

KY COVID-19 Report 23OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	735,402	526,722	208,680
Deaths	9,589	8,498	1,091
New Cases	1,275	624	651
New Cases 18 and Under	371	152	219
Total New Deaths	30	26	4

Duplicates and records not meeting case criteria removed since last report: 10

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
49,309	6.7%	0-9	0.0%	2
99,831	13.6%	10-19	0.0%	4
126,597	17.2%	20-29	0.3%	29
114,070	15.5%	30-39	1.1%	102
106,678	14.5%	40-49	3.5%	331
98,010	13.3%	50-59	8.6%	826
73,314	10.0%	60-69	19.2%	1,840
42,797	5.8%	70-79	27.1%	2,603
24,557	3.3%	80+	40.2%	3,852
239	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,917	0.3%	American Indian	0.1%	11
5,449	0.9%	Asian	0.5%	43
48,261	7.8%	Black	7.3%	670
380	0.1%	Pacific Islander	0.1%	6
529,985	85.8%	White	89.4%	8,196
31,815	5.1%	Multiracial	2.6%	240

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,330	4.6%	Hispanic	1.5%	137
560,987	95.4%	Non-Hispanic	98.5%	8,780

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
4,546	75,683	6.01%

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
9,708,750	7,253,969	394,937	1,828,622	893,746	617,772	51,692	224,282

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	31,142	4.23%
Ever ICU	6,085	0.83%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	973
ICU	297
On Ventilator	174

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,042	4,015	69.3%
ICU Beds	1,287	153	89.4%
Ventilators	654	1,266	34.1%

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	33	21	7	4.0%	27.3%	7.2%	59.10%	89.61%	15.46%
Region 2	71	21	13	9.1%	26.9%	15.1%	67.69%	89.74%	27.91%
Region 3	292	77	42	7.9%	20.3%	9.3%	69.75%	91.56%	37.31%
Region 4	37	14	11	4.5%	16.5%	8.4%	61.64%	95.29%	25.95%
Region 5	209	56	38	7.7%	15.8%	6.7%	79.44%	90.42%	42.02%
Region 6	93	24	12	7.7%	30.0%	10.0%	82.57%	96.25%	43.33%
Region 7	60	21	10	9.3%	25.0%	7.1%	72.64%	66.67%	13.57%
Region 8	95	30	20	7.8%	19.0%	13.0%	59.80%	96.20%	34.42%
Region 9	61	25	19	9.4%	26.6%	19.2%	56.66%	72.34%	31.31%
Region 10	22	8	2	4.6%	16.0%	2.6%	43.63%	92.00%	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	119,110	16.2%
Fayette	51,428	7.0%
Warren	25,540	3.5%
Kenton	23,533	3.2%
Boone	20,161	2.7%
Hardin	17,901	2.4%
Daviess	16,845	2.3%
Madison	15,712	2.1%
Laurel	12,718	1.7%
Campbell	12,342	1.7%
Bullitt	11,955	1.6%
Pike	10,600	1.4%
Pulaski	10,274	1.4%
Christian	10,160	1.4%
Oldham	10,095	1.4%
McCracken	10,064	1.4%
Whitley	8,852	1.2%
Scott	8,391	1.1%
Boyd	8,335	1.1%
Nelson	8,262	1.1%
Hopkins	8,092	1.1%
Jessamine	8,047	1.1%
Henderson	7,922	1.1%
Barren	7,898	1.1%
Graves	7,183	1.0%
Knox	7,159	1.0%
Floyd	7,060	1.0%
Shelby	6,986	0.9%
Franklin	6,931	0.9%
Greenup	6,307	0.9%

County	Cases	Percent
Perry	6,092	0.8%
Bell	5,783	0.8%
Muhlenberg	5,619	0.8%
Harlan	5,361	0.7%
Taylor	5,330	0.7%
Boyle	5,320	0.7%
Clark	5,182	0.7%
Calloway	5,147	0.7%
Clay	5,102	0.7%
Logan	5,046	0.7%
Marshall	5,010	0.7%
Grayson	4,721	0.6%
Carter	4,525	0.6%
Mercer	4,462	0.6%
Montgomery	4,433	0.6%
Ohio	4,331	0.6%
Lincoln	4,328	0.6%
Grant	4,072	0.6%
Marion	3,888	0.5%
Letcher	3,849	0.5%
Allen	3,789	0.5%
Johnson	3,684	0.5%
Russell	3,582	0.5%
Rowan	3,568	0.5%
Hart	3,492	0.5%
Woodford	3,456	0.5%
Anderson	3,438	0.5%
Meade	3,437	0.5%
McCreary	3,348	0.5%
Harrison	3,290	0.4%

County	Cases	Percent
Adair	3,215	0.4%
Simpson	3,177	0.4%
Rockcastle	3,154	0.4%
Bourbon	3,147	0.4%
Wayne	2,932	0.4%
Morgan	2,850	0.4%
Spencer	2,831	0.4%
Garrard	2,778	0.4%
Breckinridge	2,683	0.4%
Casey	2,618	0.4%
Lawrence	2,614	0.4%
Jackson	2,609	0.4%
Henry	2,570	0.3%
Mason	2,547	0.3%
Lewis	2,523	0.3%
Powell	2,505	0.3%
Union	2,488	0.3%
Webster	2,460	0.3%
Knott	2,398	0.3%
Larue	2,373	0.3%
Caldwell	2,342	0.3%
Butler	2,320	0.3%
Washington	2,320	0.3%
Monroe	2,260	0.3%
Green	2,254	0.3%
Estill	2,215	0.3%
Magoffin	2,174	0.3%
Leslie	2,157	0.3%
Fleming	2,112	0.3%
Trigg	2,060	0.3%

County	Cases	Percent
Pendleton	2,022	0.3%
Clinton	2,017	0.3%
Breathitt	2,005	0.3%
Lyon	1,945	0.3%
Martin	1,891	0.3%
Metcalfe	1,891	0.3%
Carroll	1,870	0.3%
Lee	1,732	0.2%
Todd	1,725	0.2%
Bath	1,571	0.2%
Edmonson	1,537	0.2%
McLean	1,470	0.2%
Livingston	1,391	0.2%
Hancock	1,389	0.2%
Owen	1,369	0.2%
Elliott	1,310	0.2%
Gallatin	1,234	0.2%
Trimble	1,212	0.2%
Crittenden	1,208	0.2%
Nicholas	1,184	0.2%
Wolfe	1,181	0.2%
Cumberland	1,144	0.2%
Bracken	1,099	0.1%
Owsley	1,002	0.1%
Menifee	824	0.1%
Fulton	739	0.1%
Ballard	681	0.1%
Carlisle	628	0.1%
Hickman	553	0.1%
Robertson	335	0.0%

Total Cases
735,402

New Cases by County

County	Cases	Percent
Jefferson	200	15.7%
Fayette	63	4.9%
Boone	37	2.9%
Russell	36	2.8%
Hardin	35	2.7%
Grayson	30	2.4%
Adair	29	2.3%
Kenton	28	2.2%
Scott	27	2.1%
Warren	25	2.0%
Floyd	23	1.8%
Letcher	23	1.8%
Taylor	23	1.8%
McCreary	21	1.6%
Daviess	20	1.6%
Clark	19	1.5%
Hopkins	19	1.5%
Pulaski	19	1.5%
Henry	18	1.4%
Anderson	17	1.3%
Franklin	17	1.3%
Shelby	17	1.3%
Bullitt	15	1.2%
Grant	15	1.2%
Lewis	15	1.2%
Clinton	14	1.1%
Harlan	14	1.1%
McCracken	14	1.1%
Pike	14	1.1%
Bell	13	1.0%

County	Cases	Percent
Green	13	1.0%
Perry	13	1.0%
Breckinridge	12	0.9%
Casey	12	0.9%
Madison	12	0.9%
Marion	12	0.9%
Barren	11	0.9%
Campbell	11	0.9%
Mason	11	0.9%
Whitley	11	0.9%
Jessamine	10	0.8%
Nelson	10	0.8%
Graves	9	0.7%
Harrison	9	0.7%
Muhlenberg	9	0.7%
Oldham	9	0.7%
Woodford	9	0.7%
Calloway	8	0.6%
Henderson	8	0.6%
Knox	8	0.6%
Trigg	8	0.6%
Wayne	8	0.6%
Hart	7	0.5%
Jackson	7	0.5%
Mercer	7	0.5%
Powell	7	0.5%
Trimble	7	0.5%
Carroll	6	0.5%
Crittenden	6	0.5%
Ohio	6	0.5%

County	Cases	Percent
Owen	6	0.5%
Boyd	5	0.4%
Fleming	5	0.4%
Greenup	5	0.4%
Marshall	5	0.4%
Monroe	5	0.4%
Rowan	5	0.4%
Todd	5	0.4%
Caldwell	4	0.3%
Carter	4	0.3%
Laurel	4	0.3%
Leslie	4	0.3%
Lincoln	4	0.3%
Metcalf	4	0.3%
Owsley	4	0.3%
Rockcastle	4	0.3%
Spencer	4	0.3%
Ballard	3	0.2%
Bourbon	3	0.2%
Breathitt	3	0.2%
Clay	3	0.2%
Gallatin	3	0.2%
Garrard	3	0.2%
Johnson	3	0.2%
Pendleton	3	0.2%
Bath	2	0.2%
Boyle	2	0.2%
Carlisle	2	0.2%
Fulton	2	0.2%
Hancock	2	0.2%

County	Cases	Percent
Larue	2	0.2%
Lawrence	2	0.2%
McLean	2	0.2%
Martin	2	0.2%
Simpson	2	0.2%
Allen	1	0.1%
Bracken	1	0.1%
Butler	1	0.1%
Christian	1	0.1%
Cumberland	1	0.1%
Edmonson	1	0.1%
Knott	1	0.1%
Lee	1	0.1%
Livingston	1	0.1%
Logan	1	0.1%
Lyon	1	0.1%
Magoffin	1	0.1%
Montgomery	1	0.1%
Morgan	1	0.1%
Robertson	1	0.1%
Washington	1	0.1%
Webster	1	0.1%
Wolfe	1	0.1%
Elliott	0	0.0%
Estill	0	0.0%
Hickman	0	0.0%
Meade	0	0.0%
Menifee	0	0.0%
Nicholas	0	0.0%
Union	0	0.0%

Total New Cases
1,275

Total Deaths by County

County	Deaths	Percent
Jefferson	1,565	16.3%
Fayette	395	4.1%
Hardin	279	2.9%
Daviess	262	2.7%
Kenton	251	2.6%
Warren	246	2.6%
Hopkins	196	2.0%
Boone	186	1.9%
Pike	177	1.8%
Pulaski	171	1.8%
McCracken	170	1.8%
Madison	157	1.6%
Barren	139	1.4%
Harlan	128	1.3%
Christian	127	1.3%
Bullitt	124	1.3%
Graves	123	1.3%
Laurel	118	1.2%
Floyd	111	1.2%
Shelby	105	1.1%
Boyd	102	1.1%
Henderson	98	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	87	0.9%
Nelson	87	0.9%

County	Deaths	Percent
Perry	87	0.9%
Whitley	86	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	72	0.8%
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%
McCreary	53	0.6%
Simpson	53	0.6%
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	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%
McLean	39	0.4%
Lawrence	38	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%
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%
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%
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
9,589

Incidence Rates by County

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

County	Rate
Cumberland	75.6
Owsley	74.4
Russell	62.2
Jackson	61.1
Trimble	57.3
Floyd	54.2
Letcher	51.7
Perry	50.5
Grayson	49.7
Powell	49.7
Mercer	49.5
Adair	49.1
Carroll	48.4
Henry	47.8
Crittenden	47.0
Grant	45.6
Lawrence	43.8
Muhlenberg	43.4
Marion	43.0
Harlan	42.8
Owen	41.9
Anderson	40.8
Lee	38.6
Clinton	37.7
Pike	36.0
Estill	35.4
Nelson	34.6
Martin	34.5
McLean	34.1
Caldwell	33.6

County	Rate
Boyd	33.3
Breathitt	32.8
Rowan	32.7
Lewis	32.3
Greenup	31.3
Whitley	31.1
Gallatin	30.6
Franklin	30.5
Harrison	30.3
Green	30.0
Hardin	28.8
Trigg	28.3
Allen	28.1
Boone	28.1
Woodford	27.8
Bourbon	27.4
Rockcastle	27.4
Lincoln	27.4
Breckinridge	27.2
Taylor	26.6
Jessamine	26.4
Union	25.8
Daviess	25.6
Webster	25.4
Ballard	25.4
Warren	24.5
Pendleton	24.5
Lyon	24.4
Monroe	24.1
Campbell	24.1

County	Rate
Carlisle	24.0
Ohio	23.8
Washington	23.6
Knott	23.2
Leslie	23.1
Jefferson	23.1
Simpson	23.1
Metcalfe	22.7
Madison	22.6
Bullitt	22.6
McCreary	22.4
Kenton	22.0
Shelby	21.9
Mason	21.8
Graves	21.5
Knox	21.1
Butler	21.1
Bell	20.9
Logan	20.6
Scott	20.5
Robertson	20.3
Hart	20.3
Barren	20.0
Carter	19.7
Hancock	19.7
Laurel	19.5
Hopkins	19.2
Magoffin	18.8
Garrard	18.6
Fayette	18.2

County	Rate
Clay	17.9
Clark	17.7
Fulton	16.8
Bath	16.0
Oldham	14.8
Boyle	14.7
Henderson	14.2
Casey	14.1
Edmonson	14.1
Wayne	14.1
Larue	13.9
Bracken	13.8
McCracken	13.8
Nicholas	13.8
Marshall	13.3
Hickman	13.0
Johnson	12.9
Wolfe	12.0
Christian	12.0
Spencer	11.8
Pulaski	11.7
Calloway	11.0
Livingston	10.9
Montgomery	9.1
Meade	8.5
Todd	8.1
Elliott	7.6
Fleming	6.9
Menifee	4.4
Morgan	4.3

Current Overall Incidence Rate
24.62 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.