

# KY COVID-19 Report 03MAY21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	445,449	336,553	108,896
Deaths	6,525	5,888	637
New Cases	313	209	104
New Cases 18 and Under	55	34	21
New Deaths	5	4	1
New Audit Deaths	3	2	1
Total New Deaths	8	6	2

Duplicates and records not meeting case criteria removed since last report: 3

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
19,542	4.4%	0-9	0.0%	1
48,066	10.8%	10-19	0.0%	1
80,715	18.1%	20-29	0.1%	5
68,779	15.4%	30-39	0.5%	35
67,224	15.1%	40-49	1.7%	112
64,365	14.4%	50-59	5.9%	388
49,079	11.0%	60-69	17.1%	1,113
29,059	6.5%	70-79	27.6%	1,804
18,399	4.1%	80+	47.0%	3,066
221	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
913	0.2%	American Indian	0.1%	6
4,095	1.1%	Asian	0.5%	29
30,293	8.1%	Black	8.1%	498
376	0.1%	Pacific Islander	0.0%	3
318,660	85.5%	White	88.9%	5,495
18,430	4.9%	Multiracial	2.4%	151

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
19,440	5.5%	Hispanic	1.5%	90
333,858	94.5%	Non-Hispanic	98.5%	5,849

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 83.7% of cases and 94.7% of deaths  
Ethnicity known for 79.3% of cases and 91.0% of deaths

## Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,550	10.5%
Deaths	2,390	36.6%

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,777	51,532	3.45%

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
5,575,486	4,655,935	124,881	794,670	342,089	281,320	12,236	48,533

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	21,945	4.93%
Ever ICU	4,503	1.01%
Recovered	51,517	11.57%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	414
ICU	102
On Ventilator	47

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,107	5,048	61.6%
ICU Beds	1,070	745	59.0%
Ventilators	448	1,337	25.1%

### 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	15	7	1	1.9%	6.9%	1.0%	46.84%	48.04%	6.06%
Region 2	28	9	5	3.4%	7.4%	6.0%	51.58%	50.82%	19.05%
Region 3	164	33	16	4.5%	6.2%	3.7%	65.35%	60.04%	31.25%
Region 4	23	6	3	2.7%	5.6%	2.7%	47.65%	68.52%	19.64%
Region 5	91	17	8	3.3%	4.1%	1.5%	70.27%	65.38%	33.33%
Region 6	23	7	2	1.8%	4.0%	1.9%	67.44%	40.00%	36.45%
Region 7	9	5	2	1.4%	7.8%	1.7%	64.91%	67.19%	2.50%
Region 8	35	10	5	2.9%	7.4%	3.3%	60.90%	69.12%	15.79%
Region 9	19	5	2	2.9%	4.4%	2.0%	50.45%	42.98%	10.89%
Region 10	7	3	3	1.5%	6.7%	5.1%	47.05%	82.22%	32.20%

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	79,673	17.9%
Fayette	35,400	7.9%
Kenton	16,171	3.6%
Warren	15,840	3.6%
Boone	13,774	3.1%
Daviess	10,642	2.4%
Hardin	9,623	2.2%
Madison	9,269	2.1%
Campbell	8,351	1.9%
Oldham	7,529	1.7%
Bullitt	7,152	1.6%
Christian	6,876	1.5%
Laurel	6,618	1.5%
McCracken	6,513	1.5%
Pulaski	6,262	1.4%
Pike	5,503	1.2%
Boyd	4,917	1.1%
Whitley	4,904	1.1%
Scott	4,894	1.1%
Nelson	4,887	1.1%
Henderson	4,716	1.1%
Shelby	4,669	1.0%
Jessamine	4,553	1.0%
Hopkins	4,435	1.0%
Barren	4,434	1.0%
Graves	4,167	0.9%
Franklin	4,012	0.9%
Greenup	3,561	0.8%
Calloway	3,505	0.8%
Boyle	3,401	0.8%

County	Cases	Percent
Floyd	3,384	0.8%
Knox	3,341	0.8%
Bell	3,084	0.7%
Taylor	3,050	0.7%
Muhlenberg	2,922	0.7%
Clark	2,842	0.6%
Logan	2,830	0.6%
Harlan	2,803	0.6%
Marshall	2,759	0.6%
Clay	2,656	0.6%
Perry	2,638	0.6%
Montgomery	2,618	0.6%
Mercer	2,534	0.6%
Ohio	2,440	0.5%
Lincoln	2,290	0.5%
Marion	2,289	0.5%
Carter	2,261	0.5%
Grant	2,253	0.5%
Morgan	2,244	0.5%
Rowan	2,213	0.5%
Wayne	2,142	0.5%
Grayson	2,134	0.5%
Woodford	2,134	0.5%
Simpson	2,079	0.5%
Allen	2,054	0.5%
Meade	2,014	0.5%
McCreary	1,974	0.4%
Hart	1,966	0.4%
Johnson	1,929	0.4%
Letcher	1,894	0.4%

County	Cases	Percent
Adair	1,848	0.4%
Russell	1,820	0.4%
Anderson	1,728	0.4%
Harrison	1,681	0.4%
Bourbon	1,680	0.4%
Mason	1,661	0.4%
Spencer	1,602	0.4%
Lyon	1,526	0.3%
Garrard	1,515	0.3%
Rockcastle	1,492	0.3%
Caldwell	1,448	0.3%
Butler	1,445	0.3%
Clinton	1,443	0.3%
Washington	1,432	0.3%
Lawrence	1,429	0.3%
Casey	1,382	0.3%
Henry	1,353	0.3%
Union	1,333	0.3%
Monroe	1,327	0.3%
Larue	1,313	0.3%
Jackson	1,304	0.3%
Trigg	1,294	0.3%
Lewis	1,292	0.3%
Lee	1,273	0.3%
Powell	1,243	0.3%
Breckinridge	1,242	0.3%
Webster	1,239	0.3%
Green	1,201	0.3%
Fleming	1,171	0.3%
Knott	1,138	0.3%

County	Cases	Percent
Todd	1,122	0.3%
Estill	1,073	0.2%
Metcalfe	1,036	0.2%
Martin	1,027	0.2%
Pendleton	1,022	0.2%
Carroll	996	0.2%
Breathitt	993	0.2%
Elliott	961	0.2%
Bath	959	0.2%
Magoffin	945	0.2%
Leslie	909	0.2%
Edmonson	902	0.2%
Hancock	878	0.2%
McLean	878	0.2%
Livingston	843	0.2%
Cumberland	697	0.2%
Gallatin	693	0.2%
Trimble	688	0.2%
Owen	661	0.1%
Crittenden	660	0.1%
Bracken	622	0.1%
Nicholas	544	0.1%
Wolfe	517	0.1%
Fulton	511	0.1%
Owsley	490	0.1%
Carlisle	471	0.1%
Menifee	470	0.1%
Ballard	395	0.1%
Hickman	375	0.1%
Robertson	225	0.1%

Total Cases  
445,449

## New Cases by County

County	Cases	Percent
Jefferson	67	21.4%
Shelby	28	8.9%
Boone	24	7.7%
Laurel	14	4.5%
Trigg	13	4.2%
Fayette	10	3.2%
Kenton	8	2.6%
Montgomery	8	2.6%
Spencer	8	2.6%
Trimble	8	2.6%
Bullitt	7	2.2%
Daviess	7	2.2%
Franklin	7	2.2%
Henry	7	2.2%
Clark	6	1.9%
Morgan	5	1.6%
Oldham	5	1.6%
Crittenden	4	1.3%
Floyd	4	1.3%
McCracken	4	1.3%
Bourbon	3	1.0%
Boyd	3	1.0%
Graves	3	1.0%
Hopkins	3	1.0%
Lawrence	3	1.0%
Muhlenberg	3	1.0%
Nicholas	3	1.0%
Clay	2	0.6%
Grant	2	0.6%
Grayson	2	0.6%

County	Cases	Percent
Harrison	2	0.6%
Jessamine	2	0.6%
Pulaski	2	0.6%
Rowan	2	0.6%
Whitley	2	0.6%
Adair	1	0.3%
Ballard	1	0.3%
Breckinridge	1	0.3%
Butler	1	0.3%
Caldwell	1	0.3%
Calloway	1	0.3%
Campbell	1	0.3%
Carlisle	1	0.3%
Casey	1	0.3%
Christian	1	0.3%
Estill	1	0.3%
Fleming	1	0.3%
Gallatin	1	0.3%
Garrard	1	0.3%
Harlan	1	0.3%
Henderson	1	0.3%
Jackson	1	0.3%
Johnson	1	0.3%
Knox	1	0.3%
Lee	1	0.3%
Lewis	1	0.3%
Livingston	1	0.3%
McCreary	1	0.3%
Meade	1	0.3%
Nelson	1	0.3%

County	Cases	Percent
Pike	1	0.3%
Taylor	1	0.3%
Union	1	0.3%
Warren	1	0.3%
Webster	1	0.3%
Wolfe	1	0.3%
Woodford	1	0.3%
Allen	0	0.0%
Anderson	0	0.0%
Barren	0	0.0%
Bath	0	0.0%
Bell	0	0.0%
Boyle	0	0.0%
Bracken	0	0.0%
Breathitt	0	0.0%
Carroll	0	0.0%
Carter	0	0.0%
Clinton	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Elliott	0	0.0%
Fulton	0	0.0%
Green	0	0.0%
Greenup	0	0.0%
Hancock	0	0.0%
Hardin	0	0.0%
Hart	0	0.0%
Hickman	0	0.0%
Knott	0	0.0%
Larue	0	0.0%

County	Cases	Percent
Leslie	0	0.0%
Letcher	0	0.0%
Lincoln	0	0.0%
Logan	0	0.0%
Lyon	0	0.0%
McLean	0	0.0%
Madison	0	0.0%
Magoffin	0	0.0%
Marion	0	0.0%
Marshall	0	0.0%
Martin	0	0.0%
Mason	0	0.0%
Menifee	0	0.0%
Mercer	0	0.0%
Metcalfe	0	0.0%
Monroe	0	0.0%
Ohio	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Pendleton	0	0.0%
Perry	0	0.0%
Powell	0	0.0%
Robertson	0	0.0%
Rockcastle	0	0.0%
Russell	0	0.0%
Scott	0	0.0%
Simpson	0	0.0%
Todd	0	0.0%
Washington	0	0.0%
Wayne	0	0.0%

Total New Cases  
313

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,178	18.1%
Fayette	295	4.5%
Daviess	182	2.8%
Kenton	171	2.6%
Warren	169	2.6%
Hardin	154	2.4%
Hopkins	145	2.2%
Boone	121	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%
Carroll	19	0.3%
Lyon	19	0.3%

County	Deaths	Percent
Woodford	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%
Nicholas	8	0.1%
Bracken	7	0.1%
Leslie	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  
6,525

## Incidence Rates by County

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

County	Rate
Powell	62.4
Robertson	47.4
Lewis	38.7
Menifee	33.0
Bath	29.7
Hickman	29.4
Todd	27.9
Trimble	27.0
Mason	24.3
Wolfe	24.0
Simpson	23.8
Shelby	22.1
Nicholas	21.6
Fleming	20.6
Morgan	20.4
Marion	20.0
Monroe	18.8
Lawrence	18.7
Montgomery	18.3
Hopkins	17.9
Knox	17.9
Johnson	17.4
Henry	16.8
Daviess	16.5
Hancock	16.4
Spencer	15.5
Warren	15.4
Floyd	14.9
Harlan	14.8
Rowan	14.6

County	Rate
Taylor	14.4
Grayson	13.5
Clark	13.0
Garrard	12.9
Barren	12.9
Harrison	12.9
Jefferson	12.8
Christian	12.6
Marshall	12.4
Fayette	12.4
Casey	12.4
Caldwell	12.3
Lincoln	12.2
McCracken	12.0
Hardin	12.0
Larue	11.9
Adair	11.9
Boyd	11.6
Lee	11.6
Leslie	11.6
Bourbon	11.6
Graves	11.5
Muhlenberg	11.2
Oldham	10.9
Laurel	10.6
Russell	10.4
Bracken	10.3
Bullitt	10.3
Boyle	10.0
Webster	9.9

County	Rate
Pulaski	9.9
Knott	9.6
Henderson	9.5
Washington	9.4
Madison	9.2
Woodford	9.1
Whitley	9.1
Logan	9.0
Pendleton	8.8
Franklin	8.7
Grant	8.5
Metcalfe	8.5
Hart	8.3
Edmonson	8.2
Jessamine	8.2
Greenup	8.1
Estill	8.1
Allen	8.0
Clay	7.9
Butler	7.8
McLean	7.8
Nelson	7.7
Martin	7.7
Anderson	7.5
Boone	7.4
Letcher	7.3
Fulton	7.2
Mercer	7.2
Ohio	7.1
Magoffin	7.0

County	Rate
Kenton	7.0
Breckinridge	7.0
Lyon	7.0
Carroll	6.7
Pike	6.7
Perry	6.7
Bell	6.6
Meade	6.5
Carlisle	6.0
Rockcastle	6.0
Campbell	5.2
Scott	4.8
Cumberland	4.3
Carter	4.3
Calloway	4.0
Union	4.0
Owen	3.9
Green	3.9
Trigg	3.9
Owsley	3.2
Gallatin	3.2
Jackson	3.2
Livingston	3.1
Ballard	1.8
Crittenden	1.6
Wayne	1.4
Breathitt	1.1
McCreary	0.8
Clinton	0.0
Elliott	0.0

**Current Overall Incidence Rate**  
11.45 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.