

# KY COVID-19 Report 23SEP21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	670,084	488,734	181,350
Deaths	8,466	7,556	910
New Cases	4,099	2,648	1,451
New Cases 18 and Under	1,093	615	478
Total New Deaths	44	36	8

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

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
41,933	6.3%	0-9	0.0%	1
88,700	13.2%	10-19	0.0%	3
116,977	17.5%	20-29	0.2%	20
104,252	15.6%	30-39	0.9%	76
97,807	14.6%	40-49	2.8%	236
90,364	13.5%	50-59	7.5%	638
67,421	10.1%	60-69	18.3%	1,548
39,374	5.9%	70-79	27.3%	2,313
23,020	3.4%	80+	42.9%	3,631
236	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,672	0.3%	American Indian	0.1%	8
5,062	0.9%	Asian	0.5%	42
43,988	7.9%	Black	7.6%	617
377	0.1%	Pacific Islander	0.0%	4
479,240	85.7%	White	89.3%	7,234
29,042	5.2%	Multiracial	2.5%	199

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
25,361	4.8%	Hispanic	1.6%	124
508,340	95.2%	Non-Hispanic	98.4%	7,724

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 83.5% of cases and 95.7% of deaths  
Ethnicity known for 79.6% of cases and 92.7% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
15,540	137,192	11.33%

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
8,834,326	6,752,791	383,184	1,501,501	810,085	572,459	47,653	189,973

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	28,339	4.23%
Ever ICU	5,595	0.83%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,223
ICU	625
On Ventilator	424

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,387	3,839	71.0%
ICU Beds	1,366	143	90.5%
Ventilators	876	1,066	45.1%

## 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	101	32	20	12.7%	42.1%	22.5%	57.59%	84.21%	34.83%
Region 2	161	45	29	20.7%	59.2%	33.7%	74.04%	96.05%	40.70%
Region 3	578	163	99	15.4%	39.2%	21.6%	72.66%	94.47%	48.47%
Region 4	166	38	29	19.1%	37.6%	21.3%	65.51%	97.03%	42.65%
Region 5	421	125	91	15.1%	34.6%	16.5%	79.89%	89.75%	48.18%
Region 6	142	23	15	11.9%	29.5%	13.2%	83.85%	98.72%	46.49%
Region 7	133	35	24	20.3%	38.0%	14.1%	70.84%	67.39%	19.41%
Region 8	257	69	52	21.3%	47.9%	33.8%	56.85%	79.86%	54.55%
Region 9	201	67	49	30.1%	58.3%	45.0%	63.87%	96.52%	55.96%
Region 10	63	28	16	12.0%	56.0%	21.1%	48.66%	98.00%	44.74%

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	108,251	16.2%
Fayette	48,053	7.2%
Warren	23,921	3.6%
Kenton	21,310	3.2%
Boone	18,281	2.7%
Hardin	16,330	2.4%
Daviess	15,481	2.3%
Madison	14,285	2.1%
Laurel	12,347	1.8%
Campbell	11,339	1.7%
Bullitt	11,012	1.6%
Pike	9,624	1.4%
Oldham	9,526	1.4%
McCracken	9,389	1.4%
Pulaski	9,369	1.4%
Christian	9,362	1.4%
Whitley	7,556	1.1%
Boyd	7,549	1.1%
Nelson	7,512	1.1%
Henderson	7,409	1.1%
Barren	7,368	1.1%
Jessamine	7,347	1.1%
Scott	7,244	1.1%
Hopkins	7,229	1.1%
Graves	6,840	1.0%
Knox	6,502	1.0%
Shelby	6,493	1.0%
Floyd	6,378	1.0%
Franklin	6,305	0.9%
Greenup	5,723	0.9%

County	Cases	Percent
Perry	5,379	0.8%
Bell	5,338	0.8%
Muhlenberg	4,978	0.7%
Boyle	4,974	0.7%
Clay	4,887	0.7%
Calloway	4,850	0.7%
Taylor	4,756	0.7%
Logan	4,703	0.7%
Marshall	4,697	0.7%
Harlan	4,682	0.7%
Clark	4,644	0.7%
Carter	4,138	0.6%
Montgomery	4,105	0.6%
Grayson	4,056	0.6%
Mercer	3,968	0.6%
Ohio	3,919	0.6%
Lincoln	3,759	0.6%
Marion	3,590	0.5%
Grant	3,580	0.5%
Allen	3,442	0.5%
Johnson	3,428	0.5%
Letcher	3,373	0.5%
Hart	3,244	0.5%
Woodford	3,094	0.5%
Rowan	3,088	0.5%
Meade	3,079	0.5%
Russell	3,078	0.5%
McCreary	2,955	0.4%
Simpson	2,951	0.4%
Bourbon	2,857	0.4%

County	Cases	Percent
Harrison	2,842	0.4%
Rockcastle	2,838	0.4%
Anderson	2,789	0.4%
Adair	2,770	0.4%
Morgan	2,736	0.4%
Wayne	2,711	0.4%
Spencer	2,594	0.4%
Breckinridge	2,469	0.4%
Garrard	2,427	0.4%
Casey	2,414	0.4%
Mason	2,356	0.4%
Jackson	2,340	0.3%
Union	2,340	0.3%
Henry	2,287	0.3%
Webster	2,267	0.3%
Larue	2,248	0.3%
Lawrence	2,247	0.3%
Powell	2,220	0.3%
Washington	2,181	0.3%
Butler	2,164	0.3%
Lewis	2,163	0.3%
Knott	2,114	0.3%
Monroe	2,083	0.3%
Caldwell	2,018	0.3%
Magoffin	1,958	0.3%
Estill	1,949	0.3%
Green	1,944	0.3%
Leslie	1,932	0.3%
Fleming	1,928	0.3%
Lyon	1,820	0.3%

County	Cases	Percent
Breathitt	1,808	0.3%
Clinton	1,790	0.3%
Trigg	1,748	0.3%
Metcalfe	1,736	0.3%
Pendleton	1,696	0.3%
Carroll	1,688	0.3%
Martin	1,681	0.3%
Lee	1,654	0.2%
Todd	1,565	0.2%
Bath	1,435	0.2%
Edmonson	1,428	0.2%
McLean	1,309	0.2%
Hancock	1,283	0.2%
Elliott	1,252	0.2%
Owen	1,231	0.2%
Livingston	1,221	0.2%
Gallatin	1,116	0.2%
Trimble	1,079	0.2%
Wolfe	1,072	0.2%
Crittenden	992	0.1%
Cumberland	976	0.1%
Bracken	973	0.1%
Nicholas	953	0.1%
Owsley	851	0.1%
Menifee	775	0.1%
Fulton	674	0.1%
Ballard	606	0.1%
Carlisle	590	0.1%
Hickman	516	0.1%
Robertson	301	0.0%

Total Cases  
670,084

## New Cases by County

County	Cases	Percent
Jefferson	431	10.5%
Fayette	257	6.3%
Warren	162	4.0%
Madison	145	3.5%
Hardin	114	2.8%
Barren	110	2.7%
Boone	109	2.7%
Kenton	109	2.7%
Whitley	83	2.0%
Pulaski	71	1.7%
Campbell	69	1.7%
Letcher	68	1.7%
Jessamine	66	1.6%
Bullitt	64	1.6%
Daviess	62	1.5%
Shelby	62	1.5%
Greenup	52	1.3%
Knox	49	1.2%
Laurel	48	1.2%
Nelson	48	1.2%
Scott	48	1.2%
Pike	47	1.1%
Floyd	45	1.1%
Grayson	42	1.0%
McCracken	42	1.0%
Rockcastle	42	1.0%
Lincoln	41	1.0%
McCreary	41	1.0%
Anderson	38	0.9%
Rowan	38	0.9%

County	Cases	Percent
Grant	36	0.9%
Ohio	36	0.9%
Perry	36	0.9%
Christian	34	0.8%
Harlan	33	0.8%
Magoffin	33	0.8%
Carter	32	0.8%
Franklin	31	0.8%
Russell	31	0.8%
Boyle	29	0.7%
Marshall	29	0.7%
Mason	28	0.7%
Bourbon	27	0.7%
Clark	26	0.6%
Hopkins	26	0.6%
Knott	26	0.6%
Graves	25	0.6%
Logan	25	0.6%
Oldham	25	0.6%
Bell	24	0.6%
Boyd	24	0.6%
Garrard	24	0.6%
Mercer	24	0.6%
Muhlenberg	24	0.6%
Fleming	23	0.6%
Harrison	23	0.6%
Meade	23	0.6%
Simpson	22	0.5%
Casey	20	0.5%
Jackson	20	0.5%

County	Cases	Percent
Johnson	20	0.5%
Allen	19	0.5%
Butler	19	0.5%
Caldwell	19	0.5%
Estill	19	0.5%
Henry	19	0.5%
Lawrence	19	0.5%
Marion	19	0.5%
Calloway	18	0.4%
Edmonson	18	0.4%
Metcalfe	18	0.4%
Monroe	18	0.4%
Taylor	18	0.4%
Clay	17	0.4%
Leslie	17	0.4%
Nicholas	17	0.4%
Webster	17	0.4%
Lewis	16	0.4%
Morgan	16	0.4%
Wayne	16	0.4%
Breckinridge	15	0.4%
Hart	15	0.4%
Pendleton	15	0.4%
Woodford	15	0.4%
Henderson	14	0.3%
Montgomery	14	0.3%
Owen	14	0.3%
Carroll	13	0.3%
Martin	13	0.3%
Bath	12	0.3%

County	Cases	Percent
Breathitt	12	0.3%
Todd	12	0.3%
Spencer	11	0.3%
Owsley	10	0.2%
Washington	10	0.2%
Adair	9	0.2%
Crittenden	9	0.2%
Green	9	0.2%
Powell	9	0.2%
Gallatin	7	0.2%
Union	7	0.2%
Wolfe	7	0.2%
Larue	6	0.1%
Lee	6	0.1%
Livingston	6	0.1%
Menifee	6	0.1%
Bracken	5	0.1%
Lyon	5	0.1%
Trimble	5	0.1%
Cumberland	4	0.1%
Hancock	4	0.1%
Hickman	4	0.1%
Trigg	4	0.1%
Elliott	3	0.1%
Clinton	2	0.0%
Fulton	2	0.0%
Ballard	1	0.0%
Carlisle	1	0.0%
McLean	1	0.0%
Robertson	1	0.0%

Total New Cases  
4,099

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,469	17.4%
Fayette	357	4.2%
Daviess	237	2.8%
Kenton	236	2.8%
Warren	218	2.6%
Hardin	214	2.5%
Hopkins	180	2.1%
Boone	174	2.1%
McCracken	155	1.8%
Pike	147	1.7%
Pulaski	146	1.7%
Madison	127	1.5%
Christian	118	1.4%
Barren	117	1.4%
Graves	116	1.4%
Bullitt	104	1.2%
Laurel	104	1.2%
Harlan	102	1.2%
Shelby	95	1.1%
Boyd	90	1.1%
Henderson	90	1.1%
Oldham	89	1.1%
Campbell	88	1.0%
Floyd	87	1.0%
Jessamine	85	1.0%
Muhlenberg	82	1.0%
Boyle	80	0.9%
Bell	78	0.9%
Logan	77	0.9%
Perry	76	0.9%

County	Deaths	Percent
Marshall	75	0.9%
Grayson	74	0.9%
Lincoln	72	0.9%
Nelson	72	0.9%
Ohio	71	0.8%
Whitley	71	0.8%
Taylor	70	0.8%
Franklin	68	0.8%
Greenup	68	0.8%
Adair	62	0.7%
Allen	61	0.7%
Mercer	61	0.7%
Hart	58	0.7%
Calloway	57	0.7%
Letcher	54	0.6%
Wayne	54	0.6%
Clay	53	0.6%
Monroe	52	0.6%
Russell	52	0.6%
Lewis	51	0.6%
Carter	50	0.6%
Knox	49	0.6%
Mason	49	0.6%
Simpson	47	0.6%
Casey	46	0.5%
Jackson	46	0.5%
Caldwell	44	0.5%
Johnson	43	0.5%
McCreary	42	0.5%
Washington	42	0.5%

County	Deaths	Percent
Garrard	40	0.5%
Marion	40	0.5%
Scott	40	0.5%
Montgomery	38	0.4%
Livingston	37	0.4%
Gallatin	36	0.4%
Larue	36	0.4%
Metcalfe	36	0.4%
Lawrence	35	0.4%
Anderson	34	0.4%
McLean	34	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Webster	31	0.4%
Crittenden	30	0.4%
Meade	30	0.4%
Butler	29	0.3%
Harrison	29	0.3%
Knott	29	0.3%
Lee	29	0.3%
Martin	29	0.3%
Todd	29	0.3%
Spencer	28	0.3%
Edmonson	26	0.3%
Fleming	26	0.3%
Grant	26	0.3%
Lyon	25	0.3%
Rockcastle	25	0.3%
Rowan	25	0.3%
Union	25	0.3%

County	Deaths	Percent
Woodford	25	0.3%
Bath	24	0.3%
Breckinridge	24	0.3%
Bourbon	23	0.3%
Henry	23	0.3%
Carroll	21	0.2%
Green	21	0.2%
Trigg	20	0.2%
Menifee	19	0.2%
Magoffin	18	0.2%
Breathitt	17	0.2%
Hickman	17	0.2%
Powell	17	0.2%
Ballard	16	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Owen	16	0.2%
Owsley	16	0.2%
Cumberland	15	0.2%
Robertson	15	0.2%
Nicholas	14	0.2%
Estill	12	0.1%
Leslie	12	0.1%
Pendleton	12	0.1%
Carlisle	11	0.1%
Trimble	9	0.1%
Bracken	8	0.1%
Wolfe	8	0.1%
Morgan	6	0.1%
Elliott	2	0.0%

Total Deaths  
8,466

## Incidence Rates by County

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

County	Rate
Magoffin	183.3
Whitley	174.9
Harlan	174.1
Leslie	167.8
Rockcastle	164.3
Barren	160.1
Monroe	154.3
Metcalfe	153.2
Owsley	145.6
McCreary	134.3
Perry	133.7
Powell	131.8
Grayson	130.8
Jackson	130.8
Letcher	128.6
Russell	126.7
Knox	123.8
Wolfe	121.8
Hart	121.6
Harrison	121.0
Floyd	119.2
Simpson	116.2
Greenup	115.2
Knott	111.9
Bourbon	108.3
Ohio	106.6
Madison	106.5
Butler	105.4
Warren	104.8
Logan	104.4

County	Rate
Carroll	103.5
Estill	102.3
Edmonson	101.1
Jessamine	101.1
Bell	97.1
Marion	97.1
Clay	95.5
Nicholas	92.4
Taylor	91.5
Garrard	91.4
Boyd	89.9
Laurel	89.7
Webster	89.4
Breathitt	89.4
Hardin	86.4
Pendleton	86.2
Henry	85.9
Johnson	85.0
Allen	83.8
Lawrence	83.0
Fleming	82.3
Martin	81.7
Spencer	80.5
Rowan	80.0
Lincoln	79.7
Mercer	77.5
Larue	77.4
Muhlenberg	77.0
Graves	76.7
Nelson	76.0

County	Rate
Bullitt	75.6
Green	74.4
Lewis	73.2
Carter	73.0
Caldwell	71.7
Lee	71.4
Christian	71.2
Gallatin	70.9
Pike	69.9
Boyle	68.9
Union	68.5
Clark	65.8
Washington	63.8
Bracken	63.7
Casey	63.7
Woodford	63.1
Scott	61.4
Pulaski	61.1
Cumberland	60.5
Breckinridge	59.3
Fayette	59.1
Owen	59.0
Shelby	58.9
Mason	58.6
McLean	57.4
Todd	56.9
Grant	56.4
Franklin	56.0
Hopkins	54.3
Daviess	51.6

County	Rate
Morgan	50.4
Montgomery	49.2
Boone	48.7
Meade	48.5
Jefferson	48.1
Marshall	47.3
Kenton	46.6
Bath	45.7
Campbell	44.7
Adair	44.6
Trimble	43.8
Henderson	42.0
Trigg	41.9
Wayne	41.5
Robertson	40.7
Elliott	39.9
Calloway	37.7
Hancock	37.7
Menifee	37.4
Lyon	36.5
Hickman	35.9
Anderson	33.3
McCracken	33.0
Crittenden	30.8
Oldham	30.6
Ballard	25.4
Livingston	21.8
Fulton	19.1
Carlisle	15.0
Clinton	8.4

**Current Overall Incidence Rate**  
71.45 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.