

# KY COVID-19 Report 15AUG21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	516,901	383,376	133,525
Deaths	7,442	6,673	769
New Cases	2,280	1,799	481
New Cases 18 and Under	538	406	132
Total New Deaths	8	7	1

Duplicates and records not meeting case criteria removed since last report: 0

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
25,389	4.9%	0-9	0.0%	1
58,442	11.3%	10-19	0.0%	1
93,759	18.1%	20-29	0.2%	13
80,554	15.6%	30-39	0.6%	46
77,627	15.0%	40-49	2.2%	167
73,193	14.2%	50-59	6.3%	471
55,181	10.7%	60-69	17.5%	1,299
32,528	6.3%	70-79	27.5%	2,049
20,008	3.9%	80+	45.6%	3,395
220	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,098	0.3%	American Indian	0.1%	8
4,464	1.0%	Asian	0.5%	37
35,597	8.2%	Black	8.0%	568
376	0.1%	Pacific Islander	0.1%	4
368,603	85.4%	White	89.0%	6,350
21,460	5.0%	Multiracial	2.4%	171

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
21,702	5.2%	Hispanic	1.6%	112
394,580	94.8%	Non-Hispanic	98.4%	6,781

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
 Race known for 83.5% 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
11,308	92,730	12.19%

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
7,534,330	5,885,671	357,253	1,137,571	633,017	451,139	39,989	141,889

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	24,932	4.82%
Ever ICU	5,030	0.97%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,477
ICU	410
On Ventilator	211

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,091	4,266	68.1%
ICU Beds	1,233	582	67.9%
Ventilators	590	1,215	32.7%

### 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	77	34	8	9.7%	33.3%	8.1%	54.92%	69.61%	19.19%
Region 2	106	41	22	12.9%	33.6%	25.9%	66.14%	63.93%	36.47%
Region 3	468	124	62	12.1%	23.3%	14.2%	70.31%	66.60%	39.95%
Region 4	97	25	18	11.4%	23.1%	15.3%	53.99%	73.15%	26.27%
Region 5	238	73	47	8.6%	17.5%	9.0%	76.53%	75.00%	39.20%
Region 6	104	17	10	8.1%	9.7%	8.9%	74.57%	44.00%	28.57%
Region 7	74	22	5	11.8%	34.4%	4.1%	72.25%	68.75%	6.61%
Region 8	173	34	21	14.5%	25.0%	14.5%	57.73%	77.94%	33.79%
Region 9	105	29	13	15.8%	25.4%	13.0%	64.71%	64.04%	23.00%
Region 10	35	11	5	7.4%	24.4%	7.8%	58.44%	84.44%	26.56%

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	89,612	17.3%
Fayette	39,653	7.7%
Warren	18,147	3.5%
Kenton	17,893	3.5%
Boone	15,500	3.0%
Daviess	12,529	2.4%
Hardin	11,585	2.2%
Madison	10,581	2.0%
Campbell	9,287	1.8%
Laurel	9,065	1.8%
Bullitt	8,304	1.6%
Oldham	8,225	1.6%
McCracken	7,633	1.5%
Christian	7,615	1.5%
Pulaski	7,520	1.5%
Pike	6,813	1.3%
Scott	5,946	1.2%
Henderson	5,756	1.1%
Nelson	5,684	1.1%
Boyd	5,675	1.1%
Hopkins	5,506	1.1%
Shelby	5,335	1.0%
Jessamine	5,307	1.0%
Barren	5,192	1.0%
Graves	4,971	1.0%
Whitley	4,850	0.9%
Franklin	4,757	0.9%
Knox	4,382	0.8%
Floyd	4,310	0.8%
Greenup	4,165	0.8%

County	Cases	Percent
Calloway	4,055	0.8%
Boyle	3,831	0.7%
Muhlenberg	3,750	0.7%
Bell	3,580	0.7%
Taylor	3,531	0.7%
Clark	3,496	0.7%
Logan	3,488	0.7%
Clay	3,458	0.7%
Marshall	3,454	0.7%
Montgomery	3,258	0.6%
Perry	3,251	0.6%
Harlan	3,229	0.6%
Mercer	2,934	0.6%
Ohio	2,889	0.6%
Carter	2,838	0.5%
Grant	2,814	0.5%
Lincoln	2,771	0.5%
Marion	2,616	0.5%
Grayson	2,603	0.5%
Rowan	2,501	0.5%
Woodford	2,485	0.5%
Morgan	2,429	0.5%
Johnson	2,425	0.5%
Hart	2,422	0.5%
Allen	2,402	0.5%
Letcher	2,374	0.5%
Simpson	2,353	0.5%
Meade	2,335	0.5%
Wayne	2,329	0.5%
McCreary	2,198	0.4%

County	Cases	Percent
Adair	2,193	0.4%
Anderson	2,047	0.4%
Russell	2,045	0.4%
Harrison	1,993	0.4%
Bourbon	1,985	0.4%
Spencer	1,901	0.4%
Mason	1,900	0.4%
Rockcastle	1,842	0.4%
Union	1,772	0.3%
Casey	1,728	0.3%
Webster	1,720	0.3%
Garrard	1,706	0.3%
Washington	1,697	0.3%
Lawrence	1,657	0.3%
Henry	1,645	0.3%
Jackson	1,638	0.3%
Lyon	1,629	0.3%
Caldwell	1,627	0.3%
Butler	1,596	0.3%
Lewis	1,594	0.3%
Breckinridge	1,578	0.3%
Larue	1,539	0.3%
Clinton	1,505	0.3%
Powell	1,476	0.3%
Monroe	1,471	0.3%
Trigg	1,444	0.3%
Fleming	1,415	0.3%
Green	1,406	0.3%
Knott	1,392	0.3%
Lee	1,344	0.3%

County	Cases	Percent
Estill	1,302	0.3%
Todd	1,301	0.3%
Metcalfe	1,247	0.2%
Pendleton	1,214	0.2%
Magoffin	1,210	0.2%
Martin	1,193	0.2%
Breathitt	1,167	0.2%
Carroll	1,164	0.2%
Bath	1,128	0.2%
Leslie	1,122	0.2%
Elliott	1,047	0.2%
McLean	1,013	0.2%
Edmonson	1,009	0.2%
Hancock	1,007	0.2%
Livingston	998	0.2%
Owen	870	0.2%
Gallatin	820	0.2%
Trimble	808	0.2%
Crittenden	780	0.2%
Bracken	759	0.1%
Cumberland	741	0.1%
Nicholas	650	0.1%
Wolfe	625	0.1%
Fulton	569	0.1%
Menifee	551	0.1%
Owsley	549	0.1%
Carlisle	531	0.1%
Ballard	469	0.1%
Hickman	417	0.1%
Robertson	249	0.0%

Total Cases  
516,901

## New Cases by County

County	Cases	Percent
Jefferson	335	14.7%
Fayette	140	6.1%
Warren	79	3.5%
Hardin	78	3.4%
Laurel	67	2.9%
Daviess	65	2.9%
Clay	62	2.7%
Pulaski	51	2.2%
Floyd	50	2.2%
Whitley	42	1.8%
Kenton	39	1.7%
Madison	39	1.7%
Graves	37	1.6%
Bullitt	34	1.5%
Franklin	33	1.4%
Grayson	32	1.4%
Rockcastle	32	1.4%
Oldham	30	1.3%
Pike	30	1.3%
Bell	29	1.3%
Boyd	29	1.3%
Barren	28	1.2%
Henderson	28	1.2%
Montgomery	26	1.1%
Perry	26	1.1%
McCracken	25	1.1%
Russell	25	1.1%
Taylor	24	1.1%
Boone	23	1.0%
Muhlenberg	23	1.0%

County	Cases	Percent
Greenup	22	1.0%
Marshall	22	1.0%
Scott	22	1.0%
Shelby	22	1.0%
Nelson	21	0.9%
Hopkins	20	0.9%
Clark	19	0.8%
Jessamine	19	0.8%
Johnson	19	0.8%
Union	19	0.8%
Christian	18	0.8%
Henry	18	0.8%
Mercer	18	0.8%
Calloway	14	0.6%
Carter	14	0.6%
Hart	14	0.6%
Rowan	14	0.6%
Spencer	14	0.6%
Letcher	13	0.6%
Ohio	13	0.6%
Harrison	12	0.5%
Logan	12	0.5%
McCreary	12	0.5%
Wolfe	12	0.5%
Estill	11	0.5%
Knox	11	0.5%
Powell	11	0.5%
Allen	10	0.4%
Boyle	10	0.4%
Jackson	10	0.4%

County	Cases	Percent
Leslie	10	0.4%
Magoffin	10	0.4%
Washington	10	0.4%
Anderson	9	0.4%
Campbell	9	0.4%
Green	9	0.4%
Metcalfe	9	0.4%
Adair	8	0.4%
Casey	8	0.4%
Knott	8	0.4%
Lincoln	8	0.4%
Meade	8	0.4%
Nicholas	8	0.4%
Webster	8	0.4%
Breathitt	7	0.3%
Larue	7	0.3%
Marion	7	0.3%
Trimble	7	0.3%
Grant	6	0.3%
Breckinridge	5	0.2%
Butler	5	0.2%
McLean	5	0.2%
Woodford	5	0.2%
Bath	4	0.2%
Fleming	4	0.2%
Hancock	4	0.2%
Lawrence	4	0.2%
Lewis	4	0.2%
Morgan	4	0.2%
Owsley	4	0.2%

County	Cases	Percent
Pendleton	4	0.2%
Simpson	4	0.2%
Edmonson	3	0.1%
Mason	3	0.1%
Menifee	3	0.1%
Owen	3	0.1%
Ballard	2	0.1%
Caldwell	2	0.1%
Carlisle	2	0.1%
Crittenden	2	0.1%
Elliott	2	0.1%
Fulton	2	0.1%
Garrard	2	0.1%
Lee	2	0.1%
Lyon	2	0.1%
Monroe	2	0.1%
Trigg	2	0.1%
Bourbon	1	0.0%
Bracken	1	0.0%
Carroll	1	0.0%
Harlan	1	0.0%
Livingston	1	0.0%
Martin	1	0.0%
Todd	1	0.0%
Clinton	0	0.0%
Cumberland	0	0.0%
Gallatin	0	0.0%
Hickman	0	0.0%
Robertson	0	0.0%
Wayne	0	0.0%

Total New Cases  
2,280

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,360	18.3%
Fayette	322	4.3%
Kenton	210	2.8%
Daviess	202	2.7%
Warren	195	2.6%
Hardin	174	2.3%
Hopkins	155	2.1%
Boone	154	2.1%
McCracken	138	1.9%
Pulaski	122	1.6%
Madison	113	1.5%
Pike	113	1.5%
Barren	108	1.5%
Christian	108	1.5%
Graves	101	1.4%
Harlan	93	1.2%
Laurel	86	1.2%
Bullitt	85	1.1%
Oldham	85	1.1%
Henderson	81	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	71	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%
Ohio	57	0.8%
Adair	55	0.7%
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	44	0.6%
Simpson	44	0.6%
Lewis	42	0.6%
Mason	41	0.6%
Washington	41	0.6%
Casey	40	0.5%
Marion	39	0.5%
Johnson	38	0.5%
Carter	37	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	22	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	4	0.1%
Elliott	2	0.0%

Total Deaths  
7,442

## Incidence Rates by County

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

County	Rate
Clay	180.9
Union	153.0
Laurel	123.6
Floyd	116.0
Whitley	113.1
Logan	103.3
Jackson	100.7
Graves	99.7
Bell	99.3
Wolfe	97.8
Magoffin	97.5
Perry	95.9
Henry	95.7
Marshall	91.4
Ohio	89.3
Muhlenberg	86.3
Carroll	86.0
Grayson	86.0
Leslie	85.3
Webster	85.0
Lewis	82.9
Green	79.6
McCreary	79.6
Menifee	79.3
Montgomery	78.1
Rockcastle	77.9
Allen	77.7
Nelson	76.9
Monroe	76.5
Pike	76.3

County	Rate
Mercer	75.6
Washington	74.4
Trimble	74.2
Taylor	73.7
Owen	73.4
Hardin	73.3
Lawrence	71.8
Warren	71.8
Henderson	71.1
Hart	69.8
Knott	69.5
Spencer	69.4
Casey	69.0
Knox	68.3
McLean	68.3
Metcalfe	68.1
Hancock	67.2
Pendleton	66.6
Powell	65.9
Lincoln	65.8
Letcher	65.6
Daviess	65.3
Barren	63.9
Marion	63.7
Harrison	62.8
Jessamine	60.7
Fleming	59.8
Larue	59.5
Morgan	59.0
Russell	59.0

County	Rate
Estill	58.7
Bracken	58.5
Franklin	55.5
Hopkins	54.7
Breckinridge	54.4
Shelby	53.9
Boyd	50.8
Madison	50.5
Martin	49.8
Greenup	49.7
Bullitt	48.8
Breathitt	48.6
Owsley	48.5
Rowan	48.5
Anderson	48.4
Butler	47.7
Mason	46.9
Johnson	46.4
McCracken	46.3
Pulaski	46.2
Adair	45.4
Gallatin	45.1
Carlisle	45.0
Fayette	44.2
Bourbon	44.0
Calloway	44.0
Elliott	43.7
Cumberland	43.2
Garrard	42.9
Scott	42.1

County	Rate
Boyle	41.8
Clark	41.8
Caldwell	41.5
Grant	41.0
Jefferson	40.8
Carter	40.5
Lyon	40.0
Ballard	39.8
Trigg	39.0
Meade	38.5
Woodford	37.9
Harlan	37.3
Nicholas	37.3
Lee	36.7
Todd	36.0
Edmonson	35.3
Oldham	34.4
Boone	33.0
Crittenden	32.4
Bath	32.0
Kenton	29.2
Simpson	28.5
Christian	28.2
Livingston	21.8
Robertson	20.3
Campbell	20.1
Hickman	19.6
Fulton	19.1
Wayne	16.2
Clinton	14.0

**Current Overall Incidence Rate**  
55.09 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.