge	3	0.2%
Caldwell	3	0.2%
Hancock	3	0.2%
McCreary	3	0.2%
Mason	3	0.2%
Estill	2	0.1%
Harrison	2	0.1%
Lee	2	0.1%
Lyon	2	0.1%
Ballard	1	0.1%
Bath	1	0.1%
Crittenden	1	0.1%
Fulton	1	0.1%
Gallatin	1	0.1%
Hickman	1	0.1%
Lawrence	1	0.1%
Owen	1	0.1%
Russell	1	0.1%
Carlisle	0	0.0%
Clinton	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Menifee	0	0.0%
Nicholas	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%
Trigg	0	0.0%

Total New Cases
1,803

Total Deaths by County

County	Deaths	Percent
Jefferson	1,348	18.3%
Fayette	318	4.3%
Kenton	209	2.8%
Daviess	196	2.7%
Warren	192	2.6%
Hardin	172	2.3%
Hopkins	153	2.1%
Boone	149	2.0%
McCracken	135	1.8%
Pulaski	116	1.6%
Madison	113	1.5%
Pike	113	1.5%
Christian	108	1.5%
Barren	105	1.4%
Graves	99	1.3%
Harlan	93	1.3%
Oldham	85	1.2%
Bullitt	83	1.1%
Laurel	82	1.1%
Campbell	80	1.1%
Henderson	80	1.1%
Shelby	79	1.1%
Boyle	78	1.1%
Boyd	77	1.0%
Jessamine	75	1.0%
Floyd	74	1.0%
Logan	74	1.0%
Muhlenberg	70	1.0%
Perry	66	0.9%
Greenup	63	0.9%

County	Deaths	Percent
Marshall	63	0.9%
Nelson	63	0.9%
Whitley	62	0.8%
Lincoln	61	0.8%
Franklin	60	0.8%
Bell	58	0.8%
Grayson	58	0.8%
Hart	55	0.7%
Ohio	55	0.7%
Adair	54	0.7%
Mercer	54	0.7%
Taylor	53	0.7%
Calloway	50	0.7%
Wayne	48	0.7%
Knox	47	0.6%
Letcher	47	0.6%
Allen	46	0.6%
Clay	46	0.6%
Russell	46	0.6%
Monroe	44	0.6%
Simpson	44	0.6%
Lewis	42	0.6%
Washington	41	0.6%
Mason	40	0.5%
Casey	39	0.5%
Marion	39	0.5%
Carter	37	0.5%
Garrard	37	0.5%
Johnson	37	0.5%
Scott	36	0.5%

County	Deaths	Percent
McCreary	34	0.5%
Gallatin	33	0.4%
Caldwell	32	0.4%
Clark	32	0.4%
Jackson	32	0.4%
Clinton	31	0.4%
Metcalfe	31	0.4%
Montgomery	30	0.4%
Larue	29	0.4%
Lawrence	29	0.4%
McLean	29	0.4%
Butler	28	0.4%
Todd	28	0.4%
Harrison	27	0.4%
Meade	27	0.4%
Lee	26	0.4%
Edmonson	25	0.3%
Fleming	25	0.3%
Knott	25	0.3%
Livingston	25	0.3%
Spencer	25	0.3%
Anderson	24	0.3%
Bath	24	0.3%
Crittenden	24	0.3%
Rockcastle	24	0.3%
Webster	24	0.3%
Grant	22	0.3%
Lyon	22	0.3%
Rowan	22	0.3%
Woodford	22	0.3%

County	Deaths	Percent
Carroll	21	0.3%
Bourbon	20	0.3%
Henry	20	0.3%
Martin	20	0.3%
Breckinridge	18	0.2%
Magoffin	18	0.2%
Union	18	0.2%
Green	17	0.2%
Menifee	17	0.2%
Fulton	16	0.2%
Hickman	16	0.2%
Owsley	16	0.2%
Hancock	15	0.2%
Trigg	15	0.2%
Robertson	14	0.2%
Owen	13	0.2%
Powell	13	0.2%
Cumberland	12	0.2%
Estill	12	0.2%
Breathitt	11	0.1%
Ballard	10	0.1%
Carlisle	10	0.1%
Leslie	9	0.1%
Nicholas	9	0.1%
Bracken	8	0.1%
Trimble	8	0.1%
Wolfe	7	0.1%
Morgan	5	0.1%
Pendleton	4	0.1%
Elliott	2	0.0%

Total Deaths
7,352

Incidence Rates by County

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

County	Rate
Clay	108.4
Jackson	81.5
Laurel	73.8
Floyd	70.6
Hart	69.0
Carter	59.7
Webster	59.6
Muhlenberg	59.2
Letcher	59.0
Knox	56.4
Metcalfe	55.3
Whitley	55.2
Knott	54.0
Henderson	53.1
Hopkins	53.1
Leslie	52.1
Washington	49.6
Henry	47.8
Ohio	47.6
Nelson	43.9
Harlan	43.4
Barren	43.3
Todd	43.0
Perry	42.2
Fleming	42.1
Spencer	42.1
Green	41.8
Calloway	41.0
Trimble	40.5
Carroll	40.3

County	Rate
Bell	40.1
Logan	40.1
Union	39.7
Martin	39.6
Marshall	39.0
Owsley	38.8
Larue	37.7
Warren	37.6
Daviess	37.4
Lincoln	37.2
Pulaski	37.2
Grayson	36.8
Boyle	36.6
Mercer	36.5
Anderson	36.4
Monroe	36.2
Simpson	36.2
McLean	34.1
Hardin	33.6
Johnson	33.5
Lewis	33.4
Franklin	33.1
Hancock	32.8
Boyd	32.7
Pendleton	32.3
Adair	32.0
Clark	31.9
Breckinridge	31.4
Bullitt	31.3
Shelby	30.9

County	Rate
Graves	30.3
Taylor	29.9
Greenup	29.7
Montgomery	29.4
Pike	29.4
Bourbon	28.9
Woodford	28.3
Casey	28.3
Fayette	28.2
Garrard	27.5
Grant	27.4
McCracken	26.9
Butler	25.5
Madison	24.6
Christian	24.5
Marion	24.5
Jefferson	24.4
Mason	24.3
Bracken	24.1
Jessamine	24.0
Rockcastle	24.0
Scott	23.8
Lee	23.2
Boone	22.9
Allen	22.8
Powell	22.0
Oldham	21.4
Robertson	20.3
Caldwell	20.2
Magoffin	20.0

County	Rate
McCreary	19.9
Lyon	19.1
Russell	19.1
Breathitt	18.1
Wolfe	18.0
Lawrence	17.7
Elliott	17.1
Livingston	17.1
Gallatin	16.1
Bath	16.0
Meade	16.0
Harrison	15.1
Kenton	14.3
Rowan	14.0
Morgan	14.0
Campbell	13.6
Estill	13.2
Cumberland	13.0
Ballard	12.7
Clinton	12.6
Nicholas	11.8
Edmonson	11.8
Crittenden	11.4
Wayne	11.2
Fulton	9.6
Carlisle	9.0
Menifee	6.6
Owen	6.6
Trigg	4.9
Hickman	3.3

Current Overall Incidence Rate
31.20 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.