

KY COVID-19 Report 21FEB21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	396,997	305,543	91,454
Deaths	4,447	4,033	414
New Cases	979	653	326
New Cases 18 and Under	145	89	56
New Deaths	21	16	5

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
16,551	4.2%	0-9	0.0%	1
41,443	10.4%	10-19	0.0%	1
72,038	18.1%	20-29	0.0%	2
61,171	15.4%	30-39	0.6%	27
59,910	15.1%	40-49	1.7%	74
57,569	14.5%	50-59	5.8%	259
44,300	11.2%	60-69	17.4%	776
26,645	6.7%	70-79	27.5%	1,225
17,171	4.3%	80+	46.8%	2,082
199	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
803	0.3%	American Indian	0.1%	4
3,555	1.2%	Asian	0.5%	22
25,922	8.5%	Black	8.4%	346
364	0.1%	Pacific Islander	0.0%	1
259,646	84.9%	White	88.3%	3,620
15,455	5.1%	Multiracial	2.6%	106

Cases	Case Percent	Ethnicity	Death Percent	Deaths
16,838	5.5%	Hispanic	1.7%	68
287,899	94.5%	Non-Hispanic	98.3%	3,878

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	11.2%
Deaths	2,328	52.3%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
3,654	54,389	6.72%

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	18,601	4.69%
Ever ICU	3,883	0.98%
Recovered	46,753	11.78%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	902
ICU	248
On Ventilator	148

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,177	5,113	61.5%
ICU Beds	1,138	665	63.1%
Ventilators	580	1,230	32.0%

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	30	11	5	3.8%	10.8%	5.1%	48.86%	50.00%	20.20%
Region 2	45	13	9	5.5%	10.7%	10.5%	51.09%	45.08%	30.23%
Region 3	320	74	75	8.4%	14.2%	17.2%	60.31%	59.69%	36.84%
Region 4	52	14	9	6.1%	13.0%	7.8%	49.41%	68.52%	19.83%
Region 5	160	36	17	5.8%	8.7%	3.4%	69.19%	66.59%	35.11%
Region 6	82	31	8	6.4%	17.7%	5.6%	71.36%	54.86%	50.70%
Region 7	50	16	3	8.0%	25.0%	2.6%	74.16%	78.13%	15.38%
Region 8	75	21	13	6.3%	15.4%	8.9%	59.40%	85.29%	26.71%
Region 9	72	22	7	10.8%	19.3%	7.0%	65.47%	58.77%	18.00%
Region 10	16	10	2	3.4%	22.2%	3.3%	44.30%	91.11%	41.67%

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	71,764	18.1%
Fayette	32,099	8.1%
Kenton	14,547	3.7%
Warren	14,339	3.6%
Boone	12,215	3.1%
Daviess	9,544	2.4%
Hardin	8,668	2.2%
Madison	8,501	2.1%
Campbell	7,576	1.9%
Oldham	6,817	1.7%
Christian	6,160	1.6%
Bullitt	6,037	1.5%
Laurel	5,708	1.4%
McCracken	5,658	1.4%
Pulaski	5,622	1.4%
Pike	5,008	1.3%
Boyd	4,579	1.2%
Nelson	4,531	1.1%
Henderson	4,294	1.1%
Shelby	4,288	1.1%
Whitley	4,113	1.0%
Jessamine	4,050	1.0%
Barren	3,955	1.0%
Graves	3,928	1.0%
Scott	3,878	1.0%
Hopkins	3,864	1.0%
Franklin	3,593	0.9%
Calloway	3,348	0.8%
Greenup	3,278	0.8%
Boyle	3,120	0.8%

County	Cases	Percent
Floyd	2,974	0.7%
Knox	2,803	0.7%
Muhlenberg	2,697	0.7%
Bell	2,675	0.7%
Taylor	2,634	0.7%
Marshall	2,479	0.6%
Logan	2,437	0.6%
Clark	2,371	0.6%
Harlan	2,356	0.6%
Clay	2,348	0.6%
Mercer	2,327	0.6%
Montgomery	2,272	0.6%
Ohio	2,255	0.6%
Perry	2,216	0.6%
Marion	2,122	0.5%
Lincoln	2,062	0.5%
Morgan	2,010	0.5%
Grant	1,963	0.5%
Wayne	1,959	0.5%
Woodford	1,950	0.5%
Carter	1,940	0.5%
Grayson	1,918	0.5%
Rowan	1,913	0.5%
Meade	1,820	0.5%
Hart	1,798	0.5%
Allen	1,781	0.4%
Johnson	1,714	0.4%
McCreary	1,705	0.4%
Letcher	1,643	0.4%
Simpson	1,632	0.4%

County	Cases	Percent
Russell	1,619	0.4%
Anderson	1,595	0.4%
Adair	1,523	0.4%
Bourbon	1,520	0.4%
Harrison	1,477	0.4%
Spencer	1,472	0.4%
Mason	1,411	0.4%
Garrard	1,375	0.3%
Clinton	1,335	0.3%
Caldwell	1,329	0.3%
Rockcastle	1,315	0.3%
Washington	1,305	0.3%
Butler	1,298	0.3%
Union	1,260	0.3%
Monroe	1,245	0.3%
Lawrence	1,201	0.3%
Henry	1,195	0.3%
Jackson	1,186	0.3%
Larue	1,180	0.3%
Lee	1,180	0.3%
Casey	1,174	0.3%
Webster	1,158	0.3%
Trigg	1,098	0.3%
Breckinridge	1,085	0.3%
Lewis	1,082	0.3%
Fleming	1,068	0.3%
Green	1,056	0.3%
Knott	1,010	0.3%
Todd	1,004	0.3%
Powell	961	0.2%

County	Cases	Percent
Estill	960	0.2%
Metcalfe	943	0.2%
Elliott	935	0.2%
Pendleton	914	0.2%
Breathitt	913	0.2%
Martin	909	0.2%
Carroll	871	0.2%
Magoffin	855	0.2%
McLean	830	0.2%
Edmonson	803	0.2%
Hancock	800	0.2%
Leslie	769	0.2%
Livingston	753	0.2%
Bath	743	0.2%
Gallatin	645	0.2%
Cumberland	643	0.2%
Owen	620	0.2%
Trimble	590	0.1%
Crittenden	549	0.1%
Bracken	501	0.1%
Lyon	473	0.1%
Fulton	467	0.1%
Nicholas	446	0.1%
Carlisle	426	0.1%
Wolfe	417	0.1%
Owsley	407	0.1%
Menifee	395	0.1%
Ballard	339	0.1%
Hickman	313	0.1%
Robertson	187	0.0%

Total Cases
396,997

New Cases by County

County	Cases	Percent
Jefferson	145	14.8%
Fayette	88	9.0%
Oldham	42	4.3%
Kenton	35	3.6%
Boone	30	3.1%
Bullitt	29	3.0%
Warren	29	3.0%
Pike	26	2.7%
Daviess	22	2.2%
Barren	21	2.1%
Hardin	19	1.9%
Jessamine	19	1.9%
Campbell	18	1.8%
Scott	18	1.8%
Franklin	17	1.7%
Laurel	17	1.7%
Nelson	15	1.5%
Bell	14	1.4%
Boyd	14	1.4%
Madison	14	1.4%
Hart	13	1.3%
McCracken	13	1.3%
Christian	12	1.2%
Livingston	12	1.2%
Taylor	12	1.2%
Shelby	11	1.1%
Henderson	10	1.0%
Hopkins	10	1.0%
Whitley	10	1.0%
Floyd	9	0.9%

County	Cases	Percent
Grant	9	0.9%
Perry	9	0.9%
Lyon	8	0.8%
Knott	7	0.7%
Logan	7	0.7%
Rowan	7	0.7%
Carter	6	0.6%
Clay	6	0.6%
Harrison	6	0.6%
Marion	6	0.6%
Muhlenberg	6	0.6%
Rockcastle	6	0.6%
Spencer	6	0.6%
Washington	6	0.6%
Boyle	5	0.5%
Breckinridge	5	0.5%
Caldwell	5	0.5%
Graves	5	0.5%
Greenup	5	0.5%
Harlan	5	0.5%
Letcher	5	0.5%
Lincoln	5	0.5%
McCreary	5	0.5%
Pulaski	5	0.5%
Simpson	5	0.5%
Trigg	5	0.5%
Meade	4	0.4%
Mercer	4	0.4%
Metcalfe	4	0.4%
Wayne	4	0.4%

County	Cases	Percent
Bath	3	0.3%
Calloway	3	0.3%
Grayson	3	0.3%
Green	3	0.3%
Knox	3	0.3%
Lawrence	3	0.3%
Marshall	3	0.3%
Todd	3	0.3%
Union	3	0.3%
Anderson	2	0.2%
Butler	2	0.2%
Clark	2	0.2%
Fulton	2	0.2%
Garrard	2	0.2%
Leslie	2	0.2%
McLean	2	0.2%
Nicholas	2	0.2%
Webster	2	0.2%
Adair	1	0.1%
Breathitt	1	0.1%
Casey	1	0.1%
Crittenden	1	0.1%
Cumberland	1	0.1%
Edmonson	1	0.1%
Estill	1	0.1%
Fleming	1	0.1%
Henry	1	0.1%
Larue	1	0.1%
Lewis	1	0.1%
Martin	1	0.1%

County	Cases	Percent
Mason	1	0.1%
Montgomery	1	0.1%
Owen	1	0.1%
Owsley	1	0.1%
Pendleton	1	0.1%
Powell	1	0.1%
Trimble	1	0.1%
Allen	0	0.0%
Ballard	0	0.0%
Bourbon	0	0.0%
Bracken	0	0.0%
Carlisle	0	0.0%
Carroll	0	0.0%
Clinton	0	0.0%
Elliott	0	0.0%
Gallatin	0	0.0%
Hancock	0	0.0%
Hickman	0	0.0%
Jackson	0	0.0%
Johnson	0	0.0%
Lee	0	0.0%
Magoffin	0	0.0%
Menifee	0	0.0%
Monroe	0	0.0%
Morgan	0	0.0%
Ohio	0	0.0%
Robertson	0	0.0%
Russell	0	0.0%
Wolfe	0	0.0%
Woodford	0	0.0%

Total New Cases
979

Total Deaths by County

County	Deaths	Percent
Jefferson	779	17.5%
Fayette	221	5.0%
Daviess	154	3.5%
Warren	129	2.9%
Hopkins	123	2.8%
Kenton	122	2.7%
Hardin	88	2.0%
Madison	79	1.8%
Christian	76	1.7%
Pulaski	76	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	1.1%
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	34	0.8%
Floyd	34	0.8%
Casey	33	0.7%
Hart	33	0.7%
Nelson	33	0.7%
Perry	33	0.7%
Lincoln	32	0.7%
Boyle	31	0.7%
Lewis	30	0.7%
Taylor	30	0.7%
Jackson	29	0.7%
Washington	29	0.7%
Franklin	28	0.6%
Mercer	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%
Marion	24	0.5%
Todd	24	0.5%
Butler	23	0.5%
Caldwell	23	0.5%
Greenup	23	0.5%
Montgomery	23	0.5%

County	Deaths	Percent
Allen	22	0.5%
Carter	22	0.5%
McCreary	20	0.4%
Gallatin	19	0.4%
Lee	19	0.4%
Metcalfe	19	0.4%
Clark	18	0.4%
Edmonson	18	0.4%
Johnson	18	0.4%
Lawrence	18	0.4%
Letcher	18	0.4%
Crittenden	17	0.4%
Livingston	17	0.4%
Webster	17	0.4%
Anderson	16	0.4%
Bath	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%
Larue	12	0.3%
Robertson	12	0.3%
Knox	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
4,447

Incidence Rates by County

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

County	Rate
Caldwell	63.9
Bell	46.6
Metcalfe	42.6
Taylor	41.6
McCreary	39.8
Shelby	39.3
Russell	36.7
Barren	35.5
Spencer	34.7
Marion	34.1
Montgomery	34.0
Laurel	33.1
Knott	32.8
Livingston	31.1
Nelson	30.9
Rowan	30.4
Madison	30.0
Butler	29.9
Logan	29.5
Boone	29.4
Whitley	29.2
Pike	27.6
Henry	27.5
Green	27.4
Washington	27.2
Kenton	27.0
Daviess	27.0
Fayette	27.0
Scott	26.8
Larue	26.8

County	Rate
Mason	26.8
Mercer	26.7
Hart	26.3
Jessamine	26.1
Leslie	26.0
Jefferson	25.5
Estill	25.3
Hardin	25.1
Knox	24.3
Bracken	24.1
Bullitt	24.0
Trimble	23.6
Warren	23.4
Campbell	23.1
Christian	22.7
Owsley	22.7
Grant	22.2
Woodford	21.9
Cumberland	21.6
Hancock	21.3
Lee	21.2
Rockcastle	20.5
Wayne	20.4
Franklin	19.9
Harrison	19.7
Owen	19.7
Nicholas	19.7
Perry	19.4
Clay	19.4
Lyon	19.1

County	Rate
Garrard	18.6
Powell	18.5
Ohio	18.5
Lewis	18.3
Floyd	18.1
Marshall	17.9
Union	17.9
Carroll	17.5
Grayson	17.3
Muhlenberg	17.3
Boyd	17.1
McLean	17.1
Webster	16.6
Harlan	16.5
Henderson	16.1
Casey	15.9
Greenup	15.9
Simpson	15.4
Edmonson	15.3
Bourbon	15.2
Hopkins	14.7
Breathitt	14.7
Clark	14.6
Gallatin	14.5
Oldham	14.3
Pulaski	14.1
Clinton	14.0
Jackson	13.9
Boyle	13.8
Johnson	13.5

County	Rate
Adair	13.4
Lincoln	13.4
Graves	13.0
Meade	13.0
Breckinridge	12.6
Anderson	11.9
Letcher	11.9
Martin	11.5
Pendleton	10.8
Monroe	10.7
Todd	10.5
McCracken	10.3
Allen	9.4
Ballard	9.1
Lawrence	8.4
Magoffin	8.2
Bath	6.9
Trigg	6.8
Robertson	6.8
Hickman	6.5
Calloway	6.2
Carlisle	6.0
Wolfe	6.0
Fleming	5.9
Carter	5.9
Fulton	4.8
Menifee	4.4
Crittenden	3.2
Morgan	3.2
Elliott	1.9

Current Overall Incidence Rate
23.12 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.