

KY COVID-19 Report 10AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	502,712	373,941	128,771
Deaths	7,394	6,628	766
New Cases	2,500	1,641	859
New Cases 18 and Under	490	304	186
Total New Deaths	7	7	0

Duplicates and records not meeting case criteria removed since last report: 55

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
24,022	4.8%	0-9	0.0%	1
56,313	11.2%	10-19	0.0%	1
91,282	18.2%	20-29	0.2%	13
78,188	15.6%	30-39	0.6%	41
75,623	15.0%	40-49	2.2%	161
71,558	14.2%	50-59	6.3%	465
53,979	10.7%	60-69	17.5%	1,291
31,846	6.3%	70-79	27.5%	2,035
19,678	3.9%	80+	45.8%	3,386
223	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,073	0.3%	American Indian	0.1%	8
4,445	1.0%	Asian	0.5%	37
35,143	8.3%	Black	8.0%	564
376	0.1%	Pacific Islander	0.1%	4
362,812	85.4%	White	89.0%	6,308
21,153	5.0%	Multiracial	2.4%	170

Cases	Case Percent	Ethnicity	Death Percent	Deaths
21,383	5.3%	Hispanic	1.6%	112
384,390	94.7%	Non-Hispanic	98.4%	6,735

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 80.7% of cases and 92.6% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
8,327	75,346	11.00%

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
7,391,042	5,789,478	353,729	1,097,991	615,050	439,420	38,969	136,661

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	24,762	4.93%
Ever ICU	5,005	1.00%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,251
ICU	339
On Ventilator	168

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,732	4,519	65.9%
ICU Beds	1,152	663	63.5%
Ventilators	555	1,246	30.8%

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	70	31	25	8.8%	30.4%	25.3%	59.72%	75.49%	22.22%
Region 2	92	26	11	11.2%	21.3%	12.9%	65.17%	63.11%	21.18%
Region 3	389	103	48	10.3%	19.3%	10.9%	68.57%	60.41%	36.51%
Region 4	78	22	13	9.2%	20.4%	11.5%	51.17%	68.52%	27.43%
Region 5	222	58	31	8.0%	13.9%	6.0%	74.61%	68.99%	37.31%
Region 6	67	14	6	5.2%	8.0%	5.6%	69.61%	40.00%	36.45%
Region 7	79	17	3	12.6%	26.6%	2.4%	64.91%	67.19%	8.13%
Region 8	140	36	18	11.7%	26.5%	12.1%	56.14%	72.79%	32.89%
Region 9	89	26	8	13.4%	22.8%	7.9%	60.51%	56.14%	14.85%
Region 10	25	6	5	5.3%	13.3%	7.9%	55.27%	86.67%	25.40%

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	87,845	17.5%
Fayette	38,910	7.7%
Warren	17,623	3.5%
Kenton	17,607	3.5%
Boone	15,242	3.0%
Daviess	12,143	2.4%
Hardin	11,124	2.2%
Madison	10,304	2.0%
Campbell	9,177	1.8%
Laurel	8,655	1.7%
Bullitt	8,092	1.6%
Oldham	8,085	1.6%
Christian	7,507	1.5%
McCracken	7,454	1.5%
Pulaski	7,326	1.5%
Pike	6,560	1.3%
Scott	5,790	1.2%
Henderson	5,557	1.1%
Boyd	5,544	1.1%
Nelson	5,475	1.1%
Hopkins	5,407	1.1%
Shelby	5,181	1.0%
Jessamine	5,122	1.0%
Barren	5,040	1.0%
Graves	4,761	0.9%
Whitley	4,628	0.9%
Franklin	4,576	0.9%
Knox	4,246	0.8%
Greenup	4,068	0.8%
Floyd	4,066	0.8%

County	Cases	Percent
Calloway	3,964	0.8%
Boyle	3,761	0.7%
Muhlenberg	3,598	0.7%
Bell	3,423	0.7%
Taylor	3,412	0.7%
Clark	3,393	0.7%
Logan	3,336	0.7%
Marshall	3,269	0.7%
Clay	3,246	0.6%
Harlan	3,179	0.6%
Montgomery	3,124	0.6%
Perry	3,117	0.6%
Mercer	2,840	0.6%
Carter	2,785	0.6%
Ohio	2,785	0.6%
Grant	2,747	0.5%
Lincoln	2,640	0.5%
Marion	2,555	0.5%
Grayson	2,490	0.5%
Woodford	2,442	0.5%
Rowan	2,433	0.5%
Morgan	2,384	0.5%
Hart	2,353	0.5%
Johnson	2,327	0.5%
Simpson	2,319	0.5%
Allen	2,312	0.5%
Wayne	2,306	0.5%
Letcher	2,295	0.5%
Meade	2,274	0.5%
Adair	2,129	0.4%

County	Cases	Percent
McCreary	2,084	0.4%
Anderson	1,976	0.4%
Russell	1,968	0.4%
Bourbon	1,933	0.4%
Harrison	1,930	0.4%
Mason	1,852	0.4%
Spencer	1,820	0.4%
Rockcastle	1,774	0.4%
Webster	1,660	0.3%
Garrard	1,659	0.3%
Casey	1,652	0.3%
Washington	1,642	0.3%
Union	1,638	0.3%
Lyon	1,606	0.3%
Lawrence	1,591	0.3%
Caldwell	1,590	0.3%
Butler	1,567	0.3%
Henry	1,562	0.3%
Jackson	1,560	0.3%
Breckinridge	1,526	0.3%
Lewis	1,523	0.3%
Clinton	1,496	0.3%
Larue	1,485	0.3%
Monroe	1,439	0.3%
Powell	1,425	0.3%
Trigg	1,386	0.3%
Fleming	1,372	0.3%
Green	1,336	0.3%
Knott	1,332	0.3%
Lee	1,326	0.3%

County	Cases	Percent
Todd	1,273	0.3%
Estill	1,260	0.3%
Metcalfe	1,209	0.2%
Martin	1,175	0.2%
Pendleton	1,149	0.2%
Breathitt	1,136	0.2%
Magoffin	1,136	0.2%
Carroll	1,116	0.2%
Bath	1,106	0.2%
Leslie	1,077	0.2%
Elliott	1,023	0.2%
Edmonson	989	0.2%
Livingston	981	0.2%
McLean	979	0.2%
Hancock	972	0.2%
Owen	825	0.2%
Gallatin	796	0.2%
Trimble	773	0.2%
Crittenden	739	0.1%
Cumberland	731	0.1%
Bracken	726	0.1%
Nicholas	630	0.1%
Wolfe	591	0.1%
Fulton	561	0.1%
Owsley	534	0.1%
Menifee	524	0.1%
Carlisle	521	0.1%
Ballard	451	0.1%
Hickman	411	0.1%
Robertson	246	0.0%

Total Cases
502,712

New Cases by County

County	Cases	Percent
Jefferson	254	10.2%
Fayette	218	8.7%
Warren	96	3.8%
Hardin	77	3.1%
Boone	62	2.5%
Laurel	61	2.4%
Madison	61	2.4%
Kenton	56	2.2%
Daviess	51	2.0%
Whitley	51	2.0%
Pike	49	2.0%
Bullitt	43	1.7%
Pulaski	40	1.6%
Perry	39	1.6%
Hopkins	38	1.5%
Jessamine	35	1.4%
Ohio	34	1.4%
Boyd	33	1.3%
Breckinridge	32	1.3%
McCracken	31	1.2%
Barren	29	1.2%
Campbell	28	1.1%
Nelson	27	1.1%
Clay	26	1.0%
Allen	25	1.0%
Graves	24	1.0%
Shelby	24	1.0%
Christian	23	0.9%
Floyd	23	0.9%
Henderson	23	0.9%

County	Cases	Percent
Monroe	22	0.9%
Muhlenberg	22	0.9%
Carter	21	0.8%
Logan	21	0.8%
Rockcastle	21	0.8%
Bell	20	0.8%
Grayson	20	0.8%
Harlan	20	0.8%
Knott	20	0.8%
Letcher	19	0.8%
Marshall	19	0.8%
Oldham	19	0.8%
Scott	19	0.8%
Woodford	19	0.8%
Martin	18	0.7%
Grant	17	0.7%
Greenup	17	0.7%
Magoffin	17	0.7%
Marion	16	0.6%
Morgan	16	0.6%
Webster	16	0.6%
Knox	14	0.6%
Leslie	14	0.6%
Owen	14	0.6%
Taylor	14	0.6%
Carroll	13	0.5%
Johnson	13	0.5%
Lawrence	13	0.5%
Fleming	12	0.5%
Lewis	12	0.5%

County	Cases	Percent
Lincoln	12	0.5%
Montgomery	12	0.5%
Wolfe	12	0.5%
Boyle	11	0.4%
Green	11	0.4%
Union	11	0.4%
Breathitt	10	0.4%
Jackson	10	0.4%
Meade	10	0.4%
Mercer	10	0.4%
Metcalfe	10	0.4%
Trigg	10	0.4%
Wayne	10	0.4%
Bourbon	9	0.4%
Franklin	9	0.4%
Garrard	9	0.4%
Harrison	9	0.4%
Hart	9	0.4%
Henry	9	0.4%
Menifee	9	0.4%
Adair	8	0.3%
McCreary	8	0.3%
Rowan	8	0.3%
Spencer	8	0.3%
Todd	8	0.3%
Calloway	7	0.3%
Cumberland	7	0.3%
Edmonson	7	0.3%
Estill	7	0.3%
McLean	7	0.3%

County	Cases	Percent
Mason	7	0.3%
Russell	7	0.3%
Butler	6	0.2%
Casey	6	0.2%
Clark	6	0.2%
Larue	6	0.2%
Trimble	6	0.2%
Hancock	5	0.2%
Anderson	4	0.2%
Bath	4	0.2%
Bracken	4	0.2%
Elliott	4	0.2%
Caldwell	3	0.1%
Gallatin	3	0.1%
Livingston	3	0.1%
Powell	3	0.1%
Simpson	3	0.1%
Ballard	2	0.1%
Nicholas	2	0.1%
Carlisle	1	0.0%
Clinton	1	0.0%
Fulton	1	0.0%
Hickman	1	0.0%
Lee	1	0.0%
Lyon	1	0.0%
Pendleton	1	0.0%
Washington	1	0.0%
Crittenden	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%

Total New Cases
2,500

Total Deaths by County

County	Deaths	Percent
Jefferson	1,353	18.3%
Fayette	319	4.3%
Kenton	210	2.8%
Daviess	202	2.7%
Warren	194	2.6%
Hardin	174	2.4%
Hopkins	155	2.1%
Boone	152	2.1%
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	1.1%
Bullitt	84	1.1%
Laurel	83	1.1%
Boyle	80	1.1%
Campbell	80	1.1%
Henderson	80	1.1%
Shelby	79	1.1%
Boyd	77	1.0%
Floyd	75	1.0%
Jessamine	75	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%
Adair	55	0.7%
Hart	55	0.7%
Taylor	53	0.7%
Mercer	52	0.7%
Calloway	51	0.7%
Wayne	48	0.6%
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%
Casey	40	0.5%
Mason	40	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
Gallatin	34	0.5%
McCreary	34	0.5%
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%
Crittenden	26	0.4%
Lee	26	0.4%
Livingston	26	0.4%
Spencer	26	0.4%
Edmonson	25	0.3%
Fleming	25	0.3%
Knott	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
7,394

Incidence Rates by County

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

County	Rate
Clay	131.4
Webster	106.0
Logan	100.7
Union	94.4
Laurel	91.1
Hart	90.8
Metcalfe	87.9
Montgomery	81.7
Floyd	80.3
Jackson	78.2
Carter	76.2
Washington	74.4
Henry	71.8
Whitley	70.9
Leslie	70.9
Marshall	69.4
Barren	67.2
Perry	67.1
Henderson	67.0
Letcher	66.9
Monroe	65.7
Daviess	62.5
Pike	62.2
Muhlenberg	61.6
Nelson	61.5
Breckinridge	60.7
Hopkins	60.1
Menifee	59.4
Fleming	58.8
Martin	58.7

County	Rate
Johnson	58.6
Allen	58.3
Bell	57.1
Carlisle	57.0
Hardin	56.8
Magoffin	56.4
Cumberland	56.2
Caldwell	56.0
Graves	56.0
Ohio	56.0
Wolfe	55.9
Marion	55.6
Spencer	55.4
Mercer	55.4
Grayson	55.1
Knox	54.1
Shelby	53.6
McLean	52.8
Calloway	52.7
Owen	49.8
Warren	49.2
Knott	49.2
Greenup	48.8
Butler	47.7
Larue	47.6
Hancock	47.5
Lewis	47.4
Harlan	46.7
Boyle	46.6
Taylor	46.6

County	Rate
Boyd	46.5
Carroll	45.7
Bourbon	45.5
Rockcastle	45.4
Clark	45.3
McCracken	45.0
Franklin	44.8
Lincoln	44.8
Edmonson	44.7
Casey	44.2
Todd	44.2
Trimble	43.8
Lawrence	43.8
Green	43.1
Madison	41.2
Breathitt	40.7
Powell	40.5
Fayette	39.9
Pulaski	39.8
Woodford	39.5
Bullitt	39.4
Jessamine	39.3
Bracken	37.9
Estill	37.5
Harrison	37.1
Anderson	37.1
Jefferson	36.4
Ballard	36.2
Morgan	34.3
Elliott	34.2

County	Rate
Adair	32.7
Rowan	32.7
Grant	32.5
Owsley	32.4
Scott	32.1
Christian	31.0
Meade	31.0
Boone	30.3
Livingston	29.5
Mason	29.3
Oldham	28.4
Pendleton	28.4
Gallatin	27.4
McCreary	27.4
Clinton	25.2
Bath	25.1
Garrard	25.1
Kenton	25.1
Wayne	23.9
Campbell	23.8
Simpson	22.3
Nicholas	21.6
Lyon	20.9
Robertson	20.3
Russell	19.1
Trigg	13.7
Crittenden	13.0
Hickman	9.8
Lee	7.7
Fulton	7.2

Current Overall Incidence Rate
45.70 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.