

# KY COVID-19 Report 20MAY21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	454,609	342,317	112,292
Deaths	6,693	6,041	652
New Cases	575	353	222
New Cases 18 and Under	133	75	58
New Deaths	13	12	1
New Audit Deaths	2	2	0
Total New Deaths	15	14	1

Duplicates and records not meeting case criteria removed since last report: 10

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
20,185	4.4%	0-9	0.0%	1
49,563	10.9%	10-19	0.0%	1
82,406	18.1%	20-29	0.1%	7
70,217	15.4%	30-39	0.5%	36
68,534	15.1%	40-49	1.8%	118
65,591	14.4%	50-59	6.1%	405
49,836	11.0%	60-69	17.1%	1,142
29,444	6.5%	70-79	27.7%	1,855
18,608	4.1%	80+	46.7%	3,128
225	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
927	0.2%	American Indian	0.1%	7
4,188	1.1%	Asian	0.5%	30
31,406	8.2%	Black	8.0%	508
377	0.1%	Pacific Islander	0.0%	3
325,992	85.4%	White	88.9%	5,651
18,994	5.0%	Multiracial	2.5%	156

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
19,961	5.5%	Hispanic	1.5%	94
342,635	94.5%	Non-Hispanic	98.5%	6,017

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 84.0% of cases and 94.9% of deaths  
Ethnicity known for 79.8% of cases and 91.3% of deaths

## Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,664	10.3%
Deaths	2,399	35.8%

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,224	45,391	2.70%

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
6,523,276	5,273,636	300,510	877,277	551,561	404,423	29,998	117,140

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	22,524	4.95%
Ever ICU	4,585	1.01%
Recovered	52,401	11.53%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	357
ICU	104
On Ventilator	44

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,582	4,573	65.2%
ICU Beds	1,078	737	59.4%
Ventilators	436	1,326	24.7%

## 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	9	4	1	1.1%	3.9%	1.0%	53.54%	56.86%	10.10%
Region 2	28	9	4	3.4%	7.4%	4.5%	58.50%	53.28%	16.85%
Region 3	117	30	15	3.2%	5.6%	3.4%	70.75%	55.16%	27.98%
Region 4	14	4	1	1.6%	3.7%	0.9%	57.75%	68.52%	11.61%
Region 5	94	35	15	3.4%	8.4%	3.1%	73.13%	66.59%	35.23%
Region 6	25	2	1	1.9%	1.1%	0.9%	68.53%	40.00%	39.81%
Region 7	17	3	0	2.7%	4.7%	0.0%	66.51%	62.50%	7.44%
Region 8	24	6	5	2.0%	4.4%	3.5%	54.80%	73.53%	25.87%
Region 9	20	2	1	3.0%	1.8%	1.0%	53.90%	50.88%	6.93%
Region 10	9	9	1	1.9%	20.0%	1.6%	52.95%	93.33%	11.29%

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	81,379	17.9%
Fayette	35,949	7.9%
Kenton	16,468	3.6%
Warren	16,065	3.5%
Boone	14,073	3.1%
Daviess	10,846	2.4%
Hardin	9,788	2.2%
Madison	9,393	2.1%
Campbell	8,537	1.9%
Oldham	7,649	1.7%
Bullitt	7,292	1.6%
Christian	6,960	1.5%
McCracken	6,752	1.5%
Laurel	6,749	1.5%
Pulaski	6,533	1.4%
Pike	5,604	1.2%
Scott	5,033	1.1%
Boyd	5,026	1.1%
Whitley	5,026	1.1%
Nelson	4,937	1.1%
Henderson	4,875	1.1%
Shelby	4,775	1.1%
Jessamine	4,704	1.0%
Hopkins	4,518	1.0%
Barren	4,465	1.0%
Graves	4,223	0.9%
Franklin	4,084	0.9%
Greenup	3,632	0.8%
Calloway	3,530	0.8%
Boyle	3,449	0.8%

County	Cases	Percent
Floyd	3,442	0.8%
Knox	3,331	0.7%
Taylor	3,173	0.7%
Bell	3,117	0.7%
Muhlenberg	2,985	0.7%
Clark	2,929	0.6%
Logan	2,868	0.6%
Harlan	2,861	0.6%
Marshall	2,829	0.6%
Montgomery	2,761	0.6%
Clay	2,678	0.6%
Perry	2,671	0.6%
Mercer	2,583	0.6%
Ohio	2,485	0.5%
Lincoln	2,360	0.5%
Grant	2,353	0.5%
Marion	2,338	0.5%
Carter	2,300	0.5%
Morgan	2,276	0.5%
Rowan	2,254	0.5%
Wayne	2,217	0.5%
Grayson	2,195	0.5%
Woodford	2,147	0.5%
Simpson	2,123	0.5%
Allen	2,089	0.5%
Meade	2,045	0.4%
McCreary	2,014	0.4%
Johnson	2,013	0.4%
Hart	2,002	0.4%
Letcher	1,923	0.4%

County	Cases	Percent
Adair	1,918	0.4%
Russell	1,885	0.4%
Anderson	1,752	0.4%
Bourbon	1,713	0.4%
Mason	1,713	0.4%
Harrison	1,709	0.4%
Spencer	1,613	0.4%
Rockcastle	1,579	0.3%
Lyon	1,541	0.3%
Garrard	1,536	0.3%
Butler	1,467	0.3%
Lawrence	1,460	0.3%
Caldwell	1,458	0.3%
Washington	1,448	0.3%
Clinton	1,447	0.3%
Casey	1,430	0.3%
Union	1,386	0.3%
Henry	1,368	0.3%
Lewis	1,349	0.3%
Larue	1,340	0.3%
Monroe	1,336	0.3%
Jackson	1,319	0.3%
Powell	1,316	0.3%
Trigg	1,308	0.3%
Webster	1,298	0.3%
Breckinridge	1,288	0.3%
Lee	1,286	0.3%
Green	1,224	0.3%
Fleming	1,202	0.3%
Todd	1,155	0.3%

County	Cases	Percent
Knott	1,145	0.3%
Estill	1,127	0.2%
Metcalfe	1,047	0.2%
Martin	1,035	0.2%
Pendleton	1,033	0.2%
Breathitt	1,030	0.2%
Carroll	1,018	0.2%
Bath	1,007	0.2%
Magoffin	985	0.2%
Elliott	964	0.2%
Leslie	921	0.2%
Edmonson	915	0.2%
Hancock	890	0.2%
McLean	888	0.2%
Livingston	854	0.2%
Gallatin	711	0.2%
Owen	702	0.2%
Cumberland	699	0.2%
Trimble	692	0.2%
Crittenden	669	0.1%
Bracken	645	0.1%
Nicholas	556	0.1%
Wolfe	532	0.1%
Fulton	530	0.1%
Owsley	498	0.1%
Menifee	481	0.1%
Carlisle	479	0.1%
Ballard	406	0.1%
Hickman	391	0.1%
Robertson	230	0.1%

Total Cases  
454,609

## New Cases by County

County	Cases	Percent
Jefferson	147	25.6%
Fayette	22	3.8%
Boone	21	3.7%
Kenton	19	3.3%
Campbell	17	3.0%
Johnson	15	2.6%
Laurel	13	2.3%
Pulaski	13	2.3%
Clark	12	2.1%
Adair	11	1.9%
Floyd	11	1.9%
McCracken	10	1.7%
Franklin	9	1.6%
Grant	9	1.6%
Montgomery	9	1.6%
Scott	9	1.6%
Bourbon	8	1.4%
Bullitt	8	1.4%
Daviess	8	1.4%
Grayson	8	1.4%
Harlan	8	1.4%
Jessamine	8	1.4%
Madison	8	1.4%
Owen	8	1.4%
Todd	8	1.4%
Whitley	8	1.4%
Boyd	7	1.2%
Mason	7	1.2%
Rockcastle	6	1.0%
Warren	6	1.0%

County	Cases	Percent
Gallatin	5	0.9%
Hardin	5	0.9%
Henderson	5	0.9%
Knox	5	0.9%
Logan	5	0.9%
Marshall	5	0.9%
Pike	5	0.9%
Rowan	5	0.9%
Greenup	4	0.7%
Union	4	0.7%
Bell	3	0.5%
Carter	3	0.5%
Estill	3	0.5%
Henry	3	0.5%
Hopkins	3	0.5%
Lincoln	3	0.5%
Muhlenberg	3	0.5%
Perry	3	0.5%
Powell	3	0.5%
Taylor	3	0.5%
Allen	2	0.3%
Ballard	2	0.3%
Barren	2	0.3%
Boyle	2	0.3%
Calloway	2	0.3%
Carroll	2	0.3%
Christian	2	0.3%
Graves	2	0.3%
Harrison	2	0.3%
Magoffin	2	0.3%

County	Cases	Percent
Marion	2	0.3%
Ohio	2	0.3%
Shelby	2	0.3%
Webster	2	0.3%
Clinton	1	0.2%
Fulton	1	0.2%
Garrard	1	0.2%
Hart	1	0.2%
Knott	1	0.2%
Leslie	1	0.2%
Letcher	1	0.2%
Lyon	1	0.2%
McLean	1	0.2%
Martin	1	0.2%
Nelson	1	0.2%
Oldham	1	0.2%
Russell	1	0.2%
Trimble	1	0.2%
Washington	1	0.2%
Woodford	1	0.2%
Anderson	0	0.0%
Bath	0	0.0%
Bracken	0	0.0%
Breathitt	0	0.0%
Breckinridge	0	0.0%
Butler	0	0.0%
Caldwell	0	0.0%
Carlisle	0	0.0%
Casey	0	0.0%
Clay	0	0.0%

County	Cases	Percent
Crittenden	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Elliott	0	0.0%
Fleming	0	0.0%
Green	0	0.0%
Hancock	0	0.0%
Hickman	0	0.0%
Jackson	0	0.0%
Larue	0	0.0%
Lawrence	0	0.0%
Lee	0	0.0%
Lewis	0	0.0%
Livingston	0	0.0%
McCreary	0	0.0%
Meade	0	0.0%
Menifee	0	0.0%
Mercer	0	0.0%
Metcalfe	0	0.0%
Monroe	0	0.0%
Morgan	0	0.0%
Nicholas	0	0.0%
Owsley	0	0.0%
Pendleton	0	0.0%
Robertson	0	0.0%
Simpson	0	0.0%
Spencer	0	0.0%
Trigg	0	0.0%
Wayne	0	0.0%
Wolfe	0	0.0%

Total New Cases  
575

Total Deaths by County

County	Deaths	Percent
Jefferson	1,196	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	20	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%
Union	15	0.2%
Fulton	14	0.2%
Robertson	14	0.2%
Trigg	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  
6,693

## Incidence Rates by County

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

County	Rate
Rockcastle	30.8
Owen	30.1
Webster	26.5
Adair	23.1
Union	21.9
Henderson	19.9
Grayson	18.4
Bourbon	17.3
Taylor	17.2
Knox	16.5
Estill	16.2
Powell	16.2
Lewis	16.1
Gallatin	16.1
Harlan	15.9
Muhlenberg	14.5
Todd	13.9
Robertson	13.6
Montgomery	13.2
Hart	12.8
Mason	12.6
Whitley	12.2
Bracken	12.0
Fulton	12.0
Morgan	11.8
Laurel	11.7
Pulaski	11.4
Jessamine	11.4
Graves	10.7
Boyd	10.7

County	Rate
Casey	10.6
Marshall	10.1
Rowan	9.9
Hancock	9.8
Grant	9.7
Lee	9.6
Jefferson	9.4
Daviess	9.3
Hopkins	9.3
Floyd	9.2
Russell	8.8
Carter	8.5
Ohio	8.3
Clark	8.3
Washington	8.3
Marion	8.2
Bath	8.0
Logan	7.9
Hardin	7.9
Greenup	7.7
Boone	7.5
Allen	7.4
Shelby	7.3
Franklin	7.3
Metcalfe	7.1
Lyon	7.0
Larue	6.9
Madison	6.9
Pendleton	6.9
Warren	6.8

County	Rate
Carroll	6.7
Spencer	6.6
Menifee	6.6
Fayette	6.6
McCracken	6.6
Johnson	6.4
Lincoln	6.4
Martin	6.4
Anderson	6.3
McLean	6.2
Carlisle	6.0
Nicholas	5.9
Magoffin	5.9
Mercer	5.9
McCreary	5.8
Scott	5.8
Boyle	5.7
Caldwell	5.6
Bullitt	5.6
Lawrence	5.6
Butler	5.5
Ballard	5.4
Green	5.2
Pike	5.2
Meade	5.0
Livingston	4.7
Nelson	4.6
Harrison	4.5
Henry	4.4
Bell	4.4

County	Rate
Kenton	4.4
Oldham	4.1
Garrard	4.0
Fleming	3.9
Barren	3.9
Simpson	3.8
Christian	3.6
Clay	3.6
Breckinridge	3.5
Trimble	3.4
Perry	3.3
Letcher	3.3
Hickman	3.3
Owsley	3.2
Jackson	3.2
Clinton	2.8
Monroe	2.7
Edmonson	2.4
Campbell	2.3
Woodford	2.1
Elliott	1.9
Calloway	1.8
Crittenden	1.6
Leslie	1.4
Breathitt	1.1
Trigg	1.0
Knott	1.0
Wolfe	0.0
Cumberland	0.0
Wayne	0.0

Current Overall Incidence Rate  
8.05 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.