

KY COVID-19 Report 08FEB21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	378,793	294,457	84,336
Deaths	4,091	3,720	371
New Cases	1,003	736	267
New Cases 18 and Under	175	120	55
New Deaths	40	31	9

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
15,602	4.1%	0-9	0.0%	1
39,109	10.3%	10-19	0.0%	1
68,951	18.2%	20-29	0.0%	2
58,253	15.4%	30-39	0.6%	26
57,078	15.1%	40-49	1.7%	68
54,937	14.5%	50-59	5.9%	240
42,383	11.2%	60-69	17.1%	698
25,637	6.8%	70-79	27.4%	1,121
16,653	4.4%	80+	47.3%	1,934
190	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
735	0.3%	American Indian	0.1%	4
3,385	1.2%	Asian	0.6%	21
24,682	8.5%	Black	8.4%	317
341	0.1%	Pacific Islander	0.0%	1
247,245	85.0%	White	88.1%	3,312
14,526	5.0%	Multiracial	2.7%	103

Cases	Case Percent	Ethnicity	Death Percent	Deaths
16,121	5.6%	Hispanic	1.8%	66
270,482	94.4%	Non-Hispanic	98.2%	3,548

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 76.8% of cases and 91.9% of deaths
 Ethnicity known for 75.7% of cases and 88.3% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	44,198	11.7%
Deaths	2,281	55.8%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
6,504	83,645	7.78%

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
4,197,293	3,694,175	109,151	393,967	276,553	235,000	8,843	32,710

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	17,429	4.60%
Ever ICU	3,689	0.97%
Recovered	44,961	11.87%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,163
ICU	274
On Ventilator	142

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,126	4,832	62.7%
ICU Beds	1,134	615	64.8%
Ventilators	593	1,155	33.9%

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	57	15	5	8.1%	16.9%	5.6%	41.71%	42.70%	13.33%
Region 2	55	13	8	6.7%	10.7%	9.4%	59.95%	57.38%	29.41%
Region 3	380	85	58	10.0%	16.3%	13.3%	60.71%	65.26%	43.94%
Region 4	74	15	5	8.7%	13.9%	4.2%	54.69%	75.93%	18.49%
Region 5	202	51	28	7.3%	12.3%	5.4%	71.10%	69.23%	38.58%
Region 6	125	32	11	9.8%	18.3%	9.9%	73.47%	52.00%	54.95%
Region 7	47	10	4	8.1%	17.2%	3.5%	69.98%	81.03%	12.28%
Region 8	125	28	12	10.4%	20.6%	8.5%	60.32%	78.68%	24.82%
Region 9	88	24	11	13.2%	21.1%	10.9%	59.61%	55.26%	24.75%
Region 10	10	1	0	3.6%	10.0%	0.0%	45.32%	80.00%	20.69%

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	68,743	18.1%
Fayette	30,799	8.1%
Warren	13,788	3.6%
Kenton	13,641	3.6%
Boone	11,498	3.0%
Daviess	9,102	2.4%
Hardin	8,277	2.2%
Madison	8,063	2.1%
Campbell	7,165	1.9%
Oldham	6,628	1.7%
Christian	5,950	1.6%
Bullitt	5,744	1.5%
McCracken	5,450	1.4%
Laurel	5,377	1.4%
Pulaski	5,345	1.4%
Pike	4,785	1.3%
Boyd	4,420	1.2%
Nelson	4,308	1.1%
Henderson	4,153	1.1%
Shelby	4,051	1.1%
Whitley	3,886	1.0%
Jessamine	3,859	1.0%
Graves	3,824	1.0%
Hopkins	3,708	1.0%
Barren	3,669	1.0%
Scott	3,641	1.0%
Franklin	3,362	0.9%
Calloway	3,303	0.9%
Greenup	3,203	0.8%
Boyle	3,027	0.8%

County	Cases	Percent
Floyd	2,861	0.8%
Knox	2,702	0.7%
Muhlenberg	2,626	0.7%
Bell	2,519	0.7%
Taylor	2,407	0.6%
Marshall	2,365	0.6%
Logan	2,327	0.6%
Harlan	2,289	0.6%
Clark	2,277	0.6%
Clay	2,276	0.6%
Mercer	2,239	0.6%
Ohio	2,184	0.6%
Perry	2,074	0.5%
Montgomery	2,054	0.5%
Marion	1,997	0.5%
Lincoln	1,967	0.5%
Morgan	1,943	0.5%
Carter	1,895	0.5%
Wayne	1,888	0.5%
Woodford	1,856	0.5%
Grayson	1,829	0.5%
Grant	1,826	0.5%
Rowan	1,801	0.5%
Meade	1,741	0.5%
Hart	1,714	0.5%
Allen	1,691	0.4%
Johnson	1,629	0.4%
Letcher	1,573	0.4%
Simpson	1,572	0.4%
McCreary	1,555	0.4%

County	Cases	Percent
Anderson	1,543	0.4%
Adair	1,479	0.4%
Bourbon	1,475	0.4%
Russell	1,456	0.4%
Harrison	1,416	0.4%
Spencer	1,377	0.4%
Garrard	1,318	0.3%
Mason	1,311	0.3%
Rockcastle	1,261	0.3%
Clinton	1,258	0.3%
Washington	1,234	0.3%
Union	1,233	0.3%
Butler	1,228	0.3%
Caldwell	1,214	0.3%
Monroe	1,206	0.3%
Lee	1,147	0.3%
Jackson	1,146	0.3%
Lawrence	1,140	0.3%
Henry	1,128	0.3%
Webster	1,122	0.3%
Larue	1,116	0.3%
Casey	1,113	0.3%
Fleming	1,032	0.3%
Breckinridge	1,031	0.3%
Lewis	1,026	0.3%
Trigg	1,026	0.3%
Green	1,004	0.3%
Todd	962	0.3%
Powell	925	0.2%
Knott	919	0.2%

County	Cases	Percent
Elliott	918	0.2%
Estill	917	0.2%
Martin	890	0.2%
Breathitt	874	0.2%
Pendleton	871	0.2%
Metcalfe	858	0.2%
Carroll	836	0.2%
Magoffin	822	0.2%
McLean	812	0.2%
Hancock	768	0.2%
Edmonson	767	0.2%
Bath	716	0.2%
Leslie	711	0.2%
Livingston	698	0.2%
Cumberland	617	0.2%
Gallatin	598	0.2%
Owen	584	0.2%
Trimble	555	0.1%
Crittenden	526	0.1%
Bracken	467	0.1%
Fulton	456	0.1%
Nicholas	433	0.1%
Lyon	431	0.1%
Carlisle	416	0.1%
Wolfe	406	0.1%
Menifee	375	0.1%
Owsley	371	0.1%
Ballard	322	0.1%
Hickman	296	0.1%
Robertson	182	0.0%

Total Cases
378,793

New Cases by County

County	Cases	Percent
Jefferson	205	20.4%
Fayette	69	6.9%
Warren	38	3.8%
Campbell	30	3.0%
Bullitt	26	2.6%
Kenton	25	2.5%
Madison	25	2.5%
Boone	24	2.4%
Daviess	24	2.4%
Shelby	24	2.4%
Graves	20	2.0%
McCracken	20	2.0%
Allen	18	1.8%
Hardin	18	1.8%
Franklin	17	1.7%
Oldham	17	1.7%
Marion	15	1.5%
Marshall	15	1.5%
Calloway	14	1.4%
Barren	13	1.3%
Boyd	13	1.3%
Greenup	13	1.3%
Livingston	13	1.3%
Pike	13	1.3%
Floyd	12	1.2%
Nelson	12	1.2%
Whitley	12	1.2%
Bourbon	10	1.0%
Jessamine	10	1.0%
Trigg	10	1.0%

County	Cases	Percent
Logan	9	0.9%
Carter	8	0.8%
Grayson	7	0.7%
Harlan	7	0.7%
Simpson	7	0.7%
Woodford	7	0.7%
Bell	6	0.6%
Butler	6	0.6%
Henderson	6	0.6%
Jackson	6	0.6%
Letcher	6	0.6%
Scott	6	0.6%
Spencer	6	0.6%
Clay	5	0.5%
Hart	5	0.5%
Hopkins	5	0.5%
Johnson	5	0.5%
Muhlenberg	5	0.5%
Breathitt	4	0.4%
Crittenden	4	0.4%
Grant	4	0.4%
Hancock	4	0.4%
Lewis	4	0.4%
Lincoln	4	0.4%
Mercer	4	0.4%
Metcalfe	4	0.4%
Ohio	4	0.4%
Russell	4	0.4%
Ballard	3	0.3%
Boyle	3	0.3%

County	Cases	Percent
Carroll	3	0.3%
Garrard	3	0.3%
Laurel	3	0.3%
McCreary	3	0.3%
Mason	3	0.3%
Meade	3	0.3%
Nicholas	3	0.3%
Pendleton	3	0.3%
Pulaski	3	0.3%
Taylor	3	0.3%
Washington	3	0.3%
Anderson	2	0.2%
Caldwell	2	0.2%
Christian	2	0.2%
Edmonson	2	0.2%
Fleming	2	0.2%
Harrison	2	0.2%
Hickman	2	0.2%
Knott	2	0.2%
Larue	2	0.2%
Lyon	2	0.2%
McLean	2	0.2%
Trimble	2	0.2%
Webster	2	0.2%
Breckinridge	1	0.1%
Clark	1	0.1%
Clinton	1	0.1%
Estill	1	0.1%
Henry	1	0.1%
Monroe	1	0.1%

County	Cases	Percent
Montgomery	1	0.1%
Owsley	1	0.1%
Rockcastle	1	0.1%
Todd	1	0.1%
Wolfe	1	0.1%
Adair	0	0.0%
Bath	0	0.0%
Bracken	0	0.0%
Carlisle	0	0.0%
Casey	0	0.0%
Cumberland	0	0.0%
Elliott	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Green	0	0.0%
Knox	0	0.0%
Lawrence	0	0.0%
Lee	0	0.0%
Leslie	0	0.0%
Magoffin	0	0.0%
Martin	0	0.0%
Menifee	0	0.0%
Morgan	0	0.0%
Owen	0	0.0%
Perry	0	0.0%
Powell	0	0.0%
Robertson	0	0.0%
Rowan	0	0.0%
Union	0	0.0%
Wayne	0	0.0%

Total New Cases
1,003

Total Deaths by County

County	Deaths	Percent
Jefferson	734	17.9%
Fayette	201	4.9%
Daviess	150	3.7%
Hopkins	117	2.9%
Warren	117	2.9%
Kenton	110	2.7%
Hardin	80	2.0%
Christian	72	1.8%
Pulaski	70	1.7%
Oldham	68	1.7%
Graves	67	1.6%
Boone	66	1.6%
Madison	65	1.6%
McCracken	60	1.5%
Harlan	57	1.4%
Henderson	55	1.3%
Barren	52	1.3%
Pike	51	1.2%
Adair	49	1.2%
Logan	49	1.2%
Jessamine	48	1.2%
Grayson	45	1.1%
Bullitt	44	1.1%
Campbell	44	1.1%
Ohio	44	1.1%
Muhlenberg	43	1.1%
Marshall	41	1.0%
Boyd	40	1.0%
Calloway	36	0.9%
Monroe	36	0.9%

County	Deaths	Percent
Russell	36	0.9%
Shelby	35	0.9%
Bell	33	0.8%
Wayne	32	0.8%
Casey	31	0.8%
Lincoln	31	0.8%
Lewis	30	0.7%
Boyle	29	0.7%
Hart	29	0.7%
Perry	29	0.7%
Franklin	28	0.7%
Taylor	28	0.7%
Jackson	27	0.7%
Nelson	27	0.7%
Simpson	27	0.7%
Mason	26	0.6%
Scott	26	0.6%
Clay	25	0.6%
McLean	25	0.6%
Washington	25	0.6%
Clinton	24	0.6%
Greenup	23	0.6%
Montgomery	23	0.6%
Allen	22	0.5%
Laurel	22	0.5%
Butler	21	0.5%
Caldwell	21	0.5%
Carter	21	0.5%
Marion	21	0.5%
Floyd	20	0.5%

County	Deaths	Percent
Todd	20	0.5%
Gallatin	19	0.5%
Johnson	18	0.4%
Lee	18	0.4%
Metcalfe	18	0.4%
Edmonson	17	0.4%
Webster	17	0.4%
Clark	16	0.4%
Crittenden	16	0.4%
Letcher	16	0.4%
Livingston	16	0.4%
McCreary	16	0.4%
Whitley	16	0.4%
Bath	15	0.4%
Knott	15	0.4%
Mercer	15	0.4%
Anderson	14	0.3%
Fleming	13	0.3%
Green	13	0.3%
Hancock	13	0.3%
Lawrence	13	0.3%
Rockcastle	13	0.3%
Grant	12	0.3%
Lyon	12	0.3%
Meade	12	0.3%
Robertson	12	0.3%
Knox	11	0.3%
Martin	11	0.3%
Menifee	11	0.3%
Union	11	0.3%

County	Deaths	Percent
Carroll	10	0.2%
Larue	10	0.2%
Owsley	10	0.2%
Rowan	9	0.2%
Harrison	8	0.2%
Trigg	8	0.2%
Cumberland	7	0.2%
Hickman	7	0.2%
Owen	7	0.2%
Bourbon	6	0.1%
Breckinridge	6	0.1%
Henry	6	0.1%
Nicholas	6	0.1%
Ballard	5	0.1%
Fulton	5	0.1%
Spencer	5	0.1%
Bracken	4	0.1%
Breathitt	4	0.1%
Garrard	4	0.1%
Wolfe	4	0.1%
Woodford	4	0.1%
Trimble	3	0.1%
Leslie	2	0.0%
Carlisle	1	0.0%
Elliott	1	0.0%
Magoffin	1	0.0%
Pendleton	1	0.0%
Estill	0	0.0%
Morgan	0	0.0%
Powell	0	0.0%

Total Deaths
4,091

Incidence Rates by County

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

County	Rate
Allen	89.8
Webster	78.4
Washington	70.9
Butler	69.9
Daviess	63.8
McCreary	63.0
Nelson	62.4
Ohio	57.8
Monroe	56.3
Larue	55.6
Logan	55.3
Madison	54.7
Anderson	54.6
Whitley	54.4
Edmonson	54.1
Laurel	54.0
Marion	53.4
Boone	53.0
Livingston	52.8
Metcalfe	52.5
Hancock	52.4
Barren	52.3
Knox	52.3
Clay	51.0
Campbell	49.5
Kenton	49.3
Bourbon	48.4
Russell	47.0
Grant	46.7
Floyd	46.2

County	Rate
Bell	46.1
Henderson	44.6
Graves	44.5
Warren	44.0
Lawrence	43.8
Hart	43.5
Hopkins	43.2
Jackson	42.9
Harrison	42.4
Marshall	42.3
Woodford	42.2
Trimble	42.2
McLean	41.9
Greenup	41.5
Breathitt	40.7
Grayson	40.5
Pulaski	40.5
Boyd	40.4
Pike	40.2
Wayne	40.0
Fayette	39.9
Mercer	39.7
Christian	39.3
Martin	38.3
Taylor	38.3
Caldwell	38.1
Jefferson	37.5
Hardin	36.6
Simpson	36.2
Jessamine	35.9

County	Rate
Garrard	34.8
Shelby	34.7
Powell	34.7
Pendleton	34.3
Oldham	34.0
Meade	34.0
Wolfe	33.9
Clinton	33.6
Fleming	33.3
Bullitt	33.2
McCracken	33.0
Union	32.8
Rockcastle	32.5
Cumberland	32.4
Scott	31.8
Letcher	31.8
Johnson	31.5
Muhlenberg	31.3
Bracken	31.0
Hickman	29.4
Casey	29.2
Henry	28.3
Gallatin	27.4
Spencer	27.3
Perry	27.2
Lee	27.0
Mason	26.8
Menifee	26.4
Adair	26.0
Clark	25.6

County	Rate
Carroll	25.5
Calloway	25.3
Boyle	25.2
Rowan	25.1
Carter	25.1
Owen	24.9
Franklin	23.3
Owsley	22.7
Morgan	22.5
Trigg	22.4
Estill	22.3
Green	22.2
Harlan	22.0
Nicholas	21.6
Todd	20.9
Breckinridge	19.5
Crittenden	19.5
Fulton	19.1
Montgomery	17.8
Knott	17.4
Magoffin	16.4
Carlisle	15.0
Ballard	14.5
Leslie	14.5
Lyon	13.9
Lincoln	13.4
Bath	11.4
Lewis	8.6
Robertson	6.8
Elliott	3.8

Current Overall Incidence Rate
40.19 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.