

# KY COVID-19 Report 20OCT21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	730,739	524,139	206,600
Deaths	9,477	8,402	1,075
New Cases	1,899	1,033	866
New Cases 18 and Under	499	248	251
Total New Deaths	52	48	4

Duplicates and records not meeting case criteria removed since last report: 20

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
48,761	6.7%	0-9	0.0%	1
99,016	13.6%	10-19	0.0%	4
125,911	17.2%	20-29	0.3%	27
113,396	15.5%	30-39	1.1%	101
106,076	14.5%	40-49	3.4%	322
97,479	13.3%	50-59	8.5%	806
72,863	10.0%	60-69	19.1%	1,809
42,548	5.8%	70-79	27.2%	2,576
24,451	3.3%	80+	40.4%	3,831
238	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,901	0.3%	American Indian	0.1%	11
5,411	0.9%	Asian	0.5%	43
47,968	7.8%	Black	7.3%	663
379	0.1%	Pacific Islander	0.1%	5
525,959	85.8%	White	89.4%	8,095
31,592	5.2%	Multiracial	2.6%	238

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,175	4.7%	Hispanic	1.5%	134
556,418	95.3%	Non-Hispanic	98.5%	8,674

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 83.9% of cases and 95.5% of deaths  
Ethnicity known for 79.9% of cases and 92.9% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
5,557	81,363	6.83%

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
9,618,990	7,206,120	394,054	1,790,264	887,445	614,750	51,360	221,335

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	30,858	4.22%
Ever ICU	6,030	0.83%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,115
ICU	321
On Ventilator	207

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,062	4,052	69.1%
ICU Beds	1,270	164	88.6%
Ventilators	686	1,243	35.6%

## 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	39	14	9	5.1%	18.7%	9.9%	56.47%	77.33%	18.68%
Region 2	77	26	20	9.9%	35.1%	23.3%	67.91%	89.19%	37.21%
Region 3	328	90	52	8.8%	22.9%	11.5%	71.00%	89.31%	38.41%
Region 4	58	20	15	7.0%	23.3%	10.3%	58.67%	95.35%	23.97%
Region 5	236	65	43	8.6%	17.5%	7.6%	77.83%	89.49%	44.05%
Region 6	92	20	17	7.7%	26.7%	14.2%	81.89%	100.00%	47.50%
Region 7	69	22	9	10.7%	26.2%	6.4%	72.18%	77.38%	17.14%
Region 8	122	29	24	9.3%	22.5%	15.7%	58.71%	83.72%	31.37%
Region 9	66	25	16	10.2%	25.8%	15.8%	60.55%	89.69%	31.68%
Region 10	28	10	2	5.8%	20.0%	2.6%	48.85%	92.00%	25.00%

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	118,438	16.2%
Fayette	51,224	7.0%
Warren	25,440	3.5%
Kenton	23,423	3.2%
Boone	20,001	2.7%
Hardin	17,790	2.4%
Daviess	16,753	2.3%
Madison	15,649	2.1%
Laurel	12,670	1.7%
Campbell	12,268	1.7%
Bullitt	11,887	1.6%
Pike	10,531	1.4%
Pulaski	10,164	1.4%
Christian	10,139	1.4%
Oldham	10,009	1.4%
McCracken	9,992	1.4%
Whitley	8,802	1.2%
Boyd	8,297	1.1%
Scott	8,260	1.1%
Nelson	8,216	1.1%
Hopkins	7,993	1.1%
Jessamine	7,990	1.1%
Henderson	7,896	1.1%
Barren	7,863	1.1%
Graves	7,157	1.0%
Knox	7,133	1.0%
Floyd	6,997	1.0%
Shelby	6,934	0.9%
Franklin	6,882	0.9%
Greenup	6,270	0.9%

County	Cases	Percent
Perry	6,020	0.8%
Bell	5,765	0.8%
Muhlenberg	5,568	0.8%
Harlan	5,311	0.7%
Boyle	5,306	0.7%
Taylor	5,280	0.7%
Clark	5,144	0.7%
Calloway	5,127	0.7%
Clay	5,094	0.7%
Logan	5,027	0.7%
Marshall	4,989	0.7%
Grayson	4,653	0.6%
Carter	4,507	0.6%
Mercer	4,428	0.6%
Montgomery	4,418	0.6%
Ohio	4,317	0.6%
Lincoln	4,282	0.6%
Grant	4,032	0.6%
Marion	3,846	0.5%
Letcher	3,801	0.5%
Allen	3,768	0.5%
Johnson	3,666	0.5%
Rowan	3,504	0.5%
Russell	3,504	0.5%
Hart	3,475	0.5%
Meade	3,426	0.5%
Woodford	3,425	0.5%
Anderson	3,387	0.5%
McCreary	3,320	0.5%
Harrison	3,264	0.4%

County	Cases	Percent
Simpson	3,170	0.4%
Adair	3,159	0.4%
Rockcastle	3,141	0.4%
Bourbon	3,133	0.4%
Wayne	2,903	0.4%
Morgan	2,842	0.4%
Spencer	2,817	0.4%
Garrard	2,767	0.4%
Breckinridge	2,660	0.4%
Casey	2,596	0.4%
Lawrence	2,592	0.4%
Jackson	2,581	0.4%
Henry	2,543	0.3%
Mason	2,518	0.3%
Lewis	2,501	0.3%
Powell	2,483	0.3%
Union	2,472	0.3%
Webster	2,449	0.3%
Knott	2,378	0.3%
Larue	2,367	0.3%
Caldwell	2,326	0.3%
Butler	2,313	0.3%
Washington	2,311	0.3%
Monroe	2,250	0.3%
Green	2,236	0.3%
Estill	2,201	0.3%
Magoffin	2,169	0.3%
Leslie	2,143	0.3%
Fleming	2,101	0.3%
Trigg	2,030	0.3%

County	Cases	Percent
Pendleton	2,012	0.3%
Clinton	1,993	0.3%
Breathitt	1,982	0.3%
Lyon	1,943	0.3%
Metcalfe	1,881	0.3%
Martin	1,879	0.3%
Carroll	1,854	0.3%
Lee	1,720	0.2%
Todd	1,711	0.2%
Bath	1,564	0.2%
Edmonson	1,530	0.2%
McLean	1,457	0.2%
Hancock	1,383	0.2%
Livingston	1,383	0.2%
Owen	1,359	0.2%
Elliott	1,307	0.2%
Gallatin	1,221	0.2%
Crittenden	1,194	0.2%
Trimble	1,191	0.2%
Wolfe	1,181	0.2%
Nicholas	1,167	0.2%
Cumberland	1,133	0.2%
Bracken	1,088	0.1%
Owsley	991	0.1%
Menifee	824	0.1%
Fulton	734	0.1%
Ballard	670	0.1%
Carlisle	623	0.1%
Hickman	548	0.1%
Robertson	333	0.0%

Total Cases  
730,739

## New Cases by County

County	Cases	Percent
Jefferson	281	14.8%
Fayette	79	4.2%
Kenton	74	3.9%
Boone	56	2.9%
Scott	52	2.7%
Daviess	49	2.6%
Campbell	45	2.4%
Hardin	44	2.3%
Warren	43	2.3%
Hopkins	39	2.1%
Anderson	38	2.0%
Pike	38	2.0%
Pulaski	34	1.8%
Franklin	30	1.6%
Madison	27	1.4%
Nelson	26	1.4%
Boyd	25	1.3%
Grant	25	1.3%
Harrison	24	1.3%
Floyd	23	1.2%
Oldham	23	1.2%
Bullitt	22	1.2%
McCracken	22	1.2%
Martin	21	1.1%
Christian	20	1.1%
Greenup	20	1.1%
Estill	17	0.9%
Graves	17	0.9%
Lincoln	17	0.9%
Muhlenberg	17	0.9%

County	Cases	Percent
Nicholas	17	0.9%
Cumberland	16	0.8%
McCreary	16	0.8%
Russell	16	0.8%
Whitley	16	0.8%
Bourbon	15	0.8%
Green	15	0.8%
Laurel	15	0.8%
Lewis	15	0.8%
Perry	15	0.8%
Crittenden	14	0.7%
Grayson	14	0.7%
Jackson	14	0.7%
Mercer	14	0.7%
Carroll	13	0.7%
Barren	12	0.6%
Harlan	12	0.6%
Jessamine	12	0.6%
Letcher	12	0.6%
Ohio	12	0.6%
Rowan	12	0.6%
Lawrence	11	0.6%
Owen	11	0.6%
Simpson	11	0.6%
Boyle	10	0.5%
Powell	10	0.5%
Shelby	10	0.5%
Allen	9	0.5%
Henderson	9	0.5%
Woodford	9	0.5%

County	Cases	Percent
Butler	8	0.4%
Caldwell	8	0.4%
Clark	8	0.4%
Clay	8	0.4%
Knox	8	0.4%
Union	8	0.4%
Wayne	8	0.4%
Adair	7	0.4%
Breathitt	7	0.4%
Henry	7	0.4%
Montgomery	7	0.4%
Owsley	7	0.4%
Trigg	7	0.4%
Bell	6	0.3%
Edmonson	6	0.3%
Hart	6	0.3%
Larue	6	0.3%
Lee	6	0.3%
Logan	6	0.3%
Mason	6	0.3%
Monroe	6	0.3%
Fleming	5	0.3%
Leslie	5	0.3%
Magoffin	5	0.3%
Marshall	5	0.3%
Taylor	5	0.3%
Todd	5	0.3%
Washington	5	0.3%
Bracken	4	0.2%
Breckinridge	4	0.2%

County	Cases	Percent
Calloway	4	0.2%
Carter	4	0.2%
Clinton	4	0.2%
Johnson	4	0.2%
Knott	4	0.2%
Metcalfe	4	0.2%
Pendleton	4	0.2%
Webster	4	0.2%
Carlisle	3	0.2%
Casey	3	0.2%
Livingston	3	0.2%
McLean	3	0.2%
Marion	3	0.2%
Meade	3	0.2%
Morgan	3	0.2%
Trimble	3	0.2%
Ballard	2	0.1%
Bath	2	0.1%
Gallatin	2	0.1%
Garrard	2	0.1%
Hancock	2	0.1%
Menifee	2	0.1%
Rockcastle	2	0.1%
Wolfe	2	0.1%
Lyon	1	0.1%
Robertson	1	0.1%
Spencer	1	0.1%
Elliott	0	0.0%
Fulton	0	0.0%
Hickman	0	0.0%

Total New Cases  
1,899

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,558	16.4%
Fayette	388	4.1%
Hardin	264	2.8%
Daviess	259	2.7%
Warren	246	2.6%
Kenton	243	2.6%
Hopkins	195	2.1%
Boone	181	1.9%
Pike	176	1.9%
McCracken	170	1.8%
Pulaski	169	1.8%
Madison	152	1.6%
Barren	139	1.5%
Christian	125	1.3%
Harlan	125	1.3%
Bullitt	123	1.3%
Graves	123	1.3%
Laurel	114	1.2%
Floyd	111	1.2%
Shelby	105	1.1%
Boyd	101	1.1%
Henderson	98	1.0%
Jessamine	94	1.0%
Oldham	93	1.0%
Bell	92	1.0%
Campbell	92	1.0%
Grayson	88	0.9%
Muhlenberg	88	0.9%
Perry	87	0.9%
Lincoln	86	0.9%

County	Deaths	Percent
Nelson	82	0.9%
Whitley	82	0.9%
Logan	81	0.9%
Boyle	79	0.8%
Greenup	79	0.8%
Ohio	79	0.8%
Taylor	79	0.8%
Marshall	77	0.8%
Franklin	76	0.8%
Mercer	73	0.8%
Adair	70	0.7%
Allen	66	0.7%
Mason	66	0.7%
Letcher	65	0.7%
Hart	63	0.7%
Calloway	60	0.6%
Monroe	59	0.6%
Carter	58	0.6%
Clay	56	0.6%
Lewis	55	0.6%
Montgomery	55	0.6%
Russell	55	0.6%
Wayne	55	0.6%
Simpson	53	0.6%
Knox	52	0.5%
McCreary	51	0.5%
Casey	50	0.5%
Jackson	50	0.5%
Scott	48	0.5%
Caldwell	47	0.5%

County	Deaths	Percent
Garrard	46	0.5%
Johnson	46	0.5%
Larue	45	0.5%
Washington	44	0.5%
Marion	43	0.5%
Livingston	42	0.4%
Metcalfe	42	0.4%
Anderson	40	0.4%
Gallatin	39	0.4%
McLean	39	0.4%
Clark	38	0.4%
Lawrence	38	0.4%
Harrison	36	0.4%
Knott	36	0.4%
Butler	35	0.4%
Crittenden	35	0.4%
Martin	35	0.4%
Meade	35	0.4%
Breckinridge	34	0.4%
Fleming	34	0.4%
Spencer	34	0.4%
Webster	34	0.4%
Bourbon	33	0.3%
Clinton	32	0.3%
Union	32	0.3%
Lee	31	0.3%
Bath	30	0.3%
Grant	30	0.3%
Green	30	0.3%
Rockcastle	30	0.3%

County	Deaths	Percent
Todd	30	0.3%
Edmonson	29	0.3%
Breathitt	28	0.3%
Rowan	28	0.3%
Woodford	27	0.3%
Carroll	26	0.3%
Henry	26	0.3%
Lyon	26	0.3%
Menifee	23	0.2%
Owen	22	0.2%
Trigg	22	0.2%
Powell	21	0.2%
Magoffin	20	0.2%
Ballard	19	0.2%
Hickman	19	0.2%
Leslie	18	0.2%
Hancock	17	0.2%
Nicholas	17	0.2%
Pendleton	17	0.2%
Trimble	17	0.2%
Fulton	16	0.2%
Robertson	16	0.2%
Cumberland	15	0.2%
Owsley	15	0.2%
Estill	12	0.1%
Carlisle	11	0.1%
Bracken	10	0.1%
Wolfe	10	0.1%
Morgan	9	0.1%
Elliott	7	0.1%

Total Deaths  
9,477

## Incidence Rates by County

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

County	Rate
Cumberland	92.9
Owsley	87.4
Powell	76.3
Floyd	57.4
Mercer	57.3
Jackson	55.7
Harrison	52.9
Trimble	52.3
Lawrence	50.4
Carroll	49.7
Caldwell	49.3
Owen	48.5
Martin	47.2
McLean	46.5
Grant	46.2
Muhlenberg	45.7
Perry	45.5
Pike	45.4
Greenup	45.2
Boyd	45.0
Grayson	43.2
Henry	41.6
Crittenden	40.6
Lyon	40.0
Russell	39.9
Rockcastle	39.4
Bourbon	39.0
Monroe	38.9
Magoffin	38.8
Knox	38.5

County	Rate
Pendleton	38.2
Nelson	38.0
Lincoln	37.2
Letcher	37.1
Trigg	37.1
Ohio	36.9
Green	36.6
Estill	36.5
Whitley	36.2
Allen	36.2
Franklin	35.0
Harlan	33.0
Lee	32.8
Rowan	32.7
Anderson	32.7
Woodford	32.6
Hardin	32.3
Daviess	31.9
Wolfe	31.9
Simpson	31.5
Kenton	31.3
Boone	31.2
Hart	30.8
Gallatin	30.6
Metcalfe	29.8
Clinton	29.4
Madison	29.0
Butler	28.8
Breckinridge	28.6
Garrard	28.3

County	Rate
Breathitt	28.3
Marion	28.2
Jefferson	27.6
Warren	27.6
Bullitt	27.5
Carter	27.2
Campbell	27.0
Jessamine	26.9
Bell	26.9
Hancock	26.2
Washington	26.0
Boyle	25.7
Shelby	24.5
Barren	24.2
Carlisle	24.0
Logan	23.7
Lewis	23.7
Ballard	23.5
Leslie	23.1
Clay	23.0
Fayette	22.8
Adair	22.3
Laurel	22.3
Knott	22.2
Taylor	22.2
Graves	21.9
Webster	21.0
Bath	20.6
Hopkins	20.1
Mason	20.1

County	Rate
Spencer	19.9
Scott	19.8
Todd	19.8
Nicholas	19.7
Bracken	18.9
Larue	18.9
Marshall	18.4
Wayne	18.3
Henderson	18.0
Johnson	17.4
Fulton	16.8
Clark	16.5
Edmonson	16.5
McCracken	16.4
Union	15.9
Christian	15.8
McCreary	15.8
Calloway	15.8
Pulaski	15.6
Livingston	15.5
Oldham	15.4
Robertson	13.6
Montgomery	11.7
Fleming	9.8
Hickman	9.8
Meade	9.5
Casey	8.8
Morgan	8.6
Menifee	6.6
Elliott	5.7

**Current Overall Incidence Rate**  
28.57 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.