

KY COVID-19 Report 28OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	741,544	530,148	211,396
Deaths	9,717	8,607	1,110
New Cases	1,711	930	781
New Cases 18 and Under	477	195	282
Total New Deaths	33	31	2

Duplicates and records not meeting case criteria removed since last report: 30
 Today's total number of deaths reflects a reduction of one death compared to yesterday due to a reporting issue.

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
50,041	6.7%	0-9	0.0%	2
100,838	13.6%	10-19	0.0%	4
127,462	17.2%	20-29	0.3%	30
114,973	15.5%	30-39	1.1%	106
107,503	14.5%	40-49	3.5%	340
98,740	13.3%	50-59	8.8%	852
73,907	10.0%	60-69	19.2%	1,864
43,132	5.8%	70-79	27.2%	2,640
24,709	3.3%	80+	39.9%	3,879
239	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,943	0.3%	American Indian	0.1%	11
5,470	0.9%	Asian	0.5%	43
48,602	7.8%	Black	7.3%	679
380	0.1%	Pacific Islander	0.1%	6
534,642	85.8%	White	89.4%	8,304
32,053	5.1%	Multiracial	2.6%	243

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,499	4.6%	Hispanic	1.5%	137
566,012	95.4%	Non-Hispanic	98.5%	8,893

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 92.9% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
4,389	84,832	5.17%

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
9,819,837	7,318,332	395,810	1,870,904	901,841	621,719	52,037	228,085

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	31,386	4.23%
Ever ICU	6,146	0.83%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	861
ICU	271
On Ventilator	144

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,025	4,010	69.2%
ICU Beds	1,213	173	87.5%
Ventilators	654	1,260	34.2%

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	25	14	4	3.3%	20.3%	4.4%	54.55%	81.16%	17.78%
Region 2	60	17	11	7.7%	23.3%	12.8%	68.52%	82.19%	29.07%
Region 3	272	84	39	7.3%	22.0%	8.6%	70.62%	88.48%	36.64%
Region 4	38	16	7	4.7%	22.2%	5.3%	58.82%	93.06%	19.85%
Region 5	169	43	27	6.0%	12.0%	4.8%	79.43%	92.46%	46.10%
Region 6	72	19	9	6.0%	23.5%	7.5%	83.62%	96.30%	45.00%
Region 7	67	23	11	10.4%	27.4%	7.9%	71.25%	63.10%	11.43%
Region 8	77	26	16	6.5%	21.1%	10.5%	53.55%	86.99%	31.37%
Region 9	57	20	18	8.9%	22.0%	17.8%	57.39%	79.12%	24.75%
Region 10	24	9	2	5.0%	17.0%	2.6%	56.85%	96.23%	23.68%

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	120,047	16.2%
Fayette	51,742	7.0%
Warren	25,667	3.5%
Kenton	23,737	3.2%
Boone	20,365	2.7%
Hardin	18,027	2.4%
Daviess	16,989	2.3%
Madison	15,813	2.1%
Laurel	12,773	1.7%
Campbell	12,437	1.7%
Bullitt	12,033	1.6%
Pike	10,704	1.4%
Pulaski	10,377	1.4%
Christian	10,235	1.4%
Oldham	10,146	1.4%
McCracken	10,129	1.4%
Whitley	8,941	1.2%
Scott	8,494	1.1%
Boyd	8,410	1.1%
Nelson	8,319	1.1%
Hopkins	8,220	1.1%
Jessamine	8,113	1.1%
Henderson	7,960	1.1%
Barren	7,945	1.1%
Graves	7,196	1.0%
Knox	7,181	1.0%
Floyd	7,114	1.0%
Shelby	7,059	1.0%
Franklin	7,009	0.9%
Greenup	6,383	0.9%

County	Cases	Percent
Perry	6,133	0.8%
Bell	5,813	0.8%
Muhlenberg	5,662	0.8%
Taylor	5,418	0.7%
Harlan	5,399	0.7%
Boyle	5,357	0.7%
Clark	5,252	0.7%
Calloway	5,156	0.7%
Clay	5,111	0.7%
Logan	5,085	0.7%
Marshall	5,027	0.7%
Grayson	4,771	0.6%
Carter	4,560	0.6%
Mercer	4,501	0.6%
Montgomery	4,448	0.6%
Ohio	4,374	0.6%
Lincoln	4,368	0.6%
Grant	4,132	0.6%
Marion	3,912	0.5%
Letcher	3,896	0.5%
Allen	3,810	0.5%
Johnson	3,721	0.5%
Russell	3,681	0.5%
Rowan	3,661	0.5%
Hart	3,533	0.5%
Anderson	3,489	0.5%
Woodford	3,478	0.5%
Meade	3,453	0.5%
McCreary	3,370	0.5%
Harrison	3,315	0.4%

County	Cases	Percent
Adair	3,311	0.4%
Simpson	3,195	0.4%
Rockcastle	3,171	0.4%
Bourbon	3,167	0.4%
Wayne	2,962	0.4%
Morgan	2,873	0.4%
Spencer	2,856	0.4%
Garrard	2,795	0.4%
Breckinridge	2,728	0.4%
Lawrence	2,652	0.4%
Jackson	2,645	0.4%
Casey	2,634	0.4%
Henry	2,597	0.4%
Mason	2,566	0.3%
Lewis	2,559	0.3%
Powell	2,536	0.3%
Union	2,492	0.3%
Webster	2,469	0.3%
Knott	2,406	0.3%
Caldwell	2,379	0.3%
Larue	2,360	0.3%
Butler	2,338	0.3%
Washington	2,328	0.3%
Green	2,319	0.3%
Monroe	2,279	0.3%
Estill	2,231	0.3%
Magoffin	2,193	0.3%
Leslie	2,177	0.3%
Fleming	2,125	0.3%
Trigg	2,095	0.3%

County	Cases	Percent
Clinton	2,066	0.3%
Pendleton	2,035	0.3%
Breathitt	2,017	0.3%
Lyon	1,953	0.3%
Martin	1,912	0.3%
Metcalfe	1,912	0.3%
Carroll	1,898	0.3%
Todd	1,752	0.2%
Lee	1,749	0.2%
Bath	1,592	0.2%
Edmonson	1,546	0.2%
McLean	1,480	0.2%
Livingston	1,405	0.2%
Hancock	1,397	0.2%
Owen	1,378	0.2%
Elliott	1,337	0.2%
Gallatin	1,250	0.2%
Trimble	1,231	0.2%
Crittenden	1,218	0.2%
Nicholas	1,189	0.2%
Wolfe	1,189	0.2%
Cumberland	1,171	0.2%
Bracken	1,119	0.2%
Owsley	1,009	0.1%
Menifee	836	0.1%
Fulton	772	0.1%
Ballard	694	0.1%
Carlisle	638	0.1%
Hickman	565	0.1%
Robertson	336	0.0%

Total Cases
741,544

New Cases by County

County	Cases	Percent
Jefferson	241	14.1%
Boone	79	4.6%
Fayette	78	4.6%
Kenton	59	3.4%
Hopkins	42	2.5%
Adair	39	2.3%
Russell	39	2.3%
Hardin	37	2.2%
Anderson	35	2.0%
Campbell	35	2.0%
Taylor	33	1.9%
Daviess	32	1.9%
Warren	30	1.8%
Grant	28	1.6%
Pike	27	1.6%
Franklin	24	1.4%
Scott	23	1.3%
Floyd	21	1.2%
Laurel	21	1.2%
Madison	21	1.2%
Boyd	20	1.2%
Green	20	1.2%
McCracken	19	1.1%
Bullitt	18	1.1%
Clark	18	1.1%
Johnson	18	1.1%
Rowan	18	1.1%
Fulton	17	1.0%
Jessamine	17	1.0%
Barren	16	0.9%

County	Cases	Percent
Clinton	15	0.9%
Grayson	15	0.9%
Harlan	15	0.9%
Mason	15	0.9%
Powell	15	0.9%
Whitley	15	0.9%
Christian	14	0.8%
Nelson	13	0.8%
Perry	13	0.8%
Carter	12	0.7%
Lawrence	12	0.7%
Oldham	12	0.7%
Todd	12	0.7%
Breckinridge	11	0.6%
Caldwell	11	0.6%
Knox	11	0.6%
Marion	11	0.6%
Shelby	11	0.6%
Cumberland	10	0.6%
Henderson	10	0.6%
Logan	10	0.6%
Pulaski	10	0.6%
Woodford	10	0.6%
Boyle	9	0.5%
Graves	9	0.5%
Harrison	9	0.5%
Jackson	9	0.5%
Lewis	9	0.5%
McCreary	9	0.5%
Trigg	9	0.5%

County	Cases	Percent
Henry	8	0.5%
Lincoln	8	0.5%
Mercer	8	0.5%
Morgan	8	0.5%
Ohio	8	0.5%
Bracken	7	0.4%
Greenup	7	0.4%
Marshall	7	0.4%
Wayne	7	0.4%
Ballard	6	0.4%
Bell	6	0.4%
Calloway	6	0.4%
Letcher	6	0.4%
Monroe	6	0.4%
Muhlenberg	6	0.4%
Spencer	6	0.4%
Allen	5	0.3%
Carroll	5	0.3%
Casey	5	0.3%
Larue	5	0.3%
Lee	5	0.3%
Livingston	5	0.3%
Magoffin	5	0.3%
Meade	5	0.3%
Metcalfe	5	0.3%
Butler	4	0.2%
Estill	4	0.2%
Gallatin	4	0.2%
Knott	4	0.2%
Leslie	4	0.2%

County	Cases	Percent
McLean	4	0.2%
Menifee	4	0.2%
Nicholas	4	0.2%
Rockcastle	4	0.2%
Simpson	4	0.2%
Trimble	4	0.2%
Bourbon	3	0.2%
Fleming	3	0.2%
Garrard	3	0.2%
Hart	3	0.2%
Lyon	3	0.2%
Webster	3	0.2%
Bath	2	0.1%
Crittenden	2	0.1%
Elliott	2	0.1%
Hancock	2	0.1%
Hickman	2	0.1%
Montgomery	2	0.1%
Owen	2	0.1%
Robertson	2	0.1%
Washington	2	0.1%
Wolfe	2	0.1%
Breathitt	1	0.1%
Edmonson	1	0.1%
Pendleton	1	0.1%
Carlisle	0	0.0%
Clay	0	0.0%
Martin	0	0.0%
Owsley	0	0.0%
Union	0	0.0%

Total New Cases
1,711

Total Deaths by County

County	Deaths	Percent
Jefferson	1,569	16.1%
Fayette	403	4.1%
Hardin	282	2.9%
Daviess	264	2.7%
Kenton	254	2.6%
Warren	254	2.6%
Hopkins	202	2.1%
Boone	189	1.9%
Pike	179	1.8%
McCracken	175	1.8%
Pulaski	173	1.8%
Madison	160	1.6%
Barren	142	1.5%
Christian	128	1.3%
Harlan	128	1.3%
Bullitt	127	1.3%
Graves	125	1.3%
Laurel	125	1.3%
Floyd	111	1.1%
Shelby	105	1.1%
Boyd	104	1.1%
Henderson	99	1.0%
Campbell	95	1.0%
Jessamine	95	1.0%
Bell	94	1.0%
Oldham	93	1.0%
Muhlenberg	92	0.9%
Grayson	90	0.9%
Lincoln	89	0.9%
Nelson	88	0.9%

County	Deaths	Percent
Perry	88	0.9%
Whitley	88	0.9%
Greenup	81	0.8%
Logan	81	0.8%
Ohio	81	0.8%
Boyle	79	0.8%
Taylor	79	0.8%
Franklin	78	0.8%
Marshall	78	0.8%
Mercer	75	0.8%
Adair	72	0.7%
Allen	69	0.7%
Mason	67	0.7%
Letcher	66	0.7%
Hart	63	0.6%
Calloway	60	0.6%
Carter	59	0.6%
Monroe	59	0.6%
Clay	58	0.6%
Lewis	56	0.6%
Russell	56	0.6%
Simpson	56	0.6%
Montgomery	55	0.6%
Wayne	55	0.6%
McCreary	54	0.6%
Casey	53	0.5%
Knox	53	0.5%
Scott	51	0.5%
Jackson	50	0.5%
Caldwell	48	0.5%

County	Deaths	Percent
Garrard	48	0.5%
Johnson	47	0.5%
Larue	47	0.5%
Marion	46	0.5%
Washington	46	0.5%
Anderson	44	0.5%
Livingston	43	0.4%
Metcalfe	42	0.4%
Clark	40	0.4%
Gallatin	40	0.4%
Harrison	39	0.4%
Lawrence	39	0.4%
McLean	39	0.4%
Meade	37	0.4%
Butler	36	0.4%
Knott	36	0.4%
Bourbon	35	0.4%
Crittenden	35	0.4%
Martin	35	0.4%
Webster	35	0.4%
Breckinridge	34	0.3%
Fleming	34	0.3%
Spencer	34	0.3%
Clinton	32	0.3%
Grant	32	0.3%
Union	32	0.3%
Lee	31	0.3%
Todd	31	0.3%
Bath	30	0.3%
Green	30	0.3%

County	Deaths	Percent
Rockcastle	30	0.3%
Breathitt	29	0.3%
Edmonson	29	0.3%
Rowan	28	0.3%
Carroll	27	0.3%
Henry	27	0.3%
Woodford	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%
Cumberland	17	0.2%
Hancock	17	0.2%
Nicholas	17	0.2%
Trimble	17	0.2%
Fulton	16	0.2%
Robertson	16	0.2%
Owsley	15	0.2%
Estill	12	0.1%
Carlisle	11	0.1%
Wolfe	11	0.1%
Bracken	10	0.1%
Morgan	9	0.1%
Elliott	7	0.1%

Total Deaths
9,717

Incidence Rates by County

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

County	Rate
Russell	106.8
Adair	79.6
Green	74.4
Clinton	67.1
Cumberland	64.8
Powell	54.3
Jackson	51.4
Letcher	51.0
Lawrence	49.4
Owsley	45.3
Rowan	44.4
Carroll	44.3
Taylor	42.7
Henry	41.6
Grayson	41.6
Harlan	40.1
Anderson	39.6
Lewis	38.7
Lee	38.6
Marion	37.8
Grant	37.6
Muhlenberg	36.4
Whitley	36.2
Floyd	36.1
Metcalfe	35.5
Trimble	35.4
Mercer	35.2
Breckinridge	34.9
Monroe	34.9
Carlisle	33.0

County	Rate
Greenup	33.0
Pike	32.3
Ohio	31.6
Trigg	30.2
McCreary	29.8
Gallatin	29.0
Nelson	28.4
Hardin	28.2
Logan	27.9
Shelby	27.4
Boyd	27.2
Jessamine	26.7
Boone	26.4
Clark	26.4
Fulton	26.3
Crittenden	26.0
Caldwell	25.8
Daviess	25.2
Harrison	25.0
Perry	25.0
Owen	24.9
McLean	24.8
Elliott	24.7
Hopkins	24.6
Leslie	24.6
Johnson	24.5
Butler	24.4
Martin	24.2
Jefferson	23.7
Franklin	23.0

County	Rate
Hancock	22.9
Magoffin	22.3
Estill	22.3
Bell	22.0
Lincoln	21.5
Carter	21.3
Kenton	21.1
Boyle	20.9
Graves	20.3
Hart	20.3
Warren	19.8
Rockcastle	19.7
Garrard	19.4
Madison	19.4
Bullitt	19.1
Bourbon	18.8
Allen	18.8
Webster	18.8
Barren	18.7
Scott	18.5
Spencer	18.5
Fayette	18.3
Woodford	18.2
Ballard	18.1
Simpson	17.7
Pendleton	17.6
Campbell	17.4
Breathitt	17.0
Washington	16.5
Pulaski	16.5

County	Rate
Henderson	16.4
Knox	15.6
Oldham	15.0
Wayne	14.8
Knott	14.5
Robertson	13.6
Laurel	13.4
Casey	13.3
Hickman	13.0
Edmonson	12.9
McCracken	12.9
Christian	12.8
Lyon	12.2
Bracken	12.0
Wolfe	12.0
Mason	11.7
Bath	11.4
Marshall	10.1
Union	9.9
Meade	9.5
Clay	9.3
Larue	8.9
Calloway	7.3
Todd	7.0
Fleming	6.9
Menifee	6.6
Morgan	5.4
Livingston	4.7
Montgomery	4.6
Nicholas	2.0

Current Overall Incidence Rate
23.67 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.