

KY COVID-19 Report 05AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	492,556	367,007	125,549
Deaths	7,366	6,602	764
New Cases	2,217	1,512	705
New Cases 18 and Under	478	309	169
Total New Deaths	4	4	0

Duplicates and records not meeting case criteria removed since last report: 60

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
23,134	4.7%	0-9	0.0%	1
54,946	11.2%	10-19	0.0%	1
89,410	18.2%	20-29	0.1%	11
76,532	15.5%	30-39	0.6%	41
74,097	15.0%	40-49	2.2%	159
70,377	14.3%	50-59	6.3%	463
53,052	10.8%	60-69	17.3%	1,278
31,327	6.4%	70-79	27.5%	2,029
19,462	4.0%	80+	45.9%	3,383
219	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,038	0.2%	American Indian	0.1%	8
4,398	1.1%	Asian	0.5%	36
34,432	8.3%	Black	8.0%	562
376	0.1%	Pacific Islander	0.1%	4
355,447	85.4%	White	89.0%	6,283
20,767	5.0%	Multiracial	2.4%	170

Cases	Case Percent	Ethnicity	Death Percent	Deaths
21,163	5.3%	Hispanic	1.6%	112
376,233	94.7%	Non-Hispanic	98.4%	6,704

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.6% of cases and 95.9% of deaths
Ethnicity known for 80.7% of cases and 92.5% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
6,353	61,874	10.27%

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
7,292,647	5,726,032	350,713	1,069,366	602,929	431,738	38,133	133,058

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	24,534	4.98%
Ever ICU	4,974	1.01%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	939
ICU	282
On Ventilator	108

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,013	4,238	68.0%
ICU Beds	1,181	634	65.1%
Ventilators	503	1,277	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	63	32	10	8.0%	31.4%	10.1%	65.53%	69.61%	19.19%
Region 2	83	20	9	10.1%	16.4%	12.9%	66.38%	52.46%	18.57%
Region 3	277	88	34	7.4%	16.5%	7.7%	70.64%	63.98%	33.79%
Region 4	51	17	5	6.0%	15.7%	4.6%	56.57%	73.15%	21.10%
Region 5	157	47	16	5.7%	11.3%	3.1%	75.55%	71.63%	35.58%
Region 6	42	8	3	3.3%	4.6%	2.8%	70.16%	35.43%	34.58%
Region 7	49	8	1	7.8%	12.5%	0.8%	67.30%	57.81%	6.50%
Region 8	126	31	20	10.5%	22.8%	13.3%	61.90%	84.56%	27.33%
Region 9	67	20	6	10.1%	17.5%	5.9%	58.56%	63.16%	13.86%
Region 10	24	11	4	5.1%	24.4%	6.7%	54.64%	93.33%	23.33%

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	86,524	17.6%
Fayette	38,307	7.8%
Kenton	17,384	3.5%
Warren	17,297	3.5%
Boone	15,046	3.1%
Daviess	11,827	2.4%
Hardin	10,812	2.2%
Madison	10,129	2.1%
Campbell	9,053	1.8%
Laurel	8,390	1.7%
Oldham	7,996	1.6%
Bullitt	7,917	1.6%
Christian	7,417	1.5%
McCracken	7,311	1.5%
Pulaski	7,188	1.5%
Pike	6,356	1.3%
Scott	5,687	1.2%
Henderson	5,437	1.1%
Boyd	5,426	1.1%
Nelson	5,335	1.1%
Hopkins	5,245	1.1%
Shelby	5,062	1.0%
Jessamine	5,013	1.0%
Barren	4,904	1.0%
Graves	4,656	0.9%
Whitley	4,487	0.9%
Franklin	4,479	0.9%
Knox	4,186	0.8%
Greenup	3,977	0.8%
Floyd	3,942	0.8%

County	Cases	Percent
Calloway	3,873	0.8%
Boyle	3,708	0.8%
Muhlenberg	3,502	0.7%
Taylor	3,346	0.7%
Bell	3,343	0.7%
Clark	3,321	0.7%
Logan	3,196	0.6%
Marshall	3,181	0.6%
Harlan	3,126	0.6%
Clay	3,099	0.6%
Perry	3,023	0.6%
Montgomery	3,008	0.6%
Mercer	2,782	0.6%
Grant	2,710	0.6%
Ohio	2,708	0.5%
Carter	2,685	0.5%
Lincoln	2,562	0.5%
Marion	2,500	0.5%
Grayson	2,405	0.5%
Rowan	2,388	0.5%
Woodford	2,385	0.5%
Morgan	2,355	0.5%
Simpson	2,301	0.5%
Wayne	2,281	0.5%
Hart	2,278	0.5%
Johnson	2,258	0.5%
Allen	2,243	0.5%
Letcher	2,233	0.5%
Meade	2,231	0.5%
Adair	2,096	0.4%

County	Cases	Percent
McCreary	2,057	0.4%
Russell	1,941	0.4%
Anderson	1,938	0.4%
Harrison	1,892	0.4%
Bourbon	1,890	0.4%
Mason	1,824	0.4%
Spencer	1,771	0.4%
Rockcastle	1,735	0.4%
Garrard	1,639	0.3%
Casey	1,613	0.3%
Washington	1,598	0.3%
Webster	1,597	0.3%
Lyon	1,584	0.3%
Union	1,577	0.3%
Lawrence	1,556	0.3%
Caldwell	1,550	0.3%
Butler	1,527	0.3%
Jackson	1,509	0.3%
Henry	1,501	0.3%
Lewis	1,499	0.3%
Clinton	1,488	0.3%
Breckinridge	1,453	0.3%
Larue	1,448	0.3%
Monroe	1,401	0.3%
Powell	1,401	0.3%
Trigg	1,356	0.3%
Fleming	1,328	0.3%
Lee	1,322	0.3%
Green	1,304	0.3%
Knott	1,289	0.3%

County	Cases	Percent
Todd	1,247	0.3%
Estill	1,238	0.3%
Metcalfe	1,166	0.2%
Martin	1,144	0.2%
Pendleton	1,130	0.2%
Breathitt	1,109	0.2%
Magoffin	1,094	0.2%
Bath	1,091	0.2%
Carroll	1,087	0.2%
Leslie	1,043	0.2%
Elliott	1,013	0.2%
Edmonson	957	0.2%
McLean	955	0.2%
Hancock	953	0.2%
Livingston	953	0.2%
Owen	793	0.2%
Gallatin	784	0.2%
Trimble	754	0.2%
Crittenden	728	0.1%
Cumberland	716	0.1%
Bracken	709	0.1%
Nicholas	622	0.1%
Wolfe	566	0.1%
Fulton	558	0.1%
Owsley	528	0.1%
Carlisle	505	0.1%
Menifee	505	0.1%
Ballard	440	0.1%
Hickman	409	0.1%
Robertson	245	0.0%

Total Cases
492,556

New Cases by County

County	Cases	Percent
Jefferson	355	16.0%
Fayette	142	6.4%
Warren	66	3.0%
Hardin	63	2.8%
Laurel	62	2.8%
Daviess	50	2.3%
Floyd	46	2.1%
Boone	45	2.0%
Calloway	45	2.0%
McCracken	39	1.8%
Madison	38	1.7%
Pulaski	37	1.7%
Knox	36	1.6%
Christian	34	1.5%
Kenton	34	1.5%
Shelby	34	1.5%
Franklin	31	1.4%
Bullitt	30	1.4%
Marshall	30	1.4%
Henderson	29	1.3%
Oldham	27	1.2%
Barren	26	1.2%
Boyle	26	1.2%
Jessamine	26	1.2%
Whitley	26	1.2%
Logan	24	1.1%
Nelson	24	1.1%
Boyd	23	1.0%
Perry	23	1.0%
Carter	22	1.0%

County	Cases	Percent
Letcher	22	1.0%
Campbell	21	0.9%
Greenup	21	0.9%
Graves	20	0.9%
Mercer	18	0.8%
Clay	17	0.8%
Magoffin	17	0.8%
Montgomery	17	0.8%
Pike	17	0.8%
Union	17	0.8%
Hart	16	0.7%
Scott	16	0.7%
Estill	15	0.7%
Hopkins	15	0.7%
Casey	14	0.6%
Lewis	14	0.6%
Woodford	14	0.6%
Clark	13	0.6%
Grayson	13	0.6%
Washington	13	0.6%
Webster	13	0.6%
Jackson	12	0.5%
Bourbon	11	0.5%
Harlan	11	0.5%
Lincoln	11	0.5%
Muhlenberg	11	0.5%
Bell	10	0.5%
Knott	10	0.5%
Lawrence	10	0.5%
Leslie	10	0.5%

County	Cases	Percent
Pendleton	10	0.5%
Taylor	10	0.5%
Adair	9	0.4%
Fleming	9	0.4%
Grant	9	0.4%
Johnson	9	0.4%
Ohio	9	0.4%
Rockcastle	9	0.4%
Breckinridge	8	0.4%
Caldwell	8	0.4%
Henry	8	0.4%
Meade	8	0.4%
Owen	8	0.4%
Spencer	8	0.4%
Anderson	7	0.3%
Breathitt	7	0.3%
Larue	7	0.3%
Martin	7	0.3%
Metcalfe	7	0.3%
Rowan	7	0.3%
Allen	6	0.3%
Cumberland	6	0.3%
Garrard	6	0.3%
Harrison	6	0.3%
Monroe	6	0.3%
Todd	6	0.3%
Bracken	5	0.2%
Gallatin	5	0.2%
McLean	5	0.2%
Mason	5	0.2%

County	Cases	Percent
Menifee	5	0.2%
Powell	5	0.2%
Simpson	5	0.2%
Ballard	4	0.2%
Elliott	4	0.2%
Wayne	4	0.2%
Carlisle	3	0.1%
Edmonson	3	0.1%
Hancock	3	0.1%
Livingston	3	0.1%
McCreary	3	0.1%
Marion	3	0.1%
Trimble	3	0.1%
Bath	2	0.1%
Carroll	2	0.1%
Crittenden	2	0.1%
Green	2	0.1%
Morgan	2	0.1%
Owsley	2	0.1%
Wolfe	2	0.1%
Clinton	1	0.0%
Lyon	1	0.0%
Robertson	1	0.0%
Butler	0	0.0%
Fulton	0	0.0%
Hickman	0	0.0%
Lee	0	0.0%
Nicholas	0	0.0%
Russell	0	0.0%
Trigg	0	0.0%

Total New Cases
2,217

Total Deaths by County

County	Deaths	Percent
Jefferson	1,350	18.3%
Fayette	318	4.3%
Kenton	210	2.9%
Daviess	198	2.7%
Warren	193	2.6%
Hardin	172	2.3%
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	105	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	1.0%
Perry	66	0.9%
Marshall	64	0.9%

County	Deaths	Percent
Greenup	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%
Taylor	53	0.7%
Mercer	52	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%
Crittenden	25	0.3%
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%
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
7,366

Incidence Rates by County

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

County	Rate
Floyd	83.5
Clay	82.6
Hart	81.1
Webster	74.0
Laurel	73.3
Carter	70.4
Knox	70.2
Metcalfe	68.1
Jackson	65.4
Letcher	62.3
Whitley	61.1
Henderson	61.0
Washington	60.2
Union	58.6
Leslie	57.9
Marshall	56.0
Barren	52.9
Perry	52.7
Henry	52.3
Logan	52.2
Knott	52.1
Muhlenberg	49.9
Spencer	49.5
Boyle	49.4
Harlan	48.3
Nelson	48.2
Lewis	47.4
Todd	46.5
Ohio	46.4
Pike	46.4

County	Rate
Mercer	46.2
Calloway	46.2
Martin	45.9
Montgomery	45.7
Daviess	45.2
Pulaski	44.6
Johnson	43.1
Larue	42.7
Hancock	42.6
Magoffin	42.3
Bell	42.3
Trimble	42.2
Shelby	42.0
Hardin	41.7
Hopkins	41.2
Clark	40.6
Monroe	40.2
Pendleton	40.1
Warren	39.7
Green	39.2
Graves	38.7
Franklin	38.7
Casey	38.0
Bracken	37.9
Anderson	37.1
Taylor	36.6
Adair	36.5
McLean	35.7
Grayson	35.7
Owsley	35.6

County	Rate
Marion	35.6
Fleming	35.3
McCracken	35.2
Breckinridge	34.9
Boyd	34.9
Woodford	33.7
Carroll	33.6
Bullitt	33.4
Lincoln	33.2
Grant	33.1
Rockcastle	32.5
Bourbon	32.5
Cumberland	32.4
Powell	32.4
Garrard	32.3
Elliott	32.3
Madison	32.3
Greenup	32.2
Fayette	32.1
Caldwell	31.4
Breathitt	30.5
Christian	30.2
Carlisle	30.0
Jessamine	29.6
Jefferson	29.3
Boone	25.9
Scott	25.6
Estill	24.3
Wolfe	24.0
Simpson	23.8

County	Rate
Clinton	23.8
Mason	23.4
Butler	23.3
McCreary	23.2
Allen	22.8
Oldham	22.7
Owen	22.3
Livingston	21.8
Ballard	21.7
Harrison	21.2
Gallatin	20.9
Menifee	19.8
Meade	19.5
Lyon	19.1
Lawrence	17.7
Kenton	17.7
Rowan	16.4
Lee	15.4
Campbell	15.4
Wayne	14.8
Edmonson	14.1
Morgan	14.0
Robertson	13.6
Russell	12.8
Bath	11.4
Crittenden	11.4
Nicholas	9.8
Fulton	9.6
Hickman	6.5
Trigg	3.9

Current Overall Incidence Rate
36.06 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.