

KY COVID-19 Report 28FEB21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	404,622	310,481	94,141
Deaths	4,637	4,209	428
New Cases	675	444	231
New Cases 18 and Under	91	50	41
New Deaths	12	10	2

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
16,957	4.2%	0-9	0.0%	1
42,383	10.5%	10-19	0.0%	1
73,295	18.1%	20-29	0.1%	3
62,382	15.4%	30-39	0.6%	28
61,127	15.1%	40-49	1.7%	78
58,741	14.5%	50-59	6.0%	279
45,141	11.2%	60-69	17.5%	812
27,055	6.7%	70-79	27.9%	1,292
17,340	4.3%	80+	46.2%	2,143
201	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
813	0.3%	American Indian	0.1%	4
3,603	1.2%	Asian	0.5%	22
26,247	8.5%	Black	8.5%	364
369	0.1%	Pacific Islander	0.0%	2
262,754	84.9%	White	88.2%	3,776
15,733	5.1%	Multiracial	2.6%	112

Cases	Case Percent	Ethnicity	Death Percent	Deaths
17,185	5.5%	Hispanic	1.7%	71
294,780	94.5%	Non-Hispanic	98.3%	4,051

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 76.5% of cases and 92.3% of deaths
 Ethnicity known for 77.1% of cases and 88.9% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	45,078	11.1%
Deaths	2,351	50.7%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
3,690	73,558	5.02%

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
4,497,786	3,904,567	111,128	482,091	295,832	249,554	9,607	36,671

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	19,101	4.72%
Ever ICU	3,970	0.98%
Recovered	47,544	11.75%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	732
ICU	187
On Ventilator	118

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,418	4,872	63.3%
ICU Beds	1,159	644	64.3%
Ventilators	528	1,260	29.5%

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	27	12	7	3.4%	11.8%	7.1%	51.39%	52.94%	13.13%
Region 2	29	10	1	3.5%	8.2%	1.2%	56.92%	50.82%	24.42%
Region 3	263	61	36	6.9%	11.7%	8.2%	62.36%	60.84%	36.61%
Region 4	37	12	5	4.3%	11.1%	4.4%	56.69%	75.93%	14.04%
Region 5	125	23	11	4.5%	5.5%	2.1%	71.36%	67.55%	32.12%
Region 6	78	15	37	6.1%	8.6%	33.9%	76.37%	54.86%	54.13%
Region 7	37	7	4	5.9%	10.9%	3.4%	67.78%	67.19%	10.17%
Region 8	66	20	12	5.5%	14.7%	8.3%	57.31%	86.76%	37.93%
Region 9	53	15	3	8.0%	13.2%	3.0%	58.86%	55.26%	10.00%
Region 10	17	12	2	3.6%	26.7%	3.3%	48.10%	95.56%	25.00%

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	72,989	18.0%
Fayette	32,645	8.1%
Kenton	14,848	3.7%
Warren	14,544	3.6%
Boone	12,484	3.1%
Daviess	9,714	2.4%
Hardin	8,816	2.2%
Madison	8,638	2.1%
Campbell	7,739	1.9%
Oldham	6,908	1.7%
Christian	6,229	1.5%
Bullitt	6,158	1.5%
Laurel	5,840	1.4%
McCracken	5,768	1.4%
Pulaski	5,756	1.4%
Pike	5,127	1.3%
Boyd	4,627	1.1%
Nelson	4,593	1.1%
Shelby	4,351	1.1%
Henderson	4,325	1.1%
Whitley	4,232	1.0%
Jessamine	4,161	1.0%
Scott	4,050	1.0%
Barren	4,032	1.0%
Graves	3,952	1.0%
Hopkins	3,936	1.0%
Franklin	3,644	0.9%
Calloway	3,377	0.8%
Greenup	3,326	0.8%
Boyle	3,154	0.8%

County	Cases	Percent
Floyd	3,033	0.7%
Knox	2,899	0.7%
Taylor	2,770	0.7%
Bell	2,748	0.7%
Muhlenberg	2,731	0.7%
Marshall	2,519	0.6%
Logan	2,486	0.6%
Clay	2,414	0.6%
Clark	2,409	0.6%
Harlan	2,391	0.6%
Mercer	2,356	0.6%
Perry	2,325	0.6%
Montgomery	2,306	0.6%
Ohio	2,288	0.6%
Marion	2,146	0.5%
Lincoln	2,104	0.5%
Grant	2,032	0.5%
Morgan	2,024	0.5%
Carter	2,007	0.5%
Wayne	1,987	0.5%
Woodford	1,976	0.5%
Grayson	1,956	0.5%
Rowan	1,941	0.5%
Meade	1,856	0.5%
Hart	1,829	0.5%
Allen	1,799	0.4%
Johnson	1,774	0.4%
McCreary	1,747	0.4%
Letcher	1,694	0.4%
Russell	1,677	0.4%

County	Cases	Percent
Simpson	1,656	0.4%
Anderson	1,618	0.4%
Adair	1,589	0.4%
Bourbon	1,549	0.4%
Caldwell	1,543	0.4%
Harrison	1,504	0.4%
Spencer	1,503	0.4%
Mason	1,446	0.4%
Garrard	1,389	0.3%
Clinton	1,356	0.3%
Rockcastle	1,347	0.3%
Washington	1,330	0.3%
Butler	1,316	0.3%
Union	1,269	0.3%
Lawrence	1,255	0.3%
Monroe	1,249	0.3%
Henry	1,229	0.3%
Larue	1,215	0.3%
Jackson	1,207	0.3%
Casey	1,197	0.3%
Lee	1,193	0.3%
Webster	1,164	0.3%
Trigg	1,110	0.3%
Breckinridge	1,100	0.3%
Lewis	1,094	0.3%
Green	1,086	0.3%
Fleming	1,081	0.3%
Knott	1,052	0.3%
Todd	1,009	0.2%
Powell	974	0.2%

County	Cases	Percent
Estill	970	0.2%
Metcalfe	970	0.2%
Martin	936	0.2%
Pendleton	932	0.2%
Elliott	926	0.2%
Breathitt	923	0.2%
Carroll	884	0.2%
Magoffin	873	0.2%
McLean	834	0.2%
Edmonson	820	0.2%
Hancock	804	0.2%
Leslie	788	0.2%
Bath	768	0.2%
Livingston	758	0.2%
Cumberland	658	0.2%
Gallatin	648	0.2%
Owen	624	0.2%
Trimble	602	0.1%
Crittenden	559	0.1%
Bracken	519	0.1%
Lyon	507	0.1%
Fulton	480	0.1%
Nicholas	457	0.1%
Wolfe	433	0.1%
Carlisle	430	0.1%
Owsley	425	0.1%
Menifee	408	0.1%
Ballard	348	0.1%
Hickman	323	0.1%
Robertson	190	0.0%

Total Cases
404,622

New Cases by County

County	Cases	Percent
Jefferson	180	26.7%
Fayette	55	8.1%
Pulaski	31	4.6%
Kenton	24	3.6%
Daviess	16	2.4%
Boone	15	2.2%
Madison	15	2.2%
Bullitt	11	1.6%
Jessamine	11	1.6%
Scott	11	1.6%
Lincoln	10	1.5%
Bell	9	1.3%
Calloway	9	1.3%
Christian	9	1.3%
Hardin	9	1.3%
McCreary	9	1.3%
Adair	8	1.2%
Clay	8	1.2%
Laurel	8	1.2%
Muhlenberg	8	1.2%
Perry	8	1.2%
Taylor	8	1.2%
Warren	8	1.2%
Wayne	8	1.2%
Campbell	7	1.0%
Floyd	7	1.0%
Hopkins	7	1.0%
Harlan	6	0.9%
Shelby	6	0.9%
Clinton	5	0.7%

County	Cases	Percent
Franklin	5	0.7%
Grayson	5	0.7%
McCracken	5	0.7%
Ohio	5	0.7%
Caldwell	4	0.6%
Casey	4	0.6%
Green	4	0.6%
Nelson	4	0.6%
Oldham	4	0.6%
Rockcastle	4	0.6%
Simpson	4	0.6%
Spencer	4	0.6%
Whitley	4	0.6%
Bourbon	3	0.4%
Boyd	3	0.4%
Boyle	3	0.4%
Fulton	3	0.4%
Greenup	3	0.4%
Henderson	3	0.4%
Henry	3	0.4%
Jackson	3	0.4%
Johnson	3	0.4%
Knox	3	0.4%
Larue	3	0.4%
Lawrence	3	0.4%
Leslie	3	0.4%
Logan	3	0.4%
Powell	3	0.4%
Russell	3	0.4%
Allen	2	0.3%

County	Cases	Percent
Breathitt	2	0.3%
Breckinridge	2	0.3%
Graves	2	0.3%
Hart	2	0.3%
Marshall	2	0.3%
Meade	2	0.3%
Nicholas	2	0.3%
Rowan	2	0.3%
Trigg	2	0.3%
Woodford	2	0.3%
Anderson	1	0.1%
Ballard	1	0.1%
Barren	1	0.1%
Butler	1	0.1%
Cumberland	1	0.1%
Elliott	1	0.1%
Estill	1	0.1%
Garrard	1	0.1%
Hancock	1	0.1%
Harrison	1	0.1%
Hickman	1	0.1%
Knott	1	0.1%
Livingston	1	0.1%
Lyon	1	0.1%
Martin	1	0.1%
Mason	1	0.1%
Mercer	1	0.1%
Metcalfe	1	0.1%
Montgomery	1	0.1%
Pendleton	1	0.1%

County	Cases	Percent
Pike	1	0.1%
Todd	1	0.1%
Wolfe	1	0.1%
Bath	0	0.0%
Bracken	0	0.0%
Carlisle	0	0.0%
Carroll	0	0.0%
Carter	0	0.0%
Clark	0	0.0%
Crittenden	0	0.0%
Edmonson	0	0.0%
Fleming	0	0.0%
Gallatin	0	0.0%
Grant	0	0.0%
Lee	0	0.0%
Letcher	0	0.0%
Lewis	0	0.0%
McLean	0	0.0%
Magoffin	0	0.0%
Marion	0	0.0%
Menifee	0	0.0%
Monroe	0	0.0%
Morgan	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%
Trimble	0	0.0%
Union	0	0.0%
Washington	0	0.0%
Webster	0	0.0%

Total New Cases
675

Total Deaths by County

County	Deaths	Percent
Jefferson	820	17.7%
Fayette	227	4.9%
Daviess	159	3.4%
Warren	136	2.9%
Hopkins	125	2.7%
Kenton	125	2.7%
Hardin	96	2.1%
Madison	86	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	1.1%
Muhlenberg	49	1.1%
Bullitt	48	1.0%
Marshall	48	1.0%
Campbell	47	1.0%
Ohio	47	1.0%
Grayson	45	1.0%
Boyd	43	0.9%
Floyd	41	0.9%

County	Deaths	Percent
Nelson	40	0.9%
Wayne	40	0.9%
Calloway	38	0.8%
Monroe	38	0.8%
Russell	38	0.8%
Boyle	36	0.8%
Bell	35	0.8%
Perry	35	0.8%
Casey	33	0.7%
Hart	33	0.7%
Lincoln	33	0.7%
Mercer	33	0.7%
Lewis	31	0.7%
Taylor	31	0.7%
Washington	30	0.6%
Franklin	29	0.6%
Jackson	29	0.6%
Simpson	28	0.6%
Mason	27	0.6%
Clay	26	0.6%
Clinton	26	0.6%
Scott	26	0.6%
Laurel	25	0.5%
McLean	25	0.5%
Marion	24	0.5%
Montgomery	24	0.5%
Todd	24	0.5%
Butler	23	0.5%
Caldwell	23	0.5%
Carter	23	0.5%

County	Deaths	Percent
Greenup	23	0.5%
Letcher	23	0.5%
Allen	22	0.5%
McCreary	22	0.5%
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%
Whitley	18	0.4%
Crittenden	17	0.4%
Livingston	17	0.4%
Webster	17	0.4%
Anderson	16	0.3%
Bath	16	0.3%
Knott	16	0.3%
Larue	16	0.3%
Meade	16	0.3%
Fleming	14	0.3%
Hancock	14	0.3%
Rockcastle	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	0.2%
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%
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
4,637

Incidence Rates by County

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

County	Rate
Caldwell	239.8
Taylor	61.0
Lyon	57.4
Owsley	51.8
Clay	46.7
Russell	42.2
Knox	41.7
Lawrence	38.2
Laurel	37.6
Bell	35.1
Adair	35.0
McCreary	34.8
Whitley	34.7
Martin	34.5
Metcalfe	34.0
Robertson	33.9
Cumberland	30.2
Green	30.0
Knott	28.9
Jessamine	28.8
Washington	28.3
Perry	28.3
Henry	27.5
Pulaski	27.0
Clinton	26.6
Barren	25.8
Pike	25.7
Scott	25.1
Mason	24.3
Rockcastle	24.0

County	Rate
Logan	23.7
Floyd	23.7
Fayette	23.4
Daviess	23.4
Letcher	22.5
Bracken	22.4
Grant	22.2
Trimble	21.9
Jackson	21.4
Lee	21.2
Madison	20.9
Hardin	20.9
Ohio	20.8
Warren	20.7
Jefferson	20.7
Shelby	20.4
Greenup	20.4
Bourbon	20.2
Larue	19.8
Wayne	19.7
Boone	19.6
Nelson	19.5
Grayson	19.5
Johnson	19.3
Marion	19.3
Hart	18.8
Harlan	18.7
Simpson	18.5
Kenton	18.0
Butler	17.7

County	Rate
Edmonson	17.6
Pendleton	17.6
Hopkins	17.6
Marshall	17.5
Bullitt	17.3
Campbell	17.2
Muhlenberg	16.3
Montgomery	16.2
Carroll	16.1
Oldham	15.8
Nicholas	15.7
Boyle	15.7
Mercer	15.6
Carter	15.5
Harrison	15.1
Powell	15.0
Breathitt	14.7
Anderson	14.4
Woodford	14.4
Boyd	14.4
Fulton	14.4
Spencer	14.0
Meade	14.0
Christian	13.6
Lincoln	13.4
Casey	13.3
Lewis	12.9
Rowan	12.8
McCracken	12.2
Todd	11.6

County	Rate
Leslie	11.6
Crittenden	11.4
Garrard	11.3
Estill	11.1
Ballard	10.9
Clark	10.6
Allen	10.1
Calloway	9.9
Henderson	9.8
Hickman	9.8
Graves	9.6
Owen	9.2
Bath	9.1
Breckinridge	9.1
Gallatin	8.1
Union	7.9
Webster	7.7
Magoffin	7.0
Franklin	6.7
Menifee	6.6
Hancock	6.6
McLean	6.2
Wolfe	6.0
Fleming	5.9
Trigg	5.9
Elliott	5.7
Morgan	5.4
Monroe	5.4
Livingston	4.7
Carlisle	3.0

Current Overall Incidence Rate
20.89 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.