

# KY COVID-19 Report 15MAR21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	416,610	318,472	98,138
Deaths	5,005	4,535	470
New Cases	396	310	86
New Cases 18 and Under	40	30	10
New Deaths	23	21	2

1 duplicates and records not meeting case criteria removed since last report

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
17,693	4.2%	0-9	0.0%	1
43,864	10.5%	10-19	0.0%	1
75,358	18.1%	20-29	0.1%	3
64,244	15.4%	30-39	0.6%	30
62,905	15.1%	40-49	1.8%	90
60,461	14.5%	50-59	6.1%	307
46,408	11.1%	60-69	17.3%	868
27,749	6.7%	70-79	28.3%	1,416
17,711	4.3%	80+	45.7%	2,289
217	0.1%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
844	0.2%	American Indian	0.1%	4
3,739	1.1%	Asian	0.5%	24
27,373	8.0%	Black	8.2%	385
374	0.1%	Pacific Islander	0.0%	2
292,086	85.7%	White	88.5%	4,143
16,527	4.8%	Multiracial	2.6%	124

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
17,713	5.5%	Hispanic	1.7%	74
305,928	94.5%	Non-Hispanic	98.3%	4,392

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 81.8% of cases and 93.5% of deaths  
Ethnicity known for 77.7% of cases and 89.2% of deaths

## Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,119	11.1%
Deaths	2,374	47.4%

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
2,533	63,518	3.99%

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
4,695,397	4,045,189	112,576	537,632	303,366	254,677	10,254	38,435

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	19,868	4.77%
Ever ICU	4,115	0.99%
Recovered	48,720	11.69%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	464
ICU	114
On Ventilator	67

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,957	5,345	59.8%
ICU Beds	1,091	712	60.5%
Ventilators	495	1,284	27.8%

## 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	20	11	5	2.5%	10.8%	5.1%	54.42%	69.61%	20.20%
Region 2	17	6	2	2.1%	4.9%	2.3%	50.12%	44.26%	20.93%
Region 3	160	27	21	4.2%	5.2%	4.8%	58.37%	56.05%	33.94%
Region 4	37	5	2	4.3%	4.6%	1.8%	44.01%	62.96%	14.04%
Region 5	94	27	17	3.4%	6.5%	3.3%	69.29%	66.59%	35.27%
Region 6	36	2	1	2.8%	1.1%	1.0%	69.84%	40.00%	38.24%
Region 7	11	3	3	1.8%	4.7%	2.5%	59.17%	62.50%	3.36%
Region 8	38	12	7	3.2%	8.8%	4.8%	51.21%	83.82%	25.34%
Region 9	42	13	6	6.3%	11.4%	6.0%	66.37%	55.26%	16.00%
Region 10	9	8	3	1.9%	17.8%	4.9%	56.54%	93.33%	24.59%

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	74,891	18.0%
Fayette	33,443	8.0%
Kenton	15,379	3.7%
Warren	14,805	3.6%
Boone	12,942	3.1%
Daviess	9,906	2.4%
Hardin	9,062	2.2%
Madison	8,831	2.1%
Campbell	8,024	1.9%
Oldham	7,128	1.7%
Bullitt	6,390	1.5%
Christian	6,309	1.5%
Laurel	6,052	1.5%
McCracken	5,993	1.4%
Pulaski	5,900	1.4%
Pike	5,254	1.3%
Boyd	4,704	1.1%
Nelson	4,686	1.1%
Shelby	4,443	1.1%
Whitley	4,398	1.1%
Henderson	4,380	1.1%
Scott	4,335	1.0%
Jessamine	4,294	1.0%
Barren	4,145	1.0%
Hopkins	4,044	1.0%
Graves	4,019	1.0%
Franklin	3,804	0.9%
Calloway	3,423	0.8%
Greenup	3,384	0.8%
Boyle	3,206	0.8%

County	Cases	Percent
Floyd	3,110	0.7%
Knox	3,076	0.7%
Taylor	2,871	0.7%
Bell	2,849	0.7%
Muhlenberg	2,806	0.7%
Marshall	2,597	0.6%
Logan	2,566	0.6%
Clay	2,514	0.6%
Clark	2,496	0.6%
Harlan	2,453	0.6%
Perry	2,428	0.6%
Mercer	2,394	0.6%
Montgomery	2,355	0.6%
Ohio	2,350	0.6%
Marion	2,180	0.5%
Lincoln	2,149	0.5%
Grant	2,139	0.5%
Carter	2,086	0.5%
Morgan	2,061	0.5%
Wayne	2,058	0.5%
Rowan	2,044	0.5%
Woodford	2,025	0.5%
Grayson	1,996	0.5%
Meade	1,891	0.5%
Hart	1,862	0.4%
Allen	1,855	0.4%
Johnson	1,832	0.4%
McCreary	1,815	0.4%
Letcher	1,742	0.4%
Russell	1,738	0.4%

County	Cases	Percent
Simpson	1,730	0.4%
Adair	1,658	0.4%
Anderson	1,658	0.4%
Bourbon	1,589	0.4%
Harrison	1,560	0.4%
Spencer	1,534	0.4%
Mason	1,484	0.4%
Lyon	1,476	0.4%
Garrard	1,430	0.3%
Clinton	1,396	0.3%
Rockcastle	1,389	0.3%
Washington	1,373	0.3%
Butler	1,358	0.3%
Lawrence	1,299	0.3%
Union	1,281	0.3%
Henry	1,268	0.3%
Caldwell	1,262	0.3%
Monroe	1,254	0.3%
Larue	1,253	0.3%
Jackson	1,234	0.3%
Casey	1,225	0.3%
Lee	1,209	0.3%
Webster	1,176	0.3%
Green	1,143	0.3%
Trigg	1,138	0.3%
Breckinridge	1,121	0.3%
Lewis	1,110	0.3%
Fleming	1,098	0.3%
Knott	1,091	0.3%
Todd	1,027	0.2%

County	Cases	Percent
Powell	1,017	0.2%
Estill	1,000	0.2%
Metcalfe	986	0.2%
Pendleton	976	0.2%
Martin	962	0.2%
Breathitt	945	0.2%
Elliott	935	0.2%
Carroll	933	0.2%
Magoffin	882	0.2%
McLean	844	0.2%
Edmonson	834	0.2%
Leslie	831	0.2%
Hancock	814	0.2%
Bath	798	0.2%
Livingston	777	0.2%
Gallatin	670	0.2%
Cumberland	663	0.2%
Owen	631	0.2%
Trimble	623	0.1%
Crittenden	574	0.1%
Bracken	533	0.1%
Fulton	489	0.1%
Nicholas	477	0.1%
Owsley	453	0.1%
Wolfe	451	0.1%
Carlisle	447	0.1%
Menifee	416	0.1%
Ballard	366	0.1%
Hickman	332	0.1%
Robertson	195	0.0%

Total Cases  
416,610

## New Cases by County

County	Cases	Percent
Jefferson	91	23.0%
Fayette	34	8.6%
Warren	16	4.0%
Laurel	14	3.5%
Knox	12	3.0%
McCracken	12	3.0%
Boone	11	2.8%
Clay	9	2.3%
Hardin	9	2.3%
Madison	9	2.3%
Campbell	8	2.0%
Jessamine	8	2.0%
Franklin	7	1.8%
Kenton	7	1.8%
Powell	7	1.8%
Allen	6	1.5%
Estill	6	1.5%
Henderson	6	1.5%
Spencer	6	1.5%
Taylor	6	1.5%
Greenup	5	1.3%
Barren	4	1.0%
Carlisle	4	1.0%
Christian	4	1.0%
Daviess	4	1.0%
Hopkins	4	1.0%
Muhlenberg	4	1.0%
Nelson	4	1.0%
Oldham	4	1.0%
Caldwell	3	0.8%

County	Cases	Percent
Carter	3	0.8%
Floyd	3	0.8%
Montgomery	3	0.8%
Ohio	3	0.8%
Todd	3	0.8%
Breckinridge	2	0.5%
Carroll	2	0.5%
Graves	2	0.5%
Harrison	2	0.5%
Hart	2	0.5%
Henry	2	0.5%
Livingston	2	0.5%
Marion	2	0.5%
Monroe	2	0.5%
Pendleton	2	0.5%
Pulaski	2	0.5%
Rockcastle	2	0.5%
Scott	2	0.5%
Woodford	2	0.5%
Anderson	1	0.3%
Bell	1	0.3%
Boyd	1	0.3%
Bullitt	1	0.3%
Butler	1	0.3%
Calloway	1	0.3%
Clark	1	0.3%
Edmonson	1	0.3%
Elliott	1	0.3%
Garrard	1	0.3%
Grayson	1	0.3%

County	Cases	Percent
Green	1	0.3%
Harlan	1	0.3%
Johnson	1	0.3%
Larue	1	0.3%
Leslie	1	0.3%
Logan	1	0.3%
Lyon	1	0.3%
McLean	1	0.3%
Marshall	1	0.3%
Meade	1	0.3%
Mercer	1	0.3%
Nicholas	1	0.3%
Simpson	1	0.3%
Trimble	1	0.3%
Washington	1	0.3%
Webster	1	0.3%
Whitley	1	0.3%
Wolfe	1	0.3%
Adair	0	0.0%
Ballard	0	0.0%
Bath	0	0.0%
Bourbon	0	0.0%
Boyle	0	0.0%
Bracken	0	0.0%
Breathitt	0	0.0%
Casey	0	0.0%
Clinton	0	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Fleming	0	0.0%

County	Cases	Percent
Fulton	0	0.0%
Gallatin	0	0.0%
Grant	0	0.0%
Hancock	0	0.0%
Hickman	0	0.0%
Jackson	0	0.0%
Knott	0	0.0%
Lawrence	0	0.0%
Lee	0	0.0%
Letcher	0	0.0%
Lewis	0	0.0%
Lincoln	0	0.0%
McCreary	0	0.0%
Magoffin	0	0.0%
Martin	0	0.0%
Mason	0	0.0%
Menifee	0	0.0%
Metcalfe	0	0.0%
Morgan	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Perry	0	0.0%
Pike	0	0.0%
Robertson	0	0.0%
Rowan	0	0.0%
Russell	0	0.0%
Shelby	0	0.0%
Trigg	0	0.0%
Union	0	0.0%
Wayne	0	0.0%

Total New Cases  
396

Total Deaths by County

County	Deaths	Percent
Jefferson	880	17.6%
Fayette	243	4.9%
Daviess	162	3.2%
Warren	143	2.9%
Kenton	134	2.7%
Hopkins	127	2.5%
Hardin	109	2.2%
Madison	90	1.8%
Pulaski	84	1.7%
Christian	83	1.7%
Boone	81	1.6%
McCracken	81	1.6%
Graves	76	1.5%
Barren	72	1.4%
Harlan	72	1.4%
Oldham	70	1.4%
Pike	63	1.3%
Henderson	60	1.2%
Jessamine	55	1.1%
Logan	55	1.1%
Shelby	52	1.0%
Muhlenberg	51	1.0%
Adair	50	1.0%
Bullitt	50	1.0%
Marshall	49	1.0%
Campbell	48	1.0%
Grayson	48	1.0%
Ohio	48	1.0%
Boyd	47	0.9%
Perry	47	0.9%

County	Deaths	Percent
Floyd	45	0.9%
Nelson	44	0.9%
Boyle	43	0.9%
Wayne	42	0.8%
Calloway	39	0.8%
Monroe	38	0.8%
Russell	38	0.8%
Bell	36	0.7%
Greenup	36	0.7%
Laurel	36	0.7%
Mercer	36	0.7%
Lincoln	35	0.7%
Hart	34	0.7%
Letcher	34	0.7%
Casey	33	0.7%
Franklin	33	0.7%
Taylor	33	0.7%
Lewis	31	0.6%
Washington	31	0.6%
Clay	30	0.6%
Simpson	30	0.6%
Jackson	29	0.6%
Mason	29	0.6%
Marion	28	0.6%
Clinton	27	0.5%
Montgomery	27	0.5%
Allen	26	0.5%
McCreary	26	0.5%
Scott	26	0.5%
Clark	25	0.5%

County	Deaths	Percent
McLean	25	0.5%
Carter	24	0.5%
Todd	24	0.5%
Whitley	24	0.5%
Butler	23	0.5%
Caldwell	23	0.5%
Larue	21	0.4%
Metcalfe	21	0.4%
Gallatin	20	0.4%
Johnson	20	0.4%
Knott	20	0.4%
Lawrence	20	0.4%
Bath	19	0.4%
Edmonson	19	0.4%
Lee	19	0.4%
Garrard	18	0.4%
Livingston	18	0.4%
Meade	18	0.4%
Webster	18	0.4%
Anderson	17	0.3%
Crittenden	17	0.3%
Woodford	16	0.3%
Fleming	15	0.3%
Lyon	15	0.3%
Rockcastle	15	0.3%
Rowan	15	0.3%
Grant	14	0.3%
Hancock	14	0.3%
Knox	14	0.3%
Martin	14	0.3%

County	Deaths	Percent
Menifee	14	0.3%
Green	13	0.3%
Robertson	13	0.3%
Spencer	13	0.3%
Union	13	0.3%
Harrison	12	0.2%
Carroll	10	0.2%
Owsley	10	0.2%
Breckinridge	9	0.2%
Fulton	9	0.2%
Trigg	9	0.2%
Bourbon	8	0.2%
Cumberland	8	0.2%
Henry	8	0.2%
Owen	8	0.2%
Breathitt	7	0.1%
Hickman	7	0.1%
Ballard	6	0.1%
Nicholas	6	0.1%
Bracken	5	0.1%
Wolfe	5	0.1%
Carlisle	4	0.1%
Estill	3	0.1%
Leslie	3	0.1%
Powell	3	0.1%
Trimble	3	0.1%
Elliott	2	0.0%
Magoffin	2	0.0%
Morgan	1	0.0%
Pendleton	1	0.0%

Total Deaths  
5,005

## Incidence Rates by County

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

County	Rate
Lyon	783.0
Carroll	34.9
Knox	34.9
Powell	33.5
Clay	33.0
Owsley	32.4
Laurel	28.7
Butler	25.5
Bell	23.0
Trimble	21.9
Adair	21.6
Green	20.9
Carter	20.3
Whitley	20.1
Simpson	20.0
Rowan	17.5
Taylor	17.2
Larue	16.9
Wayne	16.9
Allen	16.8
Ohio	16.7
Pendleton	16.6
McCreary	16.6
Hopkins	16.3
Jackson	16.1
Scott	16.0
Barren	15.5
Garrard	15.4
Nelson	15.1
Harlan	14.8

County	Rate
Martin	14.0
Lawrence	14.0
Clinton	14.0
Morgan	14.0
Clark	13.8
Pulaski	13.4
Estill	13.2
Greenup	13.0
Harrison	12.9
Todd	12.8
Fayette	12.7
Bath	12.6
Mason	12.6
Breathitt	12.4
Jessamine	12.4
Casey	12.4
Madison	12.3
Boone	12.1
Rockcastle	12.0
Russell	12.0
Nicholas	11.8
Logan	11.6
Jefferson	11.6
Warren	11.5
Daviess	11.4
Kenton	11.4
Gallatin	11.3
Campbell	10.8
Hardin	10.8
Shelby	10.8

County	Rate
Bullitt	10.7
Franklin	10.6
Henry	10.6
Oldham	10.5
Leslie	10.1
Caldwell	10.1
Anderson	10.0
Spencer	9.6
Boyle	9.5
Washington	9.4
Edmonson	9.4
Montgomery	9.1
Pike	8.9
Floyd	8.8
Fleming	8.8
Marshall	8.7
Grant	8.5
Metcalfe	8.5
Mercer	8.5
Christian	8.3
Hart	8.3
Hancock	8.2
Marion	8.2
Monroe	8.0
Woodford	8.0
Wolfe	8.0
Henderson	7.9
McCracken	7.6
Letcher	7.3
Graves	7.3

County	Rate
Bourbon	7.2
Perry	7.2
Lincoln	7.0
Bracken	6.9
Robertson	6.8
Webster	6.6
Grayson	6.5
Lewis	6.5
McLean	6.2
Boyd	6.1
Carlisle	6.0
Muhlenberg	5.6
Breckinridge	5.6
Meade	5.5
Calloway	5.5
Johnson	5.2
Cumberland	4.3
Knott	3.9
Elliott	3.8
Ballard	3.6
Crittenden	3.2
Livingston	3.1
Trigg	2.9
Fulton	2.4
Menifee	2.2
Lee	1.9
Owen	1.3
Magoffin	1.2
Union	1.0
Hickman	0.0

Current Overall Incidence Rate  
13.39 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.