

# KY COVID-19 Report 21MAY21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	455,150	342,672	112,478
Deaths	6,698	6,044	654
New Cases	544	348	196
New Cases 18 and Under	112	71	41
New Deaths	5	4	1
New Audit Deaths	0	.	.
Total New Deaths	5	4	1

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

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
20,214	4.4%	0-9	0.0%	1
49,655	10.9%	10-19	0.0%	1
82,512	18.1%	20-29	0.1%	7
70,323	15.5%	30-39	0.5%	36
68,604	15.1%	40-49	1.8%	118
65,644	14.4%	50-59	6.0%	405
49,890	11.0%	60-69	17.1%	1,145
29,468	6.5%	70-79	27.7%	1,856
18,615	4.1%	80+	46.7%	3,129
225	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
931	0.2%	American Indian	0.1%	7
4,193	1.1%	Asian	0.5%	30
31,467	8.2%	Black	8.0%	508
377	0.1%	Pacific Islander	0.0%	3
326,433	85.4%	White	89.0%	5,659
19,020	5.0%	Multiracial	2.4%	155

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
19,993	5.5%	Hispanic	1.5%	94
343,134	94.5%	Non-Hispanic	98.5%	6,025

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 84.0% of cases and 95.0% of deaths  
Ethnicity known for 79.8% of cases and 91.4% of deaths

## Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,669	10.3%
Deaths	2,399	35.8%

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,186	45,307	2.62%

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
6,537,245	5,280,973	301,306	880,721	552,316	404,802	30,181	117,333

Testing totals have been updated to include historic negative test results from laboratories recently onboarded into electronic reporting. A maximum of 10,000 historical negative test results have been added to the daily count in today's data. This does not impact positivity rates and only affects the total cumulative numbers of tests performed.

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	22,565	4.96%
Ever ICU	4,598	1.01%
Recovered	52,466	11.53%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	365
ICU	108
On Ventilator	51

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,632	4,523	65.6%
ICU Beds	1,076	739	59.3%
Ventilators	438	1,309	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	12	5	1	1.5%	4.9%	1.0%	56.57%	60.78%	11.11%
Region 2	29	10	5	3.5%	8.2%	5.6%	56.07%	46.72%	20.22%
Region 3	114	30	17	3.1%	5.6%	3.9%	69.77%	54.22%	28.67%
Region 4	12	4	3	1.4%	3.7%	2.7%	57.04%	70.37%	17.86%
Region 5	92	34	16	3.3%	8.2%	3.3%	72.66%	67.55%	34.90%
Region 6	25	2	1	1.9%	1.1%	0.9%	68.53%	40.57%	35.19%
Region 7	22	4	0	3.5%	6.3%	0.0%	68.58%	60.94%	4.96%
Region 8	30	7	5	2.5%	5.1%	3.8%	64.75%	85.29%	25.38%
Region 9	15	2	2	2.3%	1.8%	2.0%	54.65%	41.23%	7.00%
Region 10	14	10	1	3.0%	22.2%	1.6%	45.36%	84.44%	14.52%

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	81,512	17.9%
Fayette	35,973	7.9%
Kenton	16,494	3.6%
Warren	16,081	3.5%
Boone	14,095	3.1%
Daviess	10,853	2.4%
Hardin	9,798	2.2%
Madison	9,398	2.1%
Campbell	8,550	1.9%
Oldham	7,651	1.7%
Bullitt	7,301	1.6%
Christian	6,962	1.5%
McCracken	6,775	1.5%
Laurel	6,755	1.5%
Pulaski	6,537	1.4%
Pike	5,608	1.2%
Whitley	5,041	1.1%
Scott	5,038	1.1%
Boyd	5,030	1.1%
Nelson	4,938	1.1%
Henderson	4,882	1.1%
Shelby	4,781	1.1%
Jessamine	4,710	1.0%
Hopkins	4,523	1.0%
Barren	4,467	1.0%
Graves	4,224	0.9%
Franklin	4,085	0.9%
Greenup	3,635	0.8%
Calloway	3,534	0.8%
Boyle	3,449	0.8%

County	Cases	Percent
Floyd	3,446	0.8%
Knox	3,332	0.7%
Taylor	3,178	0.7%
Bell	3,119	0.7%
Muhlenberg	2,986	0.7%
Clark	2,930	0.6%
Logan	2,868	0.6%
Harlan	2,862	0.6%
Marshall	2,833	0.6%
Montgomery	2,769	0.6%
Clay	2,678	0.6%
Perry	2,674	0.6%
Mercer	2,584	0.6%
Ohio	2,486	0.5%
Grant	2,361	0.5%
Lincoln	2,350	0.5%
Marion	2,337	0.5%
Carter	2,300	0.5%
Morgan	2,278	0.5%
Rowan	2,260	0.5%
Wayne	2,217	0.5%
Grayson	2,199	0.5%
Woodford	2,150	0.5%
Simpson	2,125	0.5%
Allen	2,091	0.5%
Meade	2,047	0.4%
Johnson	2,017	0.4%
McCreary	2,016	0.4%
Hart	2,004	0.4%
Adair	1,928	0.4%

County	Cases	Percent
Letcher	1,925	0.4%
Russell	1,887	0.4%
Anderson	1,752	0.4%
Bourbon	1,715	0.4%
Mason	1,715	0.4%
Harrison	1,714	0.4%
Spencer	1,614	0.4%
Rockcastle	1,582	0.3%
Lyon	1,541	0.3%
Garrard	1,536	0.3%
Butler	1,467	0.3%
Caldwell	1,461	0.3%
Lawrence	1,460	0.3%
Casey	1,450	0.3%
Washington	1,449	0.3%
Clinton	1,447	0.3%
Union	1,390	0.3%
Henry	1,370	0.3%
Lewis	1,351	0.3%
Larue	1,340	0.3%
Monroe	1,336	0.3%
Jackson	1,319	0.3%
Powell	1,319	0.3%
Trigg	1,310	0.3%
Webster	1,298	0.3%
Breckinridge	1,288	0.3%
Lee	1,286	0.3%
Green	1,224	0.3%
Fleming	1,208	0.3%
Todd	1,159	0.3%

County	Cases	Percent
Knott	1,145	0.3%
Estill	1,127	0.2%
Metcalfe	1,047	0.2%
Pendleton	1,037	0.2%
Martin	1,035	0.2%
Breathitt	1,030	0.2%
Carroll	1,021	0.2%
Bath	1,015	0.2%
Magoffin	993	0.2%
Elliott	964	0.2%
Leslie	922	0.2%
Edmonson	916	0.2%
Hancock	891	0.2%
McLean	891	0.2%
Livingston	856	0.2%
Gallatin	712	0.2%
Owen	706	0.2%
Cumberland	699	0.2%
Trimble	692	0.2%
Crittenden	669	0.1%
Bracken	648	0.1%
Nicholas	557	0.1%
Wolfe	532	0.1%
Fulton	531	0.1%
Owsley	498	0.1%
Menifee	481	0.1%
Carlisle	480	0.1%
Ballard	407	0.1%
Hickman	391	0.1%
Robertson	230	0.1%

Total Cases  
455,150

## New Cases by County

County	Cases	Percent
Jefferson	136	25.0%
Kenton	26	4.8%
McCracken	24	4.4%
Boone	22	4.0%
Fayette	22	4.0%
Warren	16	2.9%
Campbell	13	2.4%
Hardin	9	1.7%
Laurel	9	1.7%
Adair	8	1.5%
Bath	8	1.5%
Bullitt	8	1.5%
Grant	8	1.5%
Magoffin	8	1.5%
Montgomery	8	1.5%
Daviess	7	1.3%
Jessamine	7	1.3%
Lincoln	7	1.3%
Scott	7	1.3%
Fleming	6	1.1%
Henderson	6	1.1%
Knox	6	1.1%
Shelby	6	1.1%
Whitley	6	1.1%
Harrison	5	0.9%
Madison	5	0.9%
Pulaski	5	0.9%
Rowan	5	0.9%
Taylor	5	0.9%
Caldwell	4	0.7%

County	Cases	Percent
Calloway	4	0.7%
Floyd	4	0.7%
Grayson	4	0.7%
Greenup	4	0.7%
Hopkins	4	0.7%
Johnson	4	0.7%
Marshall	4	0.7%
Pendleton	4	0.7%
Pike	4	0.7%
Rockcastle	4	0.7%
Todd	4	0.7%
Union	4	0.7%
Bell	3	0.6%
Boyd	3	0.6%
Carroll	3	0.6%
Christian	3	0.6%
Franklin	3	0.6%
Hart	3	0.6%
McCreary	3	0.6%
McLean	3	0.6%
Mason	3	0.6%
Owen	3	0.6%
Perry	3	0.6%
Powell	3	0.6%
Woodford	3	0.6%
Allen	2	0.4%
Barren	2	0.4%
Boyle	2	0.4%
Bracken	2	0.4%
Clark	2	0.4%

County	Cases	Percent
Henry	2	0.4%
Letcher	2	0.4%
Lewis	2	0.4%
Livingston	2	0.4%
Meade	2	0.4%
Morgan	2	0.4%
Nelson	2	0.4%
Oldham	2	0.4%
Russell	2	0.4%
Simpson	2	0.4%
Bourbon	1	0.2%
Carlisle	1	0.2%
Carter	1	0.2%
Edmonson	1	0.2%
Fulton	1	0.2%
Gallatin	1	0.2%
Graves	1	0.2%
Hancock	1	0.2%
Harlan	1	0.2%
Leslie	1	0.2%
Muhlenberg	1	0.2%
Ohio	1	0.2%
Spencer	1	0.2%
Trigg	1	0.2%
Webster	1	0.2%
Anderson	0	0.0%
Ballard	0	0.0%
Breathitt	0	0.0%
Breckinridge	0	0.0%
Butler	0	0.0%

County	Cases	Percent
Casey	0	0.0%
Clay	0	0.0%
Clinton	0	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Elliott	0	0.0%
Estill	0	0.0%
Garrard	0	0.0%
Green	0	0.0%
Hickman	0	0.0%
Jackson	0	0.0%
Knott	0	0.0%
Larue	0	0.0%
Lawrence	0	0.0%
Lee	0	0.0%
Logan	0	0.0%
Lyon	0	0.0%
Marion	0	0.0%
Martin	0	0.0%
Menifee	0	0.0%
Mercer	0	0.0%
Metcalfe	0	0.0%
Monroe	0	0.0%
Nicholas	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%
Trimble	0	0.0%
Washington	0	0.0%
Wayne	0	0.0%
Wolfe	0	0.0%

Total New Cases  
544

Total Deaths by County

County	Deaths	Percent
Jefferson	1,199	17.9%
Fayette	307	4.6%
Daviess	185	2.8%
Kenton	177	2.6%
Warren	171	2.6%
Hardin	157	2.3%
Hopkins	146	2.2%
McCracken	126	1.9%
Boone	124	1.9%
Madison	111	1.7%
Christian	104	1.6%
Pulaski	101	1.5%
Pike	99	1.5%
Graves	93	1.4%
Barren	92	1.4%
Harlan	83	1.2%
Oldham	83	1.2%
Boyd	75	1.1%
Bullitt	75	1.1%
Henderson	75	1.1%
Laurel	72	1.1%
Shelby	71	1.1%
Boyle	70	1.0%
Campbell	70	1.0%
Floyd	69	1.0%
Logan	66	1.0%
Perry	66	1.0%
Muhlenberg	65	1.0%
Jessamine	64	1.0%
Greenup	59	0.9%

County	Deaths	Percent
Marshall	57	0.9%
Nelson	57	0.9%
Whitley	57	0.9%
Bell	55	0.8%
Grayson	55	0.8%
Adair	54	0.8%
Ohio	54	0.8%
Lincoln	52	0.8%
Calloway	51	0.8%
Mercer	50	0.7%
Franklin	48	0.7%
Taylor	48	0.7%
Hart	47	0.7%
Wayne	47	0.7%
Clay	44	0.7%
Letcher	44	0.7%
Russell	44	0.7%
Monroe	42	0.6%
Allen	40	0.6%
Marion	38	0.6%
Simpson	38	0.6%
Knox	37	0.6%
Lewis	37	0.6%
Washington	37	0.6%
Mason	36	0.5%
Carter	35	0.5%
Casey	35	0.5%
Garrard	35	0.5%
Johnson	35	0.5%
Scott	33	0.5%

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

County	Deaths	Percent
Carroll	19	0.3%
Grant	19	0.3%
Bourbon	18	0.3%
Menifee	17	0.3%
Breckinridge	16	0.2%
Green	16	0.2%
Hancock	15	0.2%
Henry	15	0.2%
Magoffin	15	0.2%
Owsley	15	0.2%
Trigg	15	0.2%
Union	15	0.2%
Fulton	14	0.2%
Robertson	14	0.2%
Owen	13	0.2%
Powell	12	0.2%
Estill	11	0.2%
Cumberland	10	0.1%
Hickman	10	0.1%
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  
6,698

## Incidence Rates by County

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

County	Rate
Owen	31.5
Rockcastle	28.2
Adair	22.3
Webster	22.1
Union	21.9
Henderson	19.0
Powell	18.5
Grayson	18.4
Taylor	17.2
Todd	16.3
Bath	16.0
Whitley	15.0
Bourbon	14.4
Harlan	14.3
Hart	14.3
Mason	14.2
Lewis	14.0
Bracken	13.8
Montgomery	13.7
Muhlenberg	13.1
Gallatin	12.9
Knox	12.4
Jessamine	12.1
Fulton	12.0
Rowan	11.7
Marshall	11.5
Laurel	11.0
McLean	10.9
Carroll	10.8
Russell	10.4

County	Rate
Estill	10.1
Pulaski	10.1
Boyd	10.1
Hancock	9.8
Floyd	9.6
Graves	9.6
Lincoln	9.3
Jefferson	9.3
Caldwell	9.0
Hopkins	9.0
Daviess	8.9
Fleming	8.8
Grant	8.5
Clark	8.3
Washington	8.3
Greenup	8.1
Allen	8.0
Carter	8.0
Casey	8.0
Pendleton	7.8
Ohio	7.7
Harrison	7.6
McCreary	7.5
Boone	7.4
Hardin	7.3
Shelby	7.3
Madison	6.9
Robertson	6.8
Spencer	6.6
Menifee	6.6

County	Rate
Warren	6.6
Fayette	6.5
Johnson	6.4
Martin	6.4
Logan	6.3
Henry	6.2
Franklin	6.2
McCracken	6.1
Carlisle	6.0
Bullitt	5.9
Marion	5.9
Lee	5.8
Ballard	5.4
Simpson	5.4
Scott	5.3
Lyon	5.2
Mercer	5.2
Pike	5.2
Larue	5.0
Boyle	4.8
Nelson	4.6
Meade	4.5
Bell	4.4
Morgan	4.3
Kenton	4.2
Garrard	4.0
Letcher	4.0
Nicholas	3.9
Green	3.9
Perry	3.9

County	Rate
Anderson	3.8
Woodford	3.7
Clay	3.6
Magoffin	3.5
Breckinridge	3.5
Trimble	3.4
Calloway	3.3
Hickman	3.3
Owsley	3.2
Barren	3.2
Jackson	3.2
Livingston	3.1
Christian	3.0
Oldham	3.0
Leslie	2.9
Metcalfe	2.8
Lawrence	2.8
Campbell	2.7
Butler	2.2
Trigg	2.0
Elliott	1.9
Crittenden	1.6
Clinton	1.4
Edmonson	1.2
Breathitt	1.1
Knott	1.0
Cumberland	0.0
Monroe	0.0
Wayne	0.0
Wolfe	0.0

Current Overall Incidence Rate  
7.86 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.