

KY COVID-19 Report 08AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	498,966	371,408	127,558
Deaths	7,380	6,616	764
New Cases	1,442	1,066	376
New Cases 18 and Under	285	216	69
Total New Deaths	4	4	0

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
23,701	4.8%	0-9	0.0%	1
55,820	11.2%	10-19	0.0%	1
90,572	18.2%	20-29	0.2%	12
77,586	15.5%	30-39	0.6%	41
75,049	15.0%	40-49	2.2%	159
71,135	14.3%	50-59	6.3%	465
53,650	10.8%	60-69	17.4%	1,285
31,639	6.3%	70-79	27.5%	2,032
19,593	3.9%	80+	45.9%	3,384
221	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,051	0.2%	American Indian	0.1%	8
4,415	1.0%	Asian	0.5%	37
34,779	8.3%	Black	8.0%	564
376	0.1%	Pacific Islander	0.1%	4
359,006	85.4%	White	89.0%	6,296
20,933	5.0%	Multiracial	2.4%	169

Cases	Case Percent	Ethnicity	Death Percent	Deaths
21,291	5.3%	Hispanic	1.6%	112
381,292	94.7%	Non-Hispanic	98.4%	6,723

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.3% of cases and 95.9% of deaths
Ethnicity known for 80.7% of cases and 92.6% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
8,171	77,284	10.57%

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
7,365,905	5,775,389	353,215	1,088,709	611,359	437,074	38,826	135,459

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	24,666	4.94%
Ever ICU	4,997	1.00%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,083
ICU	321
On Ventilator	138

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,750	4,501	66.0%
ICU Beds	1,177	638	64.8%
Ventilators	538	1,263	29.9%

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	62	28	15	7.8%	27.5%	15.2%	58.21%	73.53%	23.23%
Region 2	77	25	8	9.3%	20.5%	9.4%	61.65%	56.56%	18.82%
Region 3	338	85	36	9.0%	15.9%	8.2%	68.78%	60.41%	34.47%
Region 4	64	25	11	7.5%	23.1%	9.7%	53.64%	75.93%	27.43%
Region 5	192	59	31	6.9%	14.2%	5.9%	75.30%	75.24%	38.12%
Region 6	59	13	3	4.6%	7.4%	2.8%	69.22%	40.57%	28.97%
Region 7	64	14	4	10.2%	21.9%	3.3%	64.59%	57.81%	9.09%
Region 8	130	35	18	10.9%	25.7%	12.2%	60.65%	78.68%	30.61%
Region 9	74	23	8	11.1%	20.2%	8.0%	60.21%	53.51%	17.00%
Region 10	23	14	4	4.9%	31.1%	6.1%	48.10%	88.89%	19.70%

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	87,436	17.5%
Fayette	38,661	7.7%
Kenton	17,518	3.5%
Warren	17,474	3.5%
Boone	15,160	3.0%
Daviess	12,059	2.4%
Hardin	11,008	2.2%
Madison	10,223	2.0%
Campbell	9,133	1.8%
Laurel	8,540	1.7%
Oldham	8,057	1.6%
Bullitt	8,007	1.6%
Christian	7,472	1.5%
McCracken	7,399	1.5%
Pulaski	7,276	1.5%
Pike	6,495	1.3%
Scott	5,762	1.2%
Henderson	5,530	1.1%
Boyd	5,503	1.1%
Nelson	5,433	1.1%
Hopkins	5,336	1.1%
Shelby	5,138	1.0%
Jessamine	5,073	1.0%
Barren	4,991	1.0%
Graves	4,712	0.9%
Whitley	4,564	0.9%
Franklin	4,559	0.9%
Knox	4,221	0.8%
Greenup	4,038	0.8%
Floyd	4,021	0.8%

County	Cases	Percent
Calloway	3,935	0.8%
Boyle	3,743	0.8%
Muhlenberg	3,562	0.7%
Bell	3,393	0.7%
Taylor	3,391	0.7%
Clark	3,385	0.7%
Logan	3,289	0.7%
Marshall	3,243	0.6%
Clay	3,200	0.6%
Harlan	3,160	0.6%
Montgomery	3,100	0.6%
Perry	3,064	0.6%
Mercer	2,815	0.6%
Carter	2,754	0.6%
Ohio	2,740	0.5%
Grant	2,728	0.5%
Lincoln	2,617	0.5%
Marion	2,529	0.5%
Grayson	2,438	0.5%
Rowan	2,416	0.5%
Woodford	2,415	0.5%
Morgan	2,368	0.5%
Hart	2,329	0.5%
Simpson	2,316	0.5%
Johnson	2,310	0.5%
Wayne	2,293	0.5%
Allen	2,286	0.5%
Letcher	2,271	0.5%
Meade	2,257	0.5%
Adair	2,117	0.4%

County	Cases	Percent
McCreary	2,075	0.4%
Anderson	1,970	0.4%
Russell	1,961	0.4%
Bourbon	1,920	0.4%
Harrison	1,908	0.4%
Mason	1,842	0.4%
Spencer	1,810	0.4%
Rockcastle	1,755	0.4%
Garrard	1,649	0.3%
Webster	1,643	0.3%
Casey	1,635	0.3%
Washington	1,633	0.3%
Union	1,616	0.3%
Lyon	1,603	0.3%
Caldwell	1,583	0.3%
Lawrence	1,576	0.3%
Butler	1,555	0.3%
Jackson	1,545	0.3%
Henry	1,536	0.3%
Lewis	1,512	0.3%
Breckinridge	1,495	0.3%
Clinton	1,492	0.3%
Larue	1,477	0.3%
Powell	1,417	0.3%
Monroe	1,415	0.3%
Trigg	1,376	0.3%
Fleming	1,354	0.3%
Lee	1,326	0.3%
Green	1,320	0.3%
Knott	1,310	0.3%

County	Cases	Percent
Todd	1,262	0.3%
Estill	1,249	0.3%
Metcalfe	1,195	0.2%
Martin	1,153	0.2%
Pendleton	1,147	0.2%
Breathitt	1,121	0.2%
Magoffin	1,119	0.2%
Bath	1,100	0.2%
Carroll	1,100	0.2%
Leslie	1,061	0.2%
Elliott	1,018	0.2%
Edmonson	978	0.2%
Livingston	976	0.2%
McLean	968	0.2%
Hancock	965	0.2%
Owen	811	0.2%
Gallatin	792	0.2%
Trimble	764	0.2%
Crittenden	739	0.1%
Bracken	722	0.1%
Cumberland	719	0.1%
Nicholas	627	0.1%
Wolfe	575	0.1%
Fulton	560	0.1%
Owsley	534	0.1%
Carlisle	514	0.1%
Menifee	514	0.1%
Ballard	446	0.1%
Hickman	410	0.1%
Robertson	246	0.0%

Total Cases
498,966

New Cases by County

County	Cases	Percent
Jefferson	273	18.9%
Fayette	82	5.7%
Warren	48	3.3%
Laurel	43	3.0%
Boone	37	2.6%
Daviess	34	2.4%
Kenton	32	2.2%
Hardin	30	2.1%
Madison	28	1.9%
Bullitt	25	1.7%
Pike	23	1.6%
Scott	23	1.6%
Whitley	23	1.6%
Calloway	21	1.5%
Henderson	21	1.5%
Montgomery	21	1.5%
McCracken	19	1.3%
Shelby	19	1.3%
Campbell	18	1.2%
Floyd	18	1.2%
Nelson	18	1.2%
Carter	17	1.2%
Christian	17	1.2%
Clay	17	1.2%
Franklin	17	1.2%
Hopkins	17	1.2%
Jessamine	16	1.1%
Logan	16	1.1%
Oldham	16	1.1%
Bell	14	1.0%

County	Cases	Percent
Anderson	13	0.9%
Clark	13	0.9%
Jackson	13	0.9%
Barren	12	0.8%
Boyd	12	0.8%
Greenup	12	0.8%
Harlan	12	0.8%
Marshall	12	0.8%
Washington	12	0.8%
Spencer	11	0.8%
Union	11	0.8%
Boyle	10	0.7%
Grayson	10	0.7%
Henry	10	0.7%
Johnson	10	0.7%
Taylor	10	0.7%
Breathitt	9	0.6%
Fleming	9	0.6%
Letcher	9	0.6%
Webster	9	0.6%
Woodford	9	0.6%
Lincoln	8	0.6%
Magoffin	8	0.6%
Mercer	8	0.6%
Metcalfe	8	0.6%
Rockcastle	8	0.6%
Graves	7	0.5%
Marion	7	0.5%
Pulaski	7	0.5%
Butler	6	0.4%

County	Cases	Percent
Rowan	6	0.4%
Trigg	6	0.4%
Trimble	6	0.4%
Edmonson	5	0.3%
Harrison	5	0.3%
Knox	5	0.3%
Lawrence	5	0.3%
Ohio	5	0.3%
Perry	5	0.3%
Allen	4	0.3%
Bourbon	4	0.3%
Casey	4	0.3%
Estill	4	0.3%
Garrard	4	0.3%
Green	4	0.3%
Knott	4	0.3%
Larue	4	0.3%
Lewis	4	0.3%
Meade	4	0.3%
Monroe	4	0.3%
Breckinridge	3	0.2%
Carlisle	3	0.2%
Hart	3	0.2%
Leslie	3	0.2%
Menifee	3	0.2%
Pendleton	3	0.2%
Powell	3	0.2%
Simpson	3	0.2%
Todd	3	0.2%
Ballard	2	0.1%

County	Cases	Percent
Cumberland	2	0.1%
Grant	2	0.1%
Lyon	2	0.1%
Morgan	2	0.1%
Muhlenberg	2	0.1%
Owsley	2	0.1%
Bath	1	0.1%
Bracken	1	0.1%
Caldwell	1	0.1%
Carroll	1	0.1%
Elliott	1	0.1%
Hancock	1	0.1%
McCreary	1	0.1%
McLean	1	0.1%
Mason	1	0.1%
Owen	1	0.1%
Wolfe	1	0.1%
Adair	0	0.0%
Clinton	0	0.0%
Crittenden	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Hickman	0	0.0%
Lee	0	0.0%
Livingston	0	0.0%
Martin	0	0.0%
Nicholas	0	0.0%
Robertson	0	0.0%
Russell	0	0.0%
Wayne	0	0.0%

Total New Cases
1,442

Total Deaths by County

County	Deaths	Percent
Jefferson	1,353	18.3%
Fayette	319	4.3%
Kenton	210	2.8%
Daviess	200	2.7%
Warren	193	2.6%
Hardin	174	2.4%
Hopkins	154	2.1%
Boone	151	2.0%
McCracken	136	1.8%
Pulaski	118	1.6%
Madison	113	1.5%
Pike	113	1.5%
Christian	108	1.5%
Barren	106	1.4%
Graves	99	1.3%
Harlan	93	1.3%
Oldham	85	1.2%
Bullitt	83	1.1%
Laurel	82	1.1%
Boyle	80	1.1%
Campbell	80	1.1%
Henderson	80	1.1%
Shelby	79	1.1%
Boyd	77	1.0%
Jessamine	75	1.0%
Floyd	74	1.0%
Logan	74	1.0%
Muhlenberg	70	0.9%
Perry	66	0.9%
Marshall	64	0.9%

County	Deaths	Percent
Greenup	63	0.9%
Nelson	63	0.9%
Whitley	63	0.9%
Lincoln	61	0.8%
Franklin	60	0.8%
Bell	58	0.8%
Grayson	58	0.8%
Ohio	56	0.8%
Hart	55	0.7%
Adair	54	0.7%
Taylor	53	0.7%
Mercer	52	0.7%
Calloway	50	0.7%
Wayne	48	0.7%
Allen	47	0.6%
Knox	47	0.6%
Letcher	47	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%
Spencer	26	0.4%
Crittenden	25	0.3%
Edmonson	25	0.3%
Fleming	25	0.3%
Knott	25	0.3%
Livingston	25	0.3%
Webster	25	0.3%
Anderson	24	0.3%
Bath	24	0.3%
Rockcastle	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
7,380

Incidence Rates by County

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

County	Rate
Clay	128.5
Webster	107.1
Hart	90.1
Logan	85.9
Laurel	85.5
Metcalfe	85.1
Carter	82.6
Montgomery	82.2
Washington	81.5
Union	78.5
Floyd	77.9
Jackson	77.2
Marshall	72.6
Whitley	69.7
Pike	67.6
Henderson	67.6
Barren	65.2
Leslie	65.1
Henry	63.8
Letcher	63.6
Spencer	62.8
Johnson	61.8
Nelson	61.5
Larue	59.5
Daviess	59.5
Perry	58.2
Knox	56.9
Calloway	56.4
Clark	56.3
Boyle	55.6

County	Rate
Muhlenberg	55.5
Mercer	54.7
Caldwell	53.8
Todd	53.5
Harlan	53.3
Magoffin	52.9
Hardin	52.5
Bell	51.6
Monroe	51.0
Breckinridge	49.5
Pulaski	49.2
Shelby	49.0
Carlisle	48.0
Bourbon	47.6
Franklin	47.6
Graves	47.2
Allen	46.9
Marion	46.7
Hopkins	46.7
Boyd	46.2
Fleming	46.0
Pendleton	46.0
Butler	45.5
Lincoln	45.4
Greenup	45.2
Powell	45.1
Warren	44.4
Lewis	44.1
Trimble	43.8
Taylor	42.7

County	Rate
Hancock	42.6
Casey	42.4
Martin	42.1
McLean	41.9
Bracken	41.3
McCracken	41.3
Knott	39.6
Livingston	38.8
Owsley	38.8
Anderson	38.3
Ohio	38.1
Owen	38.0
Bullitt	37.6
Menifee	37.4
Fayette	36.8
Carroll	36.3
Grayson	36.2
Jessamine	36.2
Wolfe	35.9
Green	35.3
Jefferson	34.8
Cumberland	34.6
Madison	34.4
Breathitt	33.9
Lawrence	33.6
Adair	33.5
Rockcastle	33.4
Edmonson	32.9
Scott	32.6
Woodford	32.1

County	Rate
Christian	32.0
Grant	31.3
Elliott	30.4
Boone	29.6
Estill	29.4
Ballard	29.0
Oldham	28.4
Garrard	28.3
Rowan	28.0
Mason	27.6
Meade	27.5
Simpson	26.2
Gallatin	25.8
Clinton	25.2
Harrison	22.7
Lyon	22.6
Morgan	22.5
Wayne	22.5
Kenton	21.9
McCreary	21.6
Bath	20.6
Robertson	20.3
Campbell	20.1
Russell	19.9
Nicholas	15.7
Crittenden	14.6
Lee	11.6
Hickman	9.8
Trigg	7.8
Fulton	7.2

Current Overall Incidence Rate
43.28 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.