

KY COVID-19 Report 04MAY21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	446,221	337,001	109,220
Deaths	6,532	5,895	637
New Cases	776	428	348
New Cases 18 and Under	153	74	79
New Deaths	7	7	0
New Audit Deaths	0	.	.
Total New Deaths	7	7	0

Duplicates and records not meeting case criteria removed since last report: 4

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
19,591	4.4%	0-9	0.0%	1
48,190	10.8%	10-19	0.0%	1
80,864	18.1%	20-29	0.1%	5
68,901	15.4%	30-39	0.5%	35
67,343	15.1%	40-49	1.7%	113
64,460	14.4%	50-59	6.0%	389
49,145	11.0%	60-69	17.0%	1,113
29,084	6.5%	70-79	27.6%	1,806
18,419	4.1%	80+	47.0%	3,069
224	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
913	0.2%	American Indian	0.1%	6
4,107	1.1%	Asian	0.5%	29
30,356	8.1%	Black	8.1%	499
377	0.1%	Pacific Islander	0.0%	3
319,032	85.5%	White	88.9%	5,503
18,454	4.9%	Multiracial	2.4%	151

Cases	Case Percent	Ethnicity	Death Percent	Deaths
19,480	5.5%	Hispanic	1.5%	91
334,661	94.5%	Non-Hispanic	98.5%	5,857

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.6% of cases and 94.8% of deaths
Ethnicity known for 79.4% of cases and 91.1% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,558	10.4%
Deaths	2,391	36.6%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,792	51,582	3.47%

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
5,585,074	4,663,000	124,985	797,089	342,461	281,539	12,282	48,640

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	22,019	4.93%
Ever ICU	4,515	1.01%
Recovered	51,602	11.56%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	434
ICU	102
On Ventilator	48

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,945	5,210	60.4%
ICU Beds	1,042	773	57.4%
Ventilators	450	1,317	25.5%

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	15	5	1	1.9%	4.9%	1.0%	50.51%	48.04%	3.03%
Region 2	27	7	5	3.3%	5.7%	5.9%	48.06%	45.90%	15.29%
Region 3	171	29	18	4.7%	5.4%	4.1%	63.99%	57.97%	33.94%
Region 4	22	5	3	2.6%	4.6%	2.7%	47.89%	63.89%	17.86%
Region 5	96	20	9	3.5%	4.8%	1.8%	66.37%	62.02%	33.94%
Region 6	23	6	1	1.8%	3.4%	1.0%	66.98%	41.71%	31.07%
Region 7	15	7	0	2.4%	10.9%	0.0%	64.27%	71.88%	8.94%
Region 8	38	12	7	3.2%	8.8%	4.7%	55.39%	72.79%	18.12%
Region 9	21	5	2	3.2%	4.4%	2.0%	60.36%	42.11%	7.92%
Region 10	6	6	2	1.3%	13.3%	3.3%	47.89%	77.78%	31.15%

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	79,799	17.9%
Fayette	35,451	7.9%
Kenton	16,180	3.6%
Warren	15,858	3.6%
Boone	13,787	3.1%
Daviess	10,664	2.4%
Hardin	9,640	2.2%
Madison	9,288	2.1%
Campbell	8,357	1.9%
Oldham	7,542	1.7%
Bullitt	7,198	1.6%
Christian	6,888	1.5%
Laurel	6,631	1.5%
McCracken	6,533	1.5%
Pulaski	6,271	1.4%
Pike	5,529	1.2%
Boyd	4,923	1.1%
Whitley	4,908	1.1%
Nelson	4,895	1.1%
Scott	4,895	1.1%
Henderson	4,741	1.1%
Shelby	4,676	1.0%
Jessamine	4,571	1.0%
Barren	4,446	1.0%
Hopkins	4,443	1.0%
Graves	4,169	0.9%
Franklin	4,012	0.9%
Greenup	3,566	0.8%
Calloway	3,506	0.8%
Boyle	3,405	0.8%

County	Cases	Percent
Floyd	3,386	0.8%
Knox	3,347	0.8%
Bell	3,083	0.7%
Taylor	3,059	0.7%
Muhlenberg	2,924	0.7%
Clark	2,846	0.6%
Logan	2,832	0.6%
Harlan	2,806	0.6%
Marshall	2,770	0.6%
Clay	2,657	0.6%
Perry	2,641	0.6%
Montgomery	2,630	0.6%
Mercer	2,539	0.6%
Ohio	2,446	0.5%
Marion	2,296	0.5%
Lincoln	2,290	0.5%
Carter	2,261	0.5%
Grant	2,256	0.5%
Morgan	2,244	0.5%
Rowan	2,214	0.5%
Grayson	2,144	0.5%
Wayne	2,144	0.5%
Woodford	2,139	0.5%
Simpson	2,088	0.5%
Allen	2,059	0.5%
Meade	2,016	0.5%
McCreary	1,975	0.4%
Hart	1,971	0.4%
Johnson	1,929	0.4%
Letcher	1,898	0.4%

County	Cases	Percent
Adair	1,848	0.4%
Russell	1,825	0.4%
Anderson	1,736	0.4%
Harrison	1,681	0.4%
Bourbon	1,680	0.4%
Mason	1,661	0.4%
Spencer	1,604	0.4%
Lyon	1,530	0.3%
Garrard	1,516	0.3%
Rockcastle	1,497	0.3%
Butler	1,448	0.3%
Caldwell	1,445	0.3%
Clinton	1,444	0.3%
Lawrence	1,435	0.3%
Washington	1,433	0.3%
Casey	1,390	0.3%
Henry	1,354	0.3%
Union	1,334	0.3%
Monroe	1,329	0.3%
Larue	1,315	0.3%
Jackson	1,306	0.3%
Lewis	1,302	0.3%
Trigg	1,294	0.3%
Lee	1,274	0.3%
Powell	1,255	0.3%
Breckinridge	1,242	0.3%
Webster	1,241	0.3%
Green	1,202	0.3%
Fleming	1,170	0.3%
Knott	1,141	0.3%

County	Cases	Percent
Todd	1,124	0.3%
Estill	1,080	0.2%
Metcalfe	1,041	0.2%
Martin	1,026	0.2%
Pendleton	1,026	0.2%
Carroll	1,003	0.2%
Breathitt	996	0.2%
Bath	961	0.2%
Elliott	961	0.2%
Magoffin	947	0.2%
Leslie	909	0.2%
Edmonson	907	0.2%
McLean	880	0.2%
Hancock	879	0.2%
Livingston	845	0.2%
Cumberland	698	0.2%
Gallatin	694	0.2%
Trimble	688	0.2%
Owen	664	0.1%
Crittenden	660	0.1%
Bracken	622	0.1%
Nicholas	546	0.1%
Wolfe	518	0.1%
Fulton	513	0.1%
Owsley	491	0.1%
Carlisle	472	0.1%
Menifee	470	0.1%
Ballard	395	0.1%
Hickman	376	0.1%
Robertson	226	0.1%

Total Cases
446,221

New Cases by County

County	Cases	Percent
Jefferson	126	16.2%
Bullitt	47	6.1%
Fayette	47	6.1%
Pike	26	3.4%
Henderson	24	3.1%
Daviess	23	3.0%
McCracken	20	2.6%
Jessamine	19	2.4%
Warren	19	2.4%
Madison	18	2.3%
Hardin	16	2.1%
Laurel	16	2.1%
Oldham	14	1.8%
Barren	12	1.5%
Boone	12	1.5%
Christian	12	1.5%
Montgomery	12	1.5%
Powell	12	1.5%
Kenton	11	1.4%
Marshall	11	1.4%
Grayson	10	1.3%
Lewis	10	1.3%
Pulaski	9	1.2%
Simpson	9	1.2%
Taylor	9	1.2%
Anderson	8	1.0%
Hopkins	8	1.0%
Marion	8	1.0%
Carroll	7	0.9%
Casey	7	0.9%

County	Cases	Percent
Estill	7	0.9%
Nelson	7	0.9%
Ohio	7	0.9%
Shelby	7	0.9%
Boyd	6	0.8%
Campbell	6	0.8%
Allen	5	0.6%
Boyle	5	0.6%
Clark	5	0.6%
Edmonson	5	0.6%
Greenup	5	0.6%
Hart	5	0.6%
Knox	5	0.6%
Lawrence	5	0.6%
Mercer	5	0.6%
Rockcastle	5	0.6%
Russell	5	0.6%
Butler	4	0.5%
Letcher	4	0.5%
Perry	4	0.5%
Whitley	4	0.5%
Franklin	3	0.4%
Grant	3	0.4%
Graves	3	0.4%
Green	3	0.4%
Knott	3	0.4%
Magoffin	3	0.4%
Metcalfe	3	0.4%
Owen	3	0.4%
Pendleton	3	0.4%

County	Cases	Percent
Todd	3	0.4%
Woodford	3	0.4%
Bath	2	0.3%
Breathitt	2	0.3%
Carlisle	2	0.3%
Floyd	2	0.3%
Fulton	2	0.3%
Harlan	2	0.3%
Jackson	2	0.3%
Larue	2	0.3%
Logan	2	0.3%
McLean	2	0.3%
Meade	2	0.3%
Monroe	2	0.3%
Spencer	2	0.3%
Wayne	2	0.3%
Webster	2	0.3%
Bourbon	1	0.1%
Calloway	1	0.1%
Clay	1	0.1%
Clinton	1	0.1%
Gallatin	1	0.1%
Garrard	1	0.1%
Hancock	1	0.1%
Lee	1	0.1%
Leslie	1	0.1%
Livingston	1	0.1%
Lyon	1	0.1%
McCreary	1	0.1%
Muhlenberg	1	0.1%

County	Cases	Percent
Nicholas	1	0.1%
Owsley	1	0.1%
Robertson	1	0.1%
Rowan	1	0.1%
Scott	1	0.1%
Union	1	0.1%
Wolfe	1	0.1%
Adair	0	0.0%
Ballard	0	0.0%
Bell	0	0.0%
Bracken	0	0.0%
Breckinridge	0	0.0%
Caldwell	0	0.0%
Carter	0	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Elliott	0	0.0%
Fleming	0	0.0%
Harrison	0	0.0%
Henry	0	0.0%
Hickman	0	0.0%
Johnson	0	0.0%
Lincoln	0	0.0%
Martin	0	0.0%
Mason	0	0.0%
Menifee	0	0.0%
Morgan	0	0.0%
Trigg	0	0.0%
Trimble	0	0.0%
Washington	0	0.0%

Total New Cases
776

Total Deaths by County

County	Deaths	Percent
Jefferson	1,178	18.0%
Fayette	296	4.5%
Daviess	183	2.8%
Kenton	172	2.6%
Warren	170	2.6%
Hardin	154	2.4%
Hopkins	145	2.2%
Boone	122	1.9%
McCracken	120	1.8%
Madison	109	1.7%
Christian	104	1.6%
Pike	94	1.4%
Pulaski	94	1.4%
Graves	92	1.4%
Barren	91	1.4%
Harlan	83	1.3%
Oldham	82	1.3%
Boyd	73	1.1%
Bullitt	72	1.1%
Henderson	72	1.1%
Boyle	70	1.1%
Campbell	70	1.1%
Laurel	70	1.1%
Shelby	70	1.1%
Floyd	65	1.0%
Perry	65	1.0%
Jessamine	64	1.0%
Logan	64	1.0%
Muhlenberg	61	0.9%
Greenup	59	0.9%

County	Deaths	Percent
Marshall	56	0.9%
Whitley	55	0.8%
Adair	54	0.8%
Bell	54	0.8%
Grayson	54	0.8%
Nelson	53	0.8%
Ohio	53	0.8%
Calloway	51	0.8%
Lincoln	50	0.8%
Mercer	50	0.8%
Hart	47	0.7%
Franklin	46	0.7%
Taylor	46	0.7%
Clay	44	0.7%
Wayne	44	0.7%
Russell	43	0.7%
Letcher	42	0.6%
Monroe	41	0.6%
Allen	40	0.6%
Marion	37	0.6%
Washington	37	0.6%
Knox	36	0.6%
Simpson	36	0.6%
Casey	35	0.5%
Garrard	35	0.5%
Lewis	35	0.5%
Carter	34	0.5%
Johnson	34	0.5%
Mason	34	0.5%
Jackson	32	0.5%

County	Deaths	Percent
Scott	32	0.5%
Clinton	31	0.5%
Caldwell	30	0.5%
Montgomery	30	0.5%
Clark	29	0.4%
McCreary	29	0.4%
Gallatin	28	0.4%
McLean	27	0.4%
Larue	26	0.4%
Lee	26	0.4%
Metcalfe	26	0.4%
Meade	25	0.4%
Todd	25	0.4%
Butler	24	0.4%
Harrison	23	0.4%
Knott	23	0.4%
Fleming	22	0.3%
Lawrence	22	0.3%
Rockcastle	22	0.3%
Spencer	22	0.3%
Anderson	21	0.3%
Bath	21	0.3%
Crittenden	21	0.3%
Edmonson	21	0.3%
Livingston	20	0.3%
Martin	20	0.3%
Rowan	20	0.3%
Webster	20	0.3%
Woodford	20	0.3%
Carroll	19	0.3%

County	Deaths	Percent
Lyon	19	0.3%
Grant	18	0.3%
Menifee	16	0.2%
Breckinridge	15	0.2%
Green	15	0.2%
Hancock	15	0.2%
Union	15	0.2%
Bourbon	14	0.2%
Fulton	14	0.2%
Magoffin	14	0.2%
Owsley	14	0.2%
Robertson	14	0.2%
Trigg	14	0.2%
Henry	13	0.2%
Owen	13	0.2%
Powell	12	0.2%
Estill	11	0.2%
Cumberland	10	0.2%
Hickman	10	0.2%
Carlisle	9	0.1%
Ballard	8	0.1%
Breathitt	8	0.1%
Leslie	8	0.1%
Nicholas	8	0.1%
Bracken	7	0.1%
Trimble	7	0.1%
Wolfe	5	0.1%
Pendleton	4	0.1%
Morgan	3	0.0%
Elliott	2	0.0%

Total Deaths
6,532

Incidence Rates by County

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

County	Rate
Powell	65.9
Robertson	47.4
Lewis	47.4
Menifee	33.0
Hickman	32.6
Bath	27.4
Simpson	26.2
Wolfe	25.9
Todd	23.2
Shelby	22.1
Marion	20.8
Lawrence	20.5
Trimble	20.2
Nicholas	19.7
Mason	19.2
Grayson	18.9
Knox	18.8
Hopkins	18.5
Montgomery	17.3
Taylor	17.2
Daviess	16.2
Henry	15.9
Casey	15.9
Fleming	15.7
Marshall	15.2
Johnson	14.8
Henderson	14.2
Metcalfe	14.2
Floyd	14.0
Morgan	14.0

County	Rate
Warren	13.7
Lee	13.5
Monroe	13.4
Spencer	13.3
Hancock	13.1
Edmonson	12.9
Barren	12.9
Boyd	12.8
Jefferson	12.8
Hart	12.8
Knott	12.5
Laurel	12.5
Rowan	12.3
Estill	12.2
Harlan	12.1
Oldham	12.0
Fulton	12.0
Larue	11.9
Hardin	11.7
Fayette	11.6
Bourbon	11.6
Pulaski	11.4
Clark	11.4
Adair	11.2
Christian	11.2
Butler	11.1
Jessamine	11.1
McLean	10.9
Anderson	10.7
Bullitt	10.7

County	Rate
Harrison	10.6
Magoffin	10.6
Graves	10.4
Muhlenberg	10.3
Ohio	10.1
Caldwell	10.1
Pike	9.9
Washington	9.4
McCracken	9.4
Mercer	9.1
Whitley	9.1
Carlisle	9.0
Greenup	9.0
Madison	8.9
Garrard	8.9
Russell	8.8
Allen	8.7
Nelson	8.7
Boyle	8.6
Grant	8.5
Perry	8.3
Lincoln	8.1
Boone	8.0
Letcher	8.0
Pendleton	7.8
Rockcastle	7.7
Woodford	7.5
Franklin	7.3
Lyon	7.0
Logan	6.9

County	Rate
Kenton	6.8
Carroll	6.7
Webster	6.6
Owen	6.6
Green	6.5
Owsley	6.5
Clay	6.5
Breckinridge	6.3
Meade	6.0
Leslie	5.8
Campbell	5.6
Jackson	5.4
Bracken	5.2
Gallatin	4.8
Livingston	4.7
Bell	4.4
Carter	4.3
Calloway	4.0
Union	4.0
Trigg	3.9
Martin	3.8
Scott	3.8
Breathitt	3.4
Wayne	2.8
Ballard	1.8
McCreary	1.7
Crittenden	1.6
Clinton	1.4
Cumberland	0.0
Elliott	0.0

Current Overall Incidence Rate
11.47 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.