

# KY COVID-19 Report

## 03SEP21

### Daily Summary

Measure	Total	Confirmed	Probable
Cases	592,489	436,548	155,941
Deaths	7,845	7,022	823
New Cases	5,111	3,474	1,637
New Cases 18 and Under	1,547	992	555
Total New Deaths	24	18	6

Duplicates and records not meeting case criteria removed since last report: 36

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
33,672	5.7%	0-9	0.0%	1
73,947	12.5%	10-19	0.0%	1
105,360	17.8%	20-29	0.2%	14
92,288	15.6%	30-39	0.7%	56
87,404	14.8%	40-49	2.4%	190
81,388	13.7%	50-59	6.8%	530
60,949	10.3%	60-69	17.8%	1,395
35,801	6.0%	70-79	27.6%	2,167
21,449	3.6%	80+	44.5%	3,491
231	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,426	0.3%	American Indian	0.1%	8
4,723	1.0%	Asian	0.5%	40
40,008	8.1%	Black	7.9%	593
376	0.1%	Pacific Islander	0.1%	4
424,057	85.5%	White	89.1%	6,702
25,131	5.1%	Multiracial	2.4%	177

Cases	Case Percent	Ethnicity	Death Percent	Deaths
23,553	5.0%	Hispanic	1.6%	117
450,288	95.0%	Non-Hispanic	98.4%	7,158

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 83.7% of cases and 95.9% of deaths  
Ethnicity known for 80.0% of cases and 92.7% of deaths

### Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
20,763	157,641	13.17%

### 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
8,157,421	6,307,788	370,155	1,306,709	720,078	511,298	43,676	165,104

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	26,297	4.44%
Ever ICU	5,249	0.89%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,365
ICU	661
On Ventilator	425

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,524	3,623	72.4%
ICU Beds	1,336	160	89.3%
Ventilators	865	1,035	45.5%

## 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	139	47	38	17.6%	54.7%	40.9%	68.95%	93.02%	43.01%
Region 2	169	52	38	21.6%	63.4%	44.2%	75.13%	100.00%	61.63%
Region 3	680	178	134	18.1%	43.0%	29.4%	74.13%	92.75%	56.80%
Region 4	166	44	19	19.8%	46.3%	14.1%	62.46%	98.95%	29.63%
Region 5	422	130	72	15.3%	37.7%	13.8%	78.84%	90.72%	45.96%
Region 6	123	24	17	10.3%	32.0%	14.9%	83.53%	98.67%	43.86%
Region 7	110	36	23	16.9%	40.4%	13.1%	65.64%	50.56%	16.48%
Region 8	277	61	39	22.2%	33.0%	26.2%	61.56%	77.30%	53.02%
Region 9	220	55	34	33.5%	71.4%	34.7%	67.68%	94.81%	44.90%
Region 10	59	34	11	12.4%	70.8%	15.1%	57.65%	100.00%	43.84%

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. As compared to previous weeks, most regions are now showing >80% of ICU beds in use. This is due, in part, to a change in counting available beds – rather than reporting bed availability alone, hospitals are now reporting available beds that have available staff coverage, better reflecting actual hospital capacity levels.

### 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	99,407	16.8%
Fayette	43,821	7.4%
Warren	20,974	3.5%
Kenton	19,398	3.3%
Boone	16,728	2.8%
Daviess	14,096	2.4%
Hardin	13,990	2.4%
Madison	12,120	2.0%
Laurel	10,965	1.9%
Campbell	10,179	1.7%
Bullitt	9,649	1.6%
Oldham	8,963	1.5%
McCracken	8,657	1.5%
Pulaski	8,369	1.4%
Pike	8,348	1.4%
Christian	8,202	1.4%
Henderson	6,725	1.1%
Nelson	6,661	1.1%
Boyd	6,585	1.1%
Scott	6,503	1.1%
Hopkins	6,379	1.1%
Whitley	6,147	1.0%
Jessamine	6,142	1.0%
Barren	6,059	1.0%
Graves	6,058	1.0%
Shelby	5,914	1.0%
Franklin	5,468	0.9%
Floyd	5,367	0.9%
Knox	5,306	0.9%
Greenup	4,869	0.8%

County	Cases	Percent
Bell	4,621	0.8%
Calloway	4,458	0.8%
Muhlenberg	4,409	0.7%
Boyle	4,396	0.7%
Clay	4,321	0.7%
Perry	4,297	0.7%
Marshall	4,216	0.7%
Taylor	4,181	0.7%
Logan	4,095	0.7%
Clark	4,022	0.7%
Harlan	3,805	0.6%
Montgomery	3,710	0.6%
Carter	3,549	0.6%
Mercer	3,489	0.6%
Ohio	3,400	0.6%
Grayson	3,274	0.6%
Lincoln	3,202	0.5%
Grant	3,152	0.5%
Marion	3,115	0.5%
Allen	2,963	0.5%
Johnson	2,871	0.5%
Letcher	2,792	0.5%
Rowan	2,783	0.5%
Hart	2,739	0.5%
Meade	2,732	0.5%
Woodford	2,648	0.4%
Simpson	2,574	0.4%
Morgan	2,561	0.4%
Russell	2,529	0.4%
McCreary	2,494	0.4%

County	Cases	Percent
Wayne	2,492	0.4%
Adair	2,488	0.4%
Bourbon	2,380	0.4%
Harrison	2,352	0.4%
Anderson	2,348	0.4%
Spencer	2,289	0.4%
Rockcastle	2,231	0.4%
Mason	2,132	0.4%
Casey	2,124	0.4%
Breckinridge	2,119	0.4%
Union	2,112	0.4%
Webster	2,011	0.3%
Larue	2,010	0.3%
Garrard	2,004	0.3%
Jackson	1,988	0.3%
Henry	1,986	0.3%
Washington	1,968	0.3%
Lawrence	1,952	0.3%
Lewis	1,881	0.3%
Butler	1,845	0.3%
Caldwell	1,807	0.3%
Powell	1,807	0.3%
Lyon	1,744	0.3%
Fleming	1,724	0.3%
Monroe	1,723	0.3%
Knott	1,698	0.3%
Green	1,689	0.3%
Estill	1,631	0.3%
Clinton	1,614	0.3%
Magoffin	1,595	0.3%

County	Cases	Percent
Trigg	1,554	0.3%
Leslie	1,515	0.3%
Breathitt	1,493	0.3%
Lee	1,488	0.3%
Carroll	1,443	0.2%
Pendleton	1,440	0.2%
Metcalfe	1,426	0.2%
Todd	1,422	0.2%
Martin	1,383	0.2%
Bath	1,288	0.2%
McLean	1,183	0.2%
Edmonson	1,167	0.2%
Elliott	1,163	0.2%
Hancock	1,134	0.2%
Livingston	1,103	0.2%
Owen	1,085	0.2%
Trimble	984	0.2%
Gallatin	961	0.2%
Crittenden	873	0.1%
Wolfe	845	0.1%
Bracken	843	0.1%
Cumberland	831	0.1%
Nicholas	798	0.1%
Owsley	723	0.1%
Menifee	678	0.1%
Fulton	626	0.1%
Carlisle	560	0.1%
Ballard	542	0.1%
Hickman	466	0.1%
Robertson	272	0.0%

Total Cases  
592,489

## New Cases by County

County	Cases	Percent
Jefferson	545	10.7%
Fayette	297	5.8%
Warren	190	3.7%
Hardin	172	3.4%
Pike	161	3.2%
Kenton	126	2.5%
Madison	121	2.4%
Boone	118	2.3%
Whitley	114	2.2%
Daviess	113	2.2%
Laurel	84	1.6%
Graves	80	1.6%
Bullitt	76	1.5%
Bell	73	1.4%
Perry	72	1.4%
Carter	70	1.4%
Henderson	68	1.3%
Barren	67	1.3%
Boyd	67	1.3%
Campbell	65	1.3%
Mercer	65	1.3%
Marion	60	1.2%
Christian	58	1.1%
Franklin	58	1.1%
Floyd	57	1.1%
Jessamine	57	1.1%
Nelson	57	1.1%
Knox	56	1.1%
Boyle	52	1.0%
Pulaski	52	1.0%

County	Cases	Percent
Muhlenberg	51	1.0%
Hopkins	48	0.9%
Greenup	47	0.9%
Oldham	47	0.9%
Scott	44	0.9%
Harlan	43	0.8%
Marshall	43	0.8%
Russell	42	0.8%
Breckinridge	41	0.8%
Bourbon	40	0.8%
Grayson	40	0.8%
Allen	37	0.7%
McCracken	36	0.7%
Clay	35	0.7%
Johnson	34	0.7%
Larue	34	0.7%
Lawrence	34	0.7%
Shelby	32	0.6%
Casey	31	0.6%
Clark	31	0.6%
Meade	31	0.6%
Calloway	29	0.6%
Harrison	29	0.6%
Montgomery	28	0.5%
Anderson	27	0.5%
Logan	27	0.5%
Magoffin	27	0.5%
Rockcastle	26	0.5%
Breathitt	25	0.5%
Hart	25	0.5%

County	Cases	Percent
Grant	24	0.5%
Leslie	24	0.5%
McCreary	23	0.5%
Rowan	23	0.5%
Carroll	22	0.4%
Martin	22	0.4%
Mason	22	0.4%
Estill	21	0.4%
Garrard	21	0.4%
Jackson	21	0.4%
Knott	21	0.4%
Ohio	21	0.4%
Owen	21	0.4%
Trimble	21	0.4%
Washington	21	0.4%
Webster	21	0.4%
Lincoln	20	0.4%
Monroe	20	0.4%
Powell	20	0.4%
Fleming	19	0.4%
Letcher	19	0.4%
Wayne	19	0.4%
Adair	17	0.3%
Henry	17	0.3%
Taylor	17	0.3%
Edmonson	16	0.3%
Lewis	16	0.3%
Butler	14	0.3%
Hancock	14	0.3%
Metcalfe	13	0.3%

County	Cases	Percent
Simpson	13	0.3%
Bath	12	0.2%
Nicholas	12	0.2%
Owsley	12	0.2%
Pendleton	12	0.2%
Spencer	12	0.2%
Todd	11	0.2%
Fulton	10	0.2%
McLean	10	0.2%
Trigg	10	0.2%
Union	10	0.2%
Woodford	10	0.2%
Caldwell	9	0.2%
Green	8	0.2%
Crittenden	7	0.1%
Menifee	6	0.1%
Elliott	5	0.1%
Livingston	5	0.1%
Bracken	4	0.1%
Cumberland	4	0.1%
Wolfe	4	0.1%
Ballard	3	0.1%
Clinton	3	0.1%
Gallatin	3	0.1%
Hickman	3	0.1%
Lee	3	0.1%
Morgan	3	0.1%
Carlisle	1	0.0%
Robertson	1	0.0%
Lyon	0	0.0%

Total New Cases  
5,111

Total Deaths by County

County	Deaths	Percent
Jefferson	1,421	18.1%
Fayette	335	4.3%
Kenton	219	2.8%
Daviess	217	2.8%
Warren	201	2.6%
Hardin	193	2.5%
Boone	162	2.1%
Hopkins	161	2.1%
McCracken	140	1.8%
Pulaski	135	1.7%
Pike	130	1.7%
Madison	118	1.5%
Christian	112	1.4%
Barren	109	1.4%
Graves	108	1.4%
Harlan	98	1.2%
Bullitt	96	1.2%
Henderson	87	1.1%
Laurel	87	1.1%
Oldham	86	1.1%
Shelby	86	1.1%
Floyd	85	1.1%
Boyd	84	1.1%
Campbell	84	1.1%
Boyle	80	1.0%
Jessamine	79	1.0%
Muhlenberg	79	1.0%
Logan	77	1.0%
Nelson	70	0.9%
Perry	70	0.9%

County	Deaths	Percent
Marshall	69	0.9%
Bell	67	0.9%
Franklin	65	0.8%
Greenup	65	0.8%
Whitley	65	0.8%
Lincoln	64	0.8%
Grayson	61	0.8%
Ohio	59	0.8%
Taylor	59	0.8%
Adair	58	0.7%
Mercer	57	0.7%
Calloway	56	0.7%
Hart	56	0.7%
Letcher	52	0.7%
Wayne	50	0.6%
Knox	49	0.6%
Monroe	49	0.6%
Russell	49	0.6%
Allen	48	0.6%
Clay	48	0.6%
Lewis	48	0.6%
Simpson	46	0.6%
Carter	44	0.6%
Mason	44	0.6%
Washington	42	0.5%
Casey	41	0.5%
Marion	40	0.5%
Jackson	39	0.5%
Johnson	39	0.5%
Garrard	37	0.5%

County	Deaths	Percent
Scott	37	0.5%
McCreary	35	0.4%
Montgomery	35	0.4%
Caldwell	34	0.4%
Gallatin	34	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Metcalfe	32	0.4%
Lawrence	31	0.4%
McLean	31	0.4%
Larue	30	0.4%
Meade	29	0.4%
Butler	28	0.4%
Harrison	28	0.4%
Todd	28	0.4%
Webster	28	0.4%
Crittenden	27	0.3%
Lee	27	0.3%
Livingston	27	0.3%
Anderson	26	0.3%
Fleming	26	0.3%
Knott	26	0.3%
Spencer	26	0.3%
Edmonson	25	0.3%
Grant	25	0.3%
Rockcastle	25	0.3%
Bath	24	0.3%
Lyon	23	0.3%
Woodford	23	0.3%
Martin	22	0.3%

County	Deaths	Percent
Rowan	22	0.3%
Bourbon	21	0.3%
Carroll	21	0.3%
Henry	21	0.3%
Breckinridge	20	0.3%
Union	20	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%
Trigg	16	0.2%
Hancock	15	0.2%
Powell	15	0.2%
Robertson	15	0.2%
Breathitt	13	0.2%
Cumberland	13	0.2%
Owen	13	0.2%
Ballard	12	0.2%
Estill	12	0.2%
Carlisle	10	0.1%
Nicholas	10	0.1%
Leslie	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  
7,845

## Incidence Rates by County

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

County	Rate
Owsley	262.1
Perry	226.8
Leslie	224.2
Bell	219.5
Clay	211.0
Whitley	195.4
Russell	183.3
Breathitt	179.8
Wolfe	173.7
Powell	173.4
Larue	169.7
Graves	168.7
Carter	158.3
Marion	155.7
Rockcastle	154.0
Laurel	151.0
Mercer	149.8
Floyd	147.7
Grayson	146.0
Knox	145.9
Breckinridge	145.8
Magoffin	139.8
Nicholas	139.5
Carroll	135.7
Greenup	133.5
Monroe	132.8
Casey	132.6
Barren	131.7
Estill	130.6
Lawrence	130.6

County	Rate
Allen	130.0
Hardin	129.0
Muhlenberg	127.8
Pike	126.9
Bourbon	124.2
Harlan	123.6
Fleming	123.4
Ohio	122.6
Trimble	121.4
Logan	121.2
Webster	119.2
Owen	117.9
Martin	117.4
Boyle	115.5
Henry	114.3
Metcalfe	113.5
Jackson	111.5
Henderson	111.2
Lewis	109.8
Harrison	109.7
Warren	107.7
Spencer	106.3
Johnson	106.2
Washington	103.9
Bullitt	103.9
Boyd	102.1
Hart	102.1
Nelson	102.0
Madison	100.6
Marshall	99.7

County	Rate
Hancock	93.4
Knott	92.6
Green	90.1
Lincoln	89.6
McLean	88.4
Menifee	88.1
Taylor	87.0
Lee	86.8
Butler	86.5
Union	84.4
Gallatin	82.1
Daviess	81.6
Hopkins	81.5
Fulton	81.4
Letcher	80.9
Edmonson	77.6
Jessamine	77.3
Garrard	76.0
Cumberland	75.6
Robertson	74.5
Mason	73.6
Pendleton	73.4
Clark	72.5
Meade	72.0
Bath	70.9
Fayette	70.8
Calloway	70.3
Franklin	70.3
Grant	70.1
Hickman	68.5

County	Rate
Jefferson	68.3
Oldham	67.6
Caldwell	66.1
McCracken	65.3
Montgomery	63.9
Simpson	63.8
Pulaski	62.2
Shelby	59.7
Campbell	58.5
Scott	54.1
Rowan	52.6
Adair	50.6
McCreary	50.6
Boone	49.9
Elliott	49.4
Anderson	47.7
Kenton	47.5
Ballard	47.1
Crittenden	45.4
Bracken	44.7
Christian	43.0
Morgan	41.9
Clinton	36.4
Todd	36.0
Wayne	34.4
Lyon	33.1
Livingston	32.6
Trigg	27.3
Carlisle	24.0
Woodford	18.7

Current Overall Incidence Rate  
89.89 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.