

KY COVID-19 Report 22OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	734,137	526,078	208,059
Deaths	9,559	8,472	1,087
New Cases	1,626	860	766
New Cases 18 and Under	444	215	229
Total New Deaths	29	23	6

Duplicates and records not meeting case criteria removed since last report: 7

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
49,157	6.7%	0-9	0.0%	2
99,594	13.6%	10-19	0.0%	4
126,412	17.2%	20-29	0.3%	29
113,871	15.5%	30-39	1.1%	101
106,528	14.5%	40-49	3.4%	329
97,875	13.3%	50-59	8.6%	824
73,186	10.0%	60-69	19.2%	1,832
42,741	5.8%	70-79	27.1%	2,594
24,534	3.3%	80+	40.2%	3,844
239	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,915	0.3%	American Indian	0.1%	11
5,441	0.9%	Asian	0.5%	43
48,185	7.8%	Black	7.3%	668
380	0.1%	Pacific Islander	0.1%	6
528,818	85.8%	White	89.4%	8,169
31,769	5.2%	Multiracial	2.6%	240

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,284	4.6%	Hispanic	1.5%	137
559,836	95.4%	Non-Hispanic	98.5%	8,751

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 84.0% of cases and 95.6% of deaths
 Ethnicity known for 80.0% of cases and 93.0% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
4,918	78,701	6.25%

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
9,681,455	7,240,413	394,664	1,815,815	891,856	616,949	51,586	223,321

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	31,067	4.23%
Ever ICU	6,077	0.83%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,012
ICU	289
On Ventilator	187

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,147	3,841	70.4%
ICU Beds	1,228	176	87.5%
Ventilators	675	1,240	35.2%

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	34	13	8	4.4%	17.3%	8.3%	57.78%	77.33%	14.58%
Region 2	82	25	18	10.5%	32.1%	20.9%	69.87%	83.33%	34.88%
Region 3	303	78	43	8.1%	20.2%	9.5%	71.72%	89.64%	38.41%
Region 4	44	17	13	5.3%	18.7%	9.9%	60.00%	95.60%	28.24%
Region 5	212	50	40	7.9%	14.4%	7.1%	79.84%	89.94%	44.46%
Region 6	90	27	15	7.5%	33.8%	12.5%	84.56%	100.00%	45.00%
Region 7	64	20	9	9.9%	23.8%	6.4%	69.71%	67.86%	15.00%
Region 8	100	31	20	8.5%	26.1%	13.0%	60.34%	89.08%	33.12%
Region 9	62	21	15	9.2%	22.6%	15.2%	58.61%	76.34%	25.25%
Region 10	21	7	6	4.4%	14.0%	7.9%	53.44%	90.00%	26.32%

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	118,916	16.2%
Fayette	51,361	7.0%
Warren	25,517	3.5%
Kenton	23,507	3.2%
Boone	20,122	2.7%
Hardin	17,870	2.4%
Daviess	16,827	2.3%
Madison	15,702	2.1%
Laurel	12,713	1.7%
Campbell	12,333	1.7%
Bullitt	11,936	1.6%
Pike	10,585	1.4%
Pulaski	10,254	1.4%
Christian	10,163	1.4%
Oldham	10,087	1.4%
McCracken	10,050	1.4%
Whitley	8,841	1.2%
Scott	8,364	1.1%
Boyd	8,330	1.1%
Nelson	8,252	1.1%
Hopkins	8,072	1.1%
Jessamine	8,036	1.1%
Henderson	7,914	1.1%
Barren	7,887	1.1%
Graves	7,174	1.0%
Knox	7,151	1.0%
Floyd	7,038	1.0%
Shelby	6,970	0.9%
Franklin	6,915	0.9%
Greenup	6,302	0.9%

County	Cases	Percent
Perry	6,076	0.8%
Bell	5,770	0.8%
Muhlenberg	5,608	0.8%
Harlan	5,347	0.7%
Boyle	5,318	0.7%
Taylor	5,307	0.7%
Clark	5,166	0.7%
Calloway	5,139	0.7%
Clay	5,099	0.7%
Logan	5,044	0.7%
Marshall	5,005	0.7%
Grayson	4,689	0.6%
Carter	4,520	0.6%
Mercer	4,455	0.6%
Montgomery	4,432	0.6%
Ohio	4,325	0.6%
Lincoln	4,324	0.6%
Grant	4,055	0.6%
Marion	3,876	0.5%
Letcher	3,826	0.5%
Allen	3,787	0.5%
Johnson	3,681	0.5%
Rowan	3,563	0.5%
Russell	3,546	0.5%
Hart	3,482	0.5%
Woodford	3,446	0.5%
Meade	3,437	0.5%
Anderson	3,421	0.5%
McCreary	3,328	0.5%
Harrison	3,281	0.4%

County	Cases	Percent
Adair	3,187	0.4%
Simpson	3,176	0.4%
Rockcastle	3,151	0.4%
Bourbon	3,144	0.4%
Wayne	2,924	0.4%
Morgan	2,849	0.4%
Spencer	2,830	0.4%
Garrard	2,776	0.4%
Breckinridge	2,673	0.4%
Lawrence	2,612	0.4%
Casey	2,605	0.4%
Jackson	2,602	0.4%
Henry	2,554	0.3%
Mason	2,534	0.3%
Lewis	2,513	0.3%
Powell	2,499	0.3%
Union	2,489	0.3%
Webster	2,459	0.3%
Knott	2,397	0.3%
Larue	2,371	0.3%
Caldwell	2,338	0.3%
Washington	2,324	0.3%
Butler	2,319	0.3%
Monroe	2,254	0.3%
Green	2,242	0.3%
Estill	2,215	0.3%
Magoffin	2,173	0.3%
Leslie	2,154	0.3%
Fleming	2,104	0.3%
Trigg	2,049	0.3%

County	Cases	Percent
Pendleton	2,018	0.3%
Clinton	2,003	0.3%
Breathitt	2,001	0.3%
Lyon	1,944	0.3%
Martin	1,889	0.3%
Metcalfe	1,887	0.3%
Carroll	1,862	0.3%
Lee	1,730	0.2%
Todd	1,720	0.2%
Bath	1,569	0.2%
Edmonson	1,536	0.2%
McLean	1,468	0.2%
Livingston	1,390	0.2%
Hancock	1,387	0.2%
Owen	1,363	0.2%
Elliott	1,309	0.2%
Gallatin	1,231	0.2%
Trimble	1,205	0.2%
Crittenden	1,202	0.2%
Nicholas	1,183	0.2%
Wolfe	1,181	0.2%
Cumberland	1,143	0.2%
Bracken	1,098	0.1%
Owsley	998	0.1%
Menifee	824	0.1%
Fulton	737	0.1%
Ballard	678	0.1%
Carlisle	626	0.1%
Hickman	553	0.1%
Robertson	334	0.0%

Total Cases
734,137

New Cases by County

County	Cases	Percent
Jefferson	228	14.0%
Fayette	64	3.9%
Scott	55	3.4%
Hardin	48	3.0%
Boone	47	2.9%
Rowan	42	2.6%
Pulaski	40	2.5%
Daviess	37	2.3%
Kenton	37	2.3%
Perry	36	2.2%
Warren	36	2.2%
Laurel	34	2.1%
Pike	34	2.1%
Hopkins	26	1.6%
Harlan	25	1.5%
Madison	24	1.5%
Muhlenberg	24	1.5%
Bullitt	23	1.4%
Russell	23	1.4%
Floyd	22	1.4%
Jessamine	22	1.4%
Marion	22	1.4%
Nelson	22	1.4%
Shelby	22	1.4%
Christian	19	1.2%
Taylor	18	1.1%
Clark	17	1.0%
McCracken	17	1.0%
Campbell	16	1.0%
Logan	16	1.0%

County	Cases	Percent
Adair	15	0.9%
Boyd	15	0.9%
Greenup	15	0.9%
Lincoln	14	0.9%
Trigg	14	0.9%
Wayne	14	0.9%
Lawrence	13	0.8%
Mercer	13	0.8%
Franklin	12	0.7%
Oldham	12	0.7%
Union	12	0.7%
Graves	11	0.7%
Henderson	11	0.7%
Knott	11	0.7%
Nicholas	11	0.7%
Washington	11	0.7%
Whitley	11	0.7%
Letcher	10	0.6%
Montgomery	10	0.6%
Grayson	9	0.6%
Harrison	9	0.6%
Powell	9	0.6%
Allen	8	0.5%
Anderson	8	0.5%
Barren	8	0.5%
Breckinridge	8	0.5%
Calloway	8	0.5%
Jackson	8	0.5%
Leslie	8	0.5%
Lewis	8	0.5%

County	Cases	Percent
Cumberland	7	0.4%
Estill	7	0.4%
Knox	7	0.4%
Webster	7	0.4%
Woodford	7	0.4%
Butler	6	0.4%
Carter	6	0.4%
Livingston	6	0.4%
Todd	6	0.4%
Caldwell	5	0.3%
Clinton	5	0.3%
Crittenden	5	0.3%
Gallatin	5	0.3%
Garrard	5	0.3%
Grant	5	0.3%
Hart	5	0.3%
Henry	5	0.3%
Meade	5	0.3%
Metcalfe	5	0.3%
Ohio	5	0.3%
Owsley	5	0.3%
Rockcastle	5	0.3%
Ballard	4	0.2%
Carroll	4	0.2%
Casey	4	0.2%
Hancock	4	0.2%
Johnson	4	0.2%
McLean	4	0.2%
Pendleton	4	0.2%
Trimble	4	0.2%

County	Cases	Percent
Bell	3	0.2%
Bourbon	3	0.2%
Breathitt	3	0.2%
Clay	3	0.2%
Green	3	0.2%
Larue	3	0.2%
McCreary	3	0.2%
Monroe	3	0.2%
Spencer	3	0.2%
Boyle	2	0.1%
Edmonson	2	0.1%
Hickman	2	0.1%
Lee	2	0.1%
Magoffin	2	0.1%
Martin	2	0.1%
Owen	2	0.1%
Bath	1	0.1%
Carlisle	1	0.1%
Fulton	1	0.1%
Marshall	1	0.1%
Mason	1	0.1%
Morgan	1	0.1%
Simpson	1	0.1%
Bracken	0	0.0%
Elliott	0	0.0%
Fleming	0	0.0%
Lyon	0	0.0%
Menifee	0	0.0%
Robertson	0	0.0%
Wolfe	0	0.0%

Total New Cases
1,626

Total Deaths by County

County	Deaths	Percent
Jefferson	1,564	16.4%
Fayette	394	4.1%
Hardin	275	2.9%
Daviess	262	2.7%
Kenton	251	2.6%
Warren	246	2.6%
Hopkins	196	2.1%
Boone	186	1.9%
Pike	177	1.9%
Pulaski	171	1.8%
McCracken	170	1.8%
Madison	153	1.6%
Barren	139	1.5%
Harlan	127	1.3%
Christian	125	1.3%
Bullitt	124	1.3%
Graves	123	1.3%
Laurel	118	1.2%
Floyd	111	1.2%
Shelby	105	1.1%
Boyd	101	1.1%
Henderson	98	1.0%
Campbell	95	1.0%
Jessamine	94	1.0%
Bell	93	1.0%
Oldham	93	1.0%
Muhlenberg	89	0.9%
Grayson	88	0.9%
Perry	87	0.9%
Lincoln	86	0.9%

County	Deaths	Percent
Nelson	85	0.9%
Whitley	84	0.9%
Logan	81	0.8%
Ohio	80	0.8%
Boyle	79	0.8%
Greenup	79	0.8%
Taylor	79	0.8%
Marshall	77	0.8%
Franklin	76	0.8%
Mercer	74	0.8%
Adair	71	0.7%
Allen	68	0.7%
Mason	66	0.7%
Letcher	65	0.7%
Hart	63	0.7%
Calloway	60	0.6%
Carter	59	0.6%
Monroe	59	0.6%
Clay	57	0.6%
Lewis	56	0.6%
Russell	56	0.6%
Montgomery	55	0.6%
Wayne	55	0.6%
Knox	53	0.6%
Simpson	53	0.6%
McCreary	52	0.5%
Casey	51	0.5%
Jackson	50	0.5%
Scott	48	0.5%
Caldwell	47	0.5%

County	Deaths	Percent
Garrard	47	0.5%
Johnson	46	0.5%
Larue	45	0.5%
Marion	45	0.5%
Washington	45	0.5%
Livingston	42	0.4%
Metcalfe	42	0.4%
Anderson	41	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%
Meade	36	0.4%
Butler	35	0.4%
Crittenden	35	0.4%
Martin	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%
Grant	32	0.3%
Union	32	0.3%
Lee	31	0.3%
Bath	30	0.3%
Green	30	0.3%
Rockcastle	30	0.3%

County	Deaths	Percent
Todd	30	0.3%
Breathitt	29	0.3%
Edmonson	29	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
9,559

Incidence Rates by County

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

County	Rate
Owsley	87.4
Cumberland	86.4
Powell	62.4
Jackson	62.2
Floyd	51.4
Perry	50.5
Mercer	50.2
Lawrence	49.4
Muhlenberg	48.5
Trimble	47.2
Carroll	44.3
Letcher	42.4
Russell	42.2
McLean	41.9
Grayson	41.6
Pike	41.2
Crittenden	40.6
Estill	40.5
Marion	40.0
Martin	39.6
Boyd	39.4
Harlan	39.0
Lee	38.6
Anderson	38.3
Grant	38.2
Owen	38.0
Washington	36.6
Caldwell	35.9
Nelson	35.8
Whitley	35.5

County	Rate
Henry	35.4
Greenup	35.0
Allen	34.2
Harrison	34.0
Breathitt	33.9
Rowan	33.9
Clinton	33.6
Adair	33.5
Franklin	32.5
Bourbon	30.3
Rockcastle	29.9
Woodford	29.4
Boone	29.2
Hardin	29.1
Lincoln	29.1
Daviess	28.8
Ohio	28.6
Lewis	28.0
Gallatin	27.4
Breckinridge	27.2
Knott	27.0
Union	26.8
Jessamine	26.7
Campbell	26.4
Logan	26.4
Warren	26.2
Pendleton	25.5
Simpson	25.4
Ballard	25.4
Kenton	25.2

County	Rate
Madison	25.0
Lyon	24.4
Knox	24.3
Webster	24.3
Garrard	24.3
Jefferson	24.0
Bullitt	23.4
Leslie	23.1
Carter	22.9
Shelby	22.7
Metcalfe	22.7
Butler	22.2
Taylor	22.2
Scott	22.1
Hart	21.8
Mason	21.8
Laurel	21.6
Trigg	21.5
Hancock	21.3
Carlisle	21.0
Graves	20.7
Barren	20.7
Robertson	20.3
Clay	20.1
Wolfe	20.0
Bell	19.8
Green	19.6
Fayette	19.6
Magoffin	18.8
Hopkins	17.9

County	Rate
Nicholas	17.7
Monroe	17.4
Oldham	17.3
Boyle	17.1
Wayne	16.9
Spencer	16.2
Larue	15.9
McCracken	14.6
Clark	14.6
Henderson	14.5
Fulton	14.4
Casey	14.1
Edmonson	14.1
Livingston	14.0
Marshall	13.8
Bath	13.7
Johnson	13.5
Hickman	13.0
Christian	12.6
Bracken	12.0
Todd	11.6
Pulaski	10.3
Calloway	10.3
Montgomery	10.1
McCreary	9.9
Meade	9.5
Fleming	6.9
Elliott	5.7
Menifee	4.4
Morgan	4.3

Current Overall Incidence Rate
25.52 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.