

KY COVID-19 Report 02MAR21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	406,201	311,489	94,712
Deaths	4,671	4,241	430
New Cases	1,080	598	482
New Cases 18 and Under	160	87	73
New Deaths	19	17	2

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
17,036	4.2%	0-9	0.0%	1
42,586	10.5%	10-19	0.0%	1
73,571	18.1%	20-29	0.1%	3
62,628	15.4%	30-39	0.6%	29
61,361	15.1%	40-49	1.7%	79
58,956	14.5%	50-59	6.1%	283
45,313	11.2%	60-69	17.5%	818
27,156	6.7%	70-79	28.0%	1,308
17,392	4.3%	80+	46.0%	2,149
202	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
820	0.3%	American Indian	0.1%	4
3,624	1.2%	Asian	0.5%	22
26,473	8.5%	Black	8.5%	365
374	0.1%	Pacific Islander	0.0%	2
262,976	84.8%	White	88.3%	3,809
15,889	5.1%	Multiracial	2.6%	112

Cases	Case Percent	Ethnicity	Death Percent	Deaths
17,274	5.5%	Hispanic	1.7%	71
296,285	94.5%	Non-Hispanic	98.3%	4,082

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 76.4% of cases and 92.4% of deaths
Ethnicity known for 77.2% of cases and 88.9% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	45,164	11.1%
Deaths	2,357	50.5%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
3,442	72,347	4.76%

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
4,521,249	3,922,153	111,402	487,694	297,009	250,331	9,705	36,973

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	19,234	4.74%
Ever ICU	3,993	0.98%
Recovered	47,787	11.76%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	684
ICU	178
On Ventilator	82

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,152	5,138	61.3%
ICU Beds	1,089	714	60.4%
Ventilators	498	1,260	28.3%

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	32	13	7	4.0%	12.7%	7.1%	52.40%	47.06%	20.20%
Region 2	26	5	2	3.2%	4.1%	2.3%	52.55%	48.36%	24.42%
Region 3	252	58	29	6.6%	11.1%	6.6%	61.99%	57.97%	33.41%
Region 4	33	9	6	3.9%	8.3%	5.3%	52.93%	71.30%	17.54%
Region 5	115	24	13	4.2%	5.8%	2.6%	66.69%	59.13%	32.86%
Region 6	78	23	7	6.1%	13.1%	7.1%	75.67%	52.57%	52.53%
Region 7	27	6	4	4.3%	9.4%	3.3%	57.26%	60.94%	9.09%
Region 8	57	20	10	4.8%	14.7%	6.8%	51.38%	83.09%	30.61%
Region 9	48	9	3	7.2%	7.9%	3.0%	70.42%	60.53%	9.00%
Region 10	16	11	1	3.4%	24.4%	1.6%	49.37%	97.78%	19.35%

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	73,250	18.0%
Fayette	32,734	8.1%
Kenton	14,924	3.7%
Warren	14,587	3.6%
Boone	12,560	3.1%
Daviess	9,741	2.4%
Hardin	8,865	2.2%
Madison	8,671	2.1%
Campbell	7,768	1.9%
Oldham	6,939	1.7%
Christian	6,238	1.5%
Bullitt	6,182	1.5%
Laurel	5,863	1.4%
McCracken	5,799	1.4%
Pulaski	5,773	1.4%
Pike	5,161	1.3%
Boyd	4,643	1.1%
Nelson	4,601	1.1%
Shelby	4,352	1.1%
Henderson	4,329	1.1%
Whitley	4,262	1.0%
Jessamine	4,181	1.0%
Scott	4,082	1.0%
Barren	4,047	1.0%
Graves	3,962	1.0%
Hopkins	3,946	1.0%
Franklin	3,646	0.9%
Calloway	3,396	0.8%
Greenup	3,327	0.8%
Boyle	3,163	0.8%

County	Cases	Percent
Floyd	3,041	0.7%
Knox	2,932	0.7%
Taylor	2,793	0.7%
Bell	2,758	0.7%
Muhlenberg	2,740	0.7%
Marshall	2,542	0.6%
Logan	2,498	0.6%
Clay	2,431	0.6%
Clark	2,417	0.6%
Harlan	2,399	0.6%
Mercer	2,363	0.6%
Perry	2,334	0.6%
Montgomery	2,307	0.6%
Ohio	2,295	0.6%
Marion	2,155	0.5%
Lincoln	2,115	0.5%
Grant	2,052	0.5%
Morgan	2,038	0.5%
Carter	2,013	0.5%
Wayne	1,991	0.5%
Woodford	1,984	0.5%
Grayson	1,961	0.5%
Rowan	1,943	0.5%
Meade	1,860	0.5%
Hart	1,833	0.5%
Allen	1,806	0.4%
Johnson	1,802	0.4%
McCreary	1,753	0.4%
Letcher	1,698	0.4%
Russell	1,682	0.4%

County	Cases	Percent
Simpson	1,677	0.4%
Anderson	1,624	0.4%
Adair	1,599	0.4%
Bourbon	1,552	0.4%
Caldwell	1,543	0.4%
Harrison	1,509	0.4%
Spencer	1,504	0.4%
Mason	1,450	0.4%
Garrard	1,399	0.3%
Clinton	1,361	0.3%
Rockcastle	1,355	0.3%
Washington	1,337	0.3%
Butler	1,319	0.3%
Union	1,269	0.3%
Lawrence	1,259	0.3%
Monroe	1,248	0.3%
Henry	1,233	0.3%
Larue	1,222	0.3%
Jackson	1,213	0.3%
Casey	1,200	0.3%
Lee	1,195	0.3%
Webster	1,164	0.3%
Trigg	1,118	0.3%
Breckinridge	1,102	0.3%
Green	1,099	0.3%
Lewis	1,099	0.3%
Fleming	1,085	0.3%
Knott	1,055	0.3%
Todd	1,008	0.2%
Powell	978	0.2%

County	Cases	Percent
Estill	975	0.2%
Metcalfe	971	0.2%
Pendleton	942	0.2%
Martin	938	0.2%
Elliott	932	0.2%
Breathitt	924	0.2%
Carroll	890	0.2%
Magoffin	876	0.2%
McLean	835	0.2%
Edmonson	822	0.2%
Hancock	805	0.2%
Leslie	793	0.2%
Bath	774	0.2%
Livingston	763	0.2%
Cumberland	657	0.2%
Gallatin	650	0.2%
Owen	625	0.2%
Trimble	603	0.1%
Crittenden	567	0.1%
Bracken	521	0.1%
Lyon	514	0.1%
Fulton	482	0.1%
Nicholas	459	0.1%
Carlisle	433	0.1%
Wolfe	433	0.1%
Owsley	429	0.1%
Menifee	412	0.1%
Ballard	350	0.1%
Hickman	324	0.1%
Robertson	190	0.0%

Total Cases
406,201

New Cases by County

County	Cases	Percent
Jefferson	164	15.2%
Fayette	77	7.1%
Kenton	56	5.2%
Boone	45	4.2%
Hardin	36	3.3%
Madison	30	2.8%
Scott	28	2.6%
Pike	25	2.3%
Warren	24	2.2%
Johnson	22	2.0%
Daviess	21	1.9%
Taylor	20	1.9%
Pulaski	19	1.8%
Calloway	18	1.7%
Marshall	17	1.6%
Campbell	16	1.5%
Oldham	16	1.5%
Whitley	16	1.5%
Clay	15	1.4%
Grant	15	1.4%
Knox	14	1.3%
Laurel	14	1.3%
Simpson	14	1.3%
Barren	12	1.1%
Jessamine	12	1.1%
Bullitt	11	1.0%
Christian	10	0.9%
Graves	10	0.9%
McCracken	10	0.9%
Adair	9	0.8%

County	Cases	Percent
Green	9	0.8%
Clark	8	0.7%
Morgan	8	0.7%
Harlan	7	0.6%
Hopkins	7	0.6%
Muhlenberg	7	0.6%
Nelson	7	0.6%
Pendleton	7	0.6%
Perry	7	0.6%
Shelby	7	0.6%
Allen	6	0.6%
Anderson	6	0.6%
Boyle	6	0.6%
Knott	6	0.6%
Larue	6	0.6%
Logan	6	0.6%
Lyon	6	0.6%
Meade	6	0.6%
Ohio	6	0.6%
Russell	6	0.6%
Boyd	5	0.5%
Crittenden	5	0.5%
Grayson	5	0.5%
Jackson	5	0.5%
Letcher	5	0.5%
Washington	5	0.5%
Bell	4	0.4%
Clinton	4	0.4%
Fleming	4	0.4%
Floyd	4	0.4%

County	Cases	Percent
Leslie	4	0.4%
Lewis	4	0.4%
Lincoln	4	0.4%
McCreary	4	0.4%
Marion	4	0.4%
Rockcastle	4	0.4%
Bath	3	0.3%
Bourbon	3	0.3%
Carroll	3	0.3%
Carter	3	0.3%
Casey	3	0.3%
Elliott	3	0.3%
Harrison	3	0.3%
Hart	3	0.3%
Henderson	3	0.3%
Livingston	3	0.3%
Martin	3	0.3%
Mason	3	0.3%
Menifee	3	0.3%
Powell	3	0.3%
Wayne	3	0.3%
Woodford	3	0.3%
Bracken	2	0.2%
Butler	2	0.2%
Franklin	2	0.2%
Lawrence	2	0.2%
Magoffin	2	0.2%
Mercer	2	0.2%
Metcalfe	2	0.2%
Nicholas	2	0.2%

County	Cases	Percent
Owsley	2	0.2%
Trigg	2	0.2%
Edmonson	1	0.1%
Estill	1	0.1%
Gallatin	1	0.1%
Garrard	1	0.1%
Greenup	1	0.1%
Hancock	1	0.1%
Hickman	1	0.1%
Lee	1	0.1%
McLean	1	0.1%
Owen	1	0.1%
Rowan	1	0.1%
Trimble	1	0.1%
Ballard	0	0.0%
Breathitt	0	0.0%
Breckinridge	0	0.0%
Caldwell	0	0.0%
Carlisle	0	0.0%
Cumberland	0	0.0%
Fulton	0	0.0%
Henry	0	0.0%
Monroe	0	0.0%
Montgomery	0	0.0%
Robertson	0	0.0%
Spencer	0	0.0%
Todd	0	0.0%
Union	0	0.0%
Webster	0	0.0%
Wolfe	0	0.0%

Total New Cases
1,080

Total Deaths by County

County	Deaths	Percent
Jefferson	825	17.7%
Fayette	227	4.9%
Daviess	159	3.4%
Warren	136	2.9%
Kenton	126	2.7%
Hopkins	125	2.7%
Hardin	96	2.1%
Madison	89	1.9%
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	1.0%
Muhlenberg	49	1.0%
Bullitt	48	1.0%
Marshall	48	1.0%
Campbell	47	1.0%
Grayson	47	1.0%
Ohio	47	1.0%
Boyd	43	0.9%
Floyd	42	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	37	0.8%
Bell	35	0.7%
Casey	33	0.7%
Hart	33	0.7%
Lincoln	33	0.7%
Mercer	33	0.7%
Lewis	31	0.7%
Taylor	31	0.7%
Laurel	30	0.6%
Simpson	30	0.6%
Washington	30	0.6%
Franklin	29	0.6%
Jackson	29	0.6%
Letcher	29	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	0.4%
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%
Rockcastle	15	0.3%
Fleming	14	0.3%
Hancock	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	0.1%
Hickman	7	0.1%
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
4,671

Incidence Rates by County

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

County	Rate
Caldwell	237.6
Lyon	62.6
Taylor	58.2
Owsley	55.0
Clay	48.1
Knox	41.3
Whitley	37.0
Adair	35.7
Green	35.3
Bell	35.1
Russell	35.1
McCreary	34.0
Robertson	33.9
Martin	31.9
Metcalfe	29.8
Simpson	29.2
Mason	27.6
Jessamine	27.2
Laurel	25.8
Pendleton	24.5
Pulaski	24.2
Knott	24.1
Clinton	23.8
Logan	23.7
Jackson	23.6
Barren	23.2
Johnson	23.2
Scott	22.1
Grant	21.7
Pike	21.5

County	Rate
Lawrence	21.5
Floyd	21.3
Hardin	21.1
Hart	21.0
Bourbon	20.9
Marshall	20.7
Madison	20.4
Ohio	20.2
Trimble	20.2
Fayette	20.2
Carroll	20.2
Daviess	20.1
Larue	19.8
Rockcastle	19.7
Muhlenberg	19.6
Cumberland	19.4
Jefferson	19.0
Perry	18.9
Butler	18.9
Warren	18.7
Boone	18.6
Henry	18.6
Letcher	18.6
Marion	18.5
Hopkins	17.9
Crittenden	17.8
Bullitt	17.8
Washington	17.7
Bracken	17.2
Shelby	17.2

County	Rate
Harlan	16.5
Anderson	16.3
Boyle	16.2
Kenton	16.1
Calloway	15.8
Grayson	15.7
Oldham	15.4
Edmonson	15.3
Lewis	15.1
Morgan	15.0
Powell	15.0
Wayne	14.8
Garrard	14.6
Carter	14.4
Montgomery	14.2
Estill	14.2
Nelson	13.9
Campbell	13.9
Nicholas	13.8
Casey	13.3
Menifee	13.2
Meade	13.0
Boyd	12.8
Woodford	12.8
Breathitt	12.4
Lincoln	12.2
Greenup	12.2
Harrison	12.1
Allen	12.1
Fulton	12.0

County	Rate
Lee	11.6
McCracken	11.6
Christian	11.6
Bath	11.4
Breckinridge	10.5
Mercer	10.4
Leslie	10.1
Hickman	9.8
Gallatin	9.7
Elliott	9.5
Todd	9.3
Graves	9.2
Fleming	8.8
Clark	8.3
Spencer	8.1
Henderson	7.9
Owen	7.9
Rowan	7.6
Ballard	7.2
Hancock	6.6
Livingston	6.2
McLean	6.2
Carlisle	6.0
Union	6.0
Trigg	5.9
Franklin	4.8
Magoffin	4.7
Webster	4.4
Wolfe	4.0
Monroe	2.7

Current Overall Incidence Rate
19.23 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.