

# KY COVID-19 Report

## 30OCT21

### Daily Summary

Measure	Total	Confirmed	Probable
Cases	744,094	531,440	212,654
Deaths	9,776	8,648	1,128
New Cases	941	498	443
New Cases 18 and Under	267	123	144
Total New Deaths	10	7	3

Duplicates and records not meeting case criteria removed since last report: 3

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
50,356	6.8%	0-9	0.0%	2
101,271	13.6%	10-19	0.0%	4
127,824	17.2%	20-29	0.3%	30
115,358	15.5%	30-39	1.1%	109
107,796	14.5%	40-49	3.5%	344
99,052	13.3%	50-59	8.8%	859
74,145	10.0%	60-69	19.3%	1,882
43,281	5.8%	70-79	27.2%	2,655
24,772	3.3%	80+	39.8%	3,891
239	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,953	0.3%	American Indian	0.1%	11
5,476	0.9%	Asian	0.5%	43
48,692	7.8%	Black	7.3%	681
381	0.1%	Pacific Islander	0.1%	6
535,794	85.8%	White	89.4%	8,358
32,121	5.1%	Multiracial	2.6%	245

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,550	4.6%	Hispanic	1.5%	139
567,882	95.4%	Non-Hispanic	98.5%	8,946

Percentages are expressed as percentage of cases or deaths with race or ethnicity known

Race known for 83.9% of cases and 95.6% of deaths

Ethnicity known for 80.0% of cases and 92.9% of deaths

Race, for new cases, is not updated on this Saturday report. Sunday's report will provide data that is completely updated for this variable for all cases, including those reported on Saturday.

### Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
4,290	85,835	5.00%

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
9,872,061	7,347,987	396,302	1,891,036	905,013	623,315	52,198	229,500

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	31,420	4.22%
Ever ICU	6,149	0.83%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	843
ICU	263
On Ventilator	147

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,904	4,112	68.4%
ICU Beds	1,210	183	86.9%
Ventilators	647	1,276	33.6%

## 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	29	16	3	3.8%	21.1%	3.1%	52.09%	88.16%	11.46%
Region 2	60	18	10	7.7%	24.3%	11.6%	67.01%	86.49%	32.56%
Region 3	280	93	47	7.6%	25.4%	10.3%	71.48%	90.16%	39.12%
Region 4	29	9	6	3.5%	11.5%	4.6%	58.27%	98.72%	16.03%
Region 5	155	41	26	5.6%	11.2%	4.6%	75.14%	91.51%	42.88%
Region 6	70	17	10	5.8%	19.3%	8.3%	83.94%	95.45%	38.33%
Region 7	52	18	12	8.0%	21.2%	8.6%	68.67%	51.76%	15.71%
Region 8	91	22	15	7.6%	16.5%	9.9%	57.96%	79.70%	30.92%
Region 9	54	20	15	8.5%	23.3%	15.3%	57.99%	75.58%	26.53%
Region 10	23	9	3	4.9%	21.4%	3.9%	51.17%	92.86%	31.58%

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	120,394	16.2%
Fayette	51,872	7.0%
Warren	25,726	3.5%
Kenton	23,801	3.2%
Boone	20,432	2.7%
Hardin	18,092	2.4%
Daviess	17,044	2.3%
Madison	15,862	2.1%
Laurel	12,797	1.7%
Campbell	12,476	1.7%
Bullitt	12,069	1.6%
Pike	10,737	1.4%
Pulaski	10,439	1.4%
Christian	10,250	1.4%
Oldham	10,167	1.4%
McCracken	10,159	1.4%
Whitley	8,958	1.2%
Scott	8,527	1.1%
Boyd	8,431	1.1%
Nelson	8,343	1.1%
Hopkins	8,244	1.1%
Jessamine	8,134	1.1%
Henderson	7,982	1.1%
Barren	7,975	1.1%
Graves	7,202	1.0%
Knox	7,198	1.0%
Floyd	7,141	1.0%
Shelby	7,080	1.0%
Franklin	7,047	0.9%
Greenup	6,403	0.9%

County	Cases	Percent
Perry	6,155	0.8%
Bell	5,820	0.8%
Muhlenberg	5,684	0.8%
Taylor	5,449	0.7%
Harlan	5,413	0.7%
Boyle	5,372	0.7%
Clark	5,283	0.7%
Calloway	5,170	0.7%
Clay	5,115	0.7%
Logan	5,092	0.7%
Marshall	5,034	0.7%
Grayson	4,787	0.6%
Carter	4,573	0.6%
Mercer	4,510	0.6%
Montgomery	4,479	0.6%
Ohio	4,384	0.6%
Lincoln	4,376	0.6%
Grant	4,147	0.6%
Marion	3,923	0.5%
Letcher	3,911	0.5%
Allen	3,818	0.5%
Russell	3,753	0.5%
Johnson	3,722	0.5%
Rowan	3,696	0.5%
Hart	3,545	0.5%
Anderson	3,523	0.5%
Woodford	3,487	0.5%
Meade	3,464	0.5%
McCreary	3,375	0.5%
Adair	3,371	0.5%

County	Cases	Percent
Harrison	3,322	0.4%
Simpson	3,207	0.4%
Bourbon	3,176	0.4%
Rockcastle	3,176	0.4%
Wayne	2,969	0.4%
Morgan	2,883	0.4%
Spencer	2,873	0.4%
Garrard	2,798	0.4%
Breckinridge	2,746	0.4%
Jackson	2,664	0.4%
Lawrence	2,663	0.4%
Casey	2,642	0.4%
Henry	2,618	0.4%
Lewis	2,581	0.3%
Mason	2,579	0.3%
Powell	2,553	0.3%
Union	2,496	0.3%
Webster	2,470	0.3%
Knott	2,414	0.3%
Caldwell	2,397	0.3%
Green	2,370	0.3%
Larue	2,368	0.3%
Butler	2,347	0.3%
Washington	2,333	0.3%
Monroe	2,282	0.3%
Estill	2,238	0.3%
Magoffin	2,195	0.3%
Leslie	2,184	0.3%
Fleming	2,143	0.3%
Trigg	2,131	0.3%

County	Cases	Percent
Clinton	2,101	0.3%
Pendleton	2,045	0.3%
Breathitt	2,021	0.3%
Lyon	1,963	0.3%
Martin	1,920	0.3%
Metcalfe	1,920	0.3%
Carroll	1,903	0.3%
Todd	1,770	0.2%
Lee	1,757	0.2%
Bath	1,596	0.2%
Edmonson	1,550	0.2%
McLean	1,491	0.2%
Livingston	1,415	0.2%
Hancock	1,401	0.2%
Owen	1,384	0.2%
Elliott	1,341	0.2%
Gallatin	1,258	0.2%
Trimble	1,244	0.2%
Crittenden	1,227	0.2%
Wolfe	1,194	0.2%
Nicholas	1,193	0.2%
Cumberland	1,177	0.2%
Bracken	1,124	0.2%
Owsley	1,012	0.1%
Menifee	839	0.1%
Fulton	771	0.1%
Ballard	697	0.1%
Carlisle	638	0.1%
Hickman	566	0.1%
Robertson	336	0.0%

Total Cases  
744,094

## New Cases by County

County	Cases	Percent
Jefferson	140	14.9%
Fayette	49	5.2%
Pulaski	39	4.1%
Hardin	37	3.9%
Warren	34	3.6%
Daviess	31	3.3%
Boone	29	3.1%
Kenton	28	3.0%
Madison	28	3.0%
Trigg	25	2.7%
Rowan	20	2.1%
Bullitt	15	1.6%
Campbell	15	1.6%
Franklin	15	1.6%
Barren	13	1.4%
Clark	13	1.4%
Grayson	13	1.4%
Hopkins	12	1.3%
Caldwell	10	1.1%
Trimble	10	1.1%
Calloway	9	1.0%
Fleming	9	1.0%
Harlan	9	1.0%
Laurel	9	1.0%
Montgomery	9	1.0%
Scott	9	1.0%
Taylor	9	1.0%
Floyd	8	0.9%
Lewis	8	0.9%
Nelson	8	0.9%

County	Cases	Percent
Ohio	8	0.9%
Pike	8	0.9%
Jackson	7	0.7%
Jessamine	7	0.7%
Lee	7	0.7%
Russell	7	0.7%
Boyd	6	0.6%
Breckinridge	6	0.6%
Henry	6	0.6%
Letcher	6	0.6%
McCracken	6	0.6%
Martin	6	0.6%
Muhlenberg	6	0.6%
Oldham	6	0.6%
Powell	6	0.6%
Whitley	6	0.6%
Adair	5	0.5%
Anderson	5	0.5%
Grant	5	0.5%
Larue	5	0.5%
Shelby	5	0.5%
Spencer	5	0.5%
Woodford	5	0.5%
Bourbon	4	0.4%
Boyle	4	0.4%
Butler	4	0.4%
Estill	4	0.4%
Hart	4	0.4%
Knox	4	0.4%
McCreary	4	0.4%

County	Cases	Percent
McLean	4	0.4%
Marion	4	0.4%
Mason	4	0.4%
Meade	4	0.4%
Pendleton	4	0.4%
Perry	4	0.4%
Todd	4	0.4%
Wayne	4	0.4%
Casey	3	0.3%
Hancock	3	0.3%
Harrison	3	0.3%
Knott	3	0.3%
Lawrence	3	0.3%
Marshall	3	0.3%
Mercer	3	0.3%
Metcalfe	3	0.3%
Rockcastle	3	0.3%
Simpson	3	0.3%
Wolfe	3	0.3%
Allen	2	0.2%
Carroll	2	0.2%
Carter	2	0.2%
Clinton	2	0.2%
Crittenden	2	0.2%
Edmonson	2	0.2%
Elliott	2	0.2%
Graves	2	0.2%
Green	2	0.2%
Henderson	2	0.2%
Livingston	2	0.2%

County	Cases	Percent
Logan	2	0.2%
Lyon	2	0.2%
Owen	2	0.2%
Union	2	0.2%
Webster	2	0.2%
Ballard	1	0.1%
Bath	1	0.1%
Breathitt	1	0.1%
Christian	1	0.1%
Clay	1	0.1%
Gallatin	1	0.1%
Greenup	1	0.1%
Johnson	1	0.1%
Lincoln	1	0.1%
Magoffin	1	0.1%
Menifee	1	0.1%
Nicholas	1	0.1%
Owsley	1	0.1%
Washington	1	0.1%
Bell	0	0.0%
Bracken	0	0.0%
Carlisle	0	0.0%
Cumberland	0	0.0%
Fulton	0	0.0%
Garrard	0	0.0%
Hickman	0	0.0%
Leslie	0	0.0%
Monroe	0	0.0%
Morgan	0	0.0%
Robertson	0	0.0%

Total New Cases  
941

Total Deaths by County

County	Deaths	Percent
Jefferson	1,569	16.0%
Fayette	405	4.1%
Hardin	283	2.9%
Daviess	264	2.7%
Kenton	263	2.7%
Warren	254	2.6%
Hopkins	202	2.1%
Boone	195	2.0%
Pike	181	1.9%
McCracken	177	1.8%
Pulaski	174	1.8%
Madison	161	1.6%
Barren	147	1.5%
Harlan	129	1.3%
Christian	128	1.3%
Bullitt	127	1.3%
Graves	125	1.3%
Laurel	125	1.3%
Floyd	111	1.1%
Shelby	105	1.1%
Boyd	104	1.1%
Campbell	100	1.0%
Henderson	99	1.0%
Jessamine	95	1.0%
Bell	94	1.0%
Oldham	93	1.0%
Muhlenberg	92	0.9%
Grayson	90	0.9%
Lincoln	89	0.9%
Nelson	88	0.9%

County	Deaths	Percent
Perry	88	0.9%
Whitley	88	0.9%
Greenup	81	0.8%
Logan	81	0.8%
Ohio	81	0.8%
Boyle	80	0.8%
Taylor	80	0.8%
Franklin	79	0.8%
Marshall	78	0.8%
Mercer	75	0.8%
Adair	73	0.7%
Allen	69	0.7%
Mason	68	0.7%
Letcher	66	0.7%
Hart	63	0.6%
Calloway	60	0.6%
Carter	60	0.6%
Clay	59	0.6%
Monroe	59	0.6%
Lewis	57	0.6%
Wayne	57	0.6%
Russell	56	0.6%
Simpson	56	0.6%
Montgomery	55	0.6%
McCreary	54	0.6%
Casey	53	0.5%
Knox	53	0.5%
Scott	51	0.5%
Jackson	50	0.5%
Caldwell	48	0.5%

County	Deaths	Percent
Garrard	48	0.5%
Larue	48	0.5%
Johnson	47	0.5%
Marion	47	0.5%
Washington	46	0.5%
Anderson	44	0.5%
Livingston	43	0.4%
Metcalfe	43	0.4%
Clark	40	0.4%
Gallatin	40	0.4%
McLean	40	0.4%
Harrison	39	0.4%
Lawrence	39	0.4%
Meade	37	0.4%
Butler	36	0.4%
Knott	36	0.4%
Webster	36	0.4%
Bourbon	35	0.4%
Crittenden	35	0.4%
Grant	35	0.4%
Martin	35	0.4%
Breckinridge	34	0.3%
Fleming	34	0.3%
Spencer	34	0.3%
Clinton	33	0.3%
Union	32	0.3%
Lee	31	0.3%
Rockcastle	31	0.3%
Todd	31	0.3%
Bath	30	0.3%

County	Deaths	Percent
Green	30	0.3%
Breathitt	29	0.3%
Edmonson	29	0.3%
Henry	29	0.3%
Woodford	29	0.3%
Rowan	28	0.3%
Carroll	27	0.3%
Lyon	26	0.3%
Owen	25	0.3%
Menifee	23	0.2%
Powell	22	0.2%
Trigg	22	0.2%
Ballard	20	0.2%
Magoffin	20	0.2%
Hickman	19	0.2%
Pendleton	19	0.2%
Leslie	18	0.2%
Cumberland	17	0.2%
Hancock	17	0.2%
Nicholas	17	0.2%
Trimble	17	0.2%
Fulton	16	0.2%
Robertson	16	0.2%
Owsley	15	0.2%
Estill	12	0.1%
Carlisle	11	0.1%
Wolfe	11	0.1%
Bracken	10	0.1%
Morgan	9	0.1%
Elliott	7	0.1%

Total Deaths  
9,776

## Incidence Rates by County

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

County	Rate
Russell	122.7
Green	116.2
Clinton	96.5
Adair	96.0
Jackson	56.8
Powell	56.6
Lee	48.2
Cumberland	47.5
Lewis	47.4
Rowan	46.7
Lawrence	42.9
Trimble	42.2
Letcher	39.8
Carroll	37.6
Taylor	37.1
Anderson	36.4
Greenup	36.2
McLean	34.1
Gallatin	33.8
Henry	33.7
Grayson	33.5
Trigg	33.2
Whitley	33.1
Metcalf	32.6
Floyd	31.3
Ohio	31.0
Caldwell	30.3
Grant	30.2
Clark	29.9
Muhlenberg	29.9

County	Rate
Martin	29.3
Owsley	29.1
Mercer	28.7
Pike	28.6
Monroe	28.2
Boyd	27.8
Hardin	27.3
Elliott	26.6
Nelson	26.6
Breckinridge	26.5
Daviess	26.5
Harlan	26.4
Franklin	26.1
Harrison	25.7
Butler	25.5
Estill	25.3
Carter	25.1
Boone	24.9
Simpson	24.6
Jessamine	24.0
Carlisle	24.0
Logan	23.2
Leslie	23.1
Marion	23.0
Spencer	22.9
Jefferson	22.7
Hopkins	22.4
Boyle	22.3
Owen	22.3
Barren	22.0

County	Rate
Madison	21.2
Kenton	20.9
Johnson	20.6
Pendleton	20.6
Warren	20.4
Shelby	20.1
Wolfe	20.0
Bullitt	19.9
Hart	19.5
Bourbon	19.5
Perry	19.4
Lyon	19.1
Magoffin	18.8
Campbell	18.8
Fayette	18.4
Henderson	18.3
Bell	18.1
Lincoln	18.0
Hancock	18.0
Crittenden	17.8
Allen	17.4
Graves	17.3
Garrard	17.0
Breathitt	17.0
Larue	16.9
Scott	16.8
Fulton	16.8
Knox	16.5
Ballard	16.3
Pulaski	16.0

County	Rate
Mason	15.9
McCreary	15.8
Rockcastle	15.4
Casey	15.0
Oldham	14.8
Wayne	14.8
Knott	14.5
Woodford	14.4
Edmonson	14.1
Laurel	14.1
Fleming	13.7
Robertson	13.6
Washington	13.0
McCracken	12.4
Christian	12.2
Webster	12.1
Meade	12.0
Bath	11.4
Marshall	10.6
Bracken	10.3
Nicholas	9.8
Menifee	8.8
Clay	8.6
Calloway	7.3
Todd	7.0
Hickman	6.5
Union	6.0
Montgomery	5.6
Morgan	5.4
Livingston	3.1

Current Overall Incidence Rate  
23.15 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.