

# KY COVID-19 Report 04MAR21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	408,440	312,930	95,510
Deaths	4,732	4,292	440
New Cases	1,068	731	337
New Cases 18 and Under	139	76	63
New Deaths	28	25	3

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

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
17,137	4.2%	0-9	0.0%	1
42,844	10.5%	10-19	0.0%	1
73,972	18.1%	20-29	0.1%	3
62,991	15.4%	30-39	0.6%	29
61,716	15.1%	40-49	1.7%	82
59,266	14.5%	50-59	6.1%	288
45,558	11.2%	60-69	17.5%	829
27,294	6.7%	70-79	28.0%	1,325
17,459	4.3%	80+	45.9%	2,174
203	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
823	0.3%	American Indian	0.1%	4
3,624	1.2%	Asian	0.5%	23
26,476	8.5%	Black	8.4%	369
374	0.1%	Pacific Islander	0.0%	2
263,027	84.8%	White	88.3%	3,859
15,901	5.1%	Multiracial	2.6%	114

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
17,374	5.5%	Hispanic	1.7%	72
298,329	94.5%	Non-Hispanic	98.3%	4,139

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 76.0% of cases and 92.4% of deaths  
Ethnicity known for 77.3% of cases and 89.0% of deaths

## Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	45,401	11.1%
Deaths	2,358	49.8%

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
3,076	69,133	4.45%

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
4,567,702	3,954,639	111,691	501,372	298,406	251,183	9,815	37,408

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	19,364	4.74%
Ever ICU	4,020	0.98%
Recovered	47,992	11.75%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	645
ICU	172
On Ventilator	91

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,608	4,682	64.8%
ICU Beds	1,141	662	63.3%
Ventilators	522	1,246	29.5%

### 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	25	11	15	3.2%	10.8%	15.2%	70.33%	67.65%	16.16%
Region 2	24	6	3	2.9%	4.9%	3.5%	58.37%	51.64%	20.93%
Region 3	249	61	33	6.5%	11.7%	7.6%	62.25%	60.46%	35.01%
Region 4	32	7	5	3.8%	6.5%	4.4%	53.64%	68.52%	17.54%
Region 5	104	22	11	3.8%	5.3%	2.2%	70.05%	62.74%	37.32%
Region 6	67	17	6	5.2%	9.7%	5.7%	79.50%	55.43%	42.45%
Region 7	21	5	2	3.3%	7.8%	1.7%	64.11%	78.13%	9.92%
Region 8	59	18	9	4.9%	13.2%	6.0%	56.64%	75.74%	28.86%
Region 9	44	14	2	6.6%	12.3%	2.0%	68.32%	59.65%	6.93%
Region 10	20	11	5	4.2%	24.4%	8.1%	52.74%	91.11%	38.71%

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	73,540	18.0%
Fayette	32,837	8.0%
Kenton	15,024	3.7%
Warren	14,626	3.6%
Boone	12,654	3.1%
Daviess	9,779	2.4%
Hardin	8,907	2.2%
Madison	8,708	2.1%
Campbell	7,838	1.9%
Oldham	6,998	1.7%
Christian	6,247	1.5%
Bullitt	6,245	1.5%
Laurel	5,893	1.4%
McCracken	5,842	1.4%
Pulaski	5,802	1.4%
Pike	5,184	1.3%
Boyd	4,661	1.1%
Nelson	4,614	1.1%
Shelby	4,380	1.1%
Henderson	4,337	1.1%
Whitley	4,283	1.0%
Jessamine	4,209	1.0%
Scott	4,135	1.0%
Barren	4,072	1.0%
Graves	3,969	1.0%
Hopkins	3,959	1.0%
Franklin	3,687	0.9%
Calloway	3,399	0.8%
Greenup	3,336	0.8%
Boyle	3,162	0.8%

County	Cases	Percent
Floyd	3,052	0.7%
Knox	2,957	0.7%
Taylor	2,812	0.7%
Bell	2,778	0.7%
Muhlenberg	2,755	0.7%
Marshall	2,565	0.6%
Logan	2,516	0.6%
Clay	2,448	0.6%
Clark	2,434	0.6%
Harlan	2,409	0.6%
Mercer	2,371	0.6%
Perry	2,356	0.6%
Montgomery	2,317	0.6%
Ohio	2,306	0.6%
Marion	2,161	0.5%
Lincoln	2,130	0.5%
Grant	2,086	0.5%
Morgan	2,038	0.5%
Carter	2,021	0.5%
Wayne	2,019	0.5%
Woodford	1,992	0.5%
Rowan	1,984	0.5%
Grayson	1,970	0.5%
Meade	1,874	0.5%
Hart	1,837	0.4%
Johnson	1,815	0.4%
Allen	1,810	0.4%
McCreary	1,783	0.4%
Letcher	1,704	0.4%
Russell	1,691	0.4%

County	Cases	Percent
Simpson	1,691	0.4%
Anderson	1,630	0.4%
Adair	1,616	0.4%
Bourbon	1,559	0.4%
Harrison	1,518	0.4%
Spencer	1,509	0.4%
Mason	1,456	0.4%
Garrard	1,407	0.3%
Caldwell	1,397	0.3%
Clinton	1,368	0.3%
Rockcastle	1,359	0.3%
Washington	1,343	0.3%
Butler	1,325	0.3%
Lawrence	1,273	0.3%
Union	1,271	0.3%
Monroe	1,248	0.3%
Henry	1,237	0.3%
Larue	1,227	0.3%
Jackson	1,214	0.3%
Casey	1,213	0.3%
Lee	1,195	0.3%
Webster	1,167	0.3%
Trigg	1,123	0.3%
Green	1,112	0.3%
Breckinridge	1,110	0.3%
Lewis	1,100	0.3%
Fleming	1,086	0.3%
Knott	1,063	0.3%
Todd	1,008	0.2%
Powell	981	0.2%

County	Cases	Percent
Estill	979	0.2%
Metcalfe	975	0.2%
Pendleton	948	0.2%
Martin	943	0.2%
Elliott	931	0.2%
Breathitt	926	0.2%
Carroll	893	0.2%
Magoffin	879	0.2%
Lyon	839	0.2%
McLean	837	0.2%
Edmonson	825	0.2%
Leslie	808	0.2%
Hancock	806	0.2%
Bath	779	0.2%
Livingston	768	0.2%
Cumberland	658	0.2%
Gallatin	651	0.2%
Owen	626	0.2%
Trimble	608	0.1%
Crittenden	569	0.1%
Bracken	525	0.1%
Fulton	482	0.1%
Nicholas	464	0.1%
Wolfe	440	0.1%
Carlisle	435	0.1%
Owsley	431	0.1%
Menifee	412	0.1%
Ballard	351	0.1%
Hickman	327	0.1%
Robertson	193	0.0%

Total Cases  
408,440

## New Cases by County

County	Cases	Percent
Jefferson	152	14.2%
Lyon	127	11.9%
Fayette	51	4.8%
Boone	47	4.4%
Caldwell	45	4.2%
Kenton	36	3.4%
Oldham	30	2.8%
Campbell	24	2.2%
Rowan	22	2.1%
Scott	22	2.1%
Warren	22	2.1%
Hardin	19	1.8%
Daviess	18	1.7%
Franklin	17	1.6%
Laurel	17	1.6%
Marshall	17	1.6%
McCracken	15	1.4%
Madison	15	1.4%
Bell	14	1.3%
Grant	14	1.3%
Shelby	14	1.3%
Jessamine	11	1.0%
Barren	10	0.9%
Harlan	10	0.9%
Pike	10	0.9%
Wayne	10	0.9%
Casey	9	0.8%
Clay	9	0.8%
Muhlenberg	9	0.8%
Adair	8	0.7%

County	Cases	Percent
Bullitt	8	0.7%
Johnson	8	0.7%
Leslie	8	0.7%
Boyd	7	0.7%
Graves	7	0.7%
Knox	7	0.7%
Perry	7	0.7%
Pulaski	7	0.7%
Garrard	6	0.6%
Logan	6	0.6%
Montgomery	6	0.6%
Taylor	6	0.6%
Christian	5	0.5%
Clark	5	0.5%
Floyd	5	0.5%
Green	5	0.5%
Greenup	5	0.5%
Hopkins	5	0.5%
McCreary	5	0.5%
Martin	5	0.5%
Ohio	5	0.5%
Bath	4	0.4%
Bourbon	4	0.4%
Breathitt	4	0.4%
Breckinridge	4	0.4%
Butler	4	0.4%
Calloway	4	0.4%
Grayson	4	0.4%
Harrison	4	0.4%
Knott	4	0.4%

County	Cases	Percent
Lawrence	4	0.4%
Mercer	4	0.4%
Simpson	4	0.4%
Wolfe	4	0.4%
Anderson	3	0.3%
Clinton	3	0.3%
Marion	3	0.3%
Nelson	3	0.3%
Pendleton	3	0.3%
Robertson	3	0.3%
Washington	3	0.3%
Whitley	3	0.3%
Woodford	3	0.3%
Allen	2	0.2%
Ballard	2	0.2%
Bracken	2	0.2%
Carroll	2	0.2%
Jackson	2	0.2%
Larue	2	0.2%
Livingston	2	0.2%
Metcalfe	2	0.2%
Nicholas	2	0.2%
Russell	2	0.2%
Trigg	2	0.2%
Carlisle	1	0.1%
Crittenden	1	0.1%
Edmonson	1	0.1%
Estill	1	0.1%
Hancock	1	0.1%
Hart	1	0.1%

County	Cases	Percent
Henderson	1	0.1%
Henry	1	0.1%
Lewis	1	0.1%
Lincoln	1	0.1%
Powell	1	0.1%
Rockcastle	1	0.1%
Spencer	1	0.1%
Union	1	0.1%
Webster	1	0.1%
Boyle	0	0.0%
Carter	0	0.0%
Cumberland	0	0.0%
Elliott	0	0.0%
Fleming	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Hickman	0	0.0%
Lee	0	0.0%
Letcher	0	0.0%
McLean	0	0.0%
Magoffin	0	0.0%
Mason	0	0.0%
Meade	0	0.0%
Menifee	0	0.0%
Monroe	0	0.0%
Morgan	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Todd	0	0.0%
Trimble	0	0.0%

Total New Cases  
1,068

## Total Deaths by County

County	Deaths	Percent
Jefferson	835	17.6%
Fayette	228	4.8%
Daviess	162	3.4%
Warren	139	2.9%
Kenton	128	2.7%
Hopkins	126	2.7%
Hardin	97	2.0%
Madison	90	1.9%
Pulaski	81	1.7%
Boone	79	1.7%
Christian	76	1.6%
Graves	73	1.5%
McCracken	72	1.5%
Barren	71	1.5%
Harlan	70	1.5%
Oldham	69	1.5%
Pike	60	1.3%
Henderson	58	1.2%
Jessamine	53	1.1%
Logan	51	1.1%
Shelby	51	1.1%
Adair	50	1.1%
Bullitt	49	1.0%
Marshall	49	1.0%
Muhlenberg	49	1.0%
Grayson	48	1.0%
Campbell	47	1.0%
Ohio	47	1.0%
Boyd	44	0.9%
Floyd	44	0.9%

County	Deaths	Percent
Nelson	43	0.9%
Wayne	40	0.8%
Perry	39	0.8%
Boyle	38	0.8%
Calloway	38	0.8%
Monroe	38	0.8%
Russell	38	0.8%
Bell	35	0.7%
Casey	33	0.7%
Hart	33	0.7%
Lincoln	33	0.7%
Mercer	33	0.7%
Taylor	32	0.7%
Laurel	31	0.7%
Lewis	31	0.7%
Franklin	30	0.6%
Letcher	30	0.6%
Simpson	30	0.6%
Washington	30	0.6%
Jackson	29	0.6%
Mason	27	0.6%
Clay	26	0.5%
Clinton	26	0.5%
Scott	26	0.5%
McLean	25	0.5%
Marion	24	0.5%
Montgomery	24	0.5%
Todd	24	0.5%
Butler	23	0.5%
Caldwell	23	0.5%

County	Deaths	Percent
Carter	23	0.5%
Clark	23	0.5%
Greenup	23	0.5%
Allen	22	0.5%
McCreary	22	0.5%
Whitley	21	0.4%
Lawrence	20	0.4%
Metcalfe	20	0.4%
Gallatin	19	0.4%
Lee	19	0.4%
Edmonson	18	0.4%
Johnson	18	0.4%
Webster	18	0.4%
Crittenden	17	0.4%
Knott	17	0.4%
Larue	17	0.4%
Livingston	17	0.4%
Meade	17	0.4%
Anderson	16	0.3%
Bath	16	0.3%
Rockcastle	15	0.3%
Fleming	14	0.3%
Grant	14	0.3%
Hancock	14	0.3%
Green	13	0.3%
Lyon	13	0.3%
Menifee	13	0.3%
Robertson	13	0.3%
Rowan	13	0.3%
Spencer	13	0.3%

County	Deaths	Percent
Union	13	0.3%
Garrard	12	0.3%
Knox	11	0.2%
Martin	11	0.2%
Carroll	10	0.2%
Owsley	10	0.2%
Breckinridge	9	0.2%
Harrison	9	0.2%
Cumberland	8	0.2%
Henry	8	0.2%
Owen	8	0.2%
Trigg	8	0.2%
Bourbon	7	0.1%
Fulton	7	0.1%
Hickman	7	0.1%
Breathitt	6	0.1%
Nicholas	6	0.1%
Ballard	5	0.1%
Bracken	4	0.1%
Carlisle	4	0.1%
Wolfe	4	0.1%
Woodford	4	0.1%
Powell	3	0.1%
Trimble	3	0.1%
Elliott	2	0.0%
Estill	2	0.0%
Leslie	2	0.0%
Magoffin	1	0.0%
Morgan	1	0.0%
Pendleton	1	0.0%

Total Deaths  
4,732

## Incidence Rates by County

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

County	Rate
Lyon	280.1
Caldwell	66.1
Robertson	54.2
Clay	49.5
Taylor	47.7
McCreary	43.9
Knox	42.7
Adair	41.7
Green	40.5
Simpson	34.6
Russell	32.7
Owsley	29.1
Bell	28.5
Clinton	26.6
Whitley	26.0
Wayne	26.0
Mason	25.9
Rowan	25.1
Lawrence	24.2
Martin	24.2
Logan	23.7
Pendleton	23.5
Pulaski	23.1
Laurel	22.8
Jessamine	22.4
Larue	21.8
Grant	21.7
Muhlenberg	21.5
Pike	19.5
Crittenden	19.5

County	Rate
Madison	19.2
Hardin	19.1
Carroll	18.8
Boone	18.0
Butler	17.7
Harlan	17.6
Johnson	17.4
Leslie	17.4
Cumberland	17.3
Ohio	17.3
Fayette	17.2
Rockcastle	17.1
Barren	17.1
Jefferson	17.1
Shelby	16.6
Grayson	16.2
Garrard	16.2
Scott	16.0
Bourbon	15.9
Warren	15.8
Daviess	15.8
Hart	15.8
Anderson	15.7
Metcalfe	15.6
Kenton	15.5
Washington	15.4
Calloway	15.0
Jackson	15.0
Marshall	14.7
Campbell	14.5

County	Rate
Oldham	14.3
Casey	14.1
Bullitt	14.0
Livingston	14.0
Powell	13.9
Hopkins	13.7
Harrison	13.6
Boyd	13.5
Lincoln	13.4
Henry	13.3
Floyd	12.8
Knott	12.5
Greenup	12.2
Allen	12.1
Marion	11.9
Trimble	11.8
Nelson	11.7
Carter	11.7
Estill	11.1
McCracken	11.1
Perry	11.1
Morgan	10.7
Woodford	10.7
Meade	10.5
Breckinridge	10.5
Bracken	10.3
Bath	10.3
Wolfe	10.0
Hickman	9.8
Lewis	9.7

County	Rate
Graves	9.6
Boyle	9.5
Letcher	9.3
Mercer	9.1
Clark	9.1
Breathitt	9.0
Franklin	9.0
Spencer	8.9
Menifee	8.8
Edmonson	8.2
Gallatin	8.1
Henderson	7.9
Fleming	7.8
Trigg	7.8
McLean	7.8
Christian	7.7
Fulton	7.2
Montgomery	7.1
Hancock	6.6
Nicholas	5.9
Elliott	5.7
Ballard	5.4
Webster	4.4
Owen	3.9
Magoffin	3.5
Carlisle	3.0
Union	3.0
Todd	2.3
Lee	1.9
Monroe	1.3

**Current Overall Incidence Rate**  
17.20 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.