

KY COVID-19 Report 24OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	736,198	527,276	208,922
Deaths	9,617	8,518	1,099
New Cases	803	551	252
New Cases 18 and Under	177	107	70
Total New Deaths	28	20	8

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
49,385	6.7%	0-9	0.0%	2
99,946	13.6%	10-19	0.0%	4
126,703	17.2%	20-29	0.3%	29
114,193	15.5%	30-39	1.1%	103
106,781	14.5%	40-49	3.5%	333
98,115	13.3%	50-59	8.6%	831
73,405	10.0%	60-69	19.2%	1,846
42,840	5.8%	70-79	27.1%	2,609
24,591	3.3%	80+	40.1%	3,860
239	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,921	0.3%	American Indian	0.1%	11
5,455	0.9%	Asian	0.5%	43
48,343	7.8%	Black	7.3%	672
380	0.1%	Pacific Islander	0.1%	6
530,996	85.8%	White	89.4%	8,217
31,877	5.1%	Multiracial	2.6%	241

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,350	4.6%	Hispanic	1.5%	137
561,651	95.4%	Non-Hispanic	98.5%	8,800

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
4,624	78,308	5.90%

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
9,730,529	7,268,924	395,170	1,834,866	894,870	618,570	51,781	224,519

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	31,161	4.23%
Ever ICU	6,088	0.83%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	966
ICU	286
On Ventilator	166

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,624	4,439	66.0%
ICU Beds	1,206	180	87.0%
Ventilators	627	1,288	32.7%

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	8	5	3.4%	12.3%	5.2%	54.57%	92.31%	12.37%
Region 2	69	23	16	8.9%	30.3%	18.6%	64.91%	89.47%	33.72%
Region 3	295	75	43	7.9%	20.1%	9.5%	68.58%	89.30%	35.76%
Region 4	38	15	9	4.6%	18.3%	6.9%	58.35%	90.24%	22.90%
Region 5	208	58	33	7.4%	16.3%	5.9%	73.34%	88.45%	39.01%
Region 6	88	25	11	7.3%	30.9%	9.2%	78.71%	100.00%	44.17%
Region 7	58	18	8	9.0%	21.7%	5.7%	65.02%	53.01%	12.14%
Region 8	86	28	18	7.2%	21.7%	12.0%	56.04%	93.80%	34.67%
Region 9	73	25	19	11.4%	27.5%	19.0%	50.39%	68.13%	30.00%
Region 10	25	11	4	5.2%	22.0%	5.4%	51.57%	96.00%	29.73%

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	119,254	16.2%
Fayette	51,469	7.0%
Warren	25,569	3.5%
Kenton	23,560	3.2%
Boone	20,219	2.7%
Hardin	17,929	2.4%
Daviess	16,864	2.3%
Madison	15,718	2.1%
Laurel	12,717	1.7%
Campbell	12,362	1.7%
Bullitt	11,966	1.6%
Pike	10,606	1.4%
Pulaski	10,306	1.4%
Christian	10,162	1.4%
Oldham	10,107	1.4%
McCracken	10,066	1.4%
Whitley	8,859	1.2%
Scott	8,403	1.1%
Boyd	8,335	1.1%
Nelson	8,269	1.1%
Hopkins	8,095	1.1%
Jessamine	8,062	1.1%
Henderson	7,928	1.1%
Barren	7,900	1.1%
Graves	7,193	1.0%
Knox	7,159	1.0%
Floyd	7,067	1.0%
Shelby	6,998	1.0%
Franklin	6,935	0.9%
Greenup	6,317	0.9%

County	Cases	Percent
Perry	6,104	0.8%
Bell	5,790	0.8%
Muhlenberg	5,628	0.8%
Harlan	5,366	0.7%
Taylor	5,339	0.7%
Boyle	5,333	0.7%
Clark	5,191	0.7%
Calloway	5,147	0.7%
Clay	5,102	0.7%
Logan	5,057	0.7%
Marshall	5,011	0.7%
Grayson	4,734	0.6%
Carter	4,529	0.6%
Mercer	4,466	0.6%
Montgomery	4,433	0.6%
Lincoln	4,337	0.6%
Ohio	4,335	0.6%
Grant	4,077	0.6%
Marion	3,890	0.5%
Letcher	3,856	0.5%
Allen	3,791	0.5%
Johnson	3,687	0.5%
Russell	3,593	0.5%
Rowan	3,584	0.5%
Hart	3,495	0.5%
Woodford	3,457	0.5%
Anderson	3,439	0.5%
Meade	3,439	0.5%
McCreary	3,352	0.5%
Harrison	3,296	0.4%

County	Cases	Percent
Adair	3,220	0.4%
Simpson	3,178	0.4%
Rockcastle	3,155	0.4%
Bourbon	3,150	0.4%
Wayne	2,937	0.4%
Morgan	2,851	0.4%
Spencer	2,833	0.4%
Garrard	2,778	0.4%
Breckinridge	2,686	0.4%
Casey	2,619	0.4%
Lawrence	2,616	0.4%
Jackson	2,613	0.4%
Henry	2,572	0.3%
Mason	2,549	0.3%
Lewis	2,520	0.3%
Powell	2,508	0.3%
Union	2,488	0.3%
Webster	2,460	0.3%
Knott	2,398	0.3%
Larue	2,373	0.3%
Caldwell	2,343	0.3%
Butler	2,322	0.3%
Washington	2,321	0.3%
Monroe	2,263	0.3%
Green	2,255	0.3%
Estill	2,217	0.3%
Magoffin	2,177	0.3%
Leslie	2,161	0.3%
Fleming	2,114	0.3%
Trigg	2,062	0.3%

County	Cases	Percent
Pendleton	2,023	0.3%
Clinton	2,022	0.3%
Breathitt	2,006	0.3%
Lyon	1,945	0.3%
Metcalfe	1,894	0.3%
Martin	1,891	0.3%
Carroll	1,876	0.3%
Lee	1,732	0.2%
Todd	1,726	0.2%
Bath	1,572	0.2%
Edmonson	1,539	0.2%
McLean	1,469	0.2%
Livingston	1,395	0.2%
Hancock	1,390	0.2%
Owen	1,370	0.2%
Elliott	1,311	0.2%
Gallatin	1,234	0.2%
Trimble	1,212	0.2%
Crittenden	1,208	0.2%
Nicholas	1,184	0.2%
Wolfe	1,182	0.2%
Cumberland	1,148	0.2%
Bracken	1,103	0.1%
Owsley	1,003	0.1%
Menifee	826	0.1%
Fulton	739	0.1%
Ballard	682	0.1%
Carlisle	628	0.1%
Hickman	553	0.1%
Robertson	335	0.0%

Total Cases
736,198

New Cases by County

County	Cases	Percent
Jefferson	144	17.9%
Boone	58	7.2%
Fayette	44	5.5%
Pulaski	33	4.1%
Warren	28	3.5%
Hardin	26	3.2%
Kenton	26	3.2%
Campbell	20	2.5%
Daviess	19	2.4%
Jessamine	16	2.0%
Rowan	16	2.0%
Oldham	15	1.9%
Boyle	14	1.7%
Bullitt	13	1.6%
Grayson	13	1.6%
Perry	12	1.5%
Scott	12	1.5%
Shelby	12	1.5%
Logan	10	1.2%
Muhlenberg	10	1.2%
Russell	10	1.2%
Taylor	10	1.2%
Clark	9	1.1%
Greenup	9	1.1%
Floyd	8	1.0%
Graves	8	1.0%
Letcher	8	1.0%
Bell	7	0.9%
Madison	7	0.9%
Nelson	7	0.9%

County	Cases	Percent
Carroll	6	0.7%
Harrison	6	0.7%
Henderson	6	0.7%
Pike	6	0.7%
Adair	5	0.6%
Clinton	5	0.6%
Grant	5	0.6%
Lincoln	5	0.6%
Ohio	5	0.6%
Wayne	5	0.6%
Allen	4	0.5%
Carter	4	0.5%
Cumberland	4	0.5%
Harlan	4	0.5%
Jackson	4	0.5%
Leslie	4	0.5%
Livingston	4	0.5%
McCreary	4	0.5%
Mercer	4	0.5%
Barren	3	0.4%
Bourbon	3	0.4%
Bracken	3	0.4%
Breckinridge	3	0.4%
Butler	3	0.4%
Franklin	3	0.4%
Hart	3	0.4%
Hopkins	3	0.4%
Johnson	3	0.4%
McCracken	3	0.4%
Powell	3	0.4%

County	Cases	Percent
Woodford	3	0.4%
Casey	2	0.2%
Christian	2	0.2%
Estill	2	0.2%
Henry	2	0.2%
Laurel	2	0.2%
Lawrence	2	0.2%
Magoffin	2	0.2%
Marion	2	0.2%
Mason	2	0.2%
Meade	2	0.2%
Menifee	2	0.2%
Metcalfe	2	0.2%
Monroe	2	0.2%
Pendleton	2	0.2%
Simpson	2	0.2%
Trigg	2	0.2%
Whitley	2	0.2%
Anderson	1	0.1%
Ballard	1	0.1%
Bath	1	0.1%
Breathitt	1	0.1%
Caldwell	1	0.1%
Carlisle	1	0.1%
Edmonson	1	0.1%
Elliott	1	0.1%
Fleming	1	0.1%
Green	1	0.1%
Knox	1	0.1%
Marshall	1	0.1%

County	Cases	Percent
Morgan	1	0.1%
Owen	1	0.1%
Rockcastle	1	0.1%
Spencer	1	0.1%
Todd	1	0.1%
Washington	1	0.1%
Wolfe	1	0.1%
Boyd	0	0.0%
Calloway	0	0.0%
Clay	0	0.0%
Crittenden	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Garrard	0	0.0%
Hancock	0	0.0%
Hickman	0	0.0%
Knott	0	0.0%
Larue	0	0.0%
Lee	0	0.0%
Lewis	0	0.0%
Lyon	0	0.0%
McLean	0	0.0%
Martin	0	0.0%
Montgomery	0	0.0%
Nicholas	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%
Trimble	0	0.0%
Union	0	0.0%
Webster	0	0.0%

Total New Cases
803

Total Deaths by County

County	Deaths	Percent
Jefferson	1,565	16.3%
Fayette	395	4.1%
Hardin	279	2.9%
Daviess	263	2.7%
Kenton	252	2.6%
Warren	248	2.6%
Hopkins	200	2.1%
Boone	186	1.9%
Pike	178	1.9%
Pulaski	172	1.8%
McCracken	171	1.8%
Madison	157	1.6%
Barren	139	1.4%
Christian	128	1.3%
Harlan	128	1.3%
Bullitt	125	1.3%
Graves	123	1.3%
Laurel	118	1.2%
Floyd	111	1.2%
Shelby	105	1.1%
Boyd	102	1.1%
Henderson	99	1.0%
Campbell	95	1.0%
Bell	94	1.0%
Jessamine	94	1.0%
Oldham	93	1.0%
Muhlenberg	90	0.9%
Grayson	89	0.9%
Lincoln	88	0.9%
Nelson	87	0.9%

County	Deaths	Percent
Perry	87	0.9%
Whitley	86	0.9%
Logan	81	0.8%
Ohio	81	0.8%
Boyle	79	0.8%
Greenup	79	0.8%
Taylor	79	0.8%
Marshall	78	0.8%
Franklin	76	0.8%
Mercer	74	0.8%
Adair	72	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%
Simpson	54	0.6%
Knox	53	0.6%
McCreary	53	0.6%
Casey	51	0.5%
Jackson	50	0.5%
Scott	49	0.5%
Caldwell	47	0.5%

County	Deaths	Percent
Garrard	47	0.5%
Larue	47	0.5%
Johnson	46	0.5%
Marion	46	0.5%
Washington	45	0.5%
Anderson	42	0.4%
Livingston	42	0.4%
Metcalfe	42	0.4%
Clark	39	0.4%
Gallatin	39	0.4%
Lawrence	39	0.4%
McLean	39	0.4%
Meade	37	0.4%
Harrison	36	0.4%
Knott	36	0.4%
Butler	35	0.4%
Crittenden	35	0.4%
Martin	35	0.4%
Webster	35	0.4%
Bourbon	34	0.4%
Breckinridge	34	0.4%
Fleming	34	0.4%
Spencer	34	0.4%
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%
Woodford	27	0.3%
Carroll	26	0.3%
Henry	26	0.3%
Lyon	26	0.3%
Owen	24	0.2%
Menifee	23	0.2%
Powell	22	0.2%
Trigg	22	0.2%
Magoffin	20	0.2%
Ballard	19	0.2%
Hickman	19	0.2%
Leslie	18	0.2%
Pendleton	18	0.2%
Hancock	17	0.2%
Nicholas	17	0.2%
Trimble	17	0.2%
Cumberland	16	0.2%
Fulton	16	0.2%
Robertson	16	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
9,617

Incidence Rates by County

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

County	Rate
Owsley	71.2
Cumberland	67.0
Russell	63.8
Jackson	60.0
Trimble	57.3
Letcher	55.0
Carroll	53.8
Adair	51.3
Powell	49.7
Floyd	49.4
Grayson	47.6
Mercer	47.5
Grant	47.3
Perry	47.1
Crittenden	47.0
Lawrence	45.7
Muhlenberg	44.8
Harlan	43.4
Marion	43.0
Henry	42.5
Clinton	41.9
Owen	39.3
Anderson	38.9
Rowan	38.0
Lee	36.7
Nelson	35.5
Pike	34.3
Caldwell	33.6
Harrison	33.3
Martin	31.9

County	Rate
Breathitt	31.7
Whitley	31.5
Estill	31.4
Green	31.3
Taylor	30.5
Greenup	30.1
Boone	29.8
Boyd	29.7
Hardin	29.5
McLean	29.5
Trigg	29.3
Lewis	29.1
Woodford	28.3
Lincoln	27.9
Jessamine	27.5
Bourbon	27.4
Gallatin	27.4
Breckinridge	27.2
Carlisle	27.0
Monroe	26.8
Franklin	26.3
Ohio	26.2
Campbell	25.6
McCreary	24.9
Warren	24.8
Allen	24.8
Logan	24.8
Daviess	24.6
Jefferson	24.0
Shelby	23.3

County	Rate
Rockcastle	23.1
Union	22.8
Bullitt	22.7
Graves	22.6
Mason	22.6
Bell	22.5
Knott	22.2
Butler	22.2
Webster	22.1
Pendleton	21.5
Simpson	21.5
Boyle	21.4
Metcalfe	21.3
Washington	21.3
Madison	21.2
Kenton	21.1
Lyon	20.9
Knox	20.6
Robertson	20.3
Scott	20.3
Magoffin	20.0
Ballard	19.9
Hancock	19.7
Barren	18.7
Clark	18.1
Fayette	18.0
Hopkins	17.9
Leslie	17.4
Bracken	17.2
Laurel	17.1

County	Rate
Oldham	16.9
Carter	16.5
Hart	16.5
Wayne	15.5
Garrard	15.4
Edmonson	15.3
Pulaski	15.2
Bath	14.9
Clay	14.4
Johnson	14.2
Casey	14.1
Wolfe	14.0
Henderson	13.9
Larue	13.9
Hickman	13.0
McCracken	12.7
Spencer	12.6
Marshall	12.4
Fulton	12.0
Nicholas	11.8
Christian	11.6
Livingston	10.9
Calloway	9.2
Montgomery	8.6
Meade	8.5
Todd	8.1
Elliott	7.6
Fleming	6.9
Menifee	6.6
Morgan	4.3

Current Overall Incidence Rate
24.64 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.