

KY COVID-19 Report 18MAR21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	419,149	320,032	99,117
Deaths	5,504	4,987	517
New Cases	785	472	313
New Cases 18 and Under	164	107	57
New Deaths	448	406	42

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
17,856	4.3%	0-9	0.0%	1
44,194	10.5%	10-19	0.0%	1
75,829	18.1%	20-29	0.1%	4
64,604	15.4%	30-39	0.6%	32
63,260	15.1%	40-49	1.7%	94
60,805	14.5%	50-59	5.9%	325
46,695	11.1%	60-69	17.1%	941
27,890	6.7%	70-79	27.9%	1,534
17,794	4.2%	80+	46.7%	2,572
222	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
847	0.2%	American Indian	0.1%	5
3,758	1.1%	Asian	0.5%	26
27,619	8.0%	Black	8.1%	418
374	0.1%	Pacific Islander	0.0%	2
294,630	85.7%	White	88.7%	4,579
16,692	4.9%	Multiracial	2.6%	132

Cases	Case Percent	Ethnicity	Death Percent	Deaths
17,849	5.5%	Hispanic	1.5%	76
308,428	94.5%	Non-Hispanic	98.5%	4,858

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 82.1% of cases and 93.8% of deaths
Ethnicity known for 77.8% of cases and 89.6% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,182	11.0%
Deaths	2,370	43.1%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
2,158	66,797	3.23%

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
4,739,044	4,072,876	112,862	553,306	304,774	255,456	10,393	38,925

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	20,053	4.78%
Ever ICU	4,148	0.99%
Recovered	48,964	11.68%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	449
ICU	110
On Ventilator	57

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,423	4,879	63.3%
ICU Beds	1,074	729	59.6%
Ventilators	508	1,262	28.7%

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	22	11	6	2.8%	10.8%	5.9%	54.04%	62.75%	16.83%
Region 2	19	3	2	2.3%	2.5%	2.3%	55.70%	54.10%	16.28%
Region 3	161	30	19	4.2%	5.8%	4.4%	63.54%	55.85%	33.94%
Region 4	28	5	3	3.3%	4.6%	2.6%	52.70%	66.67%	14.04%
Region 5	103	25	15	3.7%	6.0%	3.0%	71.14%	64.18%	38.62%
Region 6	25	2	1	1.9%	1.1%	0.9%	74.57%	37.14%	48.15%
Region 7	15	4	3	2.4%	6.3%	2.5%	56.78%	60.94%	6.61%
Region 8	33	11	5	2.8%	8.1%	3.4%	57.64%	82.35%	26.85%
Region 9	36	12	3	5.4%	10.5%	3.0%	67.72%	52.63%	12.87%
Region 10	7	7	0	1.5%	15.6%	0.0%	50.00%	84.44%	16.13%

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	75,320	18.0%
Fayette	33,614	8.0%
Kenton	15,442	3.7%
Warren	14,878	3.5%
Boone	13,012	3.1%
Daviess	9,959	2.4%
Hardin	9,134	2.2%
Madison	8,873	2.1%
Campbell	8,056	1.9%
Oldham	7,189	1.7%
Bullitt	6,422	1.5%
Christian	6,349	1.5%
Laurel	6,109	1.5%
McCracken	6,042	1.4%
Pulaski	5,951	1.4%
Pike	5,291	1.3%
Boyd	4,718	1.1%
Nelson	4,705	1.1%
Shelby	4,447	1.1%
Whitley	4,440	1.1%
Henderson	4,410	1.1%
Scott	4,375	1.0%
Jessamine	4,314	1.0%
Barren	4,168	1.0%
Hopkins	4,108	1.0%
Graves	4,026	1.0%
Franklin	3,822	0.9%
Calloway	3,430	0.8%
Greenup	3,399	0.8%
Boyle	3,226	0.8%

County	Cases	Percent
Knox	3,130	0.7%
Floyd	3,115	0.7%
Taylor	2,902	0.7%
Bell	2,871	0.7%
Muhlenberg	2,818	0.7%
Marshall	2,598	0.6%
Logan	2,595	0.6%
Clark	2,556	0.6%
Clay	2,537	0.6%
Harlan	2,472	0.6%
Perry	2,447	0.6%
Mercer	2,406	0.6%
Montgomery	2,377	0.6%
Ohio	2,360	0.6%
Marion	2,184	0.5%
Lincoln	2,158	0.5%
Grant	2,149	0.5%
Carter	2,104	0.5%
Wayne	2,074	0.5%
Morgan	2,072	0.5%
Rowan	2,051	0.5%
Woodford	2,040	0.5%
Grayson	2,012	0.5%
Meade	1,896	0.5%
Hart	1,874	0.4%
Allen	1,867	0.4%
Johnson	1,837	0.4%
McCreary	1,823	0.4%
Simpson	1,800	0.4%
Letcher	1,746	0.4%

County	Cases	Percent
Russell	1,744	0.4%
Anderson	1,664	0.4%
Adair	1,663	0.4%
Bourbon	1,601	0.4%
Harrison	1,563	0.4%
Spencer	1,537	0.4%
Lyon	1,525	0.4%
Mason	1,490	0.4%
Garrard	1,436	0.3%
Rockcastle	1,399	0.3%
Clinton	1,398	0.3%
Washington	1,379	0.3%
Butler	1,368	0.3%
Lawrence	1,312	0.3%
Union	1,283	0.3%
Caldwell	1,274	0.3%
Henry	1,272	0.3%
Larue	1,267	0.3%
Monroe	1,256	0.3%
Jackson	1,251	0.3%
Casey	1,232	0.3%
Lee	1,209	0.3%
Webster	1,180	0.3%
Trigg	1,141	0.3%
Green	1,140	0.3%
Breckinridge	1,127	0.3%
Lewis	1,119	0.3%
Fleming	1,101	0.3%
Knott	1,096	0.3%
Todd	1,030	0.2%

County	Cases	Percent
Powell	1,019	0.2%
Estill	1,016	0.2%
Metcalfe	990	0.2%
Pendleton	976	0.2%
Martin	965	0.2%
Breathitt	957	0.2%
Carroll	944	0.2%
Elliott	934	0.2%
Magoffin	884	0.2%
McLean	847	0.2%
Edmonson	843	0.2%
Leslie	837	0.2%
Hancock	820	0.2%
Bath	804	0.2%
Livingston	778	0.2%
Gallatin	672	0.2%
Cumberland	667	0.2%
Owen	632	0.2%
Trimble	632	0.2%
Crittenden	578	0.1%
Bracken	536	0.1%
Fulton	490	0.1%
Nicholas	477	0.1%
Owsley	453	0.1%
Wolfe	453	0.1%
Carlisle	450	0.1%
Menifee	415	0.1%
Ballard	370	0.1%
Hickman	336	0.1%
Robertson	197	0.0%

Total Cases
419,149

New Cases by County

County	Cases	Percent
Jefferson	150	19.1%
Fayette	48	6.1%
Simpson	37	4.7%
Warren	28	3.6%
Boone	27	3.4%
Hardin	25	3.2%
Madison	21	2.7%
Kenton	16	2.0%
McCracken	16	2.0%
Clark	14	1.8%
Daviess	14	1.8%
Hopkins	14	1.8%
Knox	14	1.8%
Laurel	14	1.8%
Christian	13	1.7%
Whitley	13	1.7%
Campbell	12	1.5%
Oldham	12	1.5%
Montgomery	10	1.3%
Pulaski	10	1.3%
Clay	9	1.1%
Greenup	9	1.1%
Jackson	9	1.1%
Taylor	9	1.1%
Allen	8	1.0%
Barren	8	1.0%
Carter	8	1.0%
Scott	8	1.0%
Harlan	7	0.9%
Henderson	7	0.9%

County	Cases	Percent
Lawrence	7	0.9%
Bell	6	0.8%
Boyle	6	0.8%
Bullitt	6	0.8%
Estill	5	0.6%
Grant	5	0.6%
Grayson	5	0.6%
Jessamine	5	0.6%
Leslie	5	0.6%
Logan	5	0.6%
Morgan	5	0.6%
Muhlenberg	5	0.6%
Perry	5	0.6%
Boyd	4	0.5%
Carroll	4	0.5%
Franklin	4	0.5%
Johnson	4	0.5%
Lyon	4	0.5%
Marion	4	0.5%
Adair	3	0.4%
Bath	3	0.4%
Breathitt	3	0.4%
Cumberland	3	0.4%
Fleming	3	0.4%
Hart	3	0.4%
Larue	3	0.4%
Lincoln	3	0.4%
Meade	3	0.4%
Metcalfe	3	0.4%
Nelson	3	0.4%

County	Cases	Percent
Pike	3	0.4%
Rockcastle	3	0.4%
Rowan	3	0.4%
Trimble	3	0.4%
Webster	3	0.4%
Ballard	2	0.3%
Bracken	2	0.3%
Butler	2	0.3%
Caldwell	2	0.3%
Graves	2	0.3%
Green	2	0.3%
Hickman	2	0.3%
Letcher	2	0.3%
McCreary	2	0.3%
McLean	2	0.3%
Mercer	2	0.3%
Robertson	2	0.3%
Russell	2	0.3%
Shelby	2	0.3%
Spencer	2	0.3%
Union	2	0.3%
Wayne	2	0.3%
Woodford	2	0.3%
Anderson	1	0.1%
Bourbon	1	0.1%
Breckinridge	1	0.1%
Carlisle	1	0.1%
Edmonson	1	0.1%
Hancock	1	0.1%
Harrison	1	0.1%

County	Cases	Percent
Henry	1	0.1%
Knott	1	0.1%
Magoffin	1	0.1%
Martin	1	0.1%
Mason	1	0.1%
Owsley	1	0.1%
Pendleton	1	0.1%
Todd	1	0.1%
Washington	1	0.1%
Wolfe	1	0.1%
Calloway	0	0.0%
Casey	0	0.0%
Clinton	0	0.0%
Crittenden	0	0.0%
Elliott	0	0.0%
Floyd	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Garrard	0	0.0%
Lee	0	0.0%
Lewis	0	0.0%
Livingston	0	0.0%
Marshall	0	0.0%
Menifee	0	0.0%
Monroe	0	0.0%
Nicholas	0	0.0%
Ohio	0	0.0%
Owen	0	0.0%
Powell	0	0.0%
Trigg	0	0.0%

Total New Cases
785

Total Deaths by County

County	Deaths	Percent
Jefferson	985	17.9%
Fayette	255	4.6%
Daviess	165	3.0%
Warren	149	2.7%
Kenton	147	2.7%
Hopkins	132	2.4%
Hardin	117	2.1%
Boone	100	1.8%
Madison	99	1.8%
McCracken	97	1.8%
Pulaski	90	1.6%
Christian	89	1.6%
Graves	81	1.5%
Barren	79	1.4%
Harlan	77	1.4%
Oldham	75	1.4%
Pike	70	1.3%
Bullitt	64	1.2%
Henderson	64	1.2%
Campbell	58	1.1%
Jessamine	58	1.1%
Boyd	57	1.0%
Shelby	57	1.0%
Boyle	56	1.0%
Logan	56	1.0%
Floyd	52	0.9%
Muhlenberg	52	0.9%
Marshall	51	0.9%
Perry	51	0.9%
Adair	50	0.9%

County	Deaths	Percent
Ohio	50	0.9%
Grayson	48	0.9%
Nelson	47	0.9%
Laurel	46	0.8%
Bell	44	0.8%
Greenup	44	0.8%
Calloway	43	0.8%
Wayne	42	0.8%
Mercer	40	0.7%
Lincoln	39	0.7%
Monroe	39	0.7%
Russell	39	0.7%
Franklin	38	0.7%
Hart	37	0.7%
Taylor	37	0.7%
Whitley	36	0.7%
Letcher	35	0.6%
Casey	33	0.6%
Clay	32	0.6%
Marion	32	0.6%
Washington	32	0.6%
Lewis	31	0.6%
Simpson	31	0.6%
Allen	30	0.5%
Mason	30	0.5%
Montgomery	30	0.5%
Clinton	29	0.5%
Jackson	29	0.5%
Scott	29	0.5%
McCreary	28	0.5%

County	Deaths	Percent
Carter	27	0.5%
Clark	26	0.5%
McLean	26	0.5%
Caldwell	25	0.5%
Knox	24	0.4%
Larue	24	0.4%
Todd	24	0.4%
Butler	23	0.4%
Garrard	23	0.4%
Gallatin	22	0.4%
Johnson	22	0.4%
Metcalf	22	0.4%
Knott	21	0.4%
Lee	21	0.4%
Edmonson	20	0.4%
Lawrence	20	0.4%
Bath	19	0.3%
Livingston	19	0.3%
Webster	19	0.3%
Martin	18	0.3%
Meade	18	0.3%
Anderson	17	0.3%
Crittenden	17	0.3%
Fleming	17	0.3%
Lyon	16	0.3%
Rockcastle	16	0.3%
Woodford	16	0.3%
Hancock	15	0.3%
Harrison	15	0.3%
Rowan	15	0.3%

County	Deaths	Percent
Spencer	15	0.3%
Grant	14	0.3%
Menifee	14	0.3%
Green	13	0.2%
Robertson	13	0.2%
Union	13	0.2%
Breckinridge	12	0.2%
Fulton	12	0.2%
Magoffin	12	0.2%
Trigg	12	0.2%
Carroll	11	0.2%
Bourbon	10	0.2%
Estill	10	0.2%
Owsley	10	0.2%
Cumberland	9	0.2%
Henry	9	0.2%
Hickman	9	0.2%
Owen	9	0.2%
Ballard	7	0.1%
Breathitt	7	0.1%
Nicholas	6	0.1%
Bracken	5	0.1%
Carlisle	5	0.1%
Leslie	5	0.1%
Powell	5	0.1%
Trimble	5	0.1%
Wolfe	5	0.1%
Morgan	3	0.1%
Elliott	2	0.0%
Pendleton	2	0.0%

Total Deaths
5,504

Incidence Rates by County

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

County	Rate
Lyon	276.7
Simpson	63.1
Knox	41.7
Clay	34.5
Hopkins	28.1
Carroll	26.9
Laurel	26.3
Butler	25.5
Estill	24.3
Owsley	22.7
Bell	22.0
Trimble	21.9
Taylor	21.6
Whitley	21.3
Clark	20.9
Green	19.6
Logan	19.5
Powell	18.5
Allen	18.1
Larue	17.9
Lawrence	17.7
Morgan	17.2
Jackson	17.1
McCreary	16.6
Harlan	15.9
Breathitt	15.8
Edmonson	15.3
Barren	14.5
Henry	14.2
Pulaski	13.9

County	Rate
Bath	13.7
Henderson	13.6
Robertson	13.6
Hart	13.5
Carter	13.3
Hancock	13.1
Hardin	12.5
Fayette	12.4
Warren	12.4
Nelson	12.4
Caldwell	12.3
Grayson	11.9
Montgomery	11.7
Todd	11.6
Metcalfe	11.3
Rockcastle	11.1
Pike	11.1
Rowan	11.1
Madison	11.1
Webster	11.0
Scott	11.0
Christian	10.9
Jefferson	10.9
Boone	10.5
Adair	10.4
Daviess	10.4
Jessamine	10.3
Ohio	10.1
Wolfe	10.0
Boyle	10.0

County	Rate
Oldham	9.8
Pendleton	9.8
Lewis	9.7
Greenup	9.4
McLean	9.3
Ballard	9.1
Carlisle	9.0
Martin	8.9
Garrard	8.9
Spencer	8.9
Bullitt	8.7
Lincoln	8.7
Boyd	8.6
Woodford	8.5
Wayne	8.4
Campbell	8.4
Washington	8.3
McCracken	8.1
Monroe	8.0
Mercer	7.8
Kenton	7.8
Harrison	7.6
Anderson	7.5
Marion	7.4
Leslie	7.2
Johnson	7.1
Muhlenberg	7.0
Bracken	6.9
Perry	6.7
Cumberland	6.5

County	Rate
Gallatin	6.4
Grant	6.3
Franklin	6.2
Floyd	6.0
Nicholas	5.9
Fleming	5.9
Mason	5.9
Knott	5.8
Breckinridge	5.6
Casey	5.3
Shelby	5.2
Calloway	5.1
Russell	4.8
Livingston	4.7
Meade	4.5
Bourbon	4.3
Clinton	4.2
Marshall	4.1
Graves	3.8
Magoffin	3.5
Letcher	3.3
Hickman	3.3
Owen	2.6
Union	2.0
Trigg	2.0
Crittenden	1.6
Lee	0.0
Menifee	0.0
Fulton	0.0
Elliott	0.0

Current Overall Incidence Rate
12.05 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.