

KY COVID-19 Report 20FEB21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	396,018	304,886	91,132
Deaths	4,426	4,017	409
New Cases	1,333	777	556
New Cases 18 and Under	193	123	70
New Deaths	25	22	3

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
16,505	4.2%	0-9	0.0%	1
41,320	10.4%	10-19	0.0%	1
71,874	18.1%	20-29	0.0%	2
61,040	15.4%	30-39	0.6%	27
59,764	15.1%	40-49	1.7%	74
57,407	14.5%	50-59	5.9%	259
44,175	11.2%	60-69	17.4%	772
26,590	6.7%	70-79	27.6%	1,222
17,146	4.3%	80+	46.7%	2,068
197	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
801	0.3%	American Indian	0.1%	4
3,547	1.2%	Asian	0.5%	22
25,873	8.5%	Black	8.5%	346
363	0.1%	Pacific Islander	0.0%	1
259,031	84.9%	White	88.3%	3,600
15,403	5.0%	Multiracial	2.6%	106

Cases	Case Percent	Ethnicity	Death Percent	Deaths
16,793	5.5%	Hispanic	1.7%	68
287,175	94.5%	Non-Hispanic	98.3%	3,858

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 77.0% of cases and 92.2% of deaths
Ethnicity known for 76.8% of cases and 88.7% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	44,580	11.3%
Deaths	2,328	52.6%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
3,868	57,112	6.77%

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
4,369,638	3,807,556	110,578	451,504	287,815	242,898	9,377	35,540

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	18,555	4.69%
Ever ICU	3,871	0.98%
Recovered	46,702	11.79%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	921
ICU	245
On Ventilator	125

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,181	5,109	61.6%
ICU Beds	1,152	651	63.9%
Ventilators	575	1,218	32.1%

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	40	17	7	5.1%	16.7%	7.1%	55.18%	65.69%	19.19%
Region 2	55	12	8	6.7%	9.8%	6.7%	56.19%	50.00%	24.37%
Region 3	322	70	43	8.4%	13.4%	9.8%	61.91%	63.15%	36.84%
Region 4	51	16	10	6.0%	14.8%	8.6%	54.69%	74.07%	23.28%
Region 5	157	35	19	5.7%	8.4%	3.9%	65.32%	64.18%	37.27%
Region 6	78	30	7	6.1%	17.1%	6.4%	70.89%	47.43%	49.54%
Region 7	44	12	5	7.0%	18.8%	4.2%	71.77%	76.56%	15.83%
Region 8	78	23	13	6.5%	16.9%	8.8%	56.56%	83.82%	29.93%
Region 9	74	19	8	11.1%	16.7%	7.9%	57.21%	55.26%	19.80%
Region 10	22	11	5	4.6%	24.4%	8.1%	49.16%	86.67%	35.48%

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	71,623	18.1%
Fayette	32,009	8.1%
Kenton	14,512	3.7%
Warren	14,310	3.6%
Boone	12,185	3.1%
Daviess	9,522	2.4%
Hardin	8,648	2.2%
Madison	8,486	2.1%
Campbell	7,558	1.9%
Oldham	6,771	1.7%
Christian	6,148	1.6%
Bullitt	6,009	1.5%
Laurel	5,691	1.4%
McCracken	5,645	1.4%
Pulaski	5,616	1.4%
Pike	4,982	1.3%
Boyd	4,565	1.2%
Nelson	4,516	1.1%
Henderson	4,284	1.1%
Shelby	4,276	1.1%
Whitley	4,103	1.0%
Jessamine	4,032	1.0%
Barren	3,934	1.0%
Graves	3,923	1.0%
Scott	3,859	1.0%
Hopkins	3,855	1.0%
Franklin	3,576	0.9%
Calloway	3,345	0.8%
Greenup	3,273	0.8%
Boyle	3,115	0.8%

County	Cases	Percent
Floyd	2,965	0.7%
Knox	2,800	0.7%
Muhlenberg	2,690	0.7%
Bell	2,661	0.7%
Taylor	2,622	0.7%
Marshall	2,476	0.6%
Logan	2,430	0.6%
Clark	2,370	0.6%
Harlan	2,352	0.6%
Clay	2,342	0.6%
Mercer	2,324	0.6%
Montgomery	2,271	0.6%
Ohio	2,255	0.6%
Perry	2,208	0.6%
Marion	2,116	0.5%
Lincoln	2,057	0.5%
Morgan	2,010	0.5%
Wayne	1,955	0.5%
Grant	1,954	0.5%
Woodford	1,950	0.5%
Carter	1,934	0.5%
Grayson	1,917	0.5%
Rowan	1,906	0.5%
Meade	1,816	0.5%
Hart	1,786	0.5%
Allen	1,781	0.4%
Johnson	1,713	0.4%
McCreary	1,700	0.4%
Letcher	1,638	0.4%
Simpson	1,627	0.4%

County	Cases	Percent
Russell	1,619	0.4%
Anderson	1,593	0.4%
Adair	1,522	0.4%
Bourbon	1,521	0.4%
Harrison	1,471	0.4%
Spencer	1,466	0.4%
Mason	1,411	0.4%
Garrard	1,373	0.3%
Clinton	1,335	0.3%
Caldwell	1,324	0.3%
Rockcastle	1,309	0.3%
Washington	1,299	0.3%
Butler	1,296	0.3%
Union	1,257	0.3%
Monroe	1,245	0.3%
Lawrence	1,198	0.3%
Henry	1,194	0.3%
Jackson	1,186	0.3%
Lee	1,181	0.3%
Larue	1,179	0.3%
Casey	1,173	0.3%
Webster	1,156	0.3%
Trigg	1,093	0.3%
Lewis	1,081	0.3%
Breckinridge	1,078	0.3%
Fleming	1,067	0.3%
Green	1,053	0.3%
Knott	1,004	0.3%
Todd	1,001	0.3%
Powell	960	0.2%

County	Cases	Percent
Estill	959	0.2%
Metcalfe	939	0.2%
Elliott	935	0.2%
Breathitt	912	0.2%
Pendleton	912	0.2%
Martin	908	0.2%
Carroll	871	0.2%
Magoffin	855	0.2%
McLean	828	0.2%
Edmonson	801	0.2%
Hancock	800	0.2%
Leslie	767	0.2%
Livingston	741	0.2%
Bath	740	0.2%
Gallatin	645	0.2%
Cumberland	642	0.2%
Owen	619	0.2%
Trimble	589	0.1%
Crittenden	548	0.1%
Bracken	500	0.1%
Fulton	465	0.1%
Lyon	465	0.1%
Nicholas	444	0.1%
Carlisle	426	0.1%
Wolfe	417	0.1%
Owsley	406	0.1%
Menifee	395	0.1%
Ballard	339	0.1%
Hickman	313	0.1%
Robertson	187	0.0%

Total Cases
396,018

New Cases by County

County	Cases	Percent
Jefferson	205	15.4%
Kenton	75	5.6%
Fayette	70	5.3%
Boone	65	4.9%
Laurel	50	3.8%
Christian	44	3.3%
Whitley	41	3.1%
Warren	37	2.8%
Hardin	33	2.5%
Daviess	31	2.3%
Scott	24	1.8%
Taylor	24	1.8%
Pike	23	1.7%
Barren	21	1.6%
Franklin	20	1.5%
Bullitt	18	1.4%
McCreary	18	1.4%
Shelby	17	1.3%
Bell	16	1.2%
Madison	16	1.2%
Rowan	16	1.2%
Campbell	13	1.0%
Morgan	13	1.0%
Russell	13	1.0%
Jessamine	12	0.9%
Logan	12	0.9%
Powell	12	0.9%
Hopkins	11	0.8%
Grayson	10	0.8%
Green	10	0.8%

County	Cases	Percent
Leslie	10	0.8%
McCracken	10	0.8%
Mercer	10	0.8%
Boyd	9	0.7%
Caldwell	9	0.7%
Calloway	9	0.7%
Henderson	9	0.7%
Marshall	9	0.7%
Floyd	8	0.6%
Greenup	8	0.6%
Knox	8	0.6%
Meade	8	0.6%
Butler	7	0.5%
Harlan	7	0.5%
Metcalfe	7	0.5%
Nicholas	7	0.5%
Oldham	7	0.5%
Perry	7	0.5%
Pulaski	7	0.5%
Bourbon	6	0.5%
Boyle	6	0.5%
Harrison	6	0.5%
Johnson	6	0.5%
Marion	6	0.5%
Spencer	6	0.5%
Adair	5	0.4%
Anderson	5	0.4%
Bracken	5	0.4%
Breathitt	5	0.4%
Breckinridge	5	0.4%

County	Cases	Percent
Clay	5	0.4%
Garrard	5	0.4%
Jackson	5	0.4%
Larue	5	0.4%
Muhlenberg	5	0.4%
Nelson	5	0.4%
Ohio	5	0.4%
Simpson	5	0.4%
Washington	5	0.4%
Casey	4	0.3%
Grant	4	0.3%
Hart	4	0.3%
Knott	4	0.3%
Lyon	4	0.3%
Monroe	4	0.3%
Owen	4	0.3%
Carlisle	3	0.2%
Carroll	3	0.2%
Clinton	3	0.2%
Cumberland	3	0.2%
Edmonson	3	0.2%
Gallatin	3	0.2%
Henry	3	0.2%
Lawrence	3	0.2%
Lee	3	0.2%
Lewis	3	0.2%
Rockcastle	3	0.2%
Union	3	0.2%
Webster	3	0.2%
Woodford	3	0.2%

County	Cases	Percent
Estill	2	0.2%
Fleming	2	0.2%
Graves	2	0.2%
Mason	2	0.2%
Montgomery	2	0.2%
Pendleton	2	0.2%
Wayne	2	0.2%
Wolfe	2	0.2%
Allen	1	0.1%
Bath	1	0.1%
Carter	1	0.1%
Clark	1	0.1%
Elliott	1	0.1%
Hancock	1	0.1%
Letcher	1	0.1%
Lincoln	1	0.1%
McLean	1	0.1%
Magoffin	1	0.1%
Martin	1	0.1%
Menifee	1	0.1%
Owsley	1	0.1%
Todd	1	0.1%
Trigg	1	0.1%
Ballard	0	0.0%
Crittenden	0	0.0%
Fulton	0	0.0%
Hickman	0	0.0%
Livingston	0	0.0%
Robertson	0	0.0%
Trimble	0	0.0%

Total New Cases
1,333

Total Deaths by County

County	Deaths	Percent
Jefferson	777	17.6%
Fayette	221	5.0%
Daviess	154	3.5%
Warren	129	2.9%
Hopkins	123	2.8%
Kenton	122	2.8%
Hardin	87	2.0%
Madison	79	1.8%
Christian	75	1.7%
Pulaski	75	1.7%
Boone	72	1.6%
Barren	71	1.6%
Graves	70	1.6%
Oldham	69	1.6%
Harlan	68	1.5%
McCracken	63	1.4%
Pike	57	1.3%
Henderson	55	1.2%
Logan	51	1.2%
Adair	49	1.1%
Jessamine	49	1.1%
Bullitt	47	1.1%
Muhlenberg	47	1.1%
Campbell	46	1.0%
Marshall	46	1.0%
Ohio	46	1.0%
Grayson	45	1.0%
Shelby	45	1.0%
Boyd	43	1.0%
Wayne	40	0.9%

County	Deaths	Percent
Calloway	38	0.9%
Monroe	38	0.9%
Russell	37	0.8%
Bell	33	0.7%
Casey	33	0.7%
Hart	33	0.7%
Perry	33	0.7%
Lincoln	32	0.7%
Boyle	31	0.7%
Nelson	31	0.7%
Lewis	30	0.7%
Taylor	30	0.7%
Floyd	29	0.7%
Jackson	29	0.7%
Washington	29	0.7%
Franklin	28	0.6%
Simpson	28	0.6%
Mason	27	0.6%
Clay	26	0.6%
Clinton	26	0.6%
Scott	26	0.6%
Laurel	25	0.6%
McLean	25	0.6%
Mercer	24	0.5%
Todd	24	0.5%
Butler	23	0.5%
Caldwell	23	0.5%
Greenup	23	0.5%
Marion	23	0.5%
Montgomery	23	0.5%

County	Deaths	Percent
Allen	22	0.5%
Carter	22	0.5%
McCreary	20	0.5%
Gallatin	19	0.4%
Lee	19	0.4%
Metcalfe	19	0.4%
Clark	18	0.4%
Edmonson	18	0.4%
Johnson	18	0.4%
Letcher	18	0.4%
Crittenden	17	0.4%
Lawrence	17	0.4%
Webster	17	0.4%
Anderson	16	0.4%
Bath	16	0.4%
Livingston	16	0.4%
Whitley	16	0.4%
Knott	15	0.3%
Fleming	14	0.3%
Hancock	14	0.3%
Grant	13	0.3%
Green	13	0.3%
Lyon	13	0.3%
Meade	13	0.3%
Rockcastle	13	0.3%
Union	13	0.3%
Robertson	12	0.3%
Knox	11	0.2%
Larue	11	0.2%
Martin	11	0.2%

County	Deaths	Percent
Menifee	11	0.2%
Spencer	11	0.2%
Carroll	10	0.2%
Owsley	10	0.2%
Rowan	10	0.2%
Breckinridge	9	0.2%
Garrard	9	0.2%
Harrison	9	0.2%
Cumberland	8	0.2%
Owen	8	0.2%
Trigg	8	0.2%
Bourbon	7	0.2%
Henry	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%
Trimble	3	0.1%
Leslie	2	0.0%
Carlisle	1	0.0%
Elliott	1	0.0%
Estill	1	0.0%
Magoffin	1	0.0%
Morgan	1	0.0%
Pendleton	1	0.0%
Powell	1	0.0%

Total Deaths
4,426

Incidence Rates by County

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

County	Rate
Caldwell	60.5
Russell	52.6
Taylor	47.7
Metcalfe	44.0
Bell	41.2
Shelby	39.0
McCreary	39.0
Knott	34.7
Montgomery	33.5
Leslie	33.3
Barren	33.3
Spencer	33.2
Marion	32.6
Butler	32.2
Laurel	31.2
Boone	31.2
Logan	30.6
Henry	30.1
Madison	30.1
Nelson	30.0
Rowan	29.8
Estill	29.4
Mercer	29.3
Owsley	29.1
Trimble	28.7
Kenton	28.4
Fayette	28.3
Daviess	27.4
Gallatin	27.4
Whitley	27.2

County	Rate
Lee	27.0
Scott	26.1
Washington	26.0
Mason	25.9
Larue	25.8
Jefferson	25.7
Knox	25.7
Carroll	25.5
Campbell	25.2
Woodford	25.1
Green	24.8
Bracken	24.1
Hardin	23.9
Cumberland	23.8
Jessamine	23.8
Bullitt	23.4
Warren	23.4
Pike	23.0
Hancock	22.9
Grant	22.8
Ohio	22.0
Pulaski	21.5
Franklin	21.3
Owen	21.0
Christian	20.9
Clay	20.8
Powell	20.8
Harrison	20.4
Perry	20.0
Grayson	19.5

County	Rate
Garrard	19.4
Wayne	19.0
Webster	18.8
Hart	18.8
Livingston	18.6
McLean	18.6
Rockcastle	18.0
Johnson	17.4
Muhlenberg	17.3
Floyd	17.3
Lewis	17.2
Marshall	17.0
Boyd	16.8
Clinton	16.8
Bourbon	16.6
Hickman	16.3
Greenup	15.9
Breathitt	15.8
Nicholas	15.7
Adair	15.6
Edmonson	15.3
Lincoln	15.1
Casey	15.0
Union	14.9
Harlan	14.8
Simpson	14.6
Graves	14.6
Oldham	14.5
Henderson	14.5
Meade	14.0

County	Rate
Jackson	13.9
Clark	13.8
Boyle	13.8
Hopkins	13.7
Anderson	13.2
Lyon	12.2
Pendleton	11.7
Martin	11.5
Allen	11.4
Monroe	10.7
Todd	10.5
McCracken	9.4
Letcher	9.3
Ballard	9.1
Breckinridge	8.4
Magoffin	8.2
Wolfe	8.0
Robertson	6.8
Lawrence	6.5
Crittenden	6.5
Morgan	6.4
Calloway	6.2
Carlisle	6.0
Fleming	5.9
Trigg	5.9
Bath	5.7
Fulton	4.8
Menifee	4.4
Carter	4.3
Elliott	1.9

Current Overall Incidence Rate
23.46 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.