

# KY COVID-19 Report 03NOV21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	748,202	533,900	214,302
Deaths	9,856	8,716	1,140
New Cases	1,669	984	685
New Cases 18 and Under	424	215	209
Total New Deaths	22	18	4

Duplicates and records not meeting case criteria removed since last report: 55

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
50,802	6.8%	0-9	0.0%	2
101,933	13.6%	10-19	0.0%	4
128,440	17.2%	20-29	0.3%	31
115,974	15.5%	30-39	1.1%	111
108,345	14.5%	40-49	3.6%	352
99,549	13.3%	50-59	8.8%	872
74,545	10.0%	60-69	19.3%	1,899
43,495	5.8%	70-79	27.1%	2,671
24,880	3.3%	80+	39.7%	3,914
239	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,998	0.3%	American Indian	0.1%	11
5,503	0.9%	Asian	0.5%	44
49,013	7.8%	Black	7.3%	686
381	0.1%	Pacific Islander	0.1%	6
540,110	85.8%	White	89.4%	8,420
32,325	5.1%	Multiracial	2.6%	249

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,670	4.6%	Hispanic	1.5%	139
571,147	95.4%	Non-Hispanic	98.5%	9,023

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 84.1% of cases and 95.5% of deaths  
Ethnicity known for 80.0% of cases and 93.0% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
4,152	82,138	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
9,944,074	7,391,595	396,935	1,915,793	910,007	626,203	52,481	231,323

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	31,587	4.22%
Ever ICU	6,180	0.83%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	762
ICU	232
On Ventilator	137

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,830	4,211	67.7%
ICU Beds	1,206	191	86.3%
Ventilators	614	1,294	32.2%

### 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	26	10	6	3.2%	12.7%	6.6%	52.51%	74.68%	10.99%
Region 2	60	20	15	7.8%	27.8%	17.4%	70.41%	77.78%	30.23%
Region 3	254	73	41	6.8%	19.3%	9.1%	68.43%	87.34%	36.95%
Region 4	20	7	3	2.4%	8.4%	2.3%	56.47%	93.98%	16.79%
Region 5	139	44	28	5.1%	12.3%	5.0%	79.81%	93.02%	41.77%
Region 6	71	14	9	5.9%	17.1%	7.5%	82.53%	96.34%	39.17%
Region 7	50	19	10	7.7%	22.9%	7.5%	66.56%	65.06%	15.79%
Region 8	73	19	11	6.1%	15.4%	7.2%	52.78%	91.87%	29.41%
Region 9	44	15	9	6.9%	17.9%	8.9%	55.03%	73.81%	15.84%
Region 10	25	11	5	5.0%	20.4%	6.6%	53.60%	75.93%	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 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	121,016	16.2%
Fayette	52,093	7.0%
Warren	25,806	3.4%
Kenton	23,990	3.2%
Boone	20,571	2.7%
Hardin	18,159	2.4%
Daviess	17,168	2.3%
Madison	15,945	2.1%
Laurel	12,835	1.7%
Campbell	12,549	1.7%
Bullitt	12,207	1.6%
Pike	10,802	1.4%
Pulaski	10,497	1.4%
Christian	10,288	1.4%
Oldham	10,209	1.4%
McCracken	10,206	1.4%
Whitley	8,982	1.2%
Scott	8,587	1.1%
Boyd	8,480	1.1%
Nelson	8,400	1.1%
Hopkins	8,304	1.1%
Jessamine	8,148	1.1%
Barren	8,022	1.1%
Henderson	8,012	1.1%
Graves	7,217	1.0%
Knox	7,205	1.0%
Floyd	7,178	1.0%
Franklin	7,136	1.0%
Shelby	7,110	1.0%
Greenup	6,462	0.9%

County	Cases	Percent
Perry	6,187	0.8%
Bell	5,841	0.8%
Muhlenberg	5,716	0.8%
Taylor	5,483	0.7%
Harlan	5,439	0.7%
Boyle	5,407	0.7%
Clark	5,334	0.7%
Calloway	5,183	0.7%
Clay	5,129	0.7%
Logan	5,108	0.7%
Marshall	5,046	0.7%
Grayson	4,813	0.6%
Carter	4,595	0.6%
Mercer	4,529	0.6%
Montgomery	4,522	0.6%
Ohio	4,398	0.6%
Lincoln	4,384	0.6%
Grant	4,187	0.6%
Letcher	3,948	0.5%
Marion	3,946	0.5%
Allen	3,825	0.5%
Russell	3,771	0.5%
Johnson	3,762	0.5%
Rowan	3,738	0.5%
Anderson	3,571	0.5%
Hart	3,567	0.5%
Woodford	3,490	0.5%
Meade	3,480	0.5%
McCreary	3,391	0.5%
Adair	3,382	0.5%

County	Cases	Percent
Harrison	3,341	0.4%
Simpson	3,216	0.4%
Bourbon	3,202	0.4%
Rockcastle	3,198	0.4%
Wayne	2,980	0.4%
Morgan	2,908	0.4%
Spencer	2,894	0.4%
Garrard	2,811	0.4%
Breckinridge	2,769	0.4%
Jackson	2,684	0.4%
Lawrence	2,678	0.4%
Casey	2,657	0.4%
Henry	2,626	0.4%
Lewis	2,591	0.3%
Mason	2,588	0.3%
Powell	2,571	0.3%
Union	2,499	0.3%
Webster	2,480	0.3%
Caldwell	2,440	0.3%
Knott	2,423	0.3%
Green	2,382	0.3%
Larue	2,369	0.3%
Butler	2,359	0.3%
Washington	2,342	0.3%
Monroe	2,297	0.3%
Estill	2,258	0.3%
Magoffin	2,207	0.3%
Leslie	2,196	0.3%
Trigg	2,178	0.3%
Fleming	2,161	0.3%

County	Cases	Percent
Clinton	2,113	0.3%
Pendleton	2,056	0.3%
Breathitt	2,031	0.3%
Lyon	1,969	0.3%
Martin	1,936	0.3%
Metcalfe	1,932	0.3%
Carroll	1,917	0.3%
Todd	1,778	0.2%
Lee	1,765	0.2%
Bath	1,608	0.2%
Edmonson	1,560	0.2%
McLean	1,497	0.2%
Livingston	1,432	0.2%
Hancock	1,407	0.2%
Owen	1,392	0.2%
Elliott	1,347	0.2%
Gallatin	1,271	0.2%
Crittenden	1,256	0.2%
Trimble	1,254	0.2%
Wolfe	1,201	0.2%
Nicholas	1,196	0.2%
Cumberland	1,189	0.2%
Bracken	1,137	0.2%
Owsley	1,018	0.1%
Menifee	845	0.1%
Fulton	774	0.1%
Ballard	703	0.1%
Carlisle	643	0.1%
Hickman	568	0.1%
Robertson	337	0.0%

Total Cases  
748,202

## New Cases by County

County	Cases	Percent
Jefferson	255	15.3%
Bullitt	84	5.0%
Fayette	83	5.0%
Kenton	79	4.7%
Boone	63	3.8%
Daviess	52	3.1%
Franklin	35	2.1%
Pike	34	2.0%
Hardin	30	1.8%
Scott	29	1.7%
Warren	29	1.7%
Johnson	28	1.7%
Hopkins	27	1.6%
Campbell	26	1.6%
Madison	23	1.4%
Nelson	23	1.4%
Floyd	22	1.3%
Bourbon	21	1.3%
Greenup	20	1.2%
McCracken	19	1.1%
Rowan	19	1.1%
Clark	18	1.1%
Grant	18	1.1%
Jessamine	17	1.0%
Barren	16	1.0%
Caldwell	16	1.0%
Laurel	16	1.0%
Oldham	16	1.0%
Trigg	15	0.9%
Anderson	14	0.8%

County	Cases	Percent
Christian	14	0.8%
Whitley	14	0.8%
Meade	13	0.8%
Pulaski	13	0.8%
Boyd	12	0.7%
Perry	12	0.7%
Russell	12	0.7%
Clinton	10	0.6%
Grayson	10	0.6%
Harlan	10	0.6%
Letcher	10	0.6%
McCreary	10	0.6%
Morgan	10	0.6%
Ohio	10	0.6%
Shelby	10	0.6%
Spencer	10	0.6%
Bell	9	0.5%
Boyle	9	0.5%
Adair	8	0.5%
Breckinridge	8	0.5%
Green	8	0.5%
Hart	8	0.5%
Metcalfe	8	0.5%
Muhlenberg	8	0.5%
Rockcastle	8	0.5%
Taylor	8	0.5%
Carroll	7	0.4%
Gallatin	7	0.4%
Garrard	7	0.4%
Harrison	7	0.4%

County	Cases	Percent
Martin	7	0.4%
Pendleton	7	0.4%
Butler	6	0.4%
Calloway	6	0.4%
Crittenden	6	0.4%
Estill	6	0.4%
Jackson	6	0.4%
Lawrence	6	0.4%
Leslie	6	0.4%
Marion	6	0.4%
Marshall	6	0.4%
Montgomery	6	0.4%
Wayne	6	0.4%
Carter	5	0.3%
Henderson	5	0.3%
Knott	5	0.3%
Lewis	5	0.3%
Lincoln	5	0.3%
Logan	5	0.3%
Menifee	5	0.3%
Mercer	5	0.3%
Monroe	5	0.3%
Todd	5	0.3%
Bath	4	0.2%
Breathitt	4	0.2%
Clay	4	0.2%
Cumberland	4	0.2%
Elliott	4	0.2%
Fleming	4	0.2%
Graves	4	0.2%

County	Cases	Percent
Mason	4	0.2%
Owen	4	0.2%
Simpson	4	0.2%
Washington	4	0.2%
Allen	3	0.2%
Bracken	3	0.2%
Edmonson	3	0.2%
Hancock	3	0.2%
Henry	3	0.2%
Knox	3	0.2%
Larue	3	0.2%
Lee	3	0.2%
McLean	3	0.2%
Magoffin	3	0.2%
Powell	3	0.2%
Union	3	0.2%
Webster	3	0.2%
Ballard	2	0.1%
Carlisle	2	0.1%
Casey	2	0.1%
Hickman	2	0.1%
Livingston	2	0.1%
Lyon	2	0.1%
Owsley	2	0.1%
Trimble	2	0.1%
Nicholas	1	0.1%
Robertson	1	0.1%
Wolfe	1	0.1%
Fulton	0	0.0%
Woodford	0	0.0%

Total New Cases  
1,669

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,583	16.1%
Fayette	409	4.1%
Hardin	286	2.9%
Daviess	267	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	100	1.0%
Bell	96	1.0%
Jessamine	95	1.0%
Oldham	93	0.9%
Grayson	92	0.9%
Muhlenberg	92	0.9%
Nelson	90	0.9%
Lincoln	89	0.9%

County	Deaths	Percent
Perry	89	0.9%
Whitley	88	0.9%
Taylor	82	0.8%
Boyle	81	0.8%
Greenup	81	0.8%
Logan	81	0.8%
Ohio	81	0.8%
Franklin	80	0.8%
Marshall	78	0.8%
Adair	77	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%
Montgomery	57	0.6%
Russell	57	0.6%
Wayne	57	0.6%
Simpson	56	0.6%
McCreary	54	0.5%
Casey	53	0.5%
Knox	53	0.5%
Scott	53	0.5%
Jackson	50	0.5%
Caldwell	49	0.5%

County	Deaths	Percent
Garrard	49	0.5%
Larue	49	0.5%
Anderson	48	0.5%
Johnson	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	33	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%
Magoffin	22	0.2%
Powell	22	0.2%
Trigg	22	0.2%
Ballard	20	0.2%
Hickman	19	0.2%
Leslie	19	0.2%
Pendleton	19	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  
9,856

## Incidence Rates by County

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

County	Rate
Russell	95.6
Green	94.0
Clinton	75.5
Adair	71.4
Powell	54.3
Jackson	50.4
Trigg	44.9
Trimble	43.8
Lee	40.5
Taylor	37.7
Lewis	37.7
Rowan	36.2
Greenup	34.6
Letcher	34.5
Franklin	34.2
McLean	34.1
Gallatin	33.8
Lawrence	32.6
Owsley	32.4
Grayson	30.8
Johnson	30.3
Marion	29.6
Spencer	29.5
Monroe	29.5
Floyd	29.3
Daviess	28.6
Harlan	28.6
Grant	28.5
Metcalfe	28.4
Nelson	28.1

County	Rate
Hopkins	27.5
Barren	27.4
Bourbon	27.4
Caldwell	26.9
Carroll	26.9
Boyle	26.6
Breckinridge	26.5
Harrison	26.5
Leslie	26.0
Clark	26.0
Boyd	26.0
Cumberland	25.9
Pike	25.7
Martin	25.5
Perry	25.5
Muhlenberg	25.2
Henry	24.8
Butler	24.4
Wolfe	24.0
Kenton	23.8
Pendleton	23.5
Boone	23.3
Rockcastle	23.1
Whitley	22.8
Hardin	22.3
Madison	22.0
Jefferson	21.6
Fleming	21.6
Fulton	21.5
Carter	21.3

County	Rate
Magoffin	21.1
Jessamine	21.1
Crittenden	21.1
Owen	21.0
Mercer	20.8
Bullitt	20.5
Robertson	20.3
Estill	20.3
Anderson	20.1
Washington	20.1
Simpson	20.0
Hart	19.5
Henderson	19.3
Lyon	19.1
Bracken	18.9
Campbell	18.6
Ohio	18.5
Mason	18.4
Fayette	18.3
Warren	18.3
Ballard	18.1
Bell	18.1
Hancock	18.0
Edmonson	17.6
McCreary	17.4
Logan	17.4
Casey	16.8
Webster	16.6
Scott	16.5
Oldham	16.3

County	Rate
Garrard	16.2
Shelby	15.4
Laurel	15.3
Graves	14.6
Woodford	14.4
McCracken	14.4
Meade	14.0
Menifee	13.2
Larue	12.9
Knox	12.8
Lincoln	12.8
Knott	12.5
Clay	12.2
Carlisle	12.0
Bath	11.4
Allen	11.4
Breathitt	11.3
Wayne	11.2
Pulaski	11.0
Christian	10.9
Calloway	10.6
Marshall	10.1
Nicholas	9.8
Hickman	9.8
Union	8.9
Morgan	8.6
Todd	8.1
Montgomery	7.6
Elliott	5.7
Livingston	4.7

**Current Overall Incidence Rate**  
22.19 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.