

KY COVID-19 Report 31MAY21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	458,575	344,981	113,594
Deaths	6,806	6,116	690
New Cases	96	69	27
New Cases 18 and Under	17	13	4
New Deaths	3	3	0
New Audit Deaths	1	0	1
Total New Deaths	4	3	1

Duplicates and records not meeting case criteria removed since last report: 0

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
20,445	4.5%	0-9	0.0%	1
50,065	10.9%	10-19	0.0%	1
83,118	18.1%	20-29	0.1%	7
70,886	15.5%	30-39	0.5%	36
69,101	15.1%	40-49	1.8%	125
66,117	14.4%	50-59	6.1%	415
50,235	11.0%	60-69	17.1%	1,161
29,643	6.5%	70-79	27.8%	1,893
18,738	4.1%	80+	46.5%	3,167
227	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
945	0.2%	American Indian	0.1%	7
4,230	1.1%	Asian	0.5%	30
31,874	8.3%	Black	8.0%	518
377	0.1%	Pacific Islander	0.0%	3
329,303	85.3%	White	88.9%	5,764
19,198	5.0%	Multiracial	2.5%	160

Cases	Case Percent	Ethnicity	Death Percent	Deaths
20,175	5.5%	Hispanic	1.5%	96
346,296	94.5%	Non-Hispanic	98.5%	6,139

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.2% of cases and 95.2% of deaths
Ethnicity known for 79.9% of cases and 91.6% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,684	10.2%
Deaths	2,399	35.2%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
876	35,478	2.47%

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
6,634,968	5,338,507	306,830	900,480	556,866	407,083	31,407	118,376

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	22,796	4.97%
Ever ICU	4,644	1.01%
Recovered	52,792	11.51%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	314
ICU	93
On Ventilator	48

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,876	5,279	59.9%
ICU Beds	1,033	782	56.9%
Ventilators	438	1,286	25.4%

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	14	10	1	1.8%	9.8%	1.0%	48.48%	61.76%	12.12%
Region 2	20	7	4	2.4%	5.7%	4.5%	53.03%	60.66%	21.35%
Region 3	114	28	19	3.1%	5.3%	4.4%	64.12%	55.72%	33.72%
Region 4	7	3	2	0.8%	2.8%	1.8%	46.71%	53.70%	10.71%
Region 5	70	24	15	2.5%	5.8%	3.0%	67.96%	62.74%	34.84%
Region 6	21	1	1	1.6%	0.6%	1.9%	58.06%	26.86%	25.00%
Region 7	15	2	1	2.4%	3.1%	0.8%	63.16%	64.06%	6.67%
Region 8	20	6	3	1.7%	4.4%	2.0%	61.74%	80.15%	21.77%
Region 9	24	8	2	3.6%	7.0%	2.0%	50.90%	46.49%	7.92%
Region 10	9	4	0	1.9%	8.9%	0.0%	42.83%	66.67%	16.67%

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	82,201	17.9%
Fayette	36,181	7.9%
Kenton	16,697	3.6%
Warren	16,147	3.5%
Boone	14,236	3.1%
Daviess	10,919	2.4%
Hardin	9,844	2.1%
Madison	9,442	2.1%
Campbell	8,651	1.9%
Oldham	7,667	1.7%
Bullitt	7,340	1.6%
Christian	6,984	1.5%
McCracken	6,836	1.5%
Laurel	6,831	1.5%
Pulaski	6,574	1.4%
Pike	5,642	1.2%
Whitley	5,098	1.1%
Scott	5,080	1.1%
Boyd	5,066	1.1%
Nelson	4,970	1.1%
Henderson	4,924	1.1%
Shelby	4,802	1.0%
Jessamine	4,752	1.0%
Hopkins	4,558	1.0%
Barren	4,475	1.0%
Graves	4,267	0.9%
Franklin	4,120	0.9%
Greenup	3,659	0.8%
Calloway	3,543	0.8%
Floyd	3,462	0.8%

County	Cases	Percent
Boyle	3,459	0.8%
Knox	3,343	0.7%
Taylor	3,203	0.7%
Bell	3,140	0.7%
Muhlenberg	3,019	0.7%
Clark	2,973	0.6%
Harlan	2,901	0.6%
Logan	2,881	0.6%
Marshall	2,861	0.6%
Montgomery	2,808	0.6%
Perry	2,696	0.6%
Clay	2,684	0.6%
Mercer	2,603	0.6%
Ohio	2,493	0.5%
Grant	2,430	0.5%
Lincoln	2,367	0.5%
Marion	2,352	0.5%
Carter	2,310	0.5%
Morgan	2,293	0.5%
Rowan	2,289	0.5%
Grayson	2,223	0.5%
Wayne	2,223	0.5%
Woodford	2,165	0.5%
Simpson	2,128	0.5%
Allen	2,097	0.5%
Meade	2,062	0.4%
Johnson	2,061	0.4%
McCreary	2,024	0.4%
Hart	2,005	0.4%
Adair	1,949	0.4%

County	Cases	Percent
Letcher	1,935	0.4%
Russell	1,890	0.4%
Anderson	1,759	0.4%
Bourbon	1,731	0.4%
Harrison	1,724	0.4%
Mason	1,723	0.4%
Spencer	1,629	0.4%
Rockcastle	1,608	0.4%
Garrard	1,549	0.3%
Lyon	1,546	0.3%
Casey	1,485	0.3%
Lawrence	1,471	0.3%
Butler	1,470	0.3%
Caldwell	1,463	0.3%
Washington	1,454	0.3%
Clinton	1,450	0.3%
Union	1,418	0.3%
Henry	1,381	0.3%
Lewis	1,354	0.3%
Larue	1,349	0.3%
Monroe	1,340	0.3%
Webster	1,340	0.3%
Trigg	1,336	0.3%
Powell	1,329	0.3%
Jackson	1,324	0.3%
Breckinridge	1,295	0.3%
Lee	1,289	0.3%
Green	1,230	0.3%
Fleming	1,212	0.3%
Todd	1,172	0.3%

County	Cases	Percent
Knott	1,149	0.3%
Estill	1,140	0.2%
Metcalfe	1,051	0.2%
Martin	1,041	0.2%
Bath	1,037	0.2%
Pendleton	1,037	0.2%
Breathitt	1,034	0.2%
Carroll	1,029	0.2%
Magoffin	1,010	0.2%
Elliott	967	0.2%
Leslie	935	0.2%
Edmonson	918	0.2%
McLean	896	0.2%
Hancock	895	0.2%
Livingston	866	0.2%
Owen	722	0.2%
Gallatin	719	0.2%
Cumberland	703	0.2%
Trimble	693	0.2%
Crittenden	674	0.1%
Bracken	652	0.1%
Nicholas	559	0.1%
Fulton	535	0.1%
Wolfe	535	0.1%
Owsley	504	0.1%
Carlisle	482	0.1%
Menifee	480	0.1%
Ballard	409	0.1%
Hickman	394	0.1%
Robertson	234	0.1%

Total Cases
458,575

New Cases by County

County	Cases	Percent
Jefferson	19	19.8%
Franklin	7	7.3%
Fayette	5	5.2%
Carroll	4	4.2%
Laurel	4	4.2%
Hardin	3	3.1%
Hopkins	3	3.1%
Mercer	3	3.1%
Woodford	3	3.1%
Boyd	2	2.1%
Floyd	2	2.1%
Graves	2	2.1%
Jessamine	2	2.1%
Kenton	2	2.1%
McCracken	2	2.1%
Pike	2	2.1%
Pulaski	2	2.1%
Shelby	2	2.1%
Taylor	2	2.1%
Bath	1	1.0%
Boone	1	1.0%
Boyle	1	1.0%
Breckinridge	1	1.0%
Clark	1	1.0%
Daviess	1	1.0%
Estill	1	1.0%
Greenup	1	1.0%
Henry	1	1.0%
Hickman	1	1.0%
Johnson	1	1.0%

County	Cases	Percent
Knox	1	1.0%
Larue	1	1.0%
Lincoln	1	1.0%
McLean	1	1.0%
Madison	1	1.0%
Mason	1	1.0%
Morgan	1	1.0%
Muhlenberg	1	1.0%
Nelson	1	1.0%
Oldham	1	1.0%
Owsley	1	1.0%
Perry	1	1.0%
Union	1	1.0%
Warren	1	1.0%
Adair	0	0.0%
Allen	0	0.0%
Anderson	0	0.0%
Ballard	0	0.0%
Barren	0	0.0%
Bell	0	0.0%
Bourbon	0	0.0%
Bracken	0	0.0%
Breathitt	0	0.0%
Bullitt	0	0.0%
Butler	0	0.0%
Caldwell	0	0.0%
Calloway	0	0.0%
Campbell	0	0.0%
Carlisle	0	0.0%
Carter	0	0.0%

County	Cases	Percent
Casey	0	0.0%
Christian	0	0.0%
Clay	0	0.0%
Clinton	0	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Elliott	0	0.0%
Fleming	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Garrard	0	0.0%
Grant	0	0.0%
Grayson	0	0.0%
Green	0	0.0%
Hancock	0	0.0%
Harlan	0	0.0%
Harrison	0	0.0%
Hart	0	0.0%
Henderson	0	0.0%
Jackson	0	0.0%
Knott	0	0.0%
Lawrence	0	0.0%
Lee	0	0.0%
Leslie	0	0.0%
Letcher	0	0.0%
Lewis	0	0.0%
Livingston	0	0.0%
Logan	0	0.0%
Lyon	0	0.0%

County	Cases	Percent
McCreary	0	0.0%
Magoffin	0	0.0%
Marion	0	0.0%
Marshall	0	0.0%
Martin	0	0.0%
Meade	0	0.0%
Menifee	0	0.0%
Metcalfe	0	0.0%
Monroe	0	0.0%
Montgomery	0	0.0%
Nicholas	0	0.0%
Ohio	0	0.0%
Owen	0	0.0%
Pendleton	0	0.0%
Powell	0	0.0%
Robertson	0	0.0%
Rockcastle	0	0.0%
Rowan	0	0.0%
Russell	0	0.0%
Scott	0	0.0%
Simpson	0	0.0%
Spencer	0	0.0%
Todd	0	0.0%
Trigg	0	0.0%
Trimble	0	0.0%
Washington	0	0.0%
Wayne	0	0.0%
Webster	0	0.0%
Whitley	0	0.0%
Wolfe	0	0.0%

Total New Cases
96

Total Deaths by County

County	Deaths	Percent
Jefferson	1,218	17.9%
Fayette	308	4.5%
Daviess	189	2.8%
Kenton	179	2.6%
Warren	174	2.6%
Hardin	160	2.4%
Hopkins	146	2.1%
McCracken	128	1.9%
Boone	127	1.9%
Madison	111	1.6%
Christian	105	1.5%
Pulaski	104	1.5%
Pike	103	1.5%
Barren	94	1.4%
Graves	93	1.4%
Harlan	85	1.2%
Oldham	83	1.2%
Bullitt	77	1.1%
Henderson	76	1.1%
Boyd	75	1.1%
Laurel	75	1.1%
Boyle	73	1.1%
Shelby	72	1.1%
Campbell	71	1.0%
Floyd	69	1.0%
Logan	68	1.0%
Muhlenberg	66	1.0%
Perry	66	1.0%
Jessamine	65	1.0%
Greenup	61	0.9%

County	Deaths	Percent
Marshall	57	0.8%
Nelson	57	0.8%
Whitley	57	0.8%
Bell	56	0.8%
Grayson	55	0.8%
Adair	54	0.8%
Ohio	54	0.8%
Lincoln	53	0.8%
Mercer	51	0.7%
Calloway	50	0.7%
Taylor	50	0.7%
Hart	49	0.7%
Franklin	48	0.7%
Wayne	48	0.7%
Clay	45	0.7%
Letcher	45	0.7%
Monroe	44	0.6%
Russell	44	0.6%
Allen	42	0.6%
Simpson	40	0.6%
Lewis	39	0.6%
Knox	38	0.6%
Marion	38	0.6%
Mason	37	0.5%
Washington	37	0.5%
Garrard	36	0.5%
Carter	35	0.5%
Johnson	35	0.5%
Casey	34	0.5%
Scott	34	0.5%

County	Deaths	Percent
McCreary	33	0.5%
Caldwell	32	0.5%
Jackson	32	0.5%
Clark	31	0.5%
Clinton	31	0.5%
Gallatin	30	0.4%
Montgomery	30	0.4%
McLean	27	0.4%
Metcalfe	27	0.4%
Larue	26	0.4%
Lee	26	0.4%
Todd	26	0.4%
Butler	25	0.4%
Harrison	25	0.4%
Lawrence	25	0.4%
Meade	25	0.4%
Edmonson	24	0.4%
Fleming	24	0.4%
Spencer	24	0.4%
Anderson	23	0.3%
Crittenden	23	0.3%
Knott	23	0.3%
Rockcastle	23	0.3%
Bath	22	0.3%
Livingston	22	0.3%
Woodford	21	0.3%
Lyon	20	0.3%
Martin	20	0.3%
Rowan	20	0.3%
Webster	20	0.3%

County	Deaths	Percent
Bourbon	19	0.3%
Carroll	19	0.3%
Grant	19	0.3%
Henry	18	0.3%
Magoffin	17	0.2%
Menifee	17	0.2%
Breckinridge	16	0.2%
Green	16	0.2%
Owsley	16	0.2%
Hancock	15	0.2%
Trigg	15	0.2%
Union	15	0.2%
Fulton	14	0.2%
Robertson	14	0.2%
Owen	13	0.2%
Powell	13	0.2%
Hickman	12	0.2%
Cumberland	11	0.2%
Estill	11	0.2%
Ballard	9	0.1%
Breathitt	9	0.1%
Carlisle	9	0.1%
Leslie	8	0.1%
Nicholas	8	0.1%
Bracken	7	0.1%
Trimble	7	0.1%
Wolfe	6	0.1%
Pendleton	5	0.1%
Morgan	3	0.0%
Elliott	2	0.0%

Total Deaths
6,806

Incidence Rates by County

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

County	Rate
Webster	37.5
Union	21.9
Harlan	15.9
Casey	15.9
Todd	15.1
Whitley	14.6
Leslie	14.5
Owen	14.4
Rowan	14.0
Owsley	12.9
Bath	12.6
Laurel	12.5
Montgomery	12.2
Carroll	12.1
Rockcastle	12.0
Adair	11.9
Henderson	11.4
Estill	11.1
Morgan	10.7
Graves	10.7
Muhlenberg	10.7
Bell	9.9
Clark	9.8
Knox	9.6
Powell	9.2
Perry	8.9
Boyd	8.6
Lincoln	8.1
Greenup	8.1
Franklin	8.1

County	Rate
Taylor	7.8
Pulaski	7.5
Marion	7.4
Meade	7.0
Daviess	6.9
Robertson	6.8
Hancock	6.6
Hickman	6.5
Gallatin	6.4
Harrison	6.1
Grayson	5.9
Woodford	5.9
Mercer	5.9
Mason	5.9
Hopkins	5.8
Madison	5.7
Garrard	5.7
Jessamine	5.5
Fayette	5.4
Monroe	5.4
Spencer	5.2
Martin	5.1
Jefferson	4.9
Logan	4.7
Pike	4.7
Lawrence	4.7
McLean	4.7
Nelson	4.6
Warren	4.6
Grant	4.6

County	Rate
Scott	4.5
Henry	4.4
Anderson	4.4
Bullitt	4.4
Bourbon	4.3
Cumberland	4.3
Jackson	4.3
Boone	4.3
Metcalfe	4.3
Hardin	4.2
McCreary	4.1
Marshall	4.1
Letcher	4.0
Larue	4.0
Fleming	3.9
Trigg	3.9
Lee	3.9
Elliott	3.8
McCracken	3.7
Kenton	3.7
Ballard	3.6
Edmonson	3.5
Shelby	3.5
Caldwell	3.4
Lewis	3.2
Johnson	3.2
Russell	3.2
Livingston	3.1
Christian	2.8
Floyd	2.8

County	Rate
Allen	2.7
Green	2.6
Calloway	2.6
Ohio	2.4
Boyle	2.4
Simpson	2.3
Hart	2.3
Menifee	2.2
Clay	2.2
Breckinridge	2.1
Bracken	1.7
Oldham	1.7
Campbell	1.7
Carter	1.6
Wayne	1.4
Washington	1.2
Magoffin	1.2
Breathitt	1.1
Butler	1.1
Barren	1.0
Knott	1.0
Carlisle	0.0
Clinton	0.0
Crittenden	0.0
Fulton	0.0
Lyon	0.0
Nicholas	0.0
Pendleton	0.0
Trimble	0.0
Wolfe	0.0

Current Overall Incidence Rate
5.57 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.