

# KY COVID-19 Report 02NOV21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	746,588	532,954	213,634
Deaths	9,834	8,698	1,136
New Cases	1,258	600	658
New Cases 18 and Under	317	127	190
Total New Deaths	20	19	1

Duplicates and records not meeting case criteria removed since last report: 23

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
50,645	6.8%	0-9	0.0%	2
101,668	13.6%	10-19	0.0%	4
128,209	17.2%	20-29	0.3%	31
115,711	15.5%	30-39	1.1%	111
108,112	14.5%	40-49	3.6%	350
99,340	13.3%	50-59	8.8%	868
74,393	10.0%	60-69	19.3%	1,894
43,422	5.8%	70-79	27.1%	2,666
24,849	3.3%	80+	39.7%	3,908
239	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,974	0.3%	American Indian	0.1%	11
5,491	0.9%	Asian	0.5%	44
48,881	7.8%	Black	7.3%	684
381	0.1%	Pacific Islander	0.1%	6
538,539	85.8%	White	89.4%	8,404
32,262	5.1%	Multiracial	2.6%	248

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,621	4.6%	Hispanic	1.5%	139
569,855	95.4%	Non-Hispanic	98.5%	9,000

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
 Race known for 84.1% of cases and 95.6% of deaths  
 Ethnicity known for 80.0% of cases and 92.9% of deaths

### Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
4,181	82,854	5.05%

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
9,914,906	7,373,277	396,845	1,906,154	908,124	625,081	52,452	230,591

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	31,503	4.22%
Ever ICU	6,167	0.83%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	776
ICU	239
On Ventilator	133

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,335	4,589	64.5%
ICU Beds	1,152	222	83.8%
Ventilators	577	1,372	29.6%

### 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	31	12	4	4.1%	16.7%	4.1%	49.61%	80.56%	11.34%
Region 2	62	22	14	8.1%	33.8%	16.3%	56.06%	90.77%	29.07%
Region 3	258	75	38	6.9%	19.4%	8.2%	64.45%	78.76%	32.68%
Region 4	22	6	3	2.7%	8.0%	2.3%	51.89%	94.67%	16.79%
Region 5	141	45	26	5.2%	12.8%	4.5%	77.15%	90.88%	38.14%
Region 6	71	16	11	5.9%	20.5%	9.2%	80.58%	98.72%	39.17%
Region 7	48	16	9	7.4%	19.3%	6.4%	59.29%	50.60%	13.57%
Region 8	78	19	13	6.6%	15.0%	8.4%	57.83%	90.55%	27.27%
Region 9	43	17	10	6.8%	20.2%	9.9%	53.46%	79.76%	15.84%
Region 10	22	11	5	4.6%	20.8%	6.6%	50.21%	75.47%	28.95%

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	120,761	16.2%
Fayette	52,011	7.0%
Warren	25,780	3.5%
Kenton	23,911	3.2%
Boone	20,509	2.7%
Hardin	18,136	2.4%
Daviess	17,115	2.3%
Madison	15,923	2.1%
Laurel	12,819	1.7%
Campbell	12,524	1.7%
Bullitt	12,124	1.6%
Pike	10,769	1.4%
Pulaski	10,482	1.4%
Christian	10,275	1.4%
Oldham	10,194	1.4%
McCracken	10,186	1.4%
Whitley	8,971	1.2%
Scott	8,558	1.1%
Boyd	8,469	1.1%
Nelson	8,378	1.1%
Hopkins	8,276	1.1%
Jessamine	8,164	1.1%
Henderson	8,007	1.1%
Barren	8,004	1.1%
Graves	7,215	1.0%
Knox	7,204	1.0%
Floyd	7,158	1.0%
Franklin	7,100	1.0%
Shelby	7,099	1.0%
Greenup	6,443	0.9%

County	Cases	Percent
Perry	6,174	0.8%
Bell	5,832	0.8%
Muhlenberg	5,707	0.8%
Taylor	5,476	0.7%
Harlan	5,428	0.7%
Boyle	5,399	0.7%
Clark	5,316	0.7%
Calloway	5,178	0.7%
Clay	5,124	0.7%
Logan	5,104	0.7%
Marshall	5,041	0.7%
Grayson	4,806	0.6%
Carter	4,588	0.6%
Mercer	4,523	0.6%
Montgomery	4,514	0.6%
Ohio	4,388	0.6%
Lincoln	4,383	0.6%
Grant	4,170	0.6%
Marion	3,941	0.5%
Letcher	3,938	0.5%
Allen	3,821	0.5%
Russell	3,759	0.5%
Johnson	3,734	0.5%
Rowan	3,719	0.5%
Hart	3,558	0.5%
Anderson	3,556	0.5%
Woodford	3,494	0.5%
Meade	3,467	0.5%
McCreary	3,382	0.5%
Adair	3,376	0.5%

County	Cases	Percent
Harrison	3,336	0.4%
Simpson	3,213	0.4%
Rockcastle	3,190	0.4%
Bourbon	3,182	0.4%
Wayne	2,973	0.4%
Morgan	2,897	0.4%
Spencer	2,887	0.4%
Garrard	2,804	0.4%
Breckinridge	2,760	0.4%
Jackson	2,678	0.4%
Lawrence	2,672	0.4%
Casey	2,651	0.4%
Henry	2,622	0.4%
Lewis	2,585	0.3%
Mason	2,585	0.3%
Powell	2,567	0.3%
Union	2,498	0.3%
Webster	2,476	0.3%
Caldwell	2,425	0.3%
Knott	2,417	0.3%
Green	2,371	0.3%
Larue	2,369	0.3%
Butler	2,351	0.3%
Washington	2,339	0.3%
Monroe	2,292	0.3%
Estill	2,252	0.3%
Magoffin	2,204	0.3%
Leslie	2,191	0.3%
Trigg	2,163	0.3%
Fleming	2,155	0.3%

County	Cases	Percent
Clinton	2,105	0.3%
Pendleton	2,050	0.3%
Breathitt	2,027	0.3%
Lyon	1,966	0.3%
Martin	1,929	0.3%
Metcalfe	1,924	0.3%
Carroll	1,910	0.3%
Todd	1,771	0.2%
Lee	1,761	0.2%
Bath	1,604	0.2%
Edmonson	1,558	0.2%
McLean	1,495	0.2%
Livingston	1,430	0.2%
Hancock	1,404	0.2%
Owen	1,387	0.2%
Elliott	1,343	0.2%
Gallatin	1,262	0.2%
Trimble	1,252	0.2%
Crittenden	1,249	0.2%
Wolfe	1,201	0.2%
Nicholas	1,195	0.2%
Cumberland	1,183	0.2%
Bracken	1,132	0.2%
Owsley	1,017	0.1%
Menifee	840	0.1%
Fulton	774	0.1%
Ballard	701	0.1%
Carlisle	640	0.1%
Hickman	566	0.1%
Robertson	337	0.0%

Total Cases  
746,588

## New Cases by County

County	Cases	Percent
Jefferson	163	13.0%
Fayette	73	5.8%
Madison	42	3.3%
Bullitt	38	3.0%
Hardin	34	2.7%
Montgomery	34	2.7%
Kenton	32	2.5%
Daviess	29	2.3%
Warren	29	2.3%
Nelson	25	2.0%
Pike	25	2.0%
Christian	21	1.7%
Franklin	21	1.7%
Anderson	20	1.6%
Boone	20	1.6%
Pulaski	20	1.6%
Scott	20	1.6%
Boyd	19	1.5%
Hopkins	19	1.5%
Barren	18	1.4%
Laurel	18	1.4%
Campbell	17	1.4%
Taylor	17	1.4%
Henderson	16	1.3%
Oldham	16	1.3%
Letcher	15	1.2%
Grayson	14	1.1%
Trigg	14	1.1%
Clark	13	1.0%
Jessamine	13	1.0%

County	Cases	Percent
McCracken	12	1.0%
Floyd	11	0.9%
Graves	11	0.9%
Harlan	10	0.8%
Mercer	10	0.8%
Muhlenberg	10	0.8%
Perry	10	0.8%
Powell	10	0.8%
Whitley	10	0.8%
Woodford	10	0.8%
Caldwell	9	0.7%
Grant	9	0.7%
Greenup	9	0.7%
Johnson	9	0.7%
Lawrence	9	0.7%
Marion	9	0.7%
Rockcastle	9	0.7%
Shelby	9	0.7%
Magoffin	8	0.6%
Rowan	8	0.6%
Harrison	7	0.6%
Jackson	7	0.6%
Washington	7	0.6%
Boyle	6	0.5%
Carter	6	0.5%
Hart	6	0.5%
Henry	6	0.5%
Martin	6	0.5%
Monroe	6	0.5%
Spencer	6	0.5%

County	Cases	Percent
Bell	5	0.4%
Breckinridge	5	0.4%
Carroll	5	0.4%
Clay	5	0.4%
Crittenden	5	0.4%
Knox	5	0.4%
Lee	5	0.4%
Morgan	5	0.4%
Bath	4	0.3%
Livingston	4	0.3%
Logan	4	0.3%
Mason	4	0.3%
Pendleton	4	0.3%
Russell	4	0.3%
Trimble	4	0.3%
Adair	3	0.2%
Bourbon	3	0.2%
Bracken	3	0.2%
Breathitt	3	0.2%
Casey	3	0.2%
Garrard	3	0.2%
Lewis	3	0.2%
Lincoln	3	0.2%
McLean	3	0.2%
Marshall	3	0.2%
Metcalfe	3	0.2%
Owen	3	0.2%
Wolfe	3	0.2%
Allen	2	0.2%
Butler	2	0.2%

County	Cases	Percent
Carlisle	2	0.2%
Clinton	2	0.2%
Estill	2	0.2%
Fleming	2	0.2%
Fulton	2	0.2%
Knott	2	0.2%
Larue	2	0.2%
Lyon	2	0.2%
McCreary	2	0.2%
Meade	2	0.2%
Ohio	2	0.2%
Owsley	2	0.2%
Simpson	2	0.2%
Union	2	0.2%
Webster	2	0.2%
Edmonson	1	0.1%
Green	1	0.1%
Hickman	1	0.1%
Leslie	1	0.1%
Menifee	1	0.1%
Nicholas	1	0.1%
Robertson	1	0.1%
Ballard	0	0.0%
Calloway	0	0.0%
Cumberland	0	0.0%
Elliott	0	0.0%
Gallatin	0	0.0%
Hancock	0	0.0%
Todd	0	0.0%
Wayne	0	0.0%

Total New Cases  
1,258

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,581	16.1%
Fayette	409	4.2%
Hardin	284	2.9%
Daviess	266	2.7%
Kenton	264	2.7%
Warren	255	2.6%
Hopkins	203	2.1%
Boone	195	2.0%
Pike	181	1.8%
McCracken	178	1.8%
Pulaski	175	1.8%
Madison	162	1.6%
Barren	147	1.5%
Harlan	131	1.3%
Bullitt	128	1.3%
Christian	128	1.3%
Laurel	126	1.3%
Graves	125	1.3%
Floyd	111	1.1%
Shelby	105	1.1%
Boyd	104	1.1%
Campbell	101	1.0%
Henderson	99	1.0%
Jessamine	95	1.0%
Bell	94	1.0%
Oldham	93	0.9%
Muhlenberg	92	0.9%
Grayson	91	0.9%
Nelson	90	0.9%
Lincoln	89	0.9%

County	Deaths	Percent
Perry	88	0.9%
Whitley	88	0.9%
Boyle	81	0.8%
Greenup	81	0.8%
Logan	81	0.8%
Ohio	81	0.8%
Taylor	81	0.8%
Franklin	80	0.8%
Marshall	78	0.8%
Adair	76	0.8%
Mercer	75	0.8%
Allen	70	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	0.5%
Casey	53	0.5%
Knox	53	0.5%
Scott	52	0.5%
Jackson	50	0.5%
Caldwell	49	0.5%

County	Deaths	Percent
Anderson	48	0.5%
Garrard	48	0.5%
Johnson	48	0.5%
Larue	48	0.5%
Marion	47	0.5%
Washington	46	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%
Butler	37	0.4%
Meade	37	0.4%
Breckinridge	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%
Fleming	34	0.3%
Spencer	34	0.3%
Clinton	33	0.3%
Union	32	0.3%
Bath	31	0.3%
Green	31	0.3%
Lee	31	0.3%
Rockcastle	31	0.3%

County	Deaths	Percent
Todd	31	0.3%
Rowan	30	0.3%
Breathitt	29	0.3%
Edmonson	29	0.3%
Henry	29	0.3%
Woodford	29	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%
Nicholas	18	0.2%
Cumberland	17	0.2%
Hancock	17	0.2%
Trimble	17	0.2%
Fulton	16	0.2%
Robertson	16	0.2%
Owsley	15	0.2%
Carlisle	12	0.1%
Estill	12	0.1%
Wolfe	11	0.1%
Bracken	10	0.1%
Morgan	10	0.1%
Elliott	8	0.1%

Total Deaths  
9,834

## Incidence Rates by County

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

County	Rate
Russell	105.2
Green	94.0
Clinton	81.1
Adair	80.3
Jackson	55.7
Powell	54.3
Trimble	52.3
Lee	52.1
Taylor	40.5
Trigg	40.0
Lawrence	39.2
Rowan	36.2
Grayson	34.6
Lewis	34.4
Letcher	33.8
Greenup	32.6
Nelson	31.8
Caldwell	31.4
McLean	31.0
Gallatin	30.6
Marion	29.6
Monroe	29.5
Martin	29.3
Floyd	29.3
Henry	29.2
Owsley	29.1
Grant	29.1
Clark	28.8
Boyd	28.1
Daviess	27.6

County	Rate
Crittenden	27.6
Franklin	27.2
Muhlenberg	27.1
Pike	26.9
Carroll	26.9
Hopkins	26.9
Whitley	26.8
Harrison	26.5
Barren	26.5
Hardin	26.3
Boyle	26.1
Wolfe	25.9
Spencer	25.8
Breckinridge	25.8
Metcalfe	25.5
Harlan	25.3
Anderson	25.1
Elliott	24.7
Carter	24.5
Kenton	24.0
Fulton	23.9
Simpson	23.8
Ohio	23.8
Cumberland	23.8
Perry	23.3
Estill	23.3
Johnson	23.2
Henderson	22.4
Magoffin	22.3
Madison	21.8

County	Rate
Leslie	21.7
Bullitt	21.7
Jessamine	21.6
Pendleton	21.5
Mercer	21.5
Jefferson	21.5
Boone	21.2
Butler	21.1
Fleming	20.6
Robertson	20.3
Washington	20.1
Rockcastle	19.7
Owen	19.7
Hancock	19.7
Casey	19.4
Mason	19.2
Campbell	19.2
Lyon	19.1
Logan	19.0
Fayette	18.6
Warren	18.2
Ballard	18.1
Hart	18.0
Edmonson	17.6
McCreary	17.4
Bourbon	17.3
Graves	17.3
Woodford	16.6
Scott	16.5
Knox	16.5

County	Rate
Laurel	16.4
Shelby	16.0
Oldham	15.8
Bracken	15.5
Bell	15.4
Larue	14.9
Garrard	14.6
Webster	14.3
Clay	13.6
Breathitt	13.6
Allen	13.4
Lincoln	13.4
McCracken	12.7
Bath	12.6
Pulaski	12.3
Meade	12.0
Christian	12.0
Nicholas	11.8
Knott	11.6
Wayne	11.2
Marshall	9.2
Carlisle	9.0
Menifee	8.8
Calloway	8.8
Union	7.0
Montgomery	6.6
Morgan	6.4
Livingston	6.2
Hickman	3.3
Todd	2.3

**Current Overall Incidence Rate**  
22.50 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.