

KY COVID-19 Report 01MAR21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	405,126	310,885	94,241
Deaths	4,652	4,224	428
New Cases	509	392	117
New Cases 18 and Under	79	60	19
New Deaths	15	15	0

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
16,984	4.2%	0-9	0.0%	1
42,445	10.5%	10-19	0.0%	1
73,378	18.1%	20-29	0.1%	3
62,459	15.4%	30-39	0.6%	29
61,201	15.1%	40-49	1.7%	79
58,820	14.5%	50-59	6.0%	281
45,195	11.2%	60-69	17.5%	813
27,086	6.7%	70-79	27.9%	1,298
17,357	4.3%	80+	46.2%	2,147
201	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
819	0.3%	American Indian	0.1%	4
3,624	1.2%	Asian	0.5%	22
26,462	8.5%	Black	8.5%	364
374	0.1%	Pacific Islander	0.0%	2
262,816	84.8%	White	88.3%	3,791
15,879	5.1%	Multiracial	2.6%	112

Cases	Case Percent	Ethnicity	Death Percent	Deaths
17,208	5.5%	Hispanic	1.7%	71
295,219	94.5%	Non-Hispanic	98.3%	4,066

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 76.5% of cases and 92.3% of deaths
Ethnicity known for 77.1% of cases and 88.9% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	45,135	11.1%
Deaths	2,353	50.6%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
3,598	74,311	4.84%

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
4,514,878	3,919,142	111,352	484,384	296,578	250,151	9,686	36,741

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	19,143	4.73%
Ever ICU	3,976	0.98%
Recovered	47,592	11.75%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	719
ICU	180
On Ventilator	82

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,118	5,172	61.1%
ICU Beds	1,095	708	60.7%
Ventilators	519	1,273	29.0%

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	29	12	7	3.7%	11.8%	7.1%	47.85%	53.92%	16.16%
Region 2	28	5	1	3.4%	4.1%	1.2%	49.64%	44.26%	23.26%
Region 3	266	58	33	7.0%	11.1%	7.6%	61.36%	55.09%	35.01%
Region 4	35	11	3	4.1%	10.2%	2.6%	53.64%	71.30%	15.79%
Region 5	130	23	11	4.7%	5.5%	2.1%	69.55%	63.22%	32.44%
Region 6	76	21	7	5.9%	12.0%	6.4%	74.57%	50.86%	54.13%
Region 7	29	7	4	4.6%	10.9%	3.4%	63.96%	78.13%	9.32%
Region 8	60	19	11	5.0%	14.0%	7.5%	57.14%	91.91%	34.01%
Region 9	48	11	4	7.2%	9.6%	4.0%	53.15%	44.74%	7.92%
Region 10	18	13	1	3.8%	28.9%	1.7%	45.78%	97.78%	25.00%

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 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	73,095	18.0%
Fayette	32,649	8.1%
Kenton	14,872	3.7%
Warren	14,561	3.6%
Boone	12,518	3.1%
Daviess	9,719	2.4%
Hardin	8,825	2.2%
Madison	8,644	2.1%
Campbell	7,749	1.9%
Oldham	6,905	1.7%
Christian	6,231	1.5%
Bullitt	6,170	1.5%
Laurel	5,865	1.4%
McCracken	5,789	1.4%
Pulaski	5,757	1.4%
Pike	5,137	1.3%
Boyd	4,636	1.1%
Nelson	4,597	1.1%
Shelby	4,356	1.1%
Henderson	4,327	1.1%
Whitley	4,231	1.0%
Jessamine	4,172	1.0%
Scott	4,057	1.0%
Barren	4,037	1.0%
Graves	3,952	1.0%
Hopkins	3,937	1.0%
Franklin	3,655	0.9%
Calloway	3,378	0.8%
Greenup	3,329	0.8%
Boyle	3,155	0.8%

County	Cases	Percent
Floyd	3,032	0.7%
Knox	2,918	0.7%
Taylor	2,776	0.7%
Bell	2,754	0.7%
Muhlenberg	2,734	0.7%
Marshall	2,526	0.6%
Logan	2,491	0.6%
Clay	2,415	0.6%
Clark	2,409	0.6%
Harlan	2,393	0.6%
Mercer	2,359	0.6%
Perry	2,327	0.6%
Montgomery	2,307	0.6%
Ohio	2,289	0.6%
Marion	2,148	0.5%
Lincoln	2,114	0.5%
Grant	2,037	0.5%
Morgan	2,030	0.5%
Carter	2,007	0.5%
Wayne	1,987	0.5%
Woodford	1,981	0.5%
Grayson	1,957	0.5%
Rowan	1,942	0.5%
Meade	1,856	0.5%
Hart	1,830	0.5%
Allen	1,798	0.4%
Johnson	1,780	0.4%
McCreary	1,749	0.4%
Letcher	1,695	0.4%
Russell	1,677	0.4%

County	Cases	Percent
Simpson	1,661	0.4%
Anderson	1,619	0.4%
Adair	1,589	0.4%
Bourbon	1,548	0.4%
Caldwell	1,546	0.4%
Harrison	1,505	0.4%
Spencer	1,504	0.4%
Mason	1,447	0.4%
Garrard	1,393	0.3%
Clinton	1,356	0.3%
Rockcastle	1,350	0.3%
Washington	1,331	0.3%
Butler	1,318	0.3%
Union	1,269	0.3%
Lawrence	1,258	0.3%
Monroe	1,248	0.3%
Henry	1,234	0.3%
Larue	1,217	0.3%
Jackson	1,206	0.3%
Casey	1,198	0.3%
Lee	1,194	0.3%
Webster	1,164	0.3%
Trigg	1,115	0.3%
Breckinridge	1,102	0.3%
Lewis	1,094	0.3%
Green	1,089	0.3%
Fleming	1,081	0.3%
Knott	1,052	0.3%
Todd	1,006	0.2%
Estill	974	0.2%

County	Cases	Percent
Powell	974	0.2%
Metcalfe	970	0.2%
Martin	935	0.2%
Pendleton	935	0.2%
Elliott	929	0.2%
Breathitt	924	0.2%
Carroll	889	0.2%
Magoffin	873	0.2%
McLean	835	0.2%
Edmonson	820	0.2%
Hancock	804	0.2%
Leslie	788	0.2%
Bath	772	0.2%
Livingston	760	0.2%
Cumberland	658	0.2%
Gallatin	647	0.2%
Owen	624	0.2%
Trimble	603	0.1%
Crittenden	562	0.1%
Bracken	519	0.1%
Lyon	506	0.1%
Fulton	481	0.1%
Nicholas	456	0.1%
Wolfe	433	0.1%
Carlisle	432	0.1%
Owsley	427	0.1%
Menifee	408	0.1%
Ballard	350	0.1%
Hickman	324	0.1%
Robertson	189	0.0%

Total Cases
405,126

New Cases by County

County	Cases	Percent
Jefferson	95	18.7%
Boone	31	6.1%
Kenton	21	4.1%
Laurel	21	4.1%
McCracken	21	4.1%
Warren	17	3.3%
Bullitt	16	3.1%
Knox	16	3.1%
Campbell	12	2.4%
Boyd	10	2.0%
Fayette	9	1.8%
Jessamine	9	1.8%
Franklin	8	1.6%
Hardin	8	1.6%
Lincoln	8	1.6%
Oldham	8	1.6%
Madison	7	1.4%
Mercer	7	1.4%
Pike	7	1.4%
Daviess	6	1.2%
Johnson	6	1.2%
Marshall	6	1.2%
Morgan	6	1.2%
Simpson	6	1.2%
Taylor	6	1.2%
Bell	5	1.0%
Carter	5	1.0%
Garrard	5	1.0%
Grant	5	1.0%
Scott	5	1.0%

County	Cases	Percent
Trigg	5	1.0%
Barren	4	0.8%
Breckinridge	4	0.8%
Estill	4	0.8%
Logan	4	0.8%
Shelby	4	0.8%
Woodford	4	0.8%
Carlisle	3	0.6%
Crittenden	3	0.6%
Henry	3	0.6%
Marion	3	0.6%
Muhlenberg	3	0.6%
Pendleton	3	0.6%
Rockcastle	3	0.6%
Whitley	3	0.6%
Ballard	2	0.4%
Boyle	2	0.4%
Butler	2	0.4%
Caldwell	2	0.4%
Carroll	2	0.4%
Clay	2	0.4%
Fulton	2	0.4%
Greenup	2	0.4%
Harlan	2	0.4%
Harrison	2	0.4%
Hart	2	0.4%
Hopkins	2	0.4%
Larue	2	0.4%
Lawrence	2	0.4%
Livingston	2	0.4%

County	Cases	Percent
McCreary	2	0.4%
Mason	2	0.4%
Montgomery	2	0.4%
Nelson	2	0.4%
Owsley	2	0.4%
Perry	2	0.4%
Allen	1	0.2%
Anderson	1	0.2%
Bath	1	0.2%
Breathitt	1	0.2%
Calloway	1	0.2%
Casey	1	0.2%
Clark	1	0.2%
Elliott	1	0.2%
Floyd	1	0.2%
Gallatin	1	0.2%
Grayson	1	0.2%
Green	1	0.2%
Henderson	1	0.2%
Jackson	1	0.2%
Leslie	1	0.2%
Letcher	1	0.2%
Magoffin	1	0.2%
Meade	1	0.2%
Pulaski	1	0.2%
Rowan	1	0.2%
Spencer	1	0.2%
Washington	1	0.2%
Adair	0	0.0%
Bourbon	0	0.0%

County	Cases	Percent
Bracken	0	0.0%
Christian	0	0.0%
Clinton	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Fleming	0	0.0%
Graves	0	0.0%
Hancock	0	0.0%
Hickman	0	0.0%
Knott	0	0.0%
Lee	0	0.0%
Lewis	0	0.0%
Lyon	0	0.0%
McLean	0	0.0%
Martin	0	0.0%
Menifee	0	0.0%
Metcalfe	0	0.0%
Monroe	0	0.0%
Nicholas	0	0.0%
Ohio	0	0.0%
Owen	0	0.0%
Powell	0	0.0%
Robertson	0	0.0%
Russell	0	0.0%
Todd	0	0.0%
Trimble	0	0.0%
Union	0	0.0%
Wayne	0	0.0%
Webster	0	0.0%
Wolfe	0	0.0%

Total New Cases
509

Total Deaths by County

County	Deaths	Percent
Jefferson	820	17.6%
Fayette	227	4.9%
Daviess	159	3.4%
Warren	136	2.9%
Hopkins	125	2.7%
Kenton	125	2.7%
Hardin	96	2.1%
Madison	86	1.8%
Pulaski	80	1.7%
Boone	76	1.6%
Christian	76	1.6%
Barren	71	1.5%
Graves	71	1.5%
Harlan	69	1.5%
McCracken	69	1.5%
Oldham	69	1.5%
Pike	60	1.3%
Henderson	57	1.2%
Jessamine	51	1.1%
Logan	51	1.1%
Shelby	50	1.1%
Adair	49	1.1%
Muhlenberg	49	1.1%
Bullitt	48	1.0%
Marshall	48	1.0%
Campbell	47	1.0%
Ohio	47	1.0%
Grayson	45	1.0%
Boyd	43	0.9%
Floyd	41	0.9%

County	Deaths	Percent
Nelson	40	0.9%
Wayne	40	0.9%
Calloway	38	0.8%
Monroe	38	0.8%
Perry	38	0.8%
Russell	38	0.8%
Boyle	36	0.8%
Bell	35	0.8%
Casey	33	0.7%
Hart	33	0.7%
Lincoln	33	0.7%
Mercer	33	0.7%
Lewis	31	0.7%
Taylor	31	0.7%
Washington	30	0.6%
Franklin	29	0.6%
Jackson	29	0.6%
Letcher	29	0.6%
Simpson	28	0.6%
Laurel	27	0.6%
Mason	27	0.6%
Clay	26	0.6%
Clinton	26	0.6%
Scott	26	0.6%
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%
Greenup	23	0.5%
Allen	22	0.5%
McCreary	22	0.5%
Whitley	21	0.5%
Clark	20	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%
Crittenden	17	0.4%
Knott	17	0.4%
Livingston	17	0.4%
Webster	17	0.4%
Anderson	16	0.3%
Bath	16	0.3%
Larue	16	0.3%
Meade	16	0.3%
Fleming	14	0.3%
Hancock	14	0.3%
Rockcastle	14	0.3%
Grant	13	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	0.2%
Hickman	7	0.2%
Breathitt	6	0.1%
Fulton	6	0.1%
Nicholas	6	0.1%
Ballard	5	0.1%
Bracken	4	0.1%
Wolfe	4	0.1%
Woodford	4	0.1%
Carlisle	3	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
4,652

Incidence Rates by County

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

County	Rate
Caldwell	239.8
Taylor	61.0
Owsley	58.2
Lyon	57.4
Clay	45.9
Knox	43.1
Russell	42.2
Laurel	38.8
Whitley	35.5
Bell	35.1
Adair	35.0
McCreary	34.0
Robertson	33.9
Lawrence	33.6
Martin	33.2
Metcalfe	32.6
Green	31.3
Jessamine	30.4
Knott	28.9
Perry	27.2
Henry	26.6
Clinton	26.6
Pike	26.4
Pulaski	26.2
Mason	25.9
Barren	24.9
Rockcastle	24.0
Logan	23.7
Scott	23.3
Daviess	22.5

County	Rate
Fayette	22.4
Simpson	22.3
Trimble	21.9
Floyd	21.7
Cumberland	21.6
Jackson	21.4
Washington	21.3
Warren	20.9
Hardin	20.7
Bracken	20.6
Madison	20.4
Hart	20.3
Bourbon	20.2
Jefferson	20.2
Marion	20.0
Butler	20.0
Grant	19.9
Larue	19.8
Boone	19.8
Ohio	19.6
Shelby	19.5
Nelson	19.5
Johnson	19.3
Marshall	19.3
Bullitt	19.2
Harlan	18.7
Pendleton	18.6
Letcher	18.6
Wayne	18.3
Muhlenberg	17.7

County	Rate
Hopkins	17.6
Carroll	17.5
Kenton	17.5
Lee	17.4
Grayson	16.8
Montgomery	16.7
Greenup	16.7
Edmonson	16.5
Oldham	16.0
Campbell	16.0
Nicholas	15.7
Woodford	15.0
Boyle	14.7
Meade	14.5
Carter	14.4
Boyd	14.4
Estill	14.2
Anderson	13.8
Garrard	13.7
Mercer	13.7
Christian	13.2
Leslie	13.0
Crittenden	13.0
Lewis	12.9
Harrison	12.9
Rowan	12.8
Lincoln	12.8
Powell	12.7
Breathitt	12.4
Casey	12.4

County	Rate
McCracken	12.2
Fulton	12.0
Breckinridge	11.9
Spencer	11.1
Ballard	10.9
Todd	10.5
Allen	10.1
Hickman	9.8
Gallatin	9.7
Calloway	9.2
Bath	9.1
Clark	9.1
Henderson	8.8
Graves	8.4
Owen	7.9
Elliott	7.6
Morgan	7.5
Magoffin	7.0
Union	7.0
Menifee	6.6
Hancock	6.6
Carlisle	6.0
Wolfe	6.0
Fleming	5.9
Franklin	5.6
Webster	5.5
Monroe	5.4
Trigg	4.9
Livingston	4.7
McLean	4.7

Current Overall Incidence Rate
20.52 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.