

KY COVID-19 Report 08MAR21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	411,040	314,598	96,442
Deaths	4,829	4,378	451
New Cases	331	211	120
New Cases 18 and Under	49	29	20
New Deaths	10	9	1

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
17,277	4.2%	0-9	0.0%	1
43,162	10.5%	10-19	0.0%	1
74,400	18.1%	20-29	0.1%	3
63,372	15.4%	30-39	0.6%	30
62,092	15.1%	40-49	1.8%	85
59,688	14.5%	50-59	6.2%	297
45,837	11.2%	60-69	17.4%	838
27,474	6.7%	70-79	28.1%	1,355
17,535	4.3%	80+	46.0%	2,219
203	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
835	0.2%	American Indian	0.1%	4
3,687	1.1%	Asian	0.5%	23
26,911	8.0%	Black	8.2%	371
374	0.1%	Pacific Islander	0.0%	2
286,762	85.6%	White	88.5%	3,990
16,267	4.9%	Multiracial	2.6%	119

Cases	Case Percent	Ethnicity	Death Percent	Deaths
17,461	5.5%	Hispanic	1.7%	73
300,591	94.5%	Non-Hispanic	98.3%	4,229

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 81.5% of cases and 93.4% of deaths
Ethnicity known for 77.4% of cases and 89.1% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	45,572	11.1%
Deaths	2,361	48.9%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
2,702	66,574	4.06%

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
4,604,302	3,979,852	112,006	512,444	300,029	252,406	9,971	37,652

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	19,466	4.74%
Ever ICU	4,036	0.98%
Recovered	48,174	11.72%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	539
ICU	161
On Ventilator	82

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,998	5,304	60.1%
ICU Beds	1,113	690	61.7%
Ventilators	527	1,261	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	23	12	7	2.9%	11.8%	7.1%	47.98%	64.71%	21.21%
Region 2	21	6	4	2.5%	4.9%	4.7%	53.64%	55.74%	25.58%
Region 3	195	53	33	5.1%	10.2%	7.6%	57.38%	56.05%	36.01%
Region 4	31	10	4	3.6%	9.3%	3.5%	48.47%	60.19%	14.04%
Region 5	98	23	12	3.5%	5.5%	2.3%	68.39%	65.87%	33.46%
Region 6	46	14	7	3.6%	8.0%	6.5%	68.84%	48.57%	50.93%
Region 7	24	5	3	3.8%	7.8%	2.5%	66.35%	67.19%	12.71%
Region 8	43	14	8	3.6%	10.3%	5.4%	62.16%	88.24%	31.54%
Region 9	44	14	1	6.6%	12.3%	1.0%	64.56%	56.14%	11.88%
Region 10	14	10	3	3.0%	22.2%	5.0%	43.25%	80.00%	15.00%

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	73,982	18.0%
Fayette	33,054	8.0%
Kenton	15,116	3.7%
Warren	14,685	3.6%
Boone	12,724	3.1%
Daviess	9,817	2.4%
Hardin	8,959	2.2%
Madison	8,746	2.1%
Campbell	7,890	1.9%
Oldham	7,039	1.7%
Bullitt	6,328	1.5%
Christian	6,257	1.5%
Laurel	5,948	1.4%
McCracken	5,886	1.4%
Pulaski	5,830	1.4%
Pike	5,215	1.3%
Boyd	4,672	1.1%
Nelson	4,634	1.1%
Shelby	4,397	1.1%
Henderson	4,351	1.1%
Whitley	4,308	1.0%
Jessamine	4,237	1.0%
Scott	4,226	1.0%
Barren	4,093	1.0%
Graves	3,984	1.0%
Hopkins	3,974	1.0%
Franklin	3,749	0.9%
Calloway	3,408	0.8%
Greenup	3,354	0.8%
Boyle	3,181	0.8%

County	Cases	Percent
Floyd	3,082	0.7%
Knox	2,994	0.7%
Taylor	2,822	0.7%
Bell	2,805	0.7%
Muhlenberg	2,777	0.7%
Marshall	2,576	0.6%
Logan	2,542	0.6%
Clay	2,464	0.6%
Clark	2,449	0.6%
Harlan	2,426	0.6%
Perry	2,394	0.6%
Mercer	2,379	0.6%
Montgomery	2,331	0.6%
Ohio	2,318	0.6%
Marion	2,169	0.5%
Lincoln	2,134	0.5%
Grant	2,104	0.5%
Morgan	2,042	0.5%
Carter	2,035	0.5%
Wayne	2,031	0.5%
Rowan	2,011	0.5%
Woodford	2,005	0.5%
Grayson	1,980	0.5%
Meade	1,883	0.5%
Hart	1,848	0.4%
Johnson	1,825	0.4%
Allen	1,818	0.4%
McCreary	1,795	0.4%
Russell	1,717	0.4%
Letcher	1,711	0.4%

County	Cases	Percent
Simpson	1,705	0.4%
Anderson	1,642	0.4%
Adair	1,619	0.4%
Bourbon	1,574	0.4%
Harrison	1,534	0.4%
Spencer	1,520	0.4%
Mason	1,470	0.4%
Garrard	1,411	0.3%
Clinton	1,383	0.3%
Rockcastle	1,371	0.3%
Caldwell	1,369	0.3%
Washington	1,357	0.3%
Butler	1,328	0.3%
Lawrence	1,284	0.3%
Union	1,279	0.3%
Henry	1,250	0.3%
Monroe	1,248	0.3%
Larue	1,236	0.3%
Jackson	1,219	0.3%
Casey	1,212	0.3%
Lee	1,208	0.3%
Webster	1,170	0.3%
Trigg	1,133	0.3%
Green	1,126	0.3%
Breckinridge	1,111	0.3%
Lewis	1,102	0.3%
Fleming	1,089	0.3%
Knott	1,068	0.3%
Todd	1,011	0.2%
Powell	987	0.2%

County	Cases	Percent
Estill	986	0.2%
Metcalfe	977	0.2%
Pendleton	955	0.2%
Martin	950	0.2%
Breathitt	935	0.2%
Elliott	931	0.2%
Lyon	913	0.2%
Carroll	902	0.2%
Magoffin	881	0.2%
McLean	840	0.2%
Edmonson	826	0.2%
Leslie	817	0.2%
Hancock	807	0.2%
Bath	787	0.2%
Livingston	773	0.2%
Cumberland	659	0.2%
Gallatin	659	0.2%
Owen	628	0.2%
Trimble	610	0.1%
Crittenden	573	0.1%
Bracken	529	0.1%
Fulton	485	0.1%
Nicholas	467	0.1%
Owsley	442	0.1%
Wolfe	442	0.1%
Carlisle	439	0.1%
Menifee	414	0.1%
Ballard	352	0.1%
Hickman	332	0.1%
Robertson	194	0.0%

Total Cases
411,040

New Cases by County

County	Cases	Percent
Jefferson	62	18.7%
Fayette	31	9.4%
Franklin	14	4.2%
Knox	14	4.2%
Scott	12	3.6%
McCracken	11	3.3%
Warren	9	2.7%
Boone	8	2.4%
Kenton	8	2.4%
Muhlenberg	8	2.4%
Pike	8	2.4%
Laurel	7	2.1%
Bourbon	6	1.8%
Boyle	5	1.5%
Bullitt	5	1.5%
Greenup	5	1.5%
Oldham	5	1.5%
Pulaski	5	1.5%
Clark	4	1.2%
Henderson	4	1.2%
Hopkins	4	1.2%
Trigg	4	1.2%
Woodford	4	1.2%
Bell	3	0.9%
Boyd	3	0.9%
Breathitt	3	0.9%
Christian	3	0.9%
Daviess	3	0.9%
Graves	3	0.9%
Grayson	3	0.9%

County	Cases	Percent
Montgomery	3	0.9%
Rockcastle	3	0.9%
Simpson	3	0.9%
Butler	2	0.6%
Caldwell	2	0.6%
Campbell	2	0.6%
Carroll	2	0.6%
Estill	2	0.6%
Grant	2	0.6%
Hardin	2	0.6%
Harlan	2	0.6%
Harrison	2	0.6%
Meade	2	0.6%
Ohio	2	0.6%
Shelby	2	0.6%
Spencer	2	0.6%
Union	2	0.6%
Washington	2	0.6%
Whitley	2	0.6%
Allen	1	0.3%
Barren	1	0.3%
Breckinridge	1	0.3%
Calloway	1	0.3%
Carlisle	1	0.3%
Carter	1	0.3%
Clay	1	0.3%
Clinton	1	0.3%
Fulton	1	0.3%
Garrard	1	0.3%
Henry	1	0.3%

County	Cases	Percent
Hickman	1	0.3%
Jessamine	1	0.3%
Larue	1	0.3%
Livingston	1	0.3%
Logan	1	0.3%
Madison	1	0.3%
Marshall	1	0.3%
Mercer	1	0.3%
Morgan	1	0.3%
Nelson	1	0.3%
Owen	1	0.3%
Owsley	1	0.3%
Robertson	1	0.3%
Taylor	1	0.3%
Todd	1	0.3%
Adair	0	0.0%
Anderson	0	0.0%
Ballard	0	0.0%
Bath	0	0.0%
Bracken	0	0.0%
Casey	0	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Elliott	0	0.0%
Fleming	0	0.0%
Floyd	0	0.0%
Gallatin	0	0.0%
Green	0	0.0%
Hancock	0	0.0%

County	Cases	Percent
Hart	0	0.0%
Jackson	0	0.0%
Johnson	0	0.0%
Knott	0	0.0%
Lawrence	0	0.0%
Lee	0	0.0%
Leslie	0	0.0%
Letcher	0	0.0%
Lewis	0	0.0%
Lincoln	0	0.0%
Lyon	0	0.0%
McCreary	0	0.0%
McLean	0	0.0%
Magoffin	0	0.0%
Marion	0	0.0%
Martin	0	0.0%
Mason	0	0.0%
Menifee	0	0.0%
Metcalfe	0	0.0%
Monroe	0	0.0%
Nicholas	0	0.0%
Pendleton	0	0.0%
Perry	0	0.0%
Powell	0	0.0%
Rowan	0	0.0%
Russell	0	0.0%
Trimble	0	0.0%
Wayne	0	0.0%
Webster	0	0.0%
Wolfe	0	0.0%

Total New Cases
331

Total Deaths by County

County	Deaths	Percent
Jefferson	850	17.6%
Fayette	233	4.8%
Daviess	162	3.4%
Warren	139	2.9%
Kenton	129	2.7%
Hopkins	126	2.6%
Hardin	101	2.1%
Madison	90	1.9%
Pulaski	82	1.7%
Boone	80	1.7%
Christian	76	1.6%
McCracken	76	1.6%
Graves	74	1.5%
Barren	71	1.5%
Harlan	70	1.4%
Oldham	69	1.4%
Henderson	60	1.2%
Pike	60	1.2%
Jessamine	53	1.1%
Logan	53	1.1%
Shelby	51	1.1%
Adair	50	1.0%
Muhlenberg	50	1.0%
Bullitt	49	1.0%
Marshall	49	1.0%
Grayson	48	1.0%
Campbell	47	1.0%
Ohio	47	1.0%
Boyd	46	1.0%
Floyd	45	0.9%

County	Deaths	Percent
Nelson	43	0.9%
Wayne	41	0.8%
Boyle	40	0.8%
Perry	40	0.8%
Calloway	38	0.8%
Monroe	38	0.8%
Russell	38	0.8%
Bell	36	0.7%
Mercer	35	0.7%
Lincoln	34	0.7%
Casey	33	0.7%
Hart	33	0.7%
Laurel	33	0.7%
Taylor	32	0.7%
Franklin	31	0.6%
Lewis	31	0.6%
Letcher	30	0.6%
Simpson	30	0.6%
Washington	30	0.6%
Jackson	29	0.6%
Clay	28	0.6%
Mason	28	0.6%
Allen	26	0.5%
Clinton	26	0.5%
Greenup	26	0.5%
Scott	26	0.5%
Clark	25	0.5%
McLean	25	0.5%
Marion	25	0.5%
Carter	24	0.5%

County	Deaths	Percent
Montgomery	24	0.5%
Todd	24	0.5%
Butler	23	0.5%
Caldwell	23	0.5%
McCreary	23	0.5%
Whitley	22	0.5%
Gallatin	20	0.4%
Lawrence	20	0.4%
Metcalfe	20	0.4%
Edmonson	19	0.4%
Lee	19	0.4%
Garrard	18	0.4%
Johnson	18	0.4%
Knott	18	0.4%
Webster	18	0.4%
Bath	17	0.4%
Crittenden	17	0.4%
Larue	17	0.4%
Livingston	17	0.4%
Meade	17	0.4%
Anderson	16	0.3%
Rockcastle	15	0.3%
Woodford	15	0.3%
Fleming	14	0.3%
Grant	14	0.3%
Hancock	14	0.3%
Knox	14	0.3%
Menifee	14	0.3%
Green	13	0.3%
Lyon	13	0.3%

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

Total Deaths
4,829

Incidence Rates by County

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

County	Rate
Lyon	358.4
Rowan	38.5
Clay	35.2
Knox	33.5
Owsley	32.4
Simpson	32.3
Clinton	32.2
McCreary	31.5
Bell	28.5
Green	27.4
Russell	27.1
Caldwell	26.9
Washington	26.0
Logan	25.3
Lawrence	25.2
Taylor	24.9
Laurel	23.5
Scott	20.5
Robertson	20.3
Muhlenberg	19.6
Pendleton	19.6
Harlan	18.7
Larue	17.9
Crittenden	17.8
Mason	17.6
Carroll	17.5
Jessamine	17.2
Hardin	17.1
Henry	16.8
Ohio	16.7

County	Rate
Bourbon	16.6
Martin	16.6
Barren	16.5
Franklin	16.2
Gallatin	16.1
Pike	16.0
Grant	16.0
Fayette	15.7
Boone	15.4
Whitley	15.4
Jefferson	15.3
Morgan	15.0
Madison	14.9
Rockcastle	14.5
Pulaski	14.5
Anderson	14.4
Adair	14.1
Livingston	14.0
Powell	13.9
Harrison	13.6
Knott	13.5
Bullitt	13.5
Shelby	13.4
Daviess	13.4
Campbell	13.0
Allen	12.7
Nelson	12.7
Kenton	12.7
Warren	12.6
Spencer	12.6

County	Rate
Floyd	12.4
Breathitt	12.4
Grayson	12.4
Marshall	12.4
Clark	12.2
Butler	12.2
Jackson	11.8
Oldham	11.8
Leslie	11.6
Graves	11.5
Greenup	11.4
Wayne	11.2
Mercer	11.1
Menifee	11.0
Boyle	10.9
Montgomery	10.7
Calloway	10.6
Garrard	10.5
Hart	10.5
Marion	10.4
Bracken	10.3
Johnson	10.3
Bath	10.3
Meade	10.0
Metcalfe	9.9
Owen	9.2
Union	8.9
Hopkins	8.6
Trimble	8.4
Perry	8.3

County	Rate
Wolfe	8.0
Boyd	8.0
Fleming	7.8
Trigg	7.8
McLean	7.8
McCracken	7.2
Fulton	7.2
Woodford	6.9
Carter	6.9
Hancock	6.6
Hickman	6.5
Lewis	6.5
Henderson	6.3
Christian	6.3
Estill	6.1
Letcher	6.0
Nicholas	5.9
Edmonson	5.9
Lincoln	4.7
Todd	4.6
Casey	4.4
Lee	3.9
Ballard	3.6
Breckinridge	3.5
Webster	3.3
Carlisle	3.0
Cumberland	2.2
Elliott	1.9
Magoffin	1.2
Monroe	0.0

Current Overall Incidence Rate
14.97 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.