

# KY COVID-19 Report 17AUG21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	522,209	386,898	135,311
Deaths	7,459	6,687	772
New Cases	3,276	2,063	1,213
New Cases 18 and Under	849	534	315
Total New Deaths	8	7	1

Duplicates and records not meeting case criteria removed since last report: 54

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
25,983	5.0%	0-9	0.0%	1
59,310	11.4%	10-19	0.0%	1
94,592	18.1%	20-29	0.2%	13
81,429	15.6%	30-39	0.6%	46
78,342	15.0%	40-49	2.2%	167
73,828	14.1%	50-59	6.4%	475
55,593	10.6%	60-69	17.5%	1,302
32,788	6.3%	70-79	27.5%	2,054
20,121	3.9%	80+	45.6%	3,400
223	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,132	0.3%	American Indian	0.1%	8
4,495	1.0%	Asian	0.5%	37
36,233	8.2%	Black	7.9%	568
376	0.1%	Pacific Islander	0.1%	4
375,918	85.4%	White	89.0%	6,363
21,901	5.0%	Multiracial	2.4%	172

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
21,855	5.2%	Hispanic	1.6%	113
398,679	94.8%	Non-Hispanic	98.4%	6,794

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 84.3% of cases and 95.9% of deaths  
Ethnicity known for 80.5% of cases and 92.6% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
12,358	99,133	12.47%

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
7,573,190	5,909,857	357,938	1,149,835	638,955	455,071	40,159	143,725

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	25,081	4.80%
Ever ICU	5,052	0.97%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,603
ICU	441
On Ventilator	238

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,858	4,499	66.3%
ICU Beds	1,221	594	67.3%
Ventilators	616	1,183	34.2%

## 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	91	33	12	11.5%	32.4%	12.1%	64.02%	78.43%	19.19%
Region 2	118	45	24	14.3%	36.9%	27.9%	69.05%	61.48%	39.53%
Region 3	487	127	65	12.6%	23.8%	14.8%	67.73%	64.54%	39.73%
Region 4	101	27	18	11.9%	25.0%	15.3%	52.46%	76.85%	22.88%
Region 5	278	86	47	10.1%	20.7%	9.1%	74.90%	72.36%	42.28%
Region 6	108	18	6	8.4%	10.3%	5.4%	68.22%	38.86%	24.11%
Region 7	74	19	14	11.8%	29.7%	11.4%	64.59%	56.25%	16.26%
Region 8	194	45	25	16.2%	33.1%	16.8%	54.97%	86.76%	37.58%
Region 9	119	30	23	17.9%	26.3%	24.7%	64.41%	65.79%	22.58%
Region 10	33	11	4	7.0%	24.4%	6.3%	57.17%	91.11%	30.16%

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	90,297	17.3%
Fayette	39,985	7.7%
Warren	18,347	3.5%
Kenton	18,012	3.4%
Boone	15,605	3.0%
Daviess	12,609	2.4%
Hardin	11,758	2.3%
Madison	10,661	2.0%
Campbell	9,348	1.8%
Laurel	9,230	1.8%
Bullitt	8,381	1.6%
Oldham	8,273	1.6%
McCracken	7,698	1.5%
Christian	7,663	1.5%
Pulaski	7,593	1.5%
Pike	6,934	1.3%
Scott	5,982	1.1%
Henderson	5,818	1.1%
Boyd	5,763	1.1%
Nelson	5,746	1.1%
Hopkins	5,578	1.1%
Shelby	5,381	1.0%
Jessamine	5,365	1.0%
Barren	5,256	1.0%
Graves	5,066	1.0%
Whitley	4,910	0.9%
Franklin	4,796	0.9%
Knox	4,440	0.9%
Floyd	4,390	0.8%
Greenup	4,217	0.8%

County	Cases	Percent
Calloway	4,092	0.8%
Boyle	3,860	0.7%
Muhlenberg	3,770	0.7%
Bell	3,639	0.7%
Taylor	3,569	0.7%
Clay	3,552	0.7%
Clark	3,531	0.7%
Logan	3,530	0.7%
Marshall	3,520	0.7%
Montgomery	3,335	0.6%
Perry	3,318	0.6%
Harlan	3,267	0.6%
Mercer	2,974	0.6%
Ohio	2,914	0.6%
Carter	2,891	0.6%
Grant	2,841	0.5%
Lincoln	2,796	0.5%
Marion	2,666	0.5%
Grayson	2,640	0.5%
Rowan	2,512	0.5%
Woodford	2,510	0.5%
Johnson	2,451	0.5%
Morgan	2,443	0.5%
Hart	2,441	0.5%
Allen	2,432	0.5%
Letcher	2,418	0.5%
Meade	2,384	0.5%
Simpson	2,373	0.5%
Wayne	2,343	0.4%
Adair	2,219	0.4%

County	Cases	Percent
McCreary	2,214	0.4%
Russell	2,077	0.4%
Anderson	2,070	0.4%
Harrison	2,015	0.4%
Bourbon	2,000	0.4%
Spencer	1,927	0.4%
Mason	1,921	0.4%
Rockcastle	1,855	0.4%
Union	1,786	0.3%
Casey	1,744	0.3%
Webster	1,740	0.3%
Garrard	1,730	0.3%
Washington	1,724	0.3%
Henry	1,679	0.3%
Lawrence	1,673	0.3%
Jackson	1,654	0.3%
Lyon	1,649	0.3%
Caldwell	1,645	0.3%
Butler	1,619	0.3%
Lewis	1,608	0.3%
Breckinridge	1,589	0.3%
Larue	1,575	0.3%
Clinton	1,510	0.3%
Powell	1,485	0.3%
Monroe	1,481	0.3%
Trigg	1,454	0.3%
Fleming	1,431	0.3%
Knott	1,431	0.3%
Green	1,416	0.3%
Lee	1,355	0.3%

County	Cases	Percent
Estill	1,327	0.3%
Todd	1,313	0.3%
Metcalfe	1,258	0.2%
Magoffin	1,240	0.2%
Pendleton	1,236	0.2%
Martin	1,207	0.2%
Carroll	1,175	0.2%
Breathitt	1,174	0.2%
Leslie	1,155	0.2%
Bath	1,134	0.2%
Elliott	1,055	0.2%
McLean	1,028	0.2%
Edmonson	1,020	0.2%
Hancock	1,014	0.2%
Livingston	1,004	0.2%
Owen	882	0.2%
Gallatin	826	0.2%
Trimble	820	0.2%
Crittenden	786	0.2%
Bracken	766	0.1%
Cumberland	741	0.1%
Nicholas	655	0.1%
Wolfe	639	0.1%
Fulton	569	0.1%
Menifee	556	0.1%
Owsley	556	0.1%
Carlisle	533	0.1%
Ballard	474	0.1%
Hickman	418	0.1%
Robertson	249	0.0%

Total Cases  
522,209

## New Cases by County

County	Cases	Percent
Jefferson	417	12.7%
Fayette	304	9.3%
Hardin	109	3.3%
Warren	107	3.3%
Laurel	95	2.9%
Pike	94	2.9%
Kenton	67	2.0%
Boone	65	2.0%
Madison	63	1.9%
Clay	54	1.6%
Whitley	54	1.6%
Bell	49	1.5%
Daviess	48	1.5%
Barren	46	1.4%
Bullitt	46	1.4%
Nelson	44	1.3%
Floyd	43	1.3%
Graves	42	1.3%
Knox	42	1.3%
Perry	42	1.3%
Marshall	41	1.3%
Calloway	40	1.2%
Jessamine	38	1.2%
Montgomery	38	1.2%
Campbell	34	1.0%
Christian	33	1.0%
Larue	33	1.0%
Hopkins	32	1.0%
Harlan	30	0.9%
Henderson	30	0.9%

County	Cases	Percent
Oldham	30	0.9%
Pulaski	30	0.9%
Boyd	27	0.8%
Franklin	27	0.8%
McCracken	27	0.8%
Meade	27	0.8%
Scott	25	0.8%
Knott	24	0.7%
Russell	24	0.7%
Greenup	23	0.7%
Leslie	23	0.7%
Magoffin	23	0.7%
Shelby	23	0.7%
Garrard	22	0.7%
Letcher	22	0.7%
Muhlenberg	22	0.7%
Ohio	22	0.7%
Taylor	21	0.6%
Marion	20	0.6%
Mercer	20	0.6%
Allen	19	0.6%
Grant	19	0.6%
Johnson	19	0.6%
Pendleton	18	0.5%
Woodford	18	0.5%
Adair	17	0.5%
Henry	17	0.5%
Clark	16	0.5%
Spencer	16	0.5%
Butler	15	0.5%

County	Cases	Percent
Harrison	14	0.4%
Lawrence	14	0.4%
Mason	14	0.4%
Washington	14	0.4%
Grayson	13	0.4%
Hart	13	0.4%
Morgan	13	0.4%
Wayne	13	0.4%
Webster	13	0.4%
Union	12	0.4%
Casey	11	0.3%
Owen	11	0.3%
Todd	11	0.3%
Bourbon	10	0.3%
Boyle	10	0.3%
Lewis	10	0.3%
McLean	10	0.3%
Monroe	10	0.3%
Carter	9	0.3%
Lincoln	9	0.3%
Lyon	9	0.3%
Martin	9	0.3%
Metcalfe	9	0.3%
Carroll	8	0.2%
Estill	8	0.2%
Jackson	8	0.2%
Lee	8	0.2%
Powell	8	0.2%
Simpson	8	0.2%
Wolfe	8	0.2%

County	Cases	Percent
Edmonson	7	0.2%
Fleming	7	0.2%
Logan	7	0.2%
Rockcastle	7	0.2%
Rowan	7	0.2%
Trigg	7	0.2%
Trimble	7	0.2%
Anderson	6	0.2%
Breckinridge	6	0.2%
Caldwell	6	0.2%
Owsley	6	0.2%
Bracken	5	0.2%
Elliott	5	0.2%
Gallatin	5	0.2%
Green	5	0.2%
Hancock	5	0.2%
Bath	4	0.1%
Clinton	4	0.1%
Breathitt	3	0.1%
Livingston	3	0.1%
McCreary	3	0.1%
Crittenden	2	0.1%
Menifee	2	0.1%
Ballard	1	0.0%
Carlisle	1	0.0%
Hickman	1	0.0%
Nicholas	1	0.0%
Cumberland	0	0.0%
Fulton	0	0.0%
Robertson	0	0.0%

Total New Cases  
3,276

Total Deaths by County

County	Deaths	Percent
Jefferson	1,360	18.2%
Fayette	322	4.3%
Kenton	211	2.8%
Daviess	206	2.8%
Warren	195	2.6%
Hardin	174	2.3%
Hopkins	156	2.1%
Boone	155	2.1%
McCracken	138	1.9%
Pulaski	123	1.6%
Madison	113	1.5%
Pike	113	1.5%
Barren	108	1.4%
Christian	108	1.4%
Graves	101	1.4%
Harlan	93	1.2%
Laurel	86	1.2%
Bullitt	85	1.1%
Oldham	85	1.1%
Henderson	82	1.1%
Boyle	80	1.1%
Campbell	80	1.1%
Shelby	79	1.1%
Boyd	77	1.0%
Floyd	75	1.0%
Jessamine	75	1.0%
Logan	74	1.0%
Muhlenberg	72	1.0%
Perry	68	0.9%
Marshall	65	0.9%

County	Deaths	Percent
Greenup	63	0.8%
Nelson	63	0.8%
Whitley	63	0.8%
Lincoln	62	0.8%
Franklin	61	0.8%
Grayson	59	0.8%
Bell	58	0.8%
Adair	57	0.8%
Ohio	57	0.8%
Hart	54	0.7%
Taylor	53	0.7%
Calloway	52	0.7%
Mercer	52	0.7%
Letcher	49	0.7%
Wayne	48	0.6%
Allen	47	0.6%
Knox	47	0.6%
Clay	46	0.6%
Russell	46	0.6%
Monroe	45	0.6%
Simpson	44	0.6%
Lewis	43	0.6%
Mason	41	0.5%
Washington	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%
McLean	30	0.4%
Larue	29	0.4%
Lawrence	29	0.4%
Butler	28	0.4%
Todd	28	0.4%
Harrison	27	0.4%
Meade	27	0.4%
Crittenden	26	0.3%
Fleming	26	0.3%
Lee	26	0.3%
Livingston	26	0.3%
Spencer	26	0.3%
Anderson	25	0.3%
Edmonson	25	0.3%
Knott	25	0.3%
Webster	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	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	8	0.1%
Morgan	5	0.1%
Pendleton	5	0.1%
Elliott	2	0.0%

Total Deaths  
7,459

## Incidence Rates by County

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

County	Rate
Clay	221.1
Union	146.0
Laurel	133.4
Floyd	129.7
Magoffin	119.8
Graves	116.9
Bell	116.3
Whitley	114.6
Marshall	106.1
Montgomery	104.5
Perry	102.0
Logan	101.7
Henry	101.0
Jackson	100.7
Leslie	99.8
Wolfe	93.8
Knott	92.6
McCreary	91.2
Washington	90.9
Webster	89.4
Larue	89.3
Lewis	88.2
Pike	83.9
Nelson	83.1
Marion	83.0
Mercer	82.7
Henderson	81.8
Knox	81.6
Muhlenberg	81.6
Pendleton	81.3

County	Rate
Hardin	80.7
Carroll	80.6
Russell	80.5
Grayson	80.0
Trimble	79.3
Allen	79.1
Letcher	78.9
Taylor	78.7
Green	78.3
Spencer	78.3
Warren	77.8
McLean	76.0
Owen	76.0
Ohio	75.0
Owsley	74.4
Casey	72.5
Rockcastle	71.9
Estill	70.9
Lyon	69.6
Barren	69.4
Powell	69.4
Lincoln	68.7
Hart	67.5
Lawrence	67.2
Hancock	65.5
Daviess	65.4
Metcalfe	65.3
Menifee	63.8
Boyd	63.3
Harrison	62.8

County	Rate
Jessamine	61.8
Franklin	60.8
Butler	59.9
Morgan	59.0
Anderson	58.4
Greenup	58.2
Monroe	57.7
Adair	57.3
Mason	56.9
Fleming	56.8
Bracken	56.8
Hopkins	55.3
Meade	54.5
Shelby	53.9
Madison	53.5
Johnson	53.4
Garrard	53.4
Pulaski	53.0
Carter	51.7
Elliott	51.3
Clark	50.8
Caldwell	50.4
Fayette	49.2
Bullitt	49.0
Harlan	47.8
McCracken	47.6
Calloway	47.3
Boyle	47.0
Grant	46.2
Jefferson	45.9

County	Rate
Scott	45.9
Rowan	45.0
Bourbon	44.8
Lee	44.4
Breckinridge	44.0
Breathitt	43.0
Martin	42.1
Gallatin	41.9
Simpson	40.8
Crittenden	40.6
Ballard	39.8
Nicholas	39.3
Trigg	39.0
Todd	38.3
Oldham	38.3
Boone	35.8
Woodford	35.8
Edmonson	35.3
Carlisle	33.0
Christian	31.8
Kenton	31.5
Bath	30.9
Livingston	24.9
Campbell	23.7
Cumberland	21.6
Wayne	21.1
Robertson	20.3
Hickman	19.6
Fulton	14.4
Clinton	8.4

Current Overall Incidence Rate  
60.23 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.