

KY COVID-19 Report 04AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	490,399	365,528	124,871
Deaths	7,362	6,598	764
New Cases	2,583	1,511	1,072
New Cases 18 and Under	512	270	242
Total New Deaths	10	10	0

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
22,917	4.7%	0-9	0.0%	1
54,671	11.1%	10-19	0.0%	1
88,994	18.1%	20-29	0.1%	11
76,180	15.5%	30-39	0.6%	41
73,779	15.0%	40-49	2.2%	159
70,104	14.3%	50-59	6.3%	463
52,892	10.8%	60-69	17.3%	1,275
31,220	6.4%	70-79	27.6%	2,029
19,423	4.0%	80+	45.9%	3,382
219	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,029	0.2%	American Indian	0.1%	8
4,385	1.1%	Asian	0.5%	35
34,266	8.3%	Black	8.0%	562
376	0.1%	Pacific Islander	0.1%	4
353,458	85.3%	White	89.0%	6,280
20,666	5.0%	Multiracial	2.4%	170

Cases	Case Percent	Ethnicity	Death Percent	Deaths
21,107	5.3%	Hispanic	1.6%	112
374,465	94.7%	Non-Hispanic	98.4%	6,700

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 92.5% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
6,015	59,682	10.08%

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
7,269,727	5,710,288	350,106	1,063,623	600,352	430,008	37,973	132,371

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	24,471	4.99%
Ever ICU	4,963	1.01%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	889
ICU	275
On Ventilator	100

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,899	4,352	67.2%
ICU Beds	1,181	634	65.1%
Ventilators	539	1,265	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	56	27	9	7.1%	26.5%	9.1%	62.75%	62.75%	21.21%
Region 2	76	20	9	9.2%	16.4%	10.6%	65.17%	54.92%	21.18%
Region 3	270	83	30	7.2%	15.6%	6.8%	70.06%	65.10%	35.60%
Region 4	55	17	8	6.5%	15.7%	7.1%	57.98%	75.93%	18.58%
Region 5	140	44	14	5.1%	10.6%	2.7%	75.55%	70.67%	39.04%
Region 6	37	6	3	2.9%	3.4%	2.8%	65.74%	38.29%	37.38%
Region 7	39	11	1	6.2%	17.2%	0.8%	62.52%	57.81%	8.94%
Region 8	126	32	17	10.5%	23.5%	11.4%	61.90%	83.82%	27.52%
Region 9	68	22	5	10.2%	19.3%	5.0%	62.31%	58.77%	13.86%
Region 10	22	13	4	4.6%	28.9%	6.1%	52.53%	93.33%	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	86,189	17.6%
Fayette	38,170	7.8%
Kenton	17,350	3.5%
Warren	17,230	3.5%
Boone	15,001	3.1%
Daviess	11,778	2.4%
Hardin	10,748	2.2%
Madison	10,092	2.1%
Campbell	9,032	1.8%
Laurel	8,332	1.7%
Oldham	7,970	1.6%
Bullitt	7,885	1.6%
Christian	7,386	1.5%
McCracken	7,272	1.5%
Pulaski	7,151	1.5%
Pike	6,340	1.3%
Scott	5,671	1.2%
Henderson	5,408	1.1%
Boyd	5,402	1.1%
Nelson	5,311	1.1%
Hopkins	5,230	1.1%
Shelby	5,029	1.0%
Jessamine	4,987	1.0%
Barren	4,880	1.0%
Graves	4,636	0.9%
Whitley	4,461	0.9%
Franklin	4,448	0.9%
Knox	4,149	0.8%
Greenup	3,957	0.8%
Floyd	3,896	0.8%

County	Cases	Percent
Calloway	3,828	0.8%
Boyle	3,681	0.8%
Muhlenberg	3,491	0.7%
Taylor	3,335	0.7%
Bell	3,334	0.7%
Clark	3,308	0.7%
Logan	3,175	0.6%
Marshall	3,150	0.6%
Harlan	3,115	0.6%
Clay	3,082	0.6%
Perry	3,000	0.6%
Montgomery	2,992	0.6%
Mercer	2,765	0.6%
Grant	2,701	0.6%
Ohio	2,699	0.6%
Carter	2,663	0.5%
Lincoln	2,551	0.5%
Marion	2,497	0.5%
Grayson	2,390	0.5%
Rowan	2,381	0.5%
Woodford	2,371	0.5%
Morgan	2,354	0.5%
Simpson	2,296	0.5%
Wayne	2,277	0.5%
Hart	2,262	0.5%
Allen	2,250	0.5%
Johnson	2,249	0.5%
Meade	2,223	0.5%
Letcher	2,213	0.5%
Adair	2,087	0.4%

County	Cases	Percent
McCreary	2,054	0.4%
Russell	1,941	0.4%
Anderson	1,931	0.4%
Harrison	1,886	0.4%
Bourbon	1,880	0.4%
Mason	1,818	0.4%
Spencer	1,763	0.4%
Rockcastle	1,726	0.4%
Garrard	1,635	0.3%
Casey	1,599	0.3%
Washington	1,585	0.3%
Webster	1,585	0.3%
Lyon	1,583	0.3%
Union	1,560	0.3%
Lawrence	1,547	0.3%
Caldwell	1,541	0.3%
Butler	1,528	0.3%
Jackson	1,498	0.3%
Henry	1,493	0.3%
Clinton	1,487	0.3%
Lewis	1,486	0.3%
Breckinridge	1,448	0.3%
Larue	1,441	0.3%
Monroe	1,395	0.3%
Powell	1,395	0.3%
Trigg	1,356	0.3%
Lee	1,322	0.3%
Fleming	1,319	0.3%
Green	1,302	0.3%
Knott	1,279	0.3%

County	Cases	Percent
Todd	1,239	0.3%
Estill	1,223	0.2%
Metcalfe	1,159	0.2%
Martin	1,137	0.2%
Pendleton	1,120	0.2%
Breathitt	1,102	0.2%
Bath	1,088	0.2%
Carroll	1,085	0.2%
Magoffin	1,077	0.2%
Leslie	1,034	0.2%
Elliott	1,010	0.2%
Edmonson	954	0.2%
Hancock	951	0.2%
McLean	951	0.2%
Livingston	950	0.2%
Owen	785	0.2%
Gallatin	779	0.2%
Trimble	751	0.2%
Crittenden	726	0.1%
Cumberland	710	0.1%
Bracken	704	0.1%
Nicholas	622	0.1%
Wolfe	563	0.1%
Fulton	558	0.1%
Owsley	526	0.1%
Carlisle	503	0.1%
Menifee	500	0.1%
Ballard	436	0.1%
Hickman	409	0.1%
Robertson	244	0.0%

Total Cases
490,399

New Cases by County

County	Cases	Percent
Jefferson	313	12.1%
Fayette	158	6.1%
Pike	96	3.7%
Daviess	86	3.3%
Warren	73	2.8%
Hardin	69	2.7%
Pulaski	65	2.5%
Henderson	64	2.5%
Madison	64	2.5%
Boone	61	2.4%
Kenton	55	2.1%
Laurel	53	2.1%
Barren	48	1.9%
McCracken	40	1.5%
Floyd	39	1.5%
Nelson	37	1.4%
Carter	35	1.4%
Christian	35	1.4%
Marshall	35	1.4%
Bullitt	34	1.3%
Shelby	34	1.3%
Franklin	33	1.3%
Hart	31	1.2%
Montgomery	31	1.2%
Graves	29	1.1%
Logan	28	1.1%
Whitley	28	1.1%
Clark	27	1.0%
Knox	27	1.0%
Muhlenberg	26	1.0%

County	Cases	Percent
Campbell	25	1.0%
Boyle	24	0.9%
Breckinridge	21	0.8%
Clay	21	0.8%
Grant	21	0.8%
Oldham	21	0.8%
Webster	21	0.8%
Harlan	20	0.8%
Jessamine	20	0.8%
Johnson	20	0.8%
Anderson	19	0.7%
Bell	19	0.7%
Letcher	19	0.7%
Union	19	0.7%
Boyd	18	0.7%
Marion	18	0.7%
Scott	18	0.7%
Spencer	17	0.7%
Hopkins	16	0.6%
Adair	13	0.5%
Henry	13	0.5%
Lewis	13	0.5%
Lincoln	13	0.5%
Meade	13	0.5%
Mercer	13	0.5%
Perry	13	0.5%
Clinton	12	0.5%
Greenup	12	0.5%
Metcalfe	12	0.5%
Caldwell	11	0.4%

County	Cases	Percent
Ohio	11	0.4%
Bourbon	10	0.4%
Breathitt	10	0.4%
Calloway	10	0.4%
Jackson	10	0.4%
Washington	10	0.4%
Taylor	9	0.3%
Casey	8	0.3%
Leslie	8	0.3%
Rockcastle	8	0.3%
Todd	8	0.3%
Woodford	8	0.3%
Allen	7	0.3%
Fleming	7	0.3%
Garrard	7	0.3%
Hancock	7	0.3%
Harrison	7	0.3%
Larue	7	0.3%
Magoffin	7	0.3%
Martin	7	0.3%
Simpson	7	0.3%
Knott	6	0.2%
Lyon	6	0.2%
Owen	6	0.2%
Pendleton	6	0.2%
Powell	6	0.2%
Rowan	6	0.2%
Russell	6	0.2%
Cumberland	5	0.2%
Edmonson	5	0.2%

County	Cases	Percent
Grayson	5	0.2%
McLean	5	0.2%
Monroe	5	0.2%
Wayne	5	0.2%
Ballard	4	0.2%
Bath	4	0.2%
Bracken	4	0.2%
Butler	4	0.2%
Carlisle	4	0.2%
Carroll	4	0.2%
Elliott	4	0.2%
Mason	4	0.2%
Trimble	4	0.2%
Green	3	0.1%
Lawrence	3	0.1%
McCreary	3	0.1%
Menifee	3	0.1%
Morgan	3	0.1%
Nicholas	3	0.1%
Owsley	3	0.1%
Gallatin	2	0.1%
Lee	2	0.1%
Livingston	2	0.1%
Crittenden	1	0.0%
Estill	1	0.0%
Hickman	1	0.0%
Robertson	1	0.0%
Trigg	1	0.0%
Wolfe	1	0.0%
Fulton	0	0.0%

Total New Cases
2,583

Total Deaths by County

County	Deaths	Percent
Jefferson	1,350	18.3%
Fayette	318	4.3%
Kenton	209	2.8%
Daviess	197	2.7%
Warren	192	2.6%
Hardin	172	2.3%
Hopkins	154	2.1%
Boone	151	2.1%
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%
Campbell	80	1.1%
Henderson	80	1.1%
Boyle	79	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%
Mercer	53	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
7,362

Incidence Rates by County

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

County	Rate
Clay	108.4
Hart	76.6
Webster	74.0
Laurel	73.5
Floyd	71.9
Carter	68.2
Metcalfe	68.1
Jackson	66.5
Letcher	64.3
Muhlenberg	62.5
Henderson	61.9
Knox	60.1
Whitley	58.3
Washington	56.7
Barren	52.6
Henry	51.4
Leslie	50.6
Logan	50.1
Marshall	49.2
Spencer	48.7
Union	48.7
Pike	48.4
Knott	48.2
Ohio	48.2
Anderson	47.7
Nelson	47.6
Todd	46.5
Harlan	45.6
Daviess	44.9
Boyle	44.7

County	Rate
Hopkins	44.4
Bell	43.9
Martin	43.4
Pulaski	42.7
Perry	42.2
Johnson	41.9
Hancock	40.9
Lewis	40.9
Warren	40.6
Green	40.5
Trimble	40.5
McLean	40.3
Montgomery	40.1
Mercer	39.1
Carroll	39.0
Monroe	38.9
Owsley	38.8
Larue	38.7
Shelby	38.2
Hardin	38.0
Breckinridge	37.7
Calloway	37.4
Clark	36.2
Franklin	36.1
Graves	35.7
Fleming	35.3
Pendleton	35.2
Lincoln	34.9
Marion	34.8
Grant	34.8

County	Rate
Boyd	33.9
Bourbon	33.9
Adair	33.5
Casey	32.7
Taylor	32.2
Grayson	31.9
Bullitt	31.7
McCracken	31.0
Madison	30.9
Greenup	30.1
Fayette	30.1
Garrard	29.9
Magoffin	29.4
Bracken	29.2
Rockcastle	29.1
Woodford	28.3
Powell	27.7
Lee	27.0
Jefferson	26.9
Christian	26.8
Butler	26.6
Simpson	26.2
Scott	25.8
Boone	25.5
Jessamine	25.3
Clinton	25.2
Mason	25.1
Breathitt	24.9
Elliott	24.7
Caldwell	24.7

County	Rate
Carlisle	24.0
Lyon	22.6
McCreary	22.4
Allen	22.1
Oldham	21.4
Robertson	20.3
Meade	20.0
Wolfe	20.0
Harrison	19.7
Lawrence	19.6
Cumberland	19.4
Livingston	18.6
Gallatin	17.7
Russell	17.5
Morgan	17.2
Kenton	16.5
Rowan	16.4
Owen	15.7
Campbell	15.6
Ballard	14.5
Edmonson	14.1
Wayne	13.3
Menifee	13.2
Estill	12.2
Crittenden	11.4
Bath	10.3
Nicholas	9.8
Fulton	9.6
Hickman	6.5
Trigg	5.9

Current Overall Incidence Rate
34.39 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.