

# KY COVID-19 Report 15MAY21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	452,250	340,790	111,460
Deaths	6,648	5,998	650
New Cases	488	312	176
New Cases 18 and Under	118	78	40
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: 4

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
20,005	4.4%	0-9	0.0%	1
49,181	10.9%	10-19	0.0%	1
81,973	18.1%	20-29	0.1%	7
69,863	15.4%	30-39	0.5%	35
68,222	15.1%	40-49	1.8%	118
65,244	14.4%	50-59	6.0%	402
49,657	11.0%	60-69	16.9%	1,126
29,330	6.5%	70-79	27.7%	1,843
18,551	4.1%	80+	46.9%	3,115
224	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
923	0.2%	American Indian	0.1%	6
4,169	1.1%	Asian	0.5%	29
31,108	8.2%	Black	8.0%	506
377	0.1%	Pacific Islander	0.0%	3
324,131	85.4%	White	88.9%	5,607
18,858	5.0%	Multiracial	2.5%	155

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
19,822	5.5%	Hispanic	1.5%	92
340,428	94.5%	Non-Hispanic	98.5%	5,970

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 83.9% of cases and 94.9% of deaths  
Ethnicity known for 79.7% of cases and 91.2% of deaths

## Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,633	10.3%
Deaths	2,400	36.1%

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,350	47,723	2.83%

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
6,440,648	5,238,362	298,262	864,368	548,585	402,754	29,496	116,335

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	22,394	4.95%
Ever ICU	4,575	1.01%
Recovered	52,201	11.54%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	403
ICU	115
On Ventilator	51

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,471	4,684	64.4%
ICU Beds	1,135	680	62.5%
Ventilators	464	1,288	26.5%

## 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	10	2	1.9%	9.8%	2.0%	54.67%	59.80%	17.17%
Region 2	34	10	3	4.1%	8.2%	3.4%	55.95%	52.46%	21.35%
Region 3	137	28	14	3.7%	5.3%	3.2%	68.54%	61.16%	31.19%
Region 4	16	6	2	1.9%	5.6%	1.8%	66.08%	81.48%	24.11%
Region 5	92	34	16	3.3%	8.2%	3.2%	72.08%	69.23%	34.41%
Region 6	20	2	2	1.6%	1.1%	1.9%	66.59%	35.43%	32.71%
Region 7	21	6	3	3.3%	9.4%	2.4%	60.13%	59.38%	7.32%
Region 8	41	11	5	3.4%	8.1%	3.4%	53.13%	78.68%	22.45%
Region 9	19	2	1	2.9%	1.8%	1.2%	60.81%	51.75%	6.02%
Region 10	8	6	3	1.7%	13.3%	4.8%	48.52%	93.33%	20.97%

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	80,872	17.9%
Fayette	35,837	7.9%
Kenton	16,352	3.6%
Warren	16,023	3.5%
Boone	13,968	3.1%
Daviess	10,805	2.4%
Hardin	9,749	2.2%
Madison	9,359	2.1%
Campbell	8,459	1.9%
Oldham	7,637	1.7%
Bullitt	7,277	1.6%
Christian	6,946	1.5%
Laurel	6,716	1.5%
McCracken	6,670	1.5%
Pulaski	6,458	1.4%
Pike	5,586	1.2%
Scott	5,005	1.1%
Boyd	4,999	1.1%
Whitley	4,996	1.1%
Nelson	4,923	1.1%
Henderson	4,834	1.1%
Shelby	4,762	1.1%
Jessamine	4,673	1.0%
Hopkins	4,501	1.0%
Barren	4,459	1.0%
Graves	4,202	0.9%
Franklin	4,069	0.9%
Greenup	3,621	0.8%
Calloway	3,525	0.8%
Boyle	3,442	0.8%

County	Cases	Percent
Floyd	3,423	0.8%
Knox	3,312	0.7%
Taylor	3,156	0.7%
Bell	3,110	0.7%
Muhlenberg	2,963	0.7%
Clark	2,912	0.6%
Logan	2,858	0.6%
Harlan	2,838	0.6%
Marshall	2,802	0.6%
Montgomery	2,739	0.6%
Clay	2,675	0.6%
Perry	2,664	0.6%
Mercer	2,572	0.6%
Ohio	2,474	0.5%
Lincoln	2,337	0.5%
Marion	2,330	0.5%
Grant	2,311	0.5%
Carter	2,287	0.5%
Morgan	2,269	0.5%
Rowan	2,243	0.5%
Wayne	2,216	0.5%
Grayson	2,166	0.5%
Woodford	2,146	0.5%
Simpson	2,119	0.5%
Allen	2,080	0.5%
Meade	2,038	0.5%
McCreary	2,011	0.4%
Hart	1,991	0.4%
Johnson	1,970	0.4%
Letcher	1,917	0.4%

County	Cases	Percent
Adair	1,898	0.4%
Russell	1,877	0.4%
Anderson	1,747	0.4%
Harrison	1,705	0.4%
Bourbon	1,699	0.4%
Mason	1,697	0.4%
Spencer	1,606	0.4%
Rockcastle	1,554	0.3%
Lyon	1,536	0.3%
Garrard	1,533	0.3%
Butler	1,465	0.3%
Lawrence	1,455	0.3%
Caldwell	1,453	0.3%
Clinton	1,446	0.3%
Washington	1,444	0.3%
Casey	1,423	0.3%
Union	1,370	0.3%
Henry	1,362	0.3%
Lewis	1,339	0.3%
Larue	1,336	0.3%
Monroe	1,336	0.3%
Jackson	1,316	0.3%
Powell	1,304	0.3%
Trigg	1,301	0.3%
Webster	1,286	0.3%
Breckinridge	1,285	0.3%
Lee	1,283	0.3%
Green	1,222	0.3%
Fleming	1,200	0.3%
Todd	1,148	0.3%

County	Cases	Percent
Knott	1,143	0.3%
Estill	1,118	0.2%
Metcalfe	1,045	0.2%
Martin	1,032	0.2%
Pendleton	1,030	0.2%
Breathitt	1,028	0.2%
Carroll	1,013	0.2%
Bath	1,001	0.2%
Magoffin	963	0.2%
Elliott	962	0.2%
Leslie	919	0.2%
Edmonson	914	0.2%
Hancock	888	0.2%
McLean	886	0.2%
Livingston	853	0.2%
Cumberland	699	0.2%
Gallatin	699	0.2%
Owen	694	0.2%
Trimble	692	0.2%
Crittenden	665	0.1%
Bracken	640	0.1%
Nicholas	553	0.1%
Wolfe	531	0.1%
Fulton	524	0.1%
Owsley	496	0.1%
Menifee	478	0.1%
Carlisle	476	0.1%
Ballard	402	0.1%
Hickman	388	0.1%
Robertson	229	0.1%

Total Cases  
452,250

## New Cases by County

County	Cases	Percent
Jefferson	113	23.2%
Fayette	28	5.7%
McCracken	16	3.3%
Daviess	15	3.1%
Henderson	14	2.9%
Boone	13	2.7%
Johnson	12	2.5%
Kenton	12	2.5%
Pulaski	12	2.5%
Warren	12	2.5%
Hardin	9	1.8%
Taylor	9	1.8%
Jessamine	8	1.6%
Madison	8	1.6%
Campbell	7	1.4%
Grant	7	1.4%
Owen	7	1.4%
Franklin	6	1.2%
Hart	6	1.2%
Knox	6	1.2%
Webster	6	1.2%
Bourbon	5	1.0%
Boyd	5	1.0%
Clark	5	1.0%
Graves	5	1.0%
Hopkins	5	1.0%
Muhlenberg	5	1.0%
Rockcastle	5	1.0%
Scott	5	1.0%
Adair	4	0.8%

County	Cases	Percent
Grayson	4	0.8%
Harlan	4	0.8%
Laurel	4	0.8%
Lincoln	4	0.8%
Logan	4	0.8%
McCreary	4	0.8%
Russell	4	0.8%
Shelby	4	0.8%
Bullitt	3	0.6%
Carter	3	0.6%
Casey	3	0.6%
Estill	3	0.6%
Lewis	3	0.6%
Marshall	3	0.6%
Morgan	3	0.6%
Rowan	3	0.6%
Ballard	2	0.4%
Bell	2	0.4%
Boyle	2	0.4%
Bracken	2	0.4%
Carlisle	2	0.4%
Clay	2	0.4%
Fleming	2	0.4%
Garrard	2	0.4%
Greenup	2	0.4%
Hancock	2	0.4%
Hickman	2	0.4%
Lawrence	2	0.4%
McLean	2	0.4%
Martin	2	0.4%

County	Cases	Percent
Mercer	2	0.4%
Simpson	2	0.4%
Spencer	2	0.4%
Todd	2	0.4%
Union	2	0.4%
Woodford	2	0.4%
Allen	1	0.2%
Anderson	1	0.2%
Barren	1	0.2%
Breckinridge	1	0.2%
Calloway	1	0.2%
Christian	1	0.2%
Floyd	1	0.2%
Green	1	0.2%
Knott	1	0.2%
Larue	1	0.2%
Letcher	1	0.2%
Livingston	1	0.2%
Lyon	1	0.2%
Magoffin	1	0.2%
Meade	1	0.2%
Montgomery	1	0.2%
Nelson	1	0.2%
Ohio	1	0.2%
Perry	1	0.2%
Powell	1	0.2%
Washington	1	0.2%
Whitley	1	0.2%
Bath	0	0.0%
Breathitt	0	0.0%

County	Cases	Percent
Butler	0	0.0%
Caldwell	0	0.0%
Carroll	0	0.0%
Clinton	0	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Elliott	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Harrison	0	0.0%
Henry	0	0.0%
Jackson	0	0.0%
Lee	0	0.0%
Leslie	0	0.0%
Marion	0	0.0%
Mason	0	0.0%
Menifee	0	0.0%
Metcalfe	0	0.0%
Monroe	0	0.0%
Nicholas	0	0.0%
Oldham	0	0.0%
Owsley	0	0.0%
Pendleton	0	0.0%
Pike	0	0.0%
Robertson	0	0.0%
Trigg	0	0.0%
Trimble	0	0.0%
Wayne	0	0.0%
Wolfe	0	0.0%

Total New Cases  
488

Total Deaths by County

County	Deaths	Percent
Jefferson	1,194	18.0%
Fayette	303	4.6%
Daviess	184	2.8%
Kenton	176	2.6%
Warren	171	2.6%
Hardin	157	2.4%
Hopkins	146	2.2%
Boone	124	1.9%
McCracken	123	1.9%
Madison	109	1.6%
Christian	104	1.6%
Pulaski	97	1.5%
Pike	96	1.4%
Graves	93	1.4%
Barren	92	1.4%
Harlan	83	1.2%
Oldham	82	1.2%
Bullitt	75	1.1%
Boyd	74	1.1%
Henderson	74	1.1%
Laurel	71	1.1%
Boyle	70	1.1%
Campbell	70	1.1%
Shelby	70	1.1%
Floyd	69	1.0%
Logan	66	1.0%
Perry	66	1.0%
Jessamine	64	1.0%
Muhlenberg	64	1.0%
Greenup	59	0.9%

County	Deaths	Percent
Marshall	57	0.9%
Whitley	57	0.9%
Nelson	56	0.8%
Grayson	55	0.8%
Adair	54	0.8%
Bell	54	0.8%
Ohio	54	0.8%
Calloway	51	0.8%
Lincoln	50	0.8%
Mercer	50	0.8%
Taylor	48	0.7%
Franklin	47	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%
Washington	37	0.6%
Mason	36	0.5%
Carter	35	0.5%
Casey	35	0.5%
Garrard	35	0.5%
Johnson	35	0.5%
Lewis	35	0.5%
Scott	33	0.5%

County	Deaths	Percent
Jackson	32	0.5%
Caldwell	31	0.5%
Clinton	31	0.5%
McCreary	31	0.5%
Gallatin	30	0.5%
Montgomery	30	0.5%
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%
Edmonson	23	0.3%
Harrison	23	0.3%
Knott	23	0.3%
Rockcastle	23	0.3%
Spencer	23	0.3%
Anderson	22	0.3%
Bath	22	0.3%
Crittenden	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
Grant	19	0.3%
Lyon	19	0.3%
Bourbon	17	0.3%
Menifee	17	0.3%
Breckinridge	16	0.2%
Green	15	0.2%
Hancock	15	0.2%
Owsley	15	0.2%
Union	15	0.2%
Fulton	14	0.2%
Magoffin	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%
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%
Pendleton	5	0.1%
Wolfe	5	0.1%
Morgan	3	0.0%
Elliott	2	0.0%

Total Deaths  
6,648

## Incidence Rates by County

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

County	Rate
Webster	40.8
Rockcastle	31.7
Owen	27.5
Adair	25.3
Estill	23.3
Powell	20.8
Lewis	20.4
Union	19.9
Casey	19.4
Henderson	19.0
Morgan	18.2
Montgomery	17.8
Taylor	17.7
Fulton	16.8
Larue	15.9
Grayson	15.1
Mercer	14.3
Hart	14.3
Bracken	13.8
Bath	13.7
Boyd	12.8
Muhlenberg	12.6
Pulaski	12.5
Shelby	12.5
McCreary	12.4
Greenup	12.2
Mason	11.7
Todd	11.6
Lee	11.6
Leslie	11.6

County	Rate
Hancock	11.5
Warren	10.6
Lyon	10.4
Daviess	10.4
Russell	10.4
Lawrence	10.3
Hopkins	10.2
Fleming	9.8
Jessamine	9.8
Johnson	9.7
Knox	9.6
Laurel	9.6
Harlan	9.3
Jefferson	9.1
Logan	9.0
Ohio	8.9
Marion	8.9
Butler	8.9
Bourbon	8.7
Bullitt	8.6
Grant	8.5
Metcalfe	8.5
Washington	8.3
Hardin	8.2
Bell	8.2
Rowan	8.2
Lincoln	8.1
Franklin	8.1
Whitley	7.9
Nicholas	7.9

County	Rate
Fayette	7.8
Livingston	7.8
Perry	7.8
Oldham	7.7
Breckinridge	7.7
Pike	7.7
Anderson	7.5
Jackson	7.5
Graves	7.3
Garrard	7.3
Boyle	7.1
McCracken	7.0
Madison	6.9
Boone	6.8
Robertson	6.8
Carroll	6.7
Hickman	6.5
Scott	6.5
Owsley	6.5
Woodford	6.4
Carter	6.4
Christian	6.3
McLean	6.2
Clay	5.7
Elliott	5.7
Marshall	5.5
Meade	5.5
Simpson	5.4
Nelson	5.3
Green	5.2

County	Rate
Clark	5.1
Martin	5.1
Pendleton	4.9
Magoffin	4.7
Harrison	4.5
Menifee	4.4
Wayne	4.2
Monroe	4.0
Floyd	4.0
Kenton	3.9
Calloway	3.7
Barren	3.6
Henry	3.5
Breathitt	3.4
Trimble	3.4
Caldwell	3.4
Allen	3.4
Gallatin	3.2
Spencer	3.0
Clinton	2.8
Letcher	2.7
Edmonson	2.4
Wolfe	2.0
Campbell	1.8
Ballard	1.8
Knott	1.0
Carlisle	0.0
Crittenden	0.0
Cumberland	0.0
Trigg	0.0

Current Overall Incidence Rate  
8.68 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.