

KY COVID-19 Report 23AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	543,031	402,152	140,879
Deaths	7,558	6,773	785
New Cases	2,596	2,124	472
New Cases 18 and Under	695	567	128
Total New Deaths	17	12	5

Duplicates and records not meeting case criteria removed since last report: 12

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
28,239	5.2%	0-9	0.0%	1
63,211	11.6%	10-19	0.0%	1
97,868	18.0%	20-29	0.2%	13
84,744	15.6%	30-39	0.6%	49
81,061	14.9%	40-49	2.3%	174
76,135	14.0%	50-59	6.4%	487
57,285	10.5%	60-69	17.5%	1,320
33,722	6.2%	70-79	27.6%	2,086
20,546	3.8%	80+	45.3%	3,427
220	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,192	0.3%	American Indian	0.1%	8
4,552	1.0%	Asian	0.5%	39
37,108	8.2%	Black	8.0%	580
376	0.1%	Pacific Islander	0.1%	4
386,800	85.5%	White	88.9%	6,445
22,591	5.0%	Multiracial	2.4%	173

Cases	Case Percent	Ethnicity	Death Percent	Deaths
22,333	5.1%	Hispanic	1.6%	114
413,121	94.9%	Non-Hispanic	98.4%	6,888

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.4% of cases and 95.9% of deaths
Ethnicity known for 80.2% of cases and 92.6% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
16,112	125,143	12.87%

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
7,758,850	6,038,093	362,649	1,197,516	663,944	472,458	41,458	150,028

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	25,331	4.66%
Ever ICU	5,092	0.94%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,893
ICU	529
On Ventilator	301

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,901	5,122	63.5%
ICU Beds	1,250	738	62.9%
Ventilators	692	1,112	38.4%

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	100	31	17	11.7%	30.4%	17.2%	53.16%	71.57%	29.29%
Region 2	135	38	24	15.8%	31.1%	28.6%	62.34%	59.84%	50.00%
Region 3	561	166	90	14.5%	30.9%	20.4%	69.30%	67.10%	43.67%
Region 4	119	46	25	14.0%	42.6%	20.5%	50.23%	78.70%	29.51%
Region 5	363	102	68	11.4%	18.3%	13.2%	64.30%	54.84%	47.86%
Region 6	114	22	8	8.8%	12.6%	7.0%	68.39%	44.57%	14.91%
Region 7	98	24	10	13.7%	26.7%	8.3%	70.69%	63.33%	12.40%
Region 8	210	52	29	17.5%	38.2%	19.7%	58.15%	80.88%	46.94%
Region 9	149	37	22	20.9%	32.5%	22.0%	57.56%	59.65%	27.00%
Region 10	44	11	8	9.2%	24.4%	13.1%	52.92%	86.67%	29.51%

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	93,146	17.2%
Fayette	40,964	7.5%
Warren	19,259	3.5%
Kenton	18,426	3.4%
Boone	15,959	2.9%
Daviess	13,137	2.4%
Hardin	12,373	2.3%
Madison	11,058	2.0%
Laurel	9,812	1.8%
Campbell	9,554	1.8%
Bullitt	8,695	1.6%
Oldham	8,472	1.6%
McCracken	8,086	1.5%
Christian	7,812	1.4%
Pulaski	7,782	1.4%
Pike	7,340	1.4%
Scott	6,160	1.1%
Henderson	6,097	1.1%
Nelson	6,042	1.1%
Boyd	6,001	1.1%
Hopkins	5,799	1.1%
Jessamine	5,593	1.0%
Shelby	5,555	1.0%
Barren	5,476	1.0%
Graves	5,326	1.0%
Whitley	5,254	1.0%
Franklin	4,986	0.9%
Floyd	4,707	0.9%
Knox	4,678	0.9%
Greenup	4,387	0.8%

County	Cases	Percent
Calloway	4,179	0.8%
Boyle	3,998	0.7%
Muhlenberg	3,930	0.7%
Bell	3,888	0.7%
Clay	3,805	0.7%
Taylor	3,801	0.7%
Marshall	3,796	0.7%
Logan	3,705	0.7%
Clark	3,664	0.7%
Perry	3,559	0.7%
Montgomery	3,468	0.6%
Harlan	3,402	0.6%
Mercer	3,089	0.6%
Carter	3,070	0.6%
Ohio	3,057	0.6%
Lincoln	2,920	0.5%
Grant	2,915	0.5%
Grayson	2,808	0.5%
Marion	2,774	0.5%
Rowan	2,599	0.5%
Allen	2,597	0.5%
Johnson	2,589	0.5%
Woodford	2,557	0.5%
Letcher	2,536	0.5%
Hart	2,509	0.5%
Meade	2,490	0.5%
Morgan	2,481	0.5%
Simpson	2,421	0.4%
Wayne	2,386	0.4%
McCreary	2,348	0.4%

County	Cases	Percent
Adair	2,284	0.4%
Russell	2,174	0.4%
Anderson	2,142	0.4%
Harrison	2,102	0.4%
Bourbon	2,099	0.4%
Spencer	2,050	0.4%
Mason	2,000	0.4%
Rockcastle	1,958	0.4%
Union	1,921	0.4%
Casey	1,839	0.3%
Webster	1,829	0.3%
Garrard	1,808	0.3%
Washington	1,798	0.3%
Jackson	1,793	0.3%
Henry	1,767	0.3%
Lawrence	1,730	0.3%
Breckinridge	1,725	0.3%
Caldwell	1,694	0.3%
Lewis	1,692	0.3%
Larue	1,683	0.3%
Butler	1,677	0.3%
Lyon	1,671	0.3%
Powell	1,551	0.3%
Clinton	1,549	0.3%
Fleming	1,539	0.3%
Monroe	1,526	0.3%
Knott	1,518	0.3%
Green	1,505	0.3%
Trigg	1,490	0.3%
Estill	1,443	0.3%

County	Cases	Percent
Lee	1,414	0.3%
Magoffin	1,387	0.3%
Todd	1,351	0.2%
Metcalfe	1,307	0.2%
Pendleton	1,301	0.2%
Carroll	1,256	0.2%
Breathitt	1,234	0.2%
Leslie	1,234	0.2%
Martin	1,228	0.2%
Bath	1,182	0.2%
Elliott	1,103	0.2%
McLean	1,084	0.2%
Hancock	1,052	0.2%
Edmonson	1,044	0.2%
Livingston	1,043	0.2%
Owen	950	0.2%
Gallatin	869	0.2%
Trimble	867	0.2%
Crittenden	820	0.2%
Bracken	791	0.1%
Cumberland	774	0.1%
Wolfe	699	0.1%
Nicholas	695	0.1%
Menifee	598	0.1%
Owsley	596	0.1%
Fulton	581	0.1%
Carlisle	544	0.1%
Ballard	503	0.1%
Hickman	430	0.1%
Robertson	251	0.0%

Total Cases
543,031

New Cases by County

County	Cases	Percent
Jefferson	395	15.2%
Warren	124	4.8%
Kenton	95	3.7%
Daviess	71	2.7%
Bullitt	65	2.5%
Laurel	63	2.4%
Perry	62	2.4%
McCracken	59	2.3%
Floyd	52	2.0%
Hardin	50	1.9%
Pike	50	1.9%
Boone	49	1.9%
Fayette	47	1.8%
Boyd	45	1.7%
Carter	45	1.7%
Estill	45	1.7%
Campbell	43	1.7%
Marshall	41	1.6%
Taylor	41	1.6%
Letcher	35	1.3%
Clay	34	1.3%
Graves	34	1.3%
Christian	31	1.2%
Greenup	31	1.2%
Ohio	30	1.2%
Scott	29	1.1%
Bell	28	1.1%
Grayson	27	1.0%
Whitley	27	1.0%
Boyle	25	1.0%

County	Cases	Percent
Hopkins	25	1.0%
Madison	25	1.0%
Franklin	24	0.9%
Henderson	24	0.9%
Shelby	24	0.9%
Clark	23	0.9%
Pulaski	23	0.9%
Jessamine	22	0.8%
Muhlenberg	21	0.8%
Barren	20	0.8%
Nelson	20	0.8%
Clinton	19	0.7%
Johnson	19	0.7%
Lincoln	18	0.7%
Marion	18	0.7%
Leslie	17	0.7%
Harrison	16	0.6%
Knox	15	0.6%
Spencer	15	0.6%
Webster	15	0.6%
Oldham	13	0.5%
Breckinridge	12	0.5%
Calloway	12	0.5%
Casey	12	0.5%
Garrard	12	0.5%
Magoffin	12	0.5%
Pendleton	12	0.5%
Union	12	0.5%
Green	11	0.4%
Montgomery	11	0.4%

County	Cases	Percent
Russell	11	0.4%
Caldwell	10	0.4%
Knott	10	0.4%
Adair	9	0.3%
Fleming	9	0.3%
Grant	9	0.3%
Harlan	9	0.3%
Jackson	9	0.3%
Logan	9	0.3%
Nicholas	9	0.3%
Rowan	9	0.3%
Wolfe	9	0.3%
Carroll	8	0.3%
Livingston	8	0.3%
Trigg	8	0.3%
Woodford	8	0.3%
Meade	7	0.3%
Simpson	7	0.3%
Bourbon	6	0.2%
Edmonson	6	0.2%
Hancock	6	0.2%
Hart	6	0.2%
Lee	6	0.2%
Lewis	6	0.2%
Owen	6	0.2%
Owsley	6	0.2%
Powell	6	0.2%
Anderson	5	0.2%
Bath	5	0.2%
Breathitt	5	0.2%

County	Cases	Percent
Crittenden	5	0.2%
Gallatin	5	0.2%
Henry	5	0.2%
Larue	5	0.2%
Lawrence	5	0.2%
Elliott	4	0.2%
McLean	4	0.2%
Mercer	4	0.2%
Metcalfe	4	0.2%
Washington	4	0.2%
Allen	3	0.1%
Bracken	3	0.1%
Rockcastle	3	0.1%
Ballard	2	0.1%
Butler	2	0.1%
Carlisle	2	0.1%
Fulton	2	0.1%
McCreary	2	0.1%
Mason	2	0.1%
Menifee	2	0.1%
Trimble	2	0.1%
Cumberland	1	0.0%
Hickman	1	0.0%
Monroe	1	0.0%
Todd	1	0.0%
Lyon	0	0.0%
Martin	0	0.0%
Morgan	0	0.0%
Robertson	0	0.0%
Wayne	0	0.0%

Total New Cases
2,596

Total Deaths by County

County	Deaths	Percent
Jefferson	1,385	18.3%
Fayette	326	4.3%
Kenton	213	2.8%
Daviess	207	2.7%
Warren	196	2.6%
Hardin	175	2.3%
Boone	156	2.1%
Hopkins	156	2.1%
McCracken	138	1.8%
Pulaski	124	1.6%
Pike	116	1.5%
Madison	115	1.5%
Barren	108	1.4%
Christian	108	1.4%
Graves	104	1.4%
Harlan	94	1.2%
Bullitt	88	1.2%
Laurel	87	1.2%
Oldham	86	1.1%
Henderson	83	1.1%
Boyd	81	1.1%
Campbell	81	1.1%
Boyle	80	1.1%
Shelby	80	1.1%
Floyd	75	1.0%
Jessamine	75	1.0%
Logan	75	1.0%
Muhlenberg	75	1.0%
Perry	69	0.9%
Marshall	66	0.9%

County	Deaths	Percent
Greenup	64	0.8%
Nelson	64	0.8%
Whitley	64	0.8%
Lincoln	63	0.8%
Franklin	62	0.8%
Grayson	59	0.8%
Bell	58	0.8%
Ohio	58	0.8%
Adair	57	0.8%
Hart	55	0.7%
Taylor	55	0.7%
Mercer	54	0.7%
Calloway	53	0.7%
Letcher	51	0.7%
Knox	49	0.6%
Wayne	49	0.6%
Allen	48	0.6%
Clay	46	0.6%
Monroe	46	0.6%
Russell	46	0.6%
Lewis	45	0.6%
Simpson	44	0.6%
Washington	42	0.6%
Casey	41	0.5%
Mason	41	0.5%
Marion	39	0.5%
Carter	38	0.5%
Johnson	38	0.5%
Garrard	37	0.5%
Scott	36	0.5%

County	Deaths	Percent
Gallatin	34	0.4%
McCreary	34	0.4%
Caldwell	33	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Jackson	32	0.4%
Montgomery	32	0.4%
Metcalfe	31	0.4%
Lawrence	30	0.4%
McLean	30	0.4%
Larue	29	0.4%
Butler	28	0.4%
Todd	28	0.4%
Crittenden	27	0.4%
Harrison	27	0.4%
Livingston	27	0.4%
Meade	27	0.4%
Fleming	26	0.3%
Lee	26	0.3%
Spencer	26	0.3%
Webster	26	0.3%
Anderson	25	0.3%
Edmonson	25	0.3%
Knott	25	0.3%
Rockcastle	25	0.3%
Bath	24	0.3%
Grant	23	0.3%
Lyon	22	0.3%
Martin	22	0.3%
Rowan	22	0.3%

County	Deaths	Percent
Woodford	22	0.3%
Carroll	21	0.3%
Henry	21	0.3%
Bourbon	20	0.3%
Breckinridge	19	0.3%
Union	19	0.3%
Magoffin	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%
Powell	14	0.2%
Robertson	14	0.2%
Owen	13	0.2%
Breathitt	12	0.2%
Cumberland	12	0.2%
Estill	12	0.2%
Ballard	11	0.1%
Carlisle	10	0.1%
Leslie	9	0.1%
Nicholas	9	0.1%
Bracken	8	0.1%
Trimble	8	0.1%
Wolfe	8	0.1%
Morgan	5	0.1%
Pendleton	5	0.1%
Elliott	2	0.0%

Total Deaths
7,558

Incidence Rates by County

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

County	Rate
Clay	219.7
Magoffin	191.5
Whitley	162.7
Bell	161.3
Jackson	158.6
Laurel	154.6
Owsley	148.8
Union	146.0
Floyd	143.3
Perry	143.1
Larue	141.9
Marshall	138.3
Taylor	137.5
Wolfe	133.7
Leslie	130.2
Lee	125.4
Estill	124.6
Allen	123.3
Webster	120.3
Knox	119.3
Carroll	118.3
Graves	115.0
Warren	109.3
Fleming	106.8
McCreary	106.1
Nelson	105.4
Pike	104.9
Spencer	101.1
McLean	100.9
Ohio	98.2

County	Rate
Grayson	97.8
Marion	97.1
Henderson	97.0
Owen	97.0
Breckinridge	96.3
Logan	95.4
Menifee	94.7
Hardin	93.7
Knott	93.6
Johnson	93.4
Henry	92.1
Washington	92.1
Rockcastle	91.6
Carter	91.2
Trimble	91.1
Lewis	89.3
Green	88.8
Barren	86.2
Powell	85.5
Harlan	84.0
Metcalfe	83.7
Letcher	83.5
Muhlenberg	83.5
Mercer	82.7
Montgomery	82.7
Daviess	81.6
Butler	81.0
Nicholas	80.6
Russell	79.7
Boyd	79.2

County	Rate
Casey	78.7
Hopkins	78.6
Pendleton	78.3
Bourbon	78.0
Harrison	77.9
Mason	77.8
Greenup	77.7
McCracken	75.3
Elliott	74.1
Gallatin	74.1
Monroe	72.4
Breathitt	71.3
Madison	69.6
Hancock	68.8
Jessamine	68.4
Boyle	68.0
Cumberland	67.0
Lawrence	66.2
Meade	65.0
Bullitt	62.4
Jefferson	60.7
Franklin	59.1
Bath	58.3
Shelby	57.4
Hart	57.0
Garrard	56.6
Fayette	56.1
Clark	54.8
Lincoln	52.4
Livingston	51.3

County	Rate
Rowan	50.8
Lyon	50.5
Caldwell	50.4
Todd	50.0
Bracken	49.9
Ballard	48.9
Calloway	47.6
Scott	47.4
Oldham	46.2
Anderson	45.2
Pulaski	44.6
Crittenden	43.8
Simpson	43.1
Grant	42.7
Boone	41.4
Morgan	39.7
Trigg	38.0
Kenton	36.9
Edmonson	36.4
Clinton	36.4
Adair	35.7
Martin	34.5
Christian	33.5
Hickman	32.6
Campbell	32.5
Woodford	32.1
Carlisle	30.0
Fulton	28.7
Wayne	28.1
Robertson	13.6

Current Overall Incidence Rate
74.01 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.