

KY COVID-19 Report 21MAR21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	420,828	321,166	99,662
Deaths	5,738	5,200	538
New Cases	316	231	85
New Cases 18 and Under	48	28	20
New Deaths	16	15	1
New Audit Deaths	2	2	0
Total New Deaths	18	17	1

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
17,960	4.3%	0-9	0.0%	1
44,444	10.6%	10-19	0.0%	1
76,121	18.1%	20-29	0.1%	4
64,859	15.4%	30-39	0.6%	32
63,499	15.1%	40-49	1.7%	95
61,046	14.5%	50-59	5.9%	341
46,878	11.1%	60-69	17.0%	974
27,977	6.6%	70-79	27.9%	1,602
17,829	4.2%	80+	46.8%	2,688
215	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
851	0.2%	American Indian	0.1%	5
3,770	1.1%	Asian	0.5%	27
27,752	8.0%	Black	8.0%	433
374	0.1%	Pacific Islander	0.0%	2
296,152	85.7%	White	88.8%	4,775
16,797	4.9%	Multiracial	2.6%	138

Cases	Case Percent	Ethnicity	Death Percent	Deaths
17,956	5.5%	Hispanic	1.5%	79
310,082	94.5%	Non-Hispanic	98.5%	5,067

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 78.0% of cases and 89.7% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,220	11.0%
Deaths	2,372	41.3%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,932	65,101	2.97%

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
4,761,249	4,088,421	112,987	559,841	305,251	255,802	10,456	38,993

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	20,149	4.79%
Ever ICU	4,163	0.99%
Recovered	49,105	11.67%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	463
ICU	111
On Ventilator	71

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,465	4,837	63.6%
ICU Beds	1,064	739	59.0%
Ventilators	495	1,289	27.7%

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	13	6	5	1.6%	5.9%	5.1%	44.57%	48.04%	12.12%
Region 2	20	4	0	2.4%	3.3%	0.0%	55.22%	53.28%	16.28%
Region 3	180	35	22	4.7%	6.7%	5.0%	63.75%	55.85%	34.86%
Region 4	27	6	9	3.2%	5.6%	8.0%	62.56%	71.30%	14.29%
Region 5	86	23	16	3.1%	5.5%	3.1%	72.33%	64.42%	36.35%
Region 6	30	4	2	2.3%	2.3%	1.9%	72.95%	34.29%	39.81%
Region 7	16	4	7	2.6%	6.3%	5.8%	57.89%	68.75%	7.44%
Region 8	36	14	8	3.0%	10.3%	5.4%	60.48%	78.68%	26.85%
Region 9	50	10	2	7.5%	8.8%	2.0%	63.81%	54.39%	11.22%
Region 10	5	5	0	1.1%	11.1%	0.0%	50.42%	91.11%	18.33%

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	75,638	18.0%
Fayette	33,725	8.0%
Kenton	15,512	3.7%
Warren	14,924	3.5%
Boone	13,042	3.1%
Daviess	10,012	2.4%
Hardin	9,185	2.2%
Madison	8,891	2.1%
Campbell	8,081	1.9%
Oldham	7,214	1.7%
Bullitt	6,450	1.5%
Christian	6,379	1.5%
Laurel	6,127	1.5%
McCracken	6,065	1.4%
Pulaski	5,981	1.4%
Pike	5,296	1.3%
Boyd	4,733	1.1%
Nelson	4,717	1.1%
Whitley	4,472	1.1%
Shelby	4,452	1.1%
Henderson	4,441	1.1%
Scott	4,409	1.0%
Jessamine	4,327	1.0%
Barren	4,180	1.0%
Hopkins	4,139	1.0%
Graves	4,033	1.0%
Franklin	3,827	0.9%
Calloway	3,436	0.8%
Greenup	3,401	0.8%
Boyle	3,234	0.8%

County	Cases	Percent
Knox	3,159	0.8%
Floyd	3,124	0.7%
Taylor	2,913	0.7%
Bell	2,895	0.7%
Muhlenberg	2,829	0.7%
Logan	2,604	0.6%
Marshall	2,600	0.6%
Clark	2,582	0.6%
Clay	2,547	0.6%
Harlan	2,483	0.6%
Perry	2,468	0.6%
Mercer	2,420	0.6%
Montgomery	2,391	0.6%
Ohio	2,366	0.6%
Marion	2,190	0.5%
Lincoln	2,166	0.5%
Grant	2,152	0.5%
Carter	2,109	0.5%
Wayne	2,082	0.5%
Morgan	2,077	0.5%
Rowan	2,060	0.5%
Woodford	2,050	0.5%
Grayson	2,023	0.5%
Meade	1,904	0.5%
Hart	1,882	0.4%
Allen	1,875	0.4%
Johnson	1,840	0.4%
McCreary	1,828	0.4%
Simpson	1,828	0.4%
Letcher	1,751	0.4%

County	Cases	Percent
Russell	1,746	0.4%
Anderson	1,669	0.4%
Adair	1,668	0.4%
Bourbon	1,613	0.4%
Harrison	1,569	0.4%
Lyon	1,555	0.4%
Spencer	1,546	0.4%
Mason	1,496	0.4%
Garrard	1,443	0.3%
Rockcastle	1,407	0.3%
Clinton	1,397	0.3%
Washington	1,383	0.3%
Butler	1,372	0.3%
Lawrence	1,318	0.3%
Union	1,284	0.3%
Caldwell	1,282	0.3%
Henry	1,276	0.3%
Jackson	1,263	0.3%
Larue	1,263	0.3%
Monroe	1,258	0.3%
Casey	1,234	0.3%
Lee	1,214	0.3%
Webster	1,184	0.3%
Green	1,150	0.3%
Trigg	1,148	0.3%
Breckinridge	1,133	0.3%
Lewis	1,122	0.3%
Fleming	1,102	0.3%
Knott	1,101	0.3%
Powell	1,036	0.2%

County	Cases	Percent
Todd	1,025	0.2%
Estill	1,021	0.2%
Metcalfe	992	0.2%
Pendleton	983	0.2%
Martin	967	0.2%
Breathitt	963	0.2%
Carroll	948	0.2%
Elliott	935	0.2%
Magoffin	885	0.2%
Edmonson	851	0.2%
Leslie	851	0.2%
McLean	849	0.2%
Hancock	827	0.2%
Bath	807	0.2%
Livingston	780	0.2%
Gallatin	675	0.2%
Cumberland	667	0.2%
Trimble	640	0.2%
Owen	631	0.1%
Crittenden	581	0.1%
Bracken	537	0.1%
Fulton	489	0.1%
Nicholas	478	0.1%
Wolfe	459	0.1%
Owsley	454	0.1%
Carlisle	452	0.1%
Menifee	415	0.1%
Ballard	370	0.1%
Hickman	336	0.1%
Robertson	197	0.0%

Total Cases
420,828

New Cases by County

County	Cases	Percent
Jefferson	67	21.2%
Fayette	32	10.1%
Warren	13	4.1%
Bullitt	9	2.8%
Kenton	8	2.5%
Lyon	8	2.5%
Perry	8	2.5%
Madison	7	2.2%
Simpson	7	2.2%
Henderson	6	1.9%
Shelby	6	1.9%
Trigg	6	1.9%
Campbell	5	1.6%
Daviess	5	1.6%
Hardin	5	1.6%
Hopkins	5	1.6%
Pulaski	5	1.6%
Bell	4	1.3%
Floyd	4	1.3%
Laurel	4	1.3%
Muhlenberg	4	1.3%
Scott	4	1.3%
Whitley	4	1.3%
Barren	3	0.9%
Boone	3	0.9%
Bourbon	3	0.9%
Boyd	3	0.9%
Breathitt	3	0.9%
Crittenden	3	0.9%
Harlan	3	0.9%

County	Cases	Percent
McCracken	3	0.9%
Montgomery	3	0.9%
Oldham	3	0.9%
Rockcastle	3	0.9%
Boyle	2	0.6%
Butler	2	0.6%
Calloway	2	0.6%
Clark	2	0.6%
Edmonson	2	0.6%
Estill	2	0.6%
Greenup	2	0.6%
Henry	2	0.6%
Knott	2	0.6%
Knox	2	0.6%
Mercer	2	0.6%
Metcalfe	2	0.6%
Rowan	2	0.6%
Taylor	2	0.6%
Woodford	2	0.6%
Breckinridge	1	0.3%
Clinton	1	0.3%
Franklin	1	0.3%
Garrard	1	0.3%
Graves	1	0.3%
Grayson	1	0.3%
Harrison	1	0.3%
Jackson	1	0.3%
Jessamine	1	0.3%
Johnson	1	0.3%
Lee	1	0.3%

County	Cases	Percent
Lincoln	1	0.3%
Livingston	1	0.3%
Logan	1	0.3%
Magoffin	1	0.3%
Marion	1	0.3%
Marshall	1	0.3%
Mason	1	0.3%
Meade	1	0.3%
Menifee	1	0.3%
Morgan	1	0.3%
Nelson	1	0.3%
Ohio	1	0.3%
Pike	1	0.3%
Powell	1	0.3%
Spencer	1	0.3%
Trimble	1	0.3%
Adair	0	0.0%
Allen	0	0.0%
Anderson	0	0.0%
Ballard	0	0.0%
Bath	0	0.0%
Bracken	0	0.0%
Caldwell	0	0.0%
Carlisle	0	0.0%
Carroll	0	0.0%
Carter	0	0.0%
Casey	0	0.0%
Christian	0	0.0%
Clay	0	0.0%
Cumberland	0	0.0%

County	Cases	Percent
Elliott	0	0.0%
Fleming	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Grant	0	0.0%
Green	0	0.0%
Hancock	0	0.0%
Hart	0	0.0%
Hickman	0	0.0%
Larue	0	0.0%
Lawrence	0	0.0%
Leslie	0	0.0%
Letcher	0	0.0%
Lewis	0	0.0%
McCreary	0	0.0%
McLean	0	0.0%
Martin	0	0.0%
Monroe	0	0.0%
Nicholas	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Pendleton	0	0.0%
Robertson	0	0.0%
Russell	0	0.0%
Todd	0	0.0%
Union	0	0.0%
Washington	0	0.0%
Wayne	0	0.0%
Webster	0	0.0%
Wolfe	0	0.0%

Total New Cases
316

Total Deaths by County

County	Deaths	Percent
Jefferson	1,024	17.8%
Fayette	261	4.5%
Daviess	170	3.0%
Warren	154	2.7%
Kenton	153	2.7%
Hopkins	133	2.3%
Hardin	130	2.3%
McCracken	110	1.9%
Boone	103	1.8%
Madison	103	1.8%
Christian	92	1.6%
Pulaski	92	1.6%
Graves	86	1.5%
Barren	82	1.4%
Oldham	78	1.4%
Harlan	77	1.3%
Pike	77	1.3%
Bullitt	67	1.2%
Henderson	65	1.1%
Boyd	64	1.1%
Boyle	60	1.0%
Campbell	60	1.0%
Shelby	60	1.0%
Jessamine	59	1.0%
Floyd	57	1.0%
Logan	57	1.0%
Muhlenberg	53	0.9%
Perry	53	0.9%
Adair	52	0.9%
Marshall	51	0.9%

County	Deaths	Percent
Ohio	51	0.9%
Nelson	50	0.9%
Grayson	49	0.9%
Laurel	47	0.8%
Calloway	45	0.8%
Bell	44	0.8%
Greenup	44	0.8%
Hart	43	0.7%
Wayne	42	0.7%
Mercer	41	0.7%
Whitley	41	0.7%
Franklin	40	0.7%
Lincoln	40	0.7%
Russell	40	0.7%
Monroe	39	0.7%
Taylor	37	0.6%
Letcher	36	0.6%
Marion	35	0.6%
Casey	33	0.6%
Clay	33	0.6%
Washington	33	0.6%
Simpson	32	0.6%
Allen	31	0.5%
Lewis	31	0.5%
Mason	31	0.5%
Carter	30	0.5%
Montgomery	30	0.5%
Scott	30	0.5%
Clinton	29	0.5%
Jackson	29	0.5%

County	Deaths	Percent
Knox	28	0.5%
McCreary	28	0.5%
Garrard	27	0.5%
Caldwell	26	0.5%
Clark	26	0.5%
McLean	26	0.5%
Butler	24	0.4%
Johnson	24	0.4%
Larue	24	0.4%
Todd	24	0.4%
Gallatin	23	0.4%
Metcalfe	23	0.4%
Knott	22	0.4%
Lee	22	0.4%
Bath	20	0.3%
Edmonson	20	0.3%
Lawrence	20	0.3%
Livingston	19	0.3%
Martin	19	0.3%
Meade	19	0.3%
Webster	19	0.3%
Lyon	18	0.3%
Anderson	17	0.3%
Crittenden	17	0.3%
Fleming	17	0.3%
Harrison	17	0.3%
Rockcastle	17	0.3%
Rowan	17	0.3%
Woodford	17	0.3%
Grant	15	0.3%

County	Deaths	Percent
Hancock	15	0.3%
Menifee	15	0.3%
Spencer	15	0.3%
Carroll	14	0.2%
Robertson	14	0.2%
Bourbon	13	0.2%
Green	13	0.2%
Magoffin	13	0.2%
Union	13	0.2%
Breckinridge	12	0.2%
Fulton	12	0.2%
Trigg	12	0.2%
Estill	11	0.2%
Owen	11	0.2%
Owsley	10	0.2%
Cumberland	9	0.2%
Henry	9	0.2%
Hickman	9	0.2%
Ballard	8	0.1%
Carlisle	8	0.1%
Breathitt	7	0.1%
Nicholas	7	0.1%
Bracken	6	0.1%
Powell	6	0.1%
Leslie	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
5,738

Incidence Rates by County

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

County	Rate
Lyon	147.9
Simpson	74.6
Knox	39.0
Trimble	33.7
Hopkins	27.8
Clay	27.3
Jackson	25.7
Powell	25.4
Bell	24.7
Whitley	24.4
Laurel	21.8
Carroll	21.5
Estill	21.3
Taylor	21.1
Caldwell	20.2
Clark	20.1
Logan	20.0
Edmonson	20.0
Henderson	19.9
Hancock	19.7
Lawrence	18.7
Breathitt	18.1
Montgomery	16.7
Pulaski	16.3
Rockcastle	15.4
Harlan	15.4
Hardin	14.9
Mercer	14.3
Grayson	14.1
Robertson	13.6

County	Rate
Henry	13.3
Daviess	13.2
Leslie	13.0
Warren	12.9
Morgan	12.9
Hart	12.8
Wayne	12.6
Bath	12.6
Bourbon	12.3
Butler	12.2
Christian	12.2
Wolfe	12.0
Barren	11.9
Larue	11.9
Woodford	11.8
Green	11.8
Scott	11.5
Jefferson	11.3
Webster	11.0
Oldham	10.9
Lewis	10.8
Allen	10.7
Fayette	10.7
Carter	10.7
Perry	10.5
Boyle	10.5
Madison	10.3
Rowan	9.9
Bullitt	9.8
Owsley	9.7

County	Rate
Garrard	9.7
Lee	9.6
Muhlenberg	9.3
McLean	9.3
Nelson	9.3
Jessamine	9.2
Harrison	9.1
Carlisle	9.0
Kenton	9.0
Ohio	8.9
Marion	8.9
Pendleton	8.8
Boone	8.7
Metcalfe	8.5
McCreary	8.3
Washington	8.3
Adair	8.2
Greenup	8.1
Spencer	8.1
Pike	7.9
Breckinridge	7.7
McCracken	7.6
Mason	7.5
Meade	7.5
Campbell	7.5
Boyd	7.0
Clinton	7.0
Lincoln	7.0
Anderson	6.9
Bracken	6.9

County	Rate
Monroe	6.7
Franklin	5.9
Magoffin	5.9
Todd	5.8
Johnson	5.8
Knott	5.8
Floyd	5.6
Casey	5.3
Gallatin	4.8
Russell	4.8
Livingston	4.7
Letcher	4.6
Grant	4.6
Calloway	4.4
Cumberland	4.3
Graves	4.2
Trigg	3.9
Martin	3.8
Shelby	3.8
Ballard	3.6
Hickman	3.3
Union	3.0
Fleming	2.9
Menifee	2.2
Nicholas	2.0
Crittenden	1.6
Marshall	1.4
Owen	1.3
Elliott	0.0
Fulton	0.0

Current Overall Incidence Rate
11.89 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.