

# KY COVID-19 Report 20AUG21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	534,430	395,654	138,776
Deaths	7,517	6,739	778
New Cases	3,869	2,815	1,054
New Cases 18 and Under	1,158	804	354
New Deaths	6	3	3
Additional Deaths*	34	32	2
Total New Deaths	40	35	5

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

\*Through ongoing mortality review of death certificates received after February 1, 2021, we identified 34 additional deaths not reported with earlier daily totals.

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
27,341	5.1%	0-9	0.0%	1
61,543	11.5%	10-19	0.0%	1
96,507	18.1%	20-29	0.2%	13
83,369	15.6%	30-39	0.6%	47
79,954	15.0%	40-49	2.3%	173
75,190	14.1%	50-59	6.4%	480
56,594	10.6%	60-69	17.5%	1,313
33,322	6.2%	70-79	27.6%	2,072
20,385	3.8%	80+	45.5%	3,417
225	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,178	0.3%	American Indian	0.1%	8
4,537	1.0%	Asian	0.5%	39
36,882	8.2%	Black	8.0%	575
376	0.1%	Pacific Islander	0.1%	4
384,150	85.5%	White	88.9%	6,411
22,433	5.0%	Multiracial	2.4%	172

Cases	Case Percent	Ethnicity	Death Percent	Deaths
22,147	5.2%	Hispanic	1.6%	113
407,063	94.8%	Non-Hispanic	98.4%	6,851

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 84.1% of cases and 95.9% of deaths  
Ethnicity known for 80.3% of cases and 92.6% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
14,554	113,708	12.80%

## 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
7,678,995	5,980,880	359,953	1,179,430	652,988	464,717	40,690	147,581

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	25,234	4.72%
Ever ICU	5,075	0.95%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,780
ICU	487
On Ventilator	255

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,326	4,518	67.4%
ICU Beds	1,292	692	65.1%
Ventilators	650	1,182	35.5%

## 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	87	27	14	10.4%	26.5%	14.1%	59.17%	77.45%	25.25%
Region 2	126	37	24	15.3%	30.3%	27.9%	71.36%	60.66%	40.70%
Region 3	526	147	71	13.5%	26.9%	16.0%	72.35%	70.57%	40.00%
Region 4	114	33	19	13.4%	30.6%	16.1%	56.81%	80.56%	26.27%
Region 5	339	105	64	11.0%	19.1%	11.9%	70.90%	57.89%	44.32%
Region 6	119	22	5	9.2%	12.6%	4.5%	73.72%	42.29%	21.43%
Region 7	86	22	11	13.3%	26.2%	8.9%	66.62%	48.81%	15.45%
Region 8	197	42	23	15.6%	30.9%	15.4%	55.48%	82.35%	37.58%
Region 9	143	37	20	20.4%	32.5%	20.0%	61.77%	68.42%	28.00%
Region 10	43	15	4	9.3%	33.3%	6.3%	53.35%	93.33%	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 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

### Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

### Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

### Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

### Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

### Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

### Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

### Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

### Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

## Total Cases by County

County	Cases	Percent
Jefferson	91,863	17.2%
Fayette	40,657	7.6%
Warren	18,860	3.5%
Kenton	18,237	3.4%
Boone	15,833	3.0%
Daviess	12,915	2.4%
Hardin	12,143	2.3%
Madison	10,928	2.0%
Laurel	9,569	1.8%
Campbell	9,464	1.8%
Bullitt	8,552	1.6%
Oldham	8,415	1.6%
McCracken	7,903	1.5%
Christian	7,740	1.4%
Pulaski	7,706	1.4%
Pike	7,174	1.3%
Scott	6,101	1.1%
Henderson	6,023	1.1%
Nelson	5,917	1.1%
Boyd	5,898	1.1%
Hopkins	5,716	1.1%
Jessamine	5,497	1.0%
Shelby	5,490	1.0%
Barren	5,376	1.0%
Graves	5,209	1.0%
Whitley	5,108	1.0%
Franklin	4,903	0.9%
Knox	4,592	0.9%
Floyd	4,563	0.9%
Greenup	4,300	0.8%

County	Cases	Percent
Calloway	4,130	0.8%
Boyle	3,926	0.7%
Muhlenberg	3,837	0.7%
Bell	3,778	0.7%
Taylor	3,692	0.7%
Marshall	3,658	0.7%
Logan	3,649	0.7%
Clay	3,643	0.7%
Clark	3,605	0.7%
Perry	3,455	0.6%
Montgomery	3,414	0.6%
Harlan	3,347	0.6%
Mercer	3,067	0.6%
Ohio	2,993	0.6%
Carter	2,985	0.6%
Grant	2,894	0.5%
Lincoln	2,887	0.5%
Marion	2,730	0.5%
Grayson	2,708	0.5%
Rowan	2,573	0.5%
Allen	2,544	0.5%
Woodford	2,540	0.5%
Johnson	2,522	0.5%
Hart	2,482	0.5%
Morgan	2,475	0.5%
Letcher	2,470	0.5%
Meade	2,450	0.5%
Simpson	2,399	0.4%
Wayne	2,371	0.4%
McCreary	2,261	0.4%

County	Cases	Percent
Adair	2,251	0.4%
Russell	2,139	0.4%
Anderson	2,115	0.4%
Harrison	2,058	0.4%
Bourbon	2,054	0.4%
Spencer	2,003	0.4%
Mason	1,980	0.4%
Rockcastle	1,936	0.4%
Union	1,880	0.4%
Casey	1,803	0.3%
Webster	1,803	0.3%
Garrard	1,777	0.3%
Washington	1,768	0.3%
Henry	1,734	0.3%
Jackson	1,729	0.3%
Lawrence	1,707	0.3%
Breckinridge	1,677	0.3%
Caldwell	1,676	0.3%
Lewis	1,674	0.3%
Lyon	1,664	0.3%
Butler	1,657	0.3%
Larue	1,644	0.3%
Powell	1,532	0.3%
Clinton	1,526	0.3%
Monroe	1,509	0.3%
Fleming	1,507	0.3%
Knott	1,483	0.3%
Green	1,471	0.3%
Trigg	1,470	0.3%
Lee	1,385	0.3%

County	Cases	Percent
Estill	1,374	0.3%
Magoffin	1,338	0.3%
Todd	1,338	0.3%
Metcalfe	1,288	0.2%
Pendleton	1,276	0.2%
Carroll	1,224	0.2%
Martin	1,223	0.2%
Breathitt	1,213	0.2%
Leslie	1,200	0.2%
Bath	1,165	0.2%
Elliott	1,097	0.2%
McLean	1,056	0.2%
Edmonson	1,033	0.2%
Hancock	1,031	0.2%
Livingston	1,030	0.2%
Owen	919	0.2%
Gallatin	859	0.2%
Trimble	852	0.2%
Crittenden	805	0.2%
Bracken	785	0.1%
Cumberland	770	0.1%
Nicholas	674	0.1%
Wolfe	667	0.1%
Menifee	595	0.1%
Owsley	579	0.1%
Fulton	576	0.1%
Carlisle	539	0.1%
Ballard	492	0.1%
Hickman	424	0.1%
Robertson	250	0.0%

Total Cases  
534,430

## New Cases by County

County	Cases	Percent
Jefferson	539	13.9%
Fayette	228	5.9%
Warren	146	3.8%
Hardin	145	3.7%
Daviess	105	2.7%
Laurel	103	2.7%
Pike	84	2.2%
Whitley	72	1.9%
Henderson	71	1.8%
Kenton	68	1.8%
Boone	65	1.7%
Madison	62	1.6%
Graves	59	1.5%
Knox	56	1.4%
McCracken	53	1.4%
Breckinridge	51	1.3%
Floyd	51	1.3%
Bullitt	49	1.3%
Jessamine	48	1.2%
Boyd	46	1.2%
Nelson	44	1.1%
Perry	44	1.1%
Barren	40	1.0%
Carter	39	1.0%
Bell	38	1.0%
Hopkins	38	1.0%
Oldham	37	1.0%
Pulaski	37	1.0%
Campbell	36	0.9%
Scott	36	0.9%

County	Cases	Percent
Taylor	34	0.9%
Franklin	33	0.9%
Logan	33	0.9%
McCreary	33	0.9%
Allen	31	0.8%
Boyle	31	0.8%
Harlan	30	0.8%
Marshall	30	0.8%
Magoffin	29	0.7%
Mercer	29	0.7%
Larue	28	0.7%
Marion	28	0.7%
Shelby	27	0.7%
Union	27	0.7%
Grayson	26	0.7%
Jackson	26	0.7%
Montgomery	26	0.7%
Letcher	25	0.6%
Muhlenberg	24	0.6%
Ohio	24	0.6%
Greenup	23	0.6%
Lincoln	23	0.6%
Clay	22	0.6%
Fleming	22	0.6%
Johnson	20	0.5%
Clark	19	0.5%
Meade	19	0.5%
Carroll	18	0.5%
Knott	18	0.5%
Rowan	18	0.5%

County	Cases	Percent
Spencer	18	0.5%
Christian	17	0.4%
Green	17	0.4%
Webster	17	0.4%
Estill	16	0.4%
Grant	16	0.4%
Lewis	16	0.4%
Powell	16	0.4%
Washington	16	0.4%
Gallatin	15	0.4%
Harrison	15	0.4%
Hart	15	0.4%
Henry	15	0.4%
Leslie	15	0.4%
Russell	15	0.4%
Casey	14	0.4%
Morgan	14	0.4%
Owen	14	0.4%
Rockcastle	14	0.4%
Caldwell	13	0.3%
Mason	13	0.3%
Anderson	12	0.3%
Bourbon	12	0.3%
Breathitt	12	0.3%
Owsley	12	0.3%
Bath	11	0.3%
Clinton	11	0.3%
Crittenden	10	0.3%
Lyon	10	0.3%
Trigg	10	0.3%

County	Cases	Percent
Edmonson	9	0.2%
Monroe	9	0.2%
Wolfe	9	0.2%
Adair	8	0.2%
Butler	8	0.2%
Lawrence	8	0.2%
Lee	8	0.2%
Livingston	8	0.2%
Menifee	8	0.2%
Pendleton	8	0.2%
Simpson	8	0.2%
Trimble	8	0.2%
Woodford	8	0.2%
Calloway	7	0.2%
Nicholas	7	0.2%
Elliott	6	0.2%
Garrard	6	0.2%
McLean	6	0.2%
Metcalfe	6	0.2%
Ballard	5	0.1%
Cumberland	5	0.1%
Hancock	5	0.1%
Wayne	5	0.1%
Bracken	3	0.1%
Carlisle	3	0.1%
Fulton	3	0.1%
Hickman	3	0.1%
Martin	3	0.1%
Todd	2	0.1%
Robertson	0	0.0%

Total New Cases  
3,869

Total Deaths by County

County	Deaths	Percent
Jefferson	1,379	18.3%
Fayette	324	4.3%
Kenton	212	2.8%
Daviess	207	2.8%
Warren	195	2.6%
Hardin	175	2.3%
Hopkins	156	2.1%
Boone	155	2.1%
McCracken	138	1.8%
Pulaski	123	1.6%
Pike	116	1.5%
Madison	113	1.5%
Barren	108	1.4%
Christian	108	1.4%
Graves	102	1.4%
Harlan	93	1.2%
Bullitt	88	1.2%
Laurel	87	1.2%
Oldham	86	1.1%
Henderson	83	1.1%
Campbell	81	1.1%
Boyle	80	1.1%
Boyd	79	1.1%
Shelby	79	1.1%
Floyd	75	1.0%
Jessamine	75	1.0%
Logan	74	1.0%
Muhlenberg	73	1.0%
Perry	68	0.9%
Marshall	65	0.9%

County	Deaths	Percent
Greenup	64	0.9%
Nelson	64	0.9%
Whitley	64	0.9%
Lincoln	62	0.8%
Franklin	61	0.8%
Grayson	59	0.8%
Bell	58	0.8%
Ohio	58	0.8%
Adair	57	0.8%
Hart	55	0.7%
Taylor	54	0.7%
Mercer	53	0.7%
Calloway	52	0.7%
Knox	49	0.7%
Letcher	49	0.7%
Allen	48	0.6%
Wayne	48	0.6%
Clay	46	0.6%
Monroe	46	0.6%
Russell	46	0.6%
Lewis	44	0.6%
Simpson	44	0.6%
Washington	42	0.6%
Mason	41	0.5%
Casey	40	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	0.5%
McCreary	34	0.5%
Caldwell	32	0.4%
Clark	32	0.4%
Jackson	32	0.4%
Montgomery	32	0.4%
Clinton	31	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%
Harrison	27	0.4%
Livingston	27	0.4%
Meade	27	0.4%
Crittenden	26	0.3%
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%
Bath	24	0.3%
Rockcastle	24	0.3%
Grant	23	0.3%
Lyon	22	0.3%
Rowan	22	0.3%
Woodford	22	0.3%

County	Deaths	Percent
Carroll	21	0.3%
Henry	21	0.3%
Martin	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	10	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  
7,517

## Incidence Rates by County

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

County	Rate
Clay	194.5
Magoffin	177.4
Laurel	148.5
Union	147.0
Bell	142.7
Whitley	140.6
Floyd	133.3
Larue	127.0
Jackson	126.5
Leslie	125.8
Perry	124.2
Owsley	123.0
Allen	120.6
Wolfe	117.8
Graves	115.4
Menifee	114.5
Rockcastle	110.4
Webster	110.4
Henry	109.8
Logan	108.1
Knox	104.6
Green	104.5
Taylor	104.2
Marshall	103.8
Pike	102.4
Russell	102.0
Pendleton	101.8
Henderson	101.4
Spencer	100.4
Mercer	99.0

County	Rate
Fleming	98.0
Elliott	96.9
Lewis	95.8
Marion	95.6
Trimble	94.4
Warren	94.3
Montgomery	93.9
Washington	93.3
Nelson	91.8
Hardin	91.3
Lee	90.7
Knott	90.7
Carroll	90.0
Powell	86.7
Estill	86.1
Owen	83.9
Ohio	83.4
Grayson	83.2
McLean	82.2
Butler	82.1
Carter	79.4
Casey	78.7
Breckinridge	77.4
Mason	77.0
Hopkins	76.7
McCreary	75.4
Metcalfe	75.2
Barren	73.6
Daviess	73.6
Boyd	72.5

County	Rate
Johnson	71.5
Cumberland	71.3
Letcher	70.3
Breathitt	70.1
Harlan	68.7
Greenup	67.6
Gallatin	66.0
Meade	66.0
Jessamine	66.0
Harrison	65.8
Nicholas	64.9
Muhlenberg	64.8
Lyon	64.4
Madison	64.1
Lincoln	64.0
Monroe	63.0
McCracken	62.0
Bourbon	60.6
Lawrence	60.6
Shelby	59.7
Fayette	59.2
Franklin	58.8
Hart	57.8
Garrard	56.6
Bracken	55.1
Clark	54.8
Morgan	54.7
Hancock	54.1
Jefferson	53.8
Pulaski	53.4

County	Rate
Bullitt	53.2
Bath	52.6
Todd	52.3
Anderson	50.9
Caldwell	50.4
Boyle	49.9
Rowan	49.1
Scott	48.1
Grant	47.9
Adair	47.6
Oldham	47.3
Simpson	44.6
Crittenden	43.8
Ballard	43.5
Livingston	42.0
Boone	40.1
Martin	39.6
Calloway	37.4
Edmonson	35.3
Kenton	33.5
Woodford	33.1
Carlisle	33.0
Christian	30.6
Campbell	28.1
Trigg	27.3
Wayne	24.6
Fulton	21.5
Robertson	20.3
Hickman	19.6
Clinton	12.6

Current Overall Incidence Rate  
68.95 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.