

KY COVID-19 Report 15FEB21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	389,521	300,855	88,666
Deaths	4,291	3,901	390
New Cases	723	481	242
New Cases 18 and Under	105	69	36
New Deaths	9	8	1

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
16,184	4.2%	0-9	0.0%	1
40,511	10.4%	10-19	0.0%	1
70,731	18.2%	20-29	0.0%	2
59,963	15.4%	30-39	0.6%	27
58,752	15.1%	40-49	1.7%	71
56,469	14.5%	50-59	5.9%	253
43,516	11.2%	60-69	17.1%	733
26,239	6.7%	70-79	27.5%	1,182
16,960	4.4%	80+	47.1%	2,021
196	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
753	0.3%	American Indian	0.1%	4
3,495	1.2%	Asian	0.6%	22
25,349	8.5%	Black	8.4%	332
355	0.1%	Pacific Islander	0.0%	1
253,929	85.0%	White	88.2%	3,483
14,981	5.0%	Multiracial	2.7%	106

Cases	Case Percent	Ethnicity	Death Percent	Deaths
16,482	5.6%	Hispanic	1.7%	66
280,325	94.4%	Non-Hispanic	98.3%	3,730

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 76.7% of cases and 92.0% of deaths
Ethnicity known for 76.2% of cases and 88.5% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	44,486	11.4%
Deaths	2,315	54.0%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
4,543	69,191	6.57%

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
4,306,503	3,770,913	110,164	425,426	284,268	240,831	9,170	34,267

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	18,086	4.64%
Ever ICU	3,791	0.97%
Recovered	45,949	11.80%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	969
ICU	268
On Ventilator	132

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,133	5,157	61.2%
ICU Beds	1,159	644	64.3%
Ventilators	574	1,217	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	51	19	6	6.4%	18.6%	6.1%	48.74%	55.88%	17.17%
Region 2	41	13	10	5.0%	10.7%	11.6%	57.65%	56.56%	30.23%
Region 3	359	82	51	9.4%	15.7%	11.7%	61.49%	63.34%	35.47%
Region 4	62	19	11	7.3%	17.6%	9.2%	52.82%	75.00%	28.33%
Region 5	180	50	25	6.5%	12.0%	4.9%	68.61%	68.27%	40.00%
Region 6	71	25	8	5.6%	14.3%	7.2%	65.73%	46.86%	44.14%
Region 7	40	7	3	6.4%	10.9%	2.6%	71.93%	76.56%	11.97%
Region 8	77	26	13	6.4%	19.1%	9.0%	51.38%	77.21%	28.28%
Region 9	62	17	0	9.3%	14.9%	0.0%	65.47%	54.39%	14.85%
Region 10	26	10	5	5.5%	22.2%	8.3%	50.00%	88.89%	28.33%

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	70,376	18.1%
Fayette	31,526	8.1%
Kenton	14,206	3.6%
Warren	14,137	3.6%
Boone	11,917	3.1%
Daviess	9,364	2.4%
Hardin	8,503	2.2%
Madison	8,342	2.1%
Campbell	7,417	1.9%
Oldham	6,726	1.7%
Christian	6,041	1.6%
Bullitt	5,925	1.5%
Pulaski	5,566	1.4%
McCracken	5,558	1.4%
Laurel	5,557	1.4%
Pike	4,901	1.3%
Boyd	4,527	1.2%
Nelson	4,445	1.1%
Henderson	4,249	1.1%
Shelby	4,149	1.1%
Whitley	4,029	1.0%
Jessamine	3,963	1.0%
Graves	3,895	1.0%
Barren	3,849	1.0%
Hopkins	3,823	1.0%
Scott	3,760	1.0%
Franklin	3,493	0.9%
Calloway	3,328	0.9%
Greenup	3,244	0.8%
Boyle	3,094	0.8%

County	Cases	Percent
Floyd	2,931	0.8%
Knox	2,763	0.7%
Muhlenberg	2,662	0.7%
Bell	2,594	0.7%
Taylor	2,539	0.7%
Marshall	2,448	0.6%
Logan	2,388	0.6%
Clay	2,329	0.6%
Harlan	2,327	0.6%
Clark	2,311	0.6%
Mercer	2,285	0.6%
Ohio	2,224	0.6%
Montgomery	2,180	0.6%
Perry	2,166	0.6%
Marion	2,080	0.5%
Lincoln	2,033	0.5%
Morgan	1,964	0.5%
Carter	1,929	0.5%
Wayne	1,929	0.5%
Woodford	1,925	0.5%
Grant	1,914	0.5%
Grayson	1,886	0.5%
Rowan	1,847	0.5%
Meade	1,781	0.5%
Allen	1,766	0.5%
Hart	1,764	0.5%
Johnson	1,675	0.4%
McCreary	1,658	0.4%
Simpson	1,612	0.4%
Letcher	1,610	0.4%

County	Cases	Percent
Anderson	1,577	0.4%
Russell	1,573	0.4%
Bourbon	1,504	0.4%
Adair	1,502	0.4%
Harrison	1,449	0.4%
Spencer	1,427	0.4%
Mason	1,365	0.4%
Garrard	1,355	0.3%
Clinton	1,325	0.3%
Rockcastle	1,292	0.3%
Washington	1,280	0.3%
Butler	1,274	0.3%
Caldwell	1,273	0.3%
Union	1,244	0.3%
Monroe	1,235	0.3%
Lawrence	1,184	0.3%
Jackson	1,173	0.3%
Lee	1,171	0.3%
Henry	1,161	0.3%
Casey	1,153	0.3%
Larue	1,144	0.3%
Webster	1,141	0.3%
Trigg	1,077	0.3%
Breckinridge	1,069	0.3%
Lewis	1,066	0.3%
Fleming	1,063	0.3%
Green	1,037	0.3%
Todd	989	0.3%
Knott	974	0.3%
Powell	946	0.2%

County	Cases	Percent
Estill	938	0.2%
Elliott	926	0.2%
Metcalfe	915	0.2%
Martin	901	0.2%
Pendleton	899	0.2%
Breathitt	896	0.2%
Carroll	859	0.2%
Magoffin	844	0.2%
McLean	819	0.2%
Edmonson	794	0.2%
Hancock	789	0.2%
Leslie	743	0.2%
Bath	729	0.2%
Livingston	728	0.2%
Cumberland	632	0.2%
Gallatin	630	0.2%
Owen	607	0.2%
Trimble	580	0.1%
Crittenden	547	0.1%
Bracken	485	0.1%
Fulton	462	0.1%
Lyon	455	0.1%
Nicholas	433	0.1%
Carlisle	421	0.1%
Wolfe	413	0.1%
Owsley	400	0.1%
Menifee	387	0.1%
Ballard	330	0.1%
Hickman	312	0.1%
Robertson	186	0.0%

Total Cases
389,521

New Cases by County

County	Cases	Percent
Jefferson	144	19.9%
Fayette	60	8.3%
Madison	36	5.0%
Boone	27	3.7%
Pike	27	3.7%
Warren	24	3.3%
Bullitt	23	3.2%
Kenton	23	3.2%
Carter	21	2.9%
Daviess	18	2.5%
Campbell	16	2.2%
Whitley	14	1.9%
Jessamine	13	1.8%
Pulaski	12	1.7%
Woodford	10	1.4%
Hardin	9	1.2%
Henderson	9	1.2%
Nelson	9	1.2%
Estill	8	1.1%
Marshall	8	1.1%
Scott	8	1.1%
Bell	7	1.0%
Clay	7	1.0%
Greenup	7	1.0%
Logan	7	1.0%
McCracken	7	1.0%
Taylor	7	1.0%
Barren	6	0.8%
Boyd	6	0.8%
Franklin	6	0.8%

County	Cases	Percent
Oldham	6	0.8%
Bourbon	5	0.7%
Boyle	5	0.7%
Garrard	5	0.7%
Graves	5	0.7%
Hopkins	5	0.7%
Mason	5	0.7%
Muhlenberg	5	0.7%
Shelby	5	0.7%
Trimble	5	0.7%
Breckinridge	4	0.6%
Caldwell	4	0.6%
Floyd	4	0.6%
Grant	4	0.6%
Henry	4	0.6%
Marion	4	0.6%
Metcalfe	4	0.6%
Spencer	4	0.6%
Grayson	3	0.4%
Knott	3	0.4%
Laurel	3	0.4%
Montgomery	3	0.4%
Todd	3	0.4%
Anderson	2	0.3%
Butler	2	0.3%
Carroll	2	0.3%
Clark	2	0.3%
Edmonson	2	0.3%
Hancock	2	0.3%
McCreary	2	0.3%

County	Cases	Percent
Mercer	2	0.3%
Ohio	2	0.3%
Owen	2	0.3%
Powell	2	0.3%
Rowan	2	0.3%
Simpson	2	0.3%
Trigg	2	0.3%
Union	2	0.3%
Bath	1	0.1%
Carlisle	1	0.1%
Casey	1	0.1%
Fleming	1	0.1%
Gallatin	1	0.1%
Green	1	0.1%
Harlan	1	0.1%
Harrison	1	0.1%
Hickman	1	0.1%
Johnson	1	0.1%
Larue	1	0.1%
Lee	1	0.1%
Lyon	1	0.1%
Nicholas	1	0.1%
Washington	1	0.1%
Webster	1	0.1%
Adair	0	0.0%
Allen	0	0.0%
Ballard	0	0.0%
Bracken	0	0.0%
Breathitt	0	0.0%
Calloway	0	0.0%

County	Cases	Percent
Christian	0	0.0%
Clinton	0	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Elliott	0	0.0%
Fulton	0	0.0%
Hart	0	0.0%
Jackson	0	0.0%
Knox	0	0.0%
Lawrence	0	0.0%
Leslie	0	0.0%
Letcher	0	0.0%
Lewis	0	0.0%
Lincoln	0	0.0%
Livingston	0	0.0%
McLean	0	0.0%
Magoffin	0	0.0%
Martin	0	0.0%
Meade	0	0.0%
Menifee	0	0.0%
Monroe	0	0.0%
Morgan	0	0.0%
Owsley	0	0.0%
Pendleton	0	0.0%
Perry	0	0.0%
Robertson	0	0.0%
Rockcastle	0	0.0%
Russell	0	0.0%
Wayne	0	0.0%
Wolfe	0	0.0%

Total New Cases
723

Total Deaths by County

County	Deaths	Percent
Jefferson	760	17.7%
Fayette	211	4.9%
Daviess	151	3.5%
Warren	127	3.0%
Hopkins	122	2.8%
Kenton	114	2.7%
Hardin	85	2.0%
Madison	77	1.8%
Christian	73	1.7%
Pulaski	72	1.7%
Boone	70	1.6%
Graves	69	1.6%
Oldham	69	1.6%
Barren	64	1.5%
Harlan	64	1.5%
McCracken	63	1.5%
Henderson	55	1.3%
Pike	51	1.2%
Logan	50	1.2%
Adair	49	1.1%
Jessamine	49	1.1%
Muhlenberg	46	1.1%
Campbell	45	1.0%
Grayson	45	1.0%
Ohio	45	1.0%
Bullitt	44	1.0%
Marshall	43	1.0%
Boyd	41	1.0%
Shelby	40	0.9%
Calloway	38	0.9%

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

County	Deaths	Percent
Carter	21	0.5%
Gallatin	19	0.4%
Metcalfe	19	0.4%
Clark	18	0.4%
Johnson	18	0.4%
Lee	18	0.4%
Letcher	18	0.4%
McCreary	18	0.4%
Mercer	18	0.4%
Crittenden	17	0.4%
Edmonson	17	0.4%
Lawrence	17	0.4%
Webster	17	0.4%
Livingston	16	0.4%
Whitley	16	0.4%
Anderson	15	0.3%
Bath	15	0.3%
Knott	15	0.3%
Fleming	14	0.3%
Hancock	14	0.3%
Green	13	0.3%
Lyon	13	0.3%
Meade	13	0.3%
Rockcastle	13	0.3%
Grant	12	0.3%
Robertson	12	0.3%
Union	12	0.3%
Knox	11	0.3%
Larue	11	0.3%
Martin	11	0.3%

County	Deaths	Percent
Menifee	11	0.3%
Carroll	10	0.2%
Owsley	10	0.2%
Harrison	9	0.2%
Rowan	9	0.2%
Spencer	9	0.2%
Garrard	8	0.2%
Trigg	8	0.2%
Bourbon	7	0.2%
Breckinridge	7	0.2%
Cumberland	7	0.2%
Hickman	7	0.2%
Owen	7	0.2%
Breathitt	6	0.1%
Fulton	6	0.1%
Henry	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%
Magoffin	1	0.0%
Morgan	1	0.0%
Pendleton	1	0.0%
Estill	0	0.0%
Powell	0	0.0%

Total Deaths
4,291

Incidence Rates by County

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

County	Rate
Russell	92.5
Clinton	85.3
Owsley	84.1
McCreary	82.1
Metcalfe	68.1
Marion	63.0
Caldwell	60.5
Barren	59.1
Taylor	58.8
Washington	54.3
Butler	49.9
Pulaski	48.4
Montgomery	46.2
Trimble	45.5
Allen	44.2
Gallatin	43.5
Nelson	42.0
Whitley	41.8
Laurel	41.6
Knott	41.5
Madison	39.3
Leslie	39.1
Perry	38.8
Daviess	38.0
Boone	37.8
Lewis	37.7
Kenton	37.2
Cumberland	36.7
Lee	36.7
Lyon	36.5

County	Rate
Grant	36.5
Bell	36.2
Lawrence	35.4
Logan	35.3
Green	35.3
Clay	35.2
Warren	35.0
Marshall	34.9
Hancock	34.4
Livingston	34.2
Simpson	33.8
Boyle	33.3
Hopkins	33.2
Woodford	33.1
Knox	33.0
Campbell	32.8
Owen	32.8
Casey	32.7
Bracken	32.7
Hart	31.5
Bullitt	31.1
Fayette	30.8
Mercer	30.0
Monroe	29.5
Grayson	29.2
Hardin	29.1
Scott	28.8
Lincoln	28.5
Shelby	28.3
Henderson	28.1

County	Rate
Wayne	28.1
Crittenden	27.6
Rockcastle	27.4
Boyd	27.2
Jefferson	27.1
Edmonson	27.0
Jessamine	26.9
Larue	26.8
Todd	26.7
Spencer	26.6
Floyd	26.5
Henry	25.7
Graves	25.7
Pike	25.7
Ohio	25.6
Pendleton	25.5
Trigg	25.4
Johnson	25.1
Garrard	25.1
Jackson	24.7
Carroll	24.2
Powell	23.1
Breckinridge	23.0
Hickman	22.8
Fleming	22.5
Estill	22.3
Breathitt	21.5
McCracken	21.2
Harrison	21.2
Meade	21.0

County	Rate
Franklin	20.7
Greenup	19.9
Webster	19.9
Oldham	19.7
Harlan	19.2
Anderson	18.8
Bourbon	18.0
Carter	17.6
Muhlenberg	17.3
Mason	16.7
Christian	16.6
Magoffin	16.4
Martin	15.3
Adair	14.9
Rowan	14.6
Letcher	14.6
Wolfe	14.0
Morgan	14.0
Nicholas	13.8
Clark	11.8
Union	10.9
McLean	10.9
Calloway	9.2
Ballard	7.2
Robertson	6.8
Menifee	6.6
Carlisle	6.0
Fulton	4.8
Bath	3.4
Elliott	1.9

Current Overall Incidence Rate
30.68 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.