

KY COVID-19 Report 31MAR21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	426,876	324,813	102,063
Deaths	6,090	5,505	585
New Cases	815	495	320
New Cases 18 and Under	141	86	55
New Deaths	22	19	3
New Audit Deaths	3	3	0
Total New Deaths	25	22	3

12 duplicates and records not meeting case criteria removed since last report

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
18,340	4.3%	0-9	0.0%	1
45,271	10.6%	10-19	0.0%	1
77,237	18.1%	20-29	0.1%	5
65,828	15.4%	30-39	0.6%	35
64,430	15.1%	40-49	1.6%	100
61,890	14.5%	50-59	5.9%	357
47,460	11.1%	60-69	17.1%	1,040
28,248	6.6%	70-79	27.8%	1,692
17,957	4.2%	80+	46.9%	2,859
215	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
865	0.2%	American Indian	0.1%	5
3,828	1.1%	Asian	0.5%	27
28,224	8.0%	Black	8.1%	465
377	0.1%	Pacific Islander	0.0%	2
302,549	85.7%	White	88.8%	5,094
17,217	4.9%	Multiracial	2.5%	141

Cases	Case Percent	Ethnicity	Death Percent	Deaths
18,314	5.5%	Hispanic	1.5%	83
316,297	94.5%	Non-Hispanic	98.5%	5,420

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 82.7% of cases and 94.2% of deaths
Ethnicity known for 78.4% of cases and 90.4% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,296	10.8%
Deaths	2,377	39.0%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,817	61,472	2.96%

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
4,949,269	4,209,471	114,048	625,750	313,873	262,962	10,866	40,045

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	20,641	4.84%
Ever ICU	4,258	1.00%
Recovered	49,678	11.64%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	413
ICU	110
On Ventilator	48

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,060	5,242	60.6%
ICU Beds	1,046	757	58.0%
Ventilators	469	1,287	26.7%

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	8	3	0	1.0%	2.9%	0.0%	51.26%	51.96%	13.13%
Region 2	22	7	4	2.7%	5.7%	4.8%	49.27%	40.98%	15.66%
Region 3	173	39	17	4.5%	7.5%	3.9%	63.04%	57.58%	29.82%
Region 4	34	6	6	4.0%	5.6%	5.4%	52.35%	62.96%	14.29%
Region 5	74	12	7	2.7%	2.9%	1.4%	67.38%	62.26%	36.23%
Region 6	16	10	2	1.2%	5.7%	1.9%	64.81%	36.57%	43.27%
Region 7	14	2	2	2.2%	3.1%	1.7%	63.96%	60.94%	8.26%
Region 8	41	15	8	3.4%	11.0%	5.5%	53.05%	80.88%	25.52%
Region 9	21	6	0	3.2%	5.3%	0.0%	64.11%	54.39%	10.89%
Region 10	10	10	2	2.1%	22.2%	3.3%	49.58%	91.11%	24.59%

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 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

Total Cases by County

County	Cases	Percent
Jefferson	76,440	17.9%
Fayette	34,153	8.0%
Kenton	15,677	3.7%
Warren	15,159	3.6%
Boone	13,196	3.1%
Daviess	10,174	2.4%
Hardin	9,277	2.2%
Madison	9,003	2.1%
Campbell	8,164	1.9%
Oldham	7,310	1.7%
Bullitt	6,805	1.6%
Christian	6,499	1.5%
Laurel	6,286	1.5%
McCracken	6,161	1.4%
Pulaski	6,041	1.4%
Pike	5,358	1.3%
Boyd	4,773	1.1%
Nelson	4,740	1.1%
Scott	4,633	1.1%
Whitley	4,572	1.1%
Henderson	4,495	1.1%
Shelby	4,481	1.0%
Jessamine	4,371	1.0%
Barren	4,244	1.0%
Hopkins	4,221	1.0%
Graves	4,046	0.9%
Franklin	3,868	0.9%
Calloway	3,442	0.8%
Greenup	3,436	0.8%
Boyle	3,279	0.8%

County	Cases	Percent
Knox	3,248	0.8%
Floyd	3,186	0.7%
Taylor	2,945	0.7%
Bell	2,944	0.7%
Muhlenberg	2,856	0.7%
Marshall	2,653	0.6%
Logan	2,644	0.6%
Clark	2,622	0.6%
Clay	2,581	0.6%
Harlan	2,555	0.6%
Perry	2,524	0.6%
Mercer	2,457	0.6%
Montgomery	2,430	0.6%
Ohio	2,385	0.6%
Marion	2,210	0.5%
Lincoln	2,188	0.5%
Grant	2,178	0.5%
Carter	2,152	0.5%
Wayne	2,128	0.5%
Morgan	2,108	0.5%
Rowan	2,098	0.5%
Woodford	2,074	0.5%
Grayson	2,052	0.5%
Meade	1,937	0.5%
Allen	1,927	0.5%
Hart	1,910	0.4%
Simpson	1,901	0.4%
McCreary	1,879	0.4%
Johnson	1,855	0.4%
Russell	1,780	0.4%

County	Cases	Percent
Adair	1,774	0.4%
Letcher	1,774	0.4%
Anderson	1,684	0.4%
Bourbon	1,619	0.4%
Harrison	1,603	0.4%
Lyon	1,583	0.4%
Spencer	1,522	0.4%
Mason	1,509	0.4%
Garrard	1,461	0.3%
Rockcastle	1,417	0.3%
Clinton	1,411	0.3%
Washington	1,395	0.3%
Butler	1,387	0.3%
Lawrence	1,342	0.3%
Caldwell	1,303	0.3%
Union	1,300	0.3%
Henry	1,293	0.3%
Monroe	1,279	0.3%
Larue	1,274	0.3%
Jackson	1,273	0.3%
Lee	1,248	0.3%
Casey	1,242	0.3%
Webster	1,194	0.3%
Trigg	1,161	0.3%
Green	1,159	0.3%
Breckinridge	1,144	0.3%
Lewis	1,134	0.3%
Fleming	1,119	0.3%
Knott	1,117	0.3%
Powell	1,081	0.3%

County	Cases	Percent
Estill	1,037	0.2%
Todd	1,036	0.2%
Metcalfe	995	0.2%
Martin	985	0.2%
Pendleton	985	0.2%
Breathitt	976	0.2%
Carroll	965	0.2%
Elliott	943	0.2%
Magoffin	894	0.2%
Leslie	863	0.2%
Edmonson	862	0.2%
McLean	857	0.2%
Hancock	837	0.2%
Bath	821	0.2%
Livingston	788	0.2%
Gallatin	683	0.2%
Cumberland	677	0.2%
Trimble	649	0.2%
Owen	639	0.1%
Crittenden	593	0.1%
Bracken	541	0.1%
Nicholas	496	0.1%
Fulton	493	0.1%
Owsley	481	0.1%
Wolfe	465	0.1%
Carlisle	452	0.1%
Menifee	419	0.1%
Ballard	376	0.1%
Hickman	345	0.1%
Robertson	199	0.0%

Total Cases
426,876

New Cases by County

County	Cases	Percent
Jefferson	112	13.7%
Fayette	63	7.7%
Warren	41	5.0%
Scott	31	3.8%
Boone	28	3.4%
Daviess	27	3.3%
Kenton	24	2.9%
Clinton	21	2.6%
Pulaski	19	2.3%
Laurel	18	2.2%
Oldham	15	1.8%
Bullitt	14	1.7%
Hopkins	14	1.7%
Whitley	13	1.6%
Perry	12	1.5%
Knox	11	1.3%
Hardin	10	1.2%
Harlan	10	1.2%
Marshall	10	1.2%
Simpson	10	1.2%
Christian	9	1.1%
McCracken	9	1.1%
Madison	9	1.1%
Powell	9	1.1%
Carroll	8	1.0%
Henderson	8	1.0%
Jessamine	8	1.0%
Allen	7	0.9%
Bell	7	0.9%
Campbell	7	0.9%

County	Cases	Percent
Grant	7	0.9%
Letcher	7	0.9%
McCreary	7	0.9%
Franklin	6	0.7%
Greenup	6	0.7%
Harrison	6	0.7%
Morgan	6	0.7%
Muhlenberg	6	0.7%
Wayne	6	0.7%
Anderson	5	0.6%
Boyle	5	0.6%
Clay	5	0.6%
Hart	5	0.6%
Johnson	5	0.6%
Lawrence	5	0.6%
Mason	5	0.6%
Nelson	5	0.6%
Rowan	5	0.6%
Russell	5	0.6%
Barren	4	0.5%
Boyd	4	0.5%
Butler	4	0.5%
Estill	4	0.5%
Floyd	4	0.5%
Graves	4	0.5%
Grayson	4	0.5%
Knott	4	0.5%
Lee	4	0.5%
Lewis	4	0.5%
Metcalfe	4	0.5%

County	Cases	Percent
Owsley	4	0.5%
Woodford	4	0.5%
Caldwell	3	0.4%
Calloway	3	0.4%
Carter	3	0.4%
Green	3	0.4%
Henry	3	0.4%
Leslie	3	0.4%
Martin	3	0.4%
Nicholas	3	0.4%
Ballard	2	0.2%
Breckinridge	2	0.2%
Fleming	2	0.2%
Fulton	2	0.2%
Garrard	2	0.2%
Lincoln	2	0.2%
Livingston	2	0.2%
McLean	2	0.2%
Meade	2	0.2%
Shelby	2	0.2%
Taylor	2	0.2%
Webster	2	0.2%
Adair	1	0.1%
Bourbon	1	0.1%
Bracken	1	0.1%
Breathitt	1	0.1%
Clark	1	0.1%
Cumberland	1	0.1%
Edmonson	1	0.1%
Gallatin	1	0.1%

County	Cases	Percent
Larue	1	0.1%
Logan	1	0.1%
Lyon	1	0.1%
Magoffin	1	0.1%
Mercer	1	0.1%
Montgomery	1	0.1%
Owen	1	0.1%
Pendleton	1	0.1%
Pike	1	0.1%
Robertson	1	0.1%
Rockcastle	1	0.1%
Spencer	1	0.1%
Todd	1	0.1%
Trimble	1	0.1%
Union	1	0.1%
Wolfe	1	0.1%
Bath	0	0.0%
Carlisle	0	0.0%
Casey	0	0.0%
Crittenden	0	0.0%
Elliott	0	0.0%
Hancock	0	0.0%
Hickman	0	0.0%
Jackson	0	0.0%
Marion	0	0.0%
Menifee	0	0.0%
Monroe	0	0.0%
Ohio	0	0.0%
Trigg	0	0.0%
Washington	0	0.0%

Total New Cases
815

Total Deaths by County

County	Deaths	Percent
Jefferson	1,091	17.9%
Fayette	275	4.5%
Daviess	172	2.8%
Kenton	162	2.7%
Warren	161	2.6%
Hardin	143	2.3%
Hopkins	137	2.2%
McCracken	116	1.9%
Boone	108	1.8%
Madison	107	1.8%
Christian	98	1.6%
Pulaski	92	1.5%
Graves	90	1.5%
Barren	85	1.4%
Pike	83	1.4%
Oldham	80	1.3%
Harlan	78	1.3%
Bullitt	70	1.1%
Boyd	68	1.1%
Campbell	68	1.1%
Shelby	68	1.1%
Henderson	66	1.1%
Boyle	65	1.1%
Logan	61	1.0%
Perry	61	1.0%
Floyd	60	1.0%
Jessamine	60	1.0%
Laurel	56	0.9%
Muhlenberg	56	0.9%
Marshall	54	0.9%

County	Deaths	Percent
Adair	53	0.9%
Ohio	52	0.9%
Grayson	51	0.8%
Greenup	50	0.8%
Nelson	50	0.8%
Bell	49	0.8%
Calloway	47	0.8%
Whitley	47	0.8%
Hart	45	0.7%
Lincoln	45	0.7%
Mercer	45	0.7%
Franklin	44	0.7%
Russell	42	0.7%
Wayne	42	0.7%
Taylor	41	0.7%
Letcher	40	0.7%
Monroe	40	0.7%
Clay	36	0.6%
Washington	36	0.6%
Marion	35	0.6%
Casey	34	0.6%
Simpson	34	0.6%
Mason	33	0.5%
Allen	32	0.5%
Scott	32	0.5%
Carter	31	0.5%
Garrard	31	0.5%
Jackson	31	0.5%
Knox	31	0.5%
Lewis	31	0.5%

County	Deaths	Percent
Johnson	30	0.5%
Montgomery	30	0.5%
Caldwell	29	0.5%
Clinton	29	0.5%
McCreary	29	0.5%
Clark	28	0.5%
McLean	26	0.4%
Gallatin	25	0.4%
Larue	25	0.4%
Metcalfe	25	0.4%
Butler	24	0.4%
Todd	24	0.4%
Knott	22	0.4%
Lee	22	0.4%
Meade	22	0.4%
Edmonson	21	0.3%
Harrison	21	0.3%
Bath	20	0.3%
Fleming	20	0.3%
Lawrence	20	0.3%
Livingston	20	0.3%
Martin	20	0.3%
Crittenden	19	0.3%
Lyon	19	0.3%
Webster	19	0.3%
Anderson	18	0.3%
Rockcastle	18	0.3%
Woodford	18	0.3%
Carroll	17	0.3%
Rowan	17	0.3%

County	Deaths	Percent
Spencer	17	0.3%
Grant	16	0.3%
Green	15	0.2%
Hancock	15	0.2%
Menifee	15	0.2%
Bourbon	14	0.2%
Fulton	14	0.2%
Magoffin	14	0.2%
Robertson	14	0.2%
Trigg	14	0.2%
Union	14	0.2%
Breckinridge	13	0.2%
Owen	12	0.2%
Owsley	12	0.2%
Estill	11	0.2%
Henry	10	0.2%
Hickman	10	0.2%
Cumberland	9	0.1%
Ballard	8	0.1%
Breathitt	8	0.1%
Carlisle	8	0.1%
Nicholas	8	0.1%
Powell	8	0.1%
Bracken	7	0.1%
Trimble	7	0.1%
Leslie	6	0.1%
Wolfe	5	0.1%
Morgan	3	0.0%
Pendleton	3	0.0%
Elliott	2	0.0%

Total Deaths
6,090

Incidence Rates by County

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

County	Rate
Owsley	38.8
Powell	37.0
Harlan	36.2
McCreary	34.0
Simpson	33.1
Lee	30.9
Lyon	26.1
Whitley	26.0
Martin	23.0
Knox	22.9
Perry	21.6
Bell	19.2
Caldwell	19.1
Lawrence	18.7
Clay	17.9
Carter	17.1
Allen	16.8
Hopkins	16.6
Floyd	16.1
Laurel	16.0
Breathitt	15.8
Christian	15.8
Russell	15.1
Cumberland	15.1
Daviess	14.5
Boyle	14.3
Wayne	14.1
Morgan	14.0
Warren	13.4
Rowan	13.4

County	Rate
Woodford	13.4
Grant	13.1
Mercer	13.0
Todd	12.8
Montgomery	12.7
Adair	12.6
Knott	12.5
Fayette	12.4
Barren	12.3
Monroe	12.1
Henderson	12.0
Leslie	11.6
Carroll	10.8
Henry	10.6
Letcher	10.6
Madison	10.4
Jefferson	10.4
Pike	10.4
Oldham	10.3
Metcalfe	9.9
Kenton	9.9
Boone	9.7
Marion	9.6
Taylor	9.4
Greenup	9.4
Bullitt	9.3
Jessamine	9.2
Pulaski	9.2
Estill	9.1
Logan	9.0

County	Rate
Union	8.9
Menifee	8.8
Lewis	8.6
Trimble	8.4
Clinton	8.4
Hardin	8.4
Scott	8.3
Marshall	8.3
Boyd	8.3
Edmonson	8.2
Grayson	8.1
Muhlenberg	7.9
Butler	7.8
McLean	7.8
Webster	7.7
Elliott	7.6
Lincoln	7.6
Anderson	7.5
Clark	7.5
Ohio	7.1
Washington	7.1
Campbell	7.0
Franklin	7.0
Fleming	6.9
Robertson	6.8
Hart	6.8
Owen	6.6
Hancock	6.6
Green	6.5
Meade	6.5

County	Rate
McCracken	6.3
Casey	6.2
Nelson	6.2
Rockcastle	6.0
Wolfe	6.0
Spencer	5.9
Mason	5.9
Bourbon	5.8
Bath	5.7
Garrard	5.7
Graves	5.4
Jackson	5.4
Bracken	5.2
Larue	5.0
Trigg	4.9
Crittenden	4.9
Magoffin	4.7
Harrison	4.5
Breckinridge	4.2
Nicholas	3.9
Pendleton	3.9
Shelby	3.8
Johnson	3.2
Livingston	3.1
Calloway	2.6
Fulton	2.4
Ballard	1.8
Gallatin	1.6
Carlisle	0.0
Hickman	0.0

Current Overall Incidence Rate
10.96 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.