

KY COVID-19 Report 29OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	743,156	530,941	212,215
Deaths	9,766	8,641	1,125
New Cases	1,623	767	856
New Cases 18 and Under	455	190	265
Total New Deaths	49	34	15

Duplicates and records not meeting case criteria removed since last report: 11

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
50,236	6.8%	0-9	0.0%	2
101,115	13.6%	10-19	0.0%	4
127,694	17.2%	20-29	0.3%	30
115,237	15.5%	30-39	1.1%	108
107,677	14.5%	40-49	3.5%	344
98,927	13.3%	50-59	8.8%	858
74,062	10.0%	60-69	19.3%	1,880
43,218	5.8%	70-79	27.1%	2,650
24,751	3.3%	80+	39.8%	3,890
239	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,953	0.3%	American Indian	0.1%	11
5,476	0.9%	Asian	0.5%	43
48,692	7.8%	Black	7.3%	681
381	0.1%	Pacific Islander	0.1%	6
535,795	85.8%	White	89.4%	8,349
32,122	5.1%	Multiracial	2.6%	244

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,535	4.6%	Hispanic	1.5%	138
567,239	95.4%	Non-Hispanic	98.5%	8,937

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
4,301	84,673	5.08%

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
9,847,127	7,333,569	396,075	1,881,847	903,713	622,576	52,120	229,017

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	31,413	4.23%
Ever ICU	6,148	0.83%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	864
ICU	273
On Ventilator	144

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,990	4,393	67.2%
ICU Beds	1,210	185	86.7%
Ventilators	637	1,278	33.3%

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	27	17	3	3.4%	21.0%	3.3%	56.75%	76.54%	16.67%
Region 2	60	17	11	7.7%	22.4%	12.8%	66.71%	89.47%	36.05%
Region 3	278	84	38	7.5%	22.3%	8.4%	70.31%	87.53%	34.66%
Region 4	38	11	7	4.6%	13.8%	5.3%	58.74%	93.75%	17.56%
Region 5	162	47	29	5.6%	13.2%	5.1%	76.63%	91.01%	46.10%
Region 6	71	18	9	5.9%	23.7%	7.5%	82.00%	98.68%	38.33%
Region 7	62	22	14	7.0%	25.9%	10.0%	51.64%	63.53%	12.86%
Region 8	83	24	16	7.0%	20.0%	10.4%	54.11%	88.33%	27.92%
Region 9	54	21	14	8.4%	23.1%	13.9%	55.35%	72.53%	23.76%
Region 10	29	12	3	6.0%	22.6%	3.9%	58.51%	94.34%	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	120,254	16.2%
Fayette	51,823	7.0%
Warren	25,692	3.5%
Kenton	23,773	3.2%
Boone	20,403	2.7%
Hardin	18,055	2.4%
Daviess	17,013	2.3%
Madison	15,834	2.1%
Laurel	12,788	1.7%
Campbell	12,461	1.7%
Bullitt	12,054	1.6%
Pike	10,729	1.4%
Pulaski	10,400	1.4%
Christian	10,249	1.4%
Oldham	10,161	1.4%
McCracken	10,153	1.4%
Whitley	8,952	1.2%
Scott	8,518	1.1%
Boyd	8,425	1.1%
Nelson	8,335	1.1%
Hopkins	8,232	1.1%
Jessamine	8,127	1.1%
Henderson	7,980	1.1%
Barren	7,962	1.1%
Graves	7,201	1.0%
Knox	7,194	1.0%
Floyd	7,133	1.0%
Shelby	7,075	1.0%
Franklin	7,032	0.9%
Greenup	6,402	0.9%

County	Cases	Percent
Perry	6,151	0.8%
Bell	5,820	0.8%
Muhlenberg	5,678	0.8%
Taylor	5,440	0.7%
Harlan	5,404	0.7%
Boyle	5,368	0.7%
Clark	5,270	0.7%
Calloway	5,161	0.7%
Clay	5,114	0.7%
Logan	5,090	0.7%
Marshall	5,031	0.7%
Grayson	4,774	0.6%
Carter	4,571	0.6%
Mercer	4,507	0.6%
Montgomery	4,471	0.6%
Ohio	4,376	0.6%
Lincoln	4,375	0.6%
Grant	4,142	0.6%
Marion	3,919	0.5%
Letcher	3,905	0.5%
Allen	3,816	0.5%
Russell	3,746	0.5%
Johnson	3,721	0.5%
Rowan	3,676	0.5%
Hart	3,541	0.5%
Anderson	3,518	0.5%
Woodford	3,482	0.5%
Meade	3,460	0.5%
McCreary	3,371	0.5%
Adair	3,366	0.5%

County	Cases	Percent
Harrison	3,319	0.4%
Simpson	3,204	0.4%
Rockcastle	3,173	0.4%
Bourbon	3,172	0.4%
Wayne	2,965	0.4%
Morgan	2,883	0.4%
Spencer	2,868	0.4%
Garrard	2,798	0.4%
Breckinridge	2,740	0.4%
Lawrence	2,660	0.4%
Jackson	2,657	0.4%
Casey	2,639	0.4%
Henry	2,612	0.4%
Mason	2,575	0.3%
Lewis	2,573	0.3%
Powell	2,547	0.3%
Union	2,494	0.3%
Webster	2,468	0.3%
Knott	2,411	0.3%
Caldwell	2,387	0.3%
Green	2,368	0.3%
Larue	2,363	0.3%
Butler	2,343	0.3%
Washington	2,332	0.3%
Monroe	2,282	0.3%
Estill	2,234	0.3%
Magoffin	2,194	0.3%
Leslie	2,184	0.3%
Fleming	2,134	0.3%
Trigg	2,106	0.3%

County	Cases	Percent
Clinton	2,099	0.3%
Pendleton	2,042	0.3%
Breathitt	2,020	0.3%
Lyon	1,961	0.3%
Metcalfe	1,917	0.3%
Martin	1,914	0.3%
Carroll	1,901	0.3%
Todd	1,766	0.2%
Lee	1,750	0.2%
Bath	1,595	0.2%
Edmonson	1,548	0.2%
McLean	1,487	0.2%
Livingston	1,413	0.2%
Hancock	1,398	0.2%
Owen	1,382	0.2%
Elliott	1,339	0.2%
Gallatin	1,257	0.2%
Trimble	1,234	0.2%
Crittenden	1,225	0.2%
Nicholas	1,192	0.2%
Wolfe	1,191	0.2%
Cumberland	1,177	0.2%
Bracken	1,124	0.2%
Owsley	1,011	0.1%
Menifee	838	0.1%
Fulton	771	0.1%
Ballard	696	0.1%
Carlisle	638	0.1%
Hickman	566	0.1%
Robertson	336	0.0%

Total Cases
743,156

New Cases by County

County	Cases	Percent
Jefferson	211	13.0%
Fayette	85	5.2%
Russell	65	4.0%
Adair	56	3.5%
Green	48	3.0%
Boone	38	2.3%
Kenton	36	2.2%
Clinton	33	2.0%
Anderson	29	1.8%
Hardin	27	1.7%
Warren	27	1.7%
Pike	25	1.5%
Taylor	25	1.5%
Campbell	24	1.5%
Daviess	24	1.5%
Franklin	24	1.5%
Montgomery	23	1.4%
Scott	23	1.4%
Pulaski	22	1.4%
McCracken	21	1.3%
Bullitt	20	1.2%
Henderson	20	1.2%
Madison	20	1.2%
Barren	18	1.1%
Floyd	18	1.1%
Greenup	18	1.1%
Perry	18	1.1%
Oldham	17	1.0%
Shelby	17	1.0%
Boyd	16	1.0%

County	Cases	Percent
Clark	16	1.0%
Jessamine	16	1.0%
Nelson	16	1.0%
Henry	15	0.9%
Laurel	15	0.9%
Muhlenberg	15	0.9%
Christian	14	0.9%
Lewis	14	0.9%
Rowan	14	0.9%
Todd	14	0.9%
Jackson	12	0.7%
Knox	12	0.7%
Boyle	11	0.7%
Carter	11	0.7%
Grant	11	0.7%
Hopkins	11	0.7%
Powell	11	0.7%
Trigg	11	0.7%
Whitley	11	0.7%
Morgan	10	0.6%
Breckinridge	9	0.6%
Graves	9	0.6%
Lawrence	9	0.6%
Letcher	9	0.6%
Mason	9	0.6%
Simpson	9	0.6%
Spencer	9	0.6%
Caldwell	8	0.5%
Fleming	8	0.5%
Livingston	8	0.5%

County	Cases	Percent
Lyon	8	0.5%
Bell	7	0.4%
Crittenden	7	0.4%
Gallatin	7	0.4%
Leslie	7	0.4%
Lincoln	7	0.4%
McLean	7	0.4%
Meade	7	0.4%
Mercer	7	0.4%
Pendleton	7	0.4%
Cumberland	6	0.4%
Grayson	6	0.4%
Harlan	6	0.4%
Hart	6	0.4%
Logan	6	0.4%
Bourbon	5	0.3%
Bracken	5	0.3%
Butler	5	0.3%
Casey	5	0.3%
Knott	5	0.3%
Larue	5	0.3%
Marion	5	0.3%
Metcalfe	5	0.3%
Washington	5	0.3%
Woodford	5	0.3%
Allen	4	0.2%
Calloway	4	0.2%
Estill	4	0.2%
Harrison	4	0.2%
Marshall	4	0.2%

County	Cases	Percent
Owen	4	0.2%
Bath	3	0.2%
Breathitt	3	0.2%
Carroll	3	0.2%
Clay	3	0.2%
Garrard	3	0.2%
Monroe	3	0.2%
Nicholas	3	0.2%
Trimble	3	0.2%
Wayne	3	0.2%
Ballard	2	0.1%
Edmonson	2	0.1%
Elliott	2	0.1%
Martin	2	0.1%
Menifee	2	0.1%
Ohio	2	0.1%
Owsley	2	0.1%
Rockcastle	2	0.1%
Union	2	0.1%
Wolfe	2	0.1%
Hancock	1	0.1%
Johnson	1	0.1%
Lee	1	0.1%
McCreary	1	0.1%
Magoffin	1	0.1%
Webster	1	0.1%
Carlisle	0	0.0%
Fulton	0	0.0%
Hickman	0	0.0%
Robertson	0	0.0%

Total New Cases
1,623

Total Deaths by County

County	Deaths	Percent
Jefferson	1,569	16.1%
Fayette	405	4.1%
Hardin	283	2.9%
Daviess	264	2.7%
Kenton	263	2.7%
Warren	254	2.6%
Hopkins	202	2.1%
Boone	195	2.0%
Pike	181	1.9%
McCracken	176	1.8%
Pulaski	173	1.8%
Madison	160	1.6%
Barren	147	1.5%
Harlan	129	1.3%
Christian	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%
Campbell	100	1.0%
Henderson	99	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%
Taylor	80	0.8%
Boyle	79	0.8%
Franklin	78	0.8%
Marshall	78	0.8%
Mercer	75	0.8%
Adair	73	0.7%
Allen	69	0.7%
Mason	68	0.7%
Letcher	66	0.7%
Hart	63	0.6%
Calloway	60	0.6%
Carter	60	0.6%
Monroe	59	0.6%
Clay	58	0.6%
Lewis	57	0.6%
Russell	56	0.6%
Simpson	56	0.6%
Wayne	56	0.6%
Montgomery	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	47	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%
McLean	40	0.4%
Harrison	39	0.4%
Lawrence	39	0.4%
Meade	37	0.4%
Butler	36	0.4%
Knott	36	0.4%
Webster	36	0.4%
Bourbon	35	0.4%
Crittenden	35	0.4%
Grant	35	0.4%
Martin	35	0.4%
Breckinridge	34	0.3%
Fleming	34	0.3%
Spencer	34	0.3%
Clinton	33	0.3%
Union	32	0.3%
Lee	31	0.3%
Rockcastle	31	0.3%
Todd	31	0.3%
Bath	30	0.3%

County	Deaths	Percent
Green	30	0.3%
Breathitt	29	0.3%
Edmonson	29	0.3%
Henry	29	0.3%
Rowan	28	0.3%
Woodford	28	0.3%
Carroll	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
9,766

Incidence Rates by County

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

County	Rate
Russell	145.1
Green	130.6
Adair	111.6
Clinton	106.3
Powell	57.8
Jackson	55.7
Letcher	49.7
Cumberland	49.7
Anderson	45.8
Lawrence	44.8
Henry	44.3
Lewis	44.1
Taylor	42.7
Carroll	41.7
Grayson	38.9
Owsley	38.8
Rowan	38.0
Greenup	37.4
Trimble	37.1
Gallatin	37.0
Grant	37.0
Floyd	36.9
Lee	36.7
Whitley	35.5
Monroe	33.5
Metcalfe	32.6
Pike	31.6
Breckinridge	31.4
Muhlenberg	31.3
McLean	31.0

County	Rate
Carlisle	30.0
Clark	29.9
Ohio	29.8
Harlan	29.7
Mercer	29.3
Boyd	28.4
McCreary	28.2
Nelson	27.2
Franklin	27.2
Caldwell	26.9
Marion	26.7
Hardin	26.4
Trigg	26.3
Owen	26.2
Leslie	26.0
Crittenden	26.0
Boone	25.6
Carter	25.1
Harrison	25.0
Perry	25.0
Jessamine	24.8
Daviess	24.8
Martin	24.2
Boyle	24.2
Bell	24.1
Fulton	23.9
Simpson	23.8
Shelby	23.6
Jefferson	23.6
Butler	23.3

County	Rate
Elliott	22.8
Hopkins	22.7
Logan	22.7
Johnson	21.9
Spencer	21.4
Estill	21.3
Magoffin	21.1
Hart	21.0
Barren	21.0
Kenton	21.0
Bourbon	20.2
Graves	19.9
Henderson	19.9
Lincoln	19.8
Pendleton	19.6
Bullitt	19.4
Lyon	19.1
Fayette	19.0
Warren	18.9
Knox	18.8
Madison	18.7
Campbell	18.6
Garrard	18.6
Breathitt	18.1
Rockcastle	17.1
Woodford	17.1
Pulaski	16.9
Allen	16.8
Scott	16.5
Hancock	16.4

County	Rate
Ballard	16.3
Casey	15.9
Mason	15.9
Oldham	15.4
Washington	14.2
Wayne	14.1
Wolfe	14.0
Bracken	13.8
Robertson	13.6
McCracken	13.3
Edmonson	12.9
Laurel	12.9
Fleming	12.7
Bath	12.6
Knott	12.5
Christian	12.4
Larue	11.9
Webster	11.0
Marshall	11.0
Clay	10.0
Meade	10.0
Nicholas	7.9
Menifee	6.6
Calloway	6.6
Hickman	6.5
Morgan	6.4
Todd	5.8
Montgomery	5.6
Union	4.0
Livingston	3.1

Current Overall Incidence Rate
24.01 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.