

# KY COVID-19 Report 19AUG21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	530,573	392,866	137,707
Deaths	7,477	6,703	774
New Cases	4,836	3,453	1,383
New Cases 18 and Under	1,275	892	383
Total New Deaths	9	8	1

Duplicates and records not meeting case criteria removed since last report: 9

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
26,877	5.1%	0-9	0.0%	1
60,794	11.5%	10-19	0.0%	1
95,911	18.1%	20-29	0.2%	13
82,782	15.6%	30-39	0.6%	46
79,476	15.0%	40-49	2.3%	172
74,788	14.1%	50-59	6.4%	477
56,285	10.6%	60-69	17.5%	1,306
33,147	6.2%	70-79	27.5%	2,058
20,289	3.8%	80+	45.5%	3,403
224	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,161	0.3%	American Indian	0.1%	8
4,522	1.0%	Asian	0.5%	37
36,615	8.2%	Black	8.0%	571
376	0.1%	Pacific Islander	0.1%	4
381,061	85.4%	White	89.0%	6,377
22,224	5.0%	Multiracial	2.4%	172

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
22,047	5.2%	Hispanic	1.6%	113
404,308	94.8%	Non-Hispanic	98.4%	6,811

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 80.4% of cases and 92.6% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs
13,933	109,271

Positivity Rate
12.75%

## 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
7,646,488	5,958,963	359,005	1,170,779	648,436	461,535	40,434	146,467

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	25,182	4.75%
Ever ICU	5,071	0.96%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,708
ICU	481
On Ventilator	242

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,457	4,147	69.5%
ICU Beds	1,277	570	69.1%
Ventilators	615	1,194	34.0%

### 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	89	30	13	10.6%	29.4%	13.1%	60.26%	72.55%	19.19%
Region 2	116	42	21	14.1%	34.4%	24.4%	71.72%	65.57%	45.35%
Region 3	503	141	71	12.5%	25.5%	16.0%	71.60%	69.57%	40.45%
Region 4	114	37	18	13.4%	34.3%	15.3%	56.69%	78.70%	21.19%
Region 5	303	99	56	11.0%	23.8%	10.9%	77.72%	72.84%	38.57%
Region 6	125	23	8	9.7%	13.1%	7.1%	77.36%	45.14%	29.46%
Region 7	79	21	12	12.4%	30.4%	9.8%	66.14%	56.52%	16.26%
Region 8	198	44	22	16.5%	32.4%	14.8%	58.23%	85.29%	38.26%
Region 9	137	31	17	19.7%	25.4%	17.3%	62.27%	62.30%	25.51%
Region 10	44	13	4	9.3%	28.9%	6.3%	61.81%	91.11%	28.57%

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	91,336	17.2%
Fayette	40,433	7.6%
Warren	18,715	3.5%
Kenton	18,169	3.4%
Boone	15,768	3.0%
Daviess	12,810	2.4%
Hardin	11,999	2.3%
Madison	10,866	2.0%
Laurel	9,459	1.8%
Campbell	9,428	1.8%
Bullitt	8,500	1.6%
Oldham	8,377	1.6%
McCracken	7,849	1.5%
Christian	7,723	1.5%
Pulaski	7,669	1.4%
Pike	7,090	1.3%
Scott	6,064	1.1%
Henderson	5,952	1.1%
Nelson	5,875	1.1%
Boyd	5,852	1.1%
Hopkins	5,677	1.1%
Shelby	5,463	1.0%
Jessamine	5,448	1.0%
Barren	5,336	1.0%
Graves	5,150	1.0%
Whitley	5,051	1.0%
Franklin	4,868	0.9%
Knox	4,525	0.9%
Floyd	4,513	0.9%
Greenup	4,277	0.8%

County	Cases	Percent
Calloway	4,126	0.8%
Boyle	3,894	0.7%
Muhlenberg	3,813	0.7%
Bell	3,740	0.7%
Taylor	3,659	0.7%
Marshall	3,626	0.7%
Clay	3,625	0.7%
Logan	3,616	0.7%
Clark	3,591	0.7%
Perry	3,412	0.6%
Montgomery	3,387	0.6%
Harlan	3,317	0.6%
Mercer	3,038	0.6%
Ohio	2,969	0.6%
Carter	2,946	0.6%
Grant	2,877	0.5%
Lincoln	2,864	0.5%
Marion	2,702	0.5%
Grayson	2,684	0.5%
Rowan	2,552	0.5%
Woodford	2,533	0.5%
Allen	2,511	0.5%
Johnson	2,502	0.5%
Hart	2,465	0.5%
Morgan	2,461	0.5%
Letcher	2,444	0.5%
Meade	2,430	0.5%
Simpson	2,392	0.5%
Wayne	2,367	0.4%
Adair	2,243	0.4%

County	Cases	Percent
McCreary	2,228	0.4%
Russell	2,124	0.4%
Anderson	2,103	0.4%
Harrison	2,045	0.4%
Bourbon	2,042	0.4%
Spencer	1,985	0.4%
Mason	1,967	0.4%
Rockcastle	1,922	0.4%
Union	1,853	0.3%
Casey	1,788	0.3%
Webster	1,787	0.3%
Garrard	1,770	0.3%
Washington	1,754	0.3%
Henry	1,719	0.3%
Jackson	1,701	0.3%
Lawrence	1,699	0.3%
Caldwell	1,663	0.3%
Lewis	1,658	0.3%
Lyon	1,654	0.3%
Butler	1,649	0.3%
Breckinridge	1,623	0.3%
Larue	1,617	0.3%
Clinton	1,515	0.3%
Powell	1,515	0.3%
Monroe	1,500	0.3%
Fleming	1,484	0.3%
Knott	1,465	0.3%
Trigg	1,460	0.3%
Green	1,455	0.3%
Lee	1,376	0.3%

County	Cases	Percent
Estill	1,358	0.3%
Todd	1,337	0.3%
Magoffin	1,309	0.2%
Metcalfe	1,282	0.2%
Pendleton	1,268	0.2%
Martin	1,220	0.2%
Carroll	1,207	0.2%
Breathitt	1,202	0.2%
Leslie	1,185	0.2%
Bath	1,154	0.2%
Elliott	1,091	0.2%
McLean	1,050	0.2%
Hancock	1,026	0.2%
Edmonson	1,024	0.2%
Livingston	1,022	0.2%
Owen	905	0.2%
Gallatin	844	0.2%
Trimble	844	0.2%
Crittenden	795	0.1%
Bracken	782	0.1%
Cumberland	765	0.1%
Nicholas	667	0.1%
Wolfe	658	0.1%
Menifee	586	0.1%
Fulton	573	0.1%
Owsley	567	0.1%
Carlisle	536	0.1%
Ballard	487	0.1%
Hickman	421	0.1%
Robertson	250	0.0%

Total Cases  
530,573

## New Cases by County

County	Cases	Percent
Jefferson	637	13.2%
Fayette	275	5.7%
Warren	203	4.2%
Hardin	142	2.9%
Madison	134	2.8%
Laurel	116	2.4%
Daviess	111	2.3%
Kenton	99	2.0%
Boone	97	2.0%
Pike	96	2.0%
Nelson	90	1.9%
Whitley	88	1.8%
Floyd	84	1.7%
Taylor	73	1.5%
Henderson	69	1.4%
McCracken	69	1.4%
Bell	68	1.4%
Bullitt	68	1.4%
Logan	59	1.2%
Knox	55	1.1%
Marshall	54	1.1%
Oldham	51	1.1%
Graves	50	1.0%
Barren	49	1.0%
Campbell	49	1.0%
Hopkins	46	1.0%
Jessamine	46	1.0%
Scott	46	1.0%
Allen	45	0.9%
Boyd	45	0.9%

County	Cases	Percent
Shelby	45	0.9%
Greenup	44	0.9%
Union	44	0.9%
Clark	40	0.8%
Perry	40	0.8%
Clay	39	0.8%
Grayson	39	0.8%
Ohio	39	0.8%
Franklin	38	0.8%
Mercer	35	0.7%
Meade	33	0.7%
Garrard	32	0.7%
Magoffin	32	0.7%
Rowan	32	0.7%
Pulaski	31	0.6%
Rockcastle	31	0.6%
Webster	31	0.6%
Mason	30	0.6%
Spencer	30	0.6%
Harlan	29	0.6%
Jackson	29	0.6%
Lincoln	28	0.6%
Casey	26	0.5%
Estill	26	0.5%
Fleming	26	0.5%
Grant	26	0.5%
Christian	25	0.5%
Marion	25	0.5%
Boyle	23	0.5%
Montgomery	23	0.5%

County	Cases	Percent
Powell	23	0.5%
Calloway	22	0.5%
Henry	22	0.5%
Muhlenberg	22	0.5%
Russell	22	0.5%
Bourbon	21	0.4%
Johnson	21	0.4%
Larue	21	0.4%
Lewis	21	0.4%
Carter	20	0.4%
Carroll	19	0.4%
Green	19	0.4%
Pendleton	19	0.4%
Anderson	18	0.4%
Knott	18	0.4%
Letcher	18	0.4%
Washington	18	0.4%
Woodford	18	0.4%
Harrison	16	0.3%
Menifee	16	0.3%
Adair	15	0.3%
Breckinridge	15	0.3%
Butler	15	0.3%
Caldwell	15	0.3%
Todd	15	0.3%
Lee	14	0.3%
Bath	13	0.3%
Breathitt	13	0.3%
Elliott	13	0.3%
Morgan	13	0.3%

County	Cases	Percent
Owen	13	0.3%
Simpson	13	0.3%
Lawrence	12	0.2%
Metcalfe	12	0.2%
Trimble	12	0.2%
Ballard	11	0.2%
Monroe	11	0.2%
Bracken	10	0.2%
Cumberland	10	0.2%
Gallatin	10	0.2%
Leslie	10	0.2%
McLean	10	0.2%
Wolfe	10	0.2%
Nicholas	9	0.2%
Hart	8	0.2%
Wayne	8	0.2%
Livingston	7	0.1%
Owsley	7	0.1%
Hancock	6	0.1%
McCreary	4	0.1%
Martin	4	0.1%
Trigg	4	0.1%
Carlisle	3	0.1%
Edmonson	3	0.1%
Clinton	2	0.0%
Fulton	2	0.0%
Lyon	2	0.0%
Crittenden	1	0.0%
Hickman	1	0.0%
Robertson	1	0.0%

Total New Cases  
4,836

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,367	18.3%
Fayette	322	4.3%
Kenton	211	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%
Madison	113	1.5%
Pike	113	1.5%
Barren	108	1.4%
Christian	108	1.4%
Graves	102	1.4%
Harlan	93	1.2%
Bullitt	87	1.2%
Laurel	86	1.2%
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	73	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%
Monroe	46	0.6%
Russell	46	0.6%
Lewis	44	0.6%
Simpson	44	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%
Union	19	0.3%
Breckinridge	18	0.2%
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  
7,477

## Incidence Rates by County

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

County	Rate
Clay	216.1
Magoffin	172.7
Union	148.0
Laurel	144.7
Bell	137.2
Whitley	137.1
Floyd	136.9
Leslie	121.5
Perry	119.2
Wolfe	113.8
Rockcastle	113.0
Jackson	111.5
Allen	110.6
Graves	108.1
Larue	106.2
Webster	106.0
Logan	105.4
Marshall	104.7
Henry	104.5
Owsley	103.5
Green	103.2
Russell	102.0
Menifee	101.3
Pendleton	100.9
Montgomery	98.9
Mercer	98.4
Spencer	98.2
Pike	98.0
Taylor	97.0
Nelson	95.2

County	Rate
Lewis	93.6
Knox	93.6
Marion	93.4
Elliott	93.1
Knott	92.6
Warren	91.2
Henderson	87.8
Washington	87.4
Carroll	87.3
Trimble	86.0
Grayson	84.9
McCreary	84.6
Hardin	84.3
Fleming	83.3
Lee	83.0
Mason	81.2
Estill	81.0
Powell	80.9
Metcalfe	80.9
McLean	80.7
Casey	80.5
Owen	79.9
Butler	78.8
Ohio	77.4
Lincoln	76.2
Barren	76.2
Lawrence	75.5
Hopkins	74.8
Boyd	71.9
Johnson	70.8

County	Rate
Daviess	70.8
Muhlenberg	68.1
Greenup	66.3
Harrison	65.8
Madison	65.6
Hancock	65.5
Carter	65.0
Meade	64.5
Bracken	63.7
Monroe	63.0
Cumberland	62.6
Breathitt	62.2
Letcher	61.6
Hart	60.8
Garrard	60.6
Shelby	60.0
Jessamine	59.9
Bourbon	59.9
Anderson	59.7
Harlan	58.8
Clark	58.3
Todd	58.1
Pulaski	57.2
McCracken	56.8
Morgan	55.8
Franklin	55.8
Fayette	54.6
Lyon	53.9
Adair	52.8
Breckinridge	51.6

County	Rate
Gallatin	51.5
Bullitt	51.4
Jefferson	51.4
Nicholas	51.1
Martin	49.8
Scott	47.6
Grant	46.2
Rowan	46.1
Caldwell	45.9
Oldham	44.3
Simpson	42.3
Boyle	42.3
Calloway	41.8
Ballard	41.7
Bath	41.1
Boone	40.3
Livingston	37.3
Woodford	36.9
Christian	36.1
Crittenden	34.1
Kenton	32.9
Edmonson	29.4
Carlisle	27.0
Campbell	26.0
Wayne	24.6
Trigg	21.5
Robertson	20.3
Hickman	19.6
Fulton	19.1
Clinton	7.0

**Current Overall Incidence Rate**  
66.76 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.