

KY COVID-19 Report

02AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	486,115	363,130	122,985
Deaths	7,348	6,584	764
New Cases	1,052	703	349
New Cases 18 and Under	231	146	85
Total New Deaths	5	5	0

Duplicates and records not meeting case criteria removed since last report: 0

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
22,574	4.6%	0-9	0.0%	1
54,083	11.1%	10-19	0.0%	1
88,227	18.1%	20-29	0.1%	10
75,449	15.5%	30-39	0.6%	41
73,137	15.0%	40-49	2.1%	157
69,567	14.3%	50-59	6.3%	463
52,509	10.8%	60-69	17.3%	1,272
31,027	6.4%	70-79	27.6%	2,025
19,323	4.0%	80+	46.0%	3,378
219	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,018	0.2%	American Indian	0.1%	8
4,361	1.1%	Asian	0.5%	35
33,884	8.3%	Black	8.0%	561
375	0.1%	Pacific Islander	0.0%	3
349,402	85.3%	White	89.0%	6,269
20,440	5.0%	Multiracial	2.4%	170

Cases	Case Percent	Ethnicity	Death Percent	Deaths
21,012	5.4%	Hispanic	1.6%	111
370,721	94.6%	Non-Hispanic	98.4%	6,689

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 84.2% 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
5,510	56,382	9.77%

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
7,234,133	5,688,971	349,960	1,050,623	595,798	427,553	37,944	130,301

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	24,336	5.01%
Ever ICU	4,937	1.02%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	796
ICU	250
On Ventilator	98

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,644	4,607	65.2%
ICU Beds	1,153	662	63.5%
Ventilators	502	1,297	27.9%

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	57	26	12	7.2%	25.5%	12.4%	61.11%	70.59%	21.65%
Region 2	65	20	8	7.9%	16.4%	9.4%	58.25%	56.56%	23.53%
Region 3	243	67	30	6.5%	12.6%	6.8%	67.67%	59.29%	30.84%
Region 4	43	12	6	5.0%	11.1%	5.6%	50.70%	63.89%	22.22%
Region 5	130	43	15	4.7%	10.3%	2.8%	73.96%	73.80%	37.00%
Region 6	42	9	5	3.3%	5.1%	4.7%	62.25%	37.14%	34.58%
Region 7	27	8	1	4.3%	12.5%	0.8%	63.00%	57.81%	9.92%
Region 8	111	33	14	9.3%	24.3%	9.5%	64.83%	85.29%	25.85%
Region 9	61	19	5	9.2%	16.7%	5.0%	57.36%	55.26%	10.89%
Region 10	17	13	2	3.6%	28.9%	3.1%	63.29%	86.67%	12.31%

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	85,706	17.6%
Fayette	37,892	7.8%
Kenton	17,255	3.5%
Warren	17,102	3.5%
Boone	14,884	3.1%
Daviess	11,656	2.4%
Hardin	10,629	2.2%
Madison	9,999	2.1%
Campbell	8,990	1.8%
Laurel	8,228	1.7%
Oldham	7,932	1.6%
Bullitt	7,822	1.6%
Christian	7,318	1.5%
McCracken	7,212	1.5%
Pulaski	7,044	1.4%
Pike	6,214	1.3%
Scott	5,634	1.2%
Boyd	5,358	1.1%
Henderson	5,322	1.1%
Nelson	5,258	1.1%
Hopkins	5,196	1.1%
Shelby	4,983	1.0%
Jessamine	4,946	1.0%
Barren	4,804	1.0%
Graves	4,598	0.9%
Whitley	4,406	0.9%
Franklin	4,400	0.9%
Knox	4,098	0.8%
Greenup	3,937	0.8%
Floyd	3,843	0.8%

County	Cases	Percent
Calloway	3,807	0.8%
Boyle	3,643	0.7%
Muhlenberg	3,451	0.7%
Taylor	3,321	0.7%
Bell	3,303	0.7%
Clark	3,256	0.7%
Logan	3,133	0.6%
Marshall	3,106	0.6%
Harlan	3,065	0.6%
Clay	3,032	0.6%
Perry	2,963	0.6%
Montgomery	2,951	0.6%
Mercer	2,739	0.6%
Ohio	2,680	0.6%
Grant	2,665	0.5%
Carter	2,616	0.5%
Lincoln	2,532	0.5%
Marion	2,468	0.5%
Grayson	2,373	0.5%
Rowan	2,367	0.5%
Woodford	2,350	0.5%
Morgan	2,344	0.5%
Simpson	2,283	0.5%
Wayne	2,267	0.5%
Allen	2,237	0.5%
Hart	2,218	0.5%
Johnson	2,215	0.5%
Meade	2,200	0.5%
Letcher	2,185	0.4%
Adair	2,069	0.4%

County	Cases	Percent
McCreary	2,048	0.4%
Russell	1,934	0.4%
Anderson	1,906	0.4%
Harrison	1,879	0.4%
Bourbon	1,860	0.4%
Mason	1,811	0.4%
Spencer	1,730	0.4%
Rockcastle	1,712	0.4%
Garrard	1,619	0.3%
Casey	1,586	0.3%
Lyon	1,575	0.3%
Washington	1,563	0.3%
Webster	1,554	0.3%
Lawrence	1,543	0.3%
Union	1,538	0.3%
Caldwell	1,529	0.3%
Butler	1,517	0.3%
Jackson	1,482	0.3%
Clinton	1,474	0.3%
Henry	1,473	0.3%
Lewis	1,466	0.3%
Larue	1,427	0.3%
Breckinridge	1,423	0.3%
Powell	1,380	0.3%
Monroe	1,378	0.3%
Trigg	1,354	0.3%
Lee	1,318	0.3%
Fleming	1,307	0.3%
Green	1,294	0.3%
Knott	1,268	0.3%

County	Cases	Percent
Estill	1,221	0.3%
Todd	1,219	0.3%
Metcalfe	1,140	0.2%
Martin	1,120	0.2%
Pendleton	1,101	0.2%
Breathitt	1,087	0.2%
Bath	1,083	0.2%
Carroll	1,074	0.2%
Magoffin	1,063	0.2%
Leslie	1,018	0.2%
Elliott	1,002	0.2%
Edmonson	949	0.2%
McLean	943	0.2%
Livingston	942	0.2%
Hancock	941	0.2%
Owen	779	0.2%
Gallatin	775	0.2%
Trimble	741	0.2%
Crittenden	724	0.1%
Cumberland	706	0.1%
Bracken	694	0.1%
Nicholas	619	0.1%
Fulton	557	0.1%
Wolfe	556	0.1%
Owsley	523	0.1%
Carlisle	498	0.1%
Menifee	497	0.1%
Ballard	431	0.1%
Hickman	407	0.1%
Robertson	243	0.0%

Total Cases
486,115

New Cases by County

County	Cases	Percent
Jefferson	139	13.2%
Fayette	48	4.6%
Pulaski	46	4.4%
Laurel	39	3.7%
Warren	30	2.9%
Bullitt	29	2.8%
Whitley	27	2.6%
Calloway	26	2.5%
Nelson	26	2.5%
Pike	26	2.5%
Daviess	24	2.3%
Marshall	21	2.0%
Barren	20	1.9%
Hardin	19	1.8%
Carter	18	1.7%
Floyd	18	1.7%
Lincoln	17	1.6%
Boyle	16	1.5%
Hart	16	1.5%
Boone	15	1.4%
Graves	15	1.4%
McCracken	15	1.4%
Clark	14	1.3%
Hopkins	14	1.3%
Christian	13	1.2%
Montgomery	13	1.2%
Shelby	13	1.2%
Clay	12	1.1%
Franklin	12	1.1%
Oldham	12	1.1%

County	Cases	Percent
Greenup	11	1.0%
Jessamine	11	1.0%
Henry	10	1.0%
Kenton	10	1.0%
Henderson	9	0.9%
Jackson	9	0.9%
Larue	9	0.9%
Letcher	9	0.9%
Muhlenberg	9	0.9%
Perry	9	0.9%
Todd	8	0.8%
Webster	8	0.8%
Boyd	7	0.7%
Garrard	7	0.7%
Knox	7	0.7%
Logan	7	0.7%
Metcalfe	7	0.7%
Taylor	7	0.7%
Casey	6	0.6%
Mercer	6	0.6%
Ohio	6	0.6%
Scott	6	0.6%
Wayne	6	0.6%
Bourbon	5	0.5%
Johnson	5	0.5%
Spencer	5	0.5%
Washington	5	0.5%
Adair	4	0.4%
Allen	4	0.4%
Breckinridge	4	0.4%

County	Cases	Percent
Grayson	4	0.4%
Madison	4	0.4%
Bell	3	0.3%
Breathitt	3	0.3%
Butler	3	0.3%
Campbell	3	0.3%
Cumberland	3	0.3%
Knott	3	0.3%
Lawrence	3	0.3%
Leslie	3	0.3%
Livingston	3	0.3%
Magoffin	3	0.3%
Trimble	3	0.3%
Caldwell	2	0.2%
Carroll	2	0.2%
Grant	2	0.2%
Green	2	0.2%
Harlan	2	0.2%
Marion	2	0.2%
Mason	2	0.2%
Meade	2	0.2%
Owsley	2	0.2%
Pendleton	2	0.2%
Ballard	1	0.1%
Bath	1	0.1%
Carlisle	1	0.1%
Clinton	1	0.1%
Crittenden	1	0.1%
Edmonson	1	0.1%
Estill	1	0.1%

County	Cases	Percent
Fleming	1	0.1%
Gallatin	1	0.1%
Hancock	1	0.1%
Harrison	1	0.1%
Lewis	1	0.1%
Lyon	1	0.1%
McCreary	1	0.1%
McLean	1	0.1%
Martin	1	0.1%
Powell	1	0.1%
Rowan	1	0.1%
Russell	1	0.1%
Simpson	1	0.1%
Trigg	1	0.1%
Union	1	0.1%
Anderson	0	0.0%
Bracken	0	0.0%
Elliott	0	0.0%
Fulton	0	0.0%
Hickman	0	0.0%
Lee	0	0.0%
Menifee	0	0.0%
Monroe	0	0.0%
Morgan	0	0.0%
Nicholas	0	0.0%
Owen	0	0.0%
Robertson	0	0.0%
Rockcastle	0	0.0%
Wolfe	0	0.0%
Woodford	0	0.0%

Total New Cases
1,052

Total Deaths by County

County	Deaths	Percent
Jefferson	1,347	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	79	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	41	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	23	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
7,348

Incidence Rates by County

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

County	Rate
Clay	104.8
Jackson	89.0
Laurel	70.5
Floyd	69.4
Hart	68.3
Letcher	61.6
Muhlenberg	59.7
Metcalf	58.2
Webster	57.4
Knox	55.5
Carter	55.4
Whitley	55.2
Knott	55.0
Hopkins	53.7
Ohio	50.0
Henderson	49.3
Washington	46.1
Henry	43.4
Leslie	43.4
Calloway	43.2
Union	42.7
Nelson	42.3
Marshall	41.8
Barren	40.0
Daviess	38.8
Owsley	38.8
McLean	38.8
Simpson	38.5
Bell	38.4
Adair	37.9

County	Rate
Green	37.9
Fleming	37.2
Martin	37.0
Logan	36.4
Lincoln	36.1
Warren	35.8
Trimble	35.4
Spencer	34.7
Perry	34.4
Pulaski	34.3
Hardin	34.1
Anderson	33.9
Carroll	33.6
Grayson	33.0
Taylor	32.7
Todd	32.5
Shelby	31.8
Lewis	31.2
Hancock	31.1
Boyle	30.9
Franklin	30.8
Larue	30.8
Breckinridge	30.7
Graves	30.7
Bullitt	30.4
McCreary	29.8
Greenup	29.3
Harlan	29.1
Johnson	29.0
Pike	28.1

County	Rate
Madison	27.8
Clark	27.6
Garrard	27.5
Fayette	27.5
Pendleton	27.4
Montgomery	26.9
McCracken	26.9
Woodford	26.7
Mercer	26.7
Rockcastle	26.5
Boyd	26.0
Mason	25.9
Bourbon	25.3
Jessamine	25.1
Monroe	24.1
Bracken	24.1
Casey	23.9
Jefferson	22.8
Grant	22.2
Butler	22.2
Scott	21.1
Allen	20.8
Oldham	20.7
Russell	20.7
Lawrence	20.5
Robertson	20.3
Marion	20.0
Lee	19.3
Caldwell	19.1
Boone	18.9

County	Rate
Christian	18.4
Gallatin	17.7
Lyon	17.4
Harrison	17.4
Bath	17.1
Meade	15.5
Magoffin	15.3
Cumberland	15.1
Estill	14.2
Powell	13.9
Nicholas	13.8
Breathitt	13.6
Elliott	13.3
Campbell	13.1
Edmonson	12.9
Clinton	12.6
Kenton	12.4
Crittenden	11.4
Ballard	10.9
Rowan	9.3
Carlisle	9.0
Menifee	8.8
Wayne	8.4
Wolfe	8.0
Owen	7.9
Livingston	7.8
Morgan	7.5
Fulton	7.2
Trigg	5.9
Hickman	0.0

Current Overall Incidence Rate
29.64 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.