

KY COVID-19 Report

04NOV21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	749,596	534,722	214,874
Deaths	9,886	8,738	1,148
New Cases	1,398	819	579
New Cases 18 and Under	414	203	211
Total New Deaths	30	22	8

Duplicates and records not meeting case criteria removed since last report: 4

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
50,989	6.8%	0-9	0.0%	2
102,177	13.6%	10-19	0.0%	4
128,621	17.2%	20-29	0.3%	33
116,178	15.5%	30-39	1.1%	111
108,531	14.5%	40-49	3.6%	353
99,706	13.3%	50-59	8.9%	876
74,678	10.0%	60-69	19.3%	1,907
43,568	5.8%	70-79	27.1%	2,678
24,909	3.3%	80+	39.7%	3,922
239	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,007	0.3%	American Indian	0.1%	11
5,509	0.9%	Asian	0.5%	44
49,088	7.8%	Black	7.3%	689
381	0.1%	Pacific Islander	0.1%	6
541,209	85.8%	White	89.4%	8,446
32,374	5.1%	Multiracial	2.6%	249

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,706	4.6%	Hispanic	1.5%	139
572,122	95.4%	Non-Hispanic	98.5%	9,050

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 92.9% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
4,014	79,776	5.03%

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
9,971,646	7,405,702	397,156	1,928,159	911,620	627,163	52,553	231,904

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	31,632	4.22%
Ever ICU	6,194	0.83%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	765
ICU	217
On Ventilator	133

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,974	4,270	67.8%
ICU Beds	1,256	345	78.5%
Ventilators	604	1,289	31.9%

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	23	8	6	3.0%	12.1%	6.8%	57.67%	81.82%	12.50%
Region 2	58	23	15	7.4%	29.1%	16.9%	58.77%	74.68%	32.58%
Region 3	261	67	38	7.0%	17.7%	8.4%	70.78%	89.18%	35.62%
Region 4	17	5	3	2.1%	6.4%	2.3%	59.73%	91.03%	15.27%
Region 5	153	39	25	5.5%	10.9%	4.4%	78.98%	91.92%	40.57%
Region 6	66	12	9	5.5%	14.3%	7.5%	83.90%	97.62%	39.17%
Region 7	47	16	9	7.3%	19.3%	7.3%	69.97%	62.65%	17.07%
Region 8	71	20	14	5.1%	5.9%	9.1%	48.86%	47.34%	34.42%
Region 9	45	16	8	7.1%	19.3%	7.9%	57.46%	77.11%	11.88%
Region 10	24	11	6	5.0%	21.2%	8.2%	48.65%	88.46%	30.14%

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	121,270	16.2%
Fayette	52,137	7.0%
Warren	25,826	3.4%
Kenton	24,045	3.2%
Boone	20,624	2.8%
Hardin	18,196	2.4%
Daviess	17,209	2.3%
Madison	15,962	2.1%
Laurel	12,853	1.7%
Campbell	12,573	1.7%
Bullitt	12,217	1.6%
Pike	10,818	1.4%
Pulaski	10,506	1.4%
Christian	10,294	1.4%
Oldham	10,227	1.4%
McCracken	10,222	1.4%
Whitley	8,989	1.2%
Scott	8,618	1.1%
Boyd	8,508	1.1%
Nelson	8,416	1.1%
Hopkins	8,344	1.1%
Jessamine	8,161	1.1%
Barren	8,034	1.1%
Henderson	8,023	1.1%
Graves	7,233	1.0%
Knox	7,211	1.0%
Floyd	7,196	1.0%
Franklin	7,146	1.0%
Shelby	7,129	1.0%
Greenup	6,495	0.9%

County	Cases	Percent
Perry	6,210	0.8%
Bell	5,848	0.8%
Muhlenberg	5,724	0.8%
Taylor	5,495	0.7%
Harlan	5,456	0.7%
Boyle	5,414	0.7%
Clark	5,343	0.7%
Calloway	5,183	0.7%
Clay	5,136	0.7%
Logan	5,109	0.7%
Marshall	5,047	0.7%
Grayson	4,822	0.6%
Carter	4,601	0.6%
Montgomery	4,536	0.6%
Mercer	4,530	0.6%
Ohio	4,402	0.6%
Lincoln	4,388	0.6%
Grant	4,200	0.6%
Letcher	3,958	0.5%
Marion	3,955	0.5%
Allen	3,831	0.5%
Russell	3,773	0.5%
Johnson	3,768	0.5%
Rowan	3,757	0.5%
Anderson	3,575	0.5%
Hart	3,574	0.5%
Woodford	3,496	0.5%
Meade	3,482	0.5%
McCreary	3,405	0.5%
Adair	3,391	0.5%

County	Cases	Percent
Harrison	3,347	0.4%
Simpson	3,217	0.4%
Bourbon	3,206	0.4%
Rockcastle	3,203	0.4%
Wayne	2,986	0.4%
Morgan	2,913	0.4%
Spencer	2,901	0.4%
Garrard	2,816	0.4%
Breckinridge	2,770	0.4%
Jackson	2,694	0.4%
Lawrence	2,681	0.4%
Casey	2,660	0.4%
Henry	2,627	0.4%
Mason	2,598	0.3%
Lewis	2,597	0.3%
Powell	2,580	0.3%
Union	2,502	0.3%
Webster	2,484	0.3%
Caldwell	2,445	0.3%
Knott	2,425	0.3%
Green	2,384	0.3%
Larue	2,374	0.3%
Butler	2,359	0.3%
Washington	2,344	0.3%
Monroe	2,296	0.3%
Estill	2,260	0.3%
Magoffin	2,223	0.3%
Leslie	2,205	0.3%
Trigg	2,181	0.3%
Fleming	2,169	0.3%

County	Cases	Percent
Clinton	2,116	0.3%
Pendleton	2,057	0.3%
Breathitt	2,033	0.3%
Lyon	1,969	0.3%
Martin	1,952	0.3%
Metcalfe	1,934	0.3%
Carroll	1,920	0.3%
Todd	1,786	0.2%
Lee	1,771	0.2%
Bath	1,610	0.2%
Edmonson	1,563	0.2%
McLean	1,501	0.2%
Livingston	1,435	0.2%
Hancock	1,413	0.2%
Owen	1,393	0.2%
Elliott	1,349	0.2%
Gallatin	1,278	0.2%
Crittenden	1,262	0.2%
Trimble	1,259	0.2%
Wolfe	1,203	0.2%
Nicholas	1,202	0.2%
Cumberland	1,194	0.2%
Bracken	1,144	0.2%
Owsley	1,019	0.1%
Menifee	854	0.1%
Fulton	774	0.1%
Ballard	704	0.1%
Carlisle	646	0.1%
Hickman	569	0.1%
Robertson	339	0.0%

Total Cases
749,596

New Cases by County

County	Cases	Percent
Jefferson	257	18.4%
Kenton	55	3.9%
Boone	53	3.8%
Fayette	49	3.5%
Daviess	41	2.9%
Hopkins	40	2.9%
Hardin	36	2.6%
Greenup	34	2.4%
Scott	30	2.1%
Boyd	26	1.9%
Campbell	24	1.7%
Perry	23	1.6%
Floyd	21	1.5%
Rowan	20	1.4%
Warren	20	1.4%
Laurel	19	1.4%
Harlan	17	1.2%
Madison	17	1.2%
Pike	17	1.2%
Graves	16	1.1%
McCracken	16	1.1%
Nelson	16	1.1%
Magoffin	15	1.1%
Martin	15	1.1%
Oldham	15	1.1%
Shelby	15	1.1%
McCreary	14	1.0%
Grant	13	0.9%
Jessamine	13	0.9%
Barren	12	0.9%

County	Cases	Percent
Bullitt	12	0.9%
Henderson	12	0.9%
Montgomery	12	0.9%
Taylor	12	0.9%
Franklin	11	0.8%
Grayson	11	0.8%
Clark	10	0.7%
Jackson	10	0.7%
Mason	10	0.7%
Adair	9	0.6%
Letcher	9	0.6%
Marion	9	0.6%
Menifee	9	0.6%
Powell	9	0.6%
Pulaski	9	0.6%
Todd	9	0.6%
Fleming	8	0.6%
Leslie	8	0.6%
Muhlenberg	8	0.6%
Bell	7	0.5%
Boyle	7	0.5%
Bracken	7	0.5%
Clay	7	0.5%
Gallatin	7	0.5%
Hart	7	0.5%
Wayne	7	0.5%
Whitley	7	0.5%
Carter	6	0.4%
Crittenden	6	0.4%
Hancock	6	0.4%

County	Cases	Percent
Harrison	6	0.4%
Knox	6	0.4%
Lee	6	0.4%
Lewis	6	0.4%
Nicholas	6	0.4%
Woodford	6	0.4%
Caldwell	5	0.4%
Christian	5	0.4%
Cumberland	5	0.4%
Garrard	5	0.4%
Johnson	5	0.4%
Larue	5	0.4%
Lincoln	5	0.4%
Morgan	5	0.4%
Rockcastle	5	0.4%
Spencer	5	0.4%
Trimble	5	0.4%
Allen	4	0.3%
Lawrence	4	0.3%
McLean	4	0.3%
Ohio	4	0.3%
Webster	4	0.3%
Anderson	3	0.2%
Bourbon	3	0.2%
Carlisle	3	0.2%
Carroll	3	0.2%
Edmonson	3	0.2%
Livingston	3	0.2%
Trigg	3	0.2%
Union	3	0.2%

County	Cases	Percent
Bath	2	0.1%
Breathitt	2	0.1%
Breckinridge	2	0.1%
Casey	2	0.1%
Clinton	2	0.1%
Elliott	2	0.1%
Estill	2	0.1%
Green	2	0.1%
Henry	2	0.1%
Knott	2	0.1%
Meade	2	0.1%
Mercer	2	0.1%
Metcalfe	2	0.1%
Robertson	2	0.1%
Russell	2	0.1%
Washington	2	0.1%
Wolfe	2	0.1%
Ballard	1	0.1%
Hickman	1	0.1%
Logan	1	0.1%
Marshall	1	0.1%
Monroe	1	0.1%
Owen	1	0.1%
Owsley	1	0.1%
Pendleton	1	0.1%
Simpson	1	0.1%
Butler	0	0.0%
Calloway	0	0.0%
Fulton	0	0.0%
Lyon	0	0.0%

Total New Cases
1,398

Total Deaths by County

County	Deaths	Percent
Jefferson	1,586	16.0%
Fayette	409	4.1%
Hardin	286	2.9%
Daviess	269	2.7%
Kenton	264	2.7%
Warren	255	2.6%
Hopkins	203	2.1%
Boone	195	2.0%
Pike	185	1.9%
McCracken	178	1.8%
Pulaski	175	1.8%
Madison	163	1.6%
Barren	147	1.5%
Harlan	131	1.3%
Bullitt	128	1.3%
Christian	128	1.3%
Graves	126	1.3%
Laurel	126	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%
Grayson	93	0.9%
Oldham	93	0.9%
Muhlenberg	92	0.9%
Perry	92	0.9%
Nelson	91	0.9%

County	Deaths	Percent
Lincoln	90	0.9%
Whitley	88	0.9%
Logan	82	0.8%
Taylor	82	0.8%
Boyle	81	0.8%
Greenup	81	0.8%
Ohio	81	0.8%
Franklin	80	0.8%
Marshall	79	0.8%
Adair	77	0.8%
Mercer	75	0.8%
Allen	70	0.7%
Letcher	68	0.7%
Mason	68	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%
Larue	50	0.5%

County	Deaths	Percent
Caldwell	49	0.5%
Garrard	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%
Lawrence	40	0.4%
McLean	40	0.4%
Harrison	39	0.4%
Butler	37	0.4%
Meade	37	0.4%
Webster	37	0.4%
Breckinridge	36	0.4%
Knott	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%
Lee	33	0.3%
Union	33	0.3%
Bath	31	0.3%
Green	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	28	0.3%
Lyon	26	0.3%
Owen	25	0.3%
Menifee	23	0.2%
Powell	23	0.2%
Trigg	23	0.2%
Magoffin	22	0.2%
Ballard	20	0.2%
Hickman	19	0.2%
Leslie	19	0.2%
Pendleton	19	0.2%
Hancock	18	0.2%
Nicholas	18	0.2%
Cumberland	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
9,886

Incidence Rates by County

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

County	Rate
Green	71.8
Russell	63.0
Clinton	58.7
Jackson	52.5
Powell	47.4
Adair	46.9
Trimble	45.5
Martin	44.7
Lee	44.4
Greenup	41.1
Trigg	40.0
Gallatin	37.0
Lewis	36.6
Letcher	36.5
Rowan	36.2
Owsley	35.6
Perry	34.9
Leslie	33.3
Magoffin	32.9
McLean	32.6
Marion	31.9
Hopkins	31.3
Franklin	31.1
Taylor	31.0
Harlan	30.8
Floyd	30.5
Spencer	30.3
Daviess	29.7
Boyd	29.4
Caldwell	29.1

County	Rate
Nelson	29.0
Carroll	28.2
Bourbon	28.2
Barren	27.1
Lawrence	27.0
Grayson	27.0
Metcalfe	27.0
Fleming	26.5
Muhlenberg	26.1
Wolfe	25.9
Boyle	25.7
Grant	25.6
Pike	25.2
Johnson	25.1
Rockcastle	24.8
Hancock	24.6
Kenton	24.0
Pendleton	23.5
Boone	23.4
Crittenden	22.7
Harrison	22.7
Hardin	22.1
Hart	21.8
Jefferson	21.4
Madison	21.4
Clark	21.3
Washington	21.3
Carlisle	21.0
Henry	20.4
Robertson	20.3

County	Rate
Monroe	20.1
Jessamine	20.1
Edmonson	20.0
Butler	20.0
Henderson	19.9
Whitley	19.7
Breckinridge	19.5
Bullitt	19.2
Bell	18.7
Simpson	18.5
Owen	18.3
Estill	18.2
Scott	17.8
Garrard	17.8
Webster	17.7
Mercer	17.6
Campbell	17.6
Laurel	17.4
Oldham	17.3
Graves	17.3
Clay	17.2
Bracken	17.2
Warren	17.2
Fayette	17.1
McCreary	16.6
Carter	16.5
Anderson	16.3
Shelby	16.3
Mason	15.9
Larue	15.9

County	Rate
Lyon	15.7
Ohio	15.5
Menifee	15.4
Cumberland	15.1
Ballard	14.5
McCracken	14.0
Knott	13.5
Meade	13.5
Casey	13.3
Hickman	13.0
Logan	12.7
Breathitt	12.4
Woodford	12.3
Allen	12.1
Knox	11.9
Union	11.9
Pulaski	10.3
Nicholas	9.8
Christian	9.7
Lincoln	9.3
Bath	9.1
Wayne	9.1
Calloway	8.4
Marshall	8.3
Montgomery	7.6
Elliott	7.6
Fulton	7.2
Livingston	6.2
Todd	5.8
Morgan	5.4

Current Overall Incidence Rate
21.56 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.