

KY COVID-19 Report 17FEB21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	391,772	302,264	89,508
Deaths	4,336	3,941	395
New Cases	1,017	632	385
New Cases 18 and Under	163	93	70
New Deaths	18	16	2

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
16,302	4.2%	0-9	0.0%	1
40,781	10.4%	10-19	0.0%	1
71,116	18.2%	20-29	0.0%	2
60,329	15.4%	30-39	0.6%	27
59,104	15.1%	40-49	1.6%	71
56,786	14.5%	50-59	5.9%	255
43,745	11.2%	60-69	17.2%	747
26,384	6.7%	70-79	27.6%	1,197
17,029	4.3%	80+	46.9%	2,035
196	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
789	0.3%	American Indian	0.1%	4
3,513	1.2%	Asian	0.6%	22
25,594	8.5%	Black	8.4%	336
359	0.1%	Pacific Islander	0.0%	1
256,350	84.9%	White	88.2%	3,521
15,214	5.0%	Multiracial	2.7%	106

Cases	Case Percent	Ethnicity	Death Percent	Deaths
16,608	5.5%	Hispanic	1.7%	67
283,398	94.5%	Non-Hispanic	98.3%	3,774

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 77.0% of cases and 92.0% of deaths
Ethnicity known for 76.6% of cases and 88.6% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	44,534	11.4%
Deaths	2,322	53.6%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
3,738	53,457	6.99%

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
4,321,760	3,780,152	110,306	431,302	285,204	241,502	9,225	34,477

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	18,289	4.67%
Ever ICU	3,834	0.98%
Recovered	46,225	11.80%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	934
ICU	259
On Ventilator	128

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,271	5,019	62.2%
ICU Beds	1,193	610	66.2%
Ventilators	563	1,229	31.4%

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	44	9	6	5.6%	8.8%	6.1%	53.41%	66.67%	17.17%
Region 2	44	10	8	5.3%	8.2%	9.3%	56.43%	59.84%	37.21%
Region 3	314	75	42	8.2%	14.4%	9.6%	61.36%	61.61%	35.47%
Region 4	58	15	6	6.8%	13.9%	5.2%	56.92%	77.78%	26.72%
Region 5	171	47	26	6.2%	11.3%	5.0%	68.03%	70.43%	36.70%
Region 6	82	32	8	6.4%	18.3%	7.2%	68.47%	48.57%	47.75%
Region 7	41	10	3	6.5%	15.6%	2.5%	73.68%	75.00%	11.86%
Region 8	82	26	15	6.9%	19.1%	10.2%	58.06%	82.35%	27.21%
Region 9	73	23	9	11.0%	20.2%	8.9%	60.51%	57.89%	14.85%
Region 10	25	12	5	5.3%	26.7%	8.1%	50.84%	95.56%	27.42%

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	70,817	18.1%
Fayette	31,757	8.1%
Kenton	14,313	3.7%
Warren	14,202	3.6%
Boone	12,014	3.1%
Daviess	9,420	2.4%
Hardin	8,573	2.2%
Madison	8,395	2.1%
Campbell	7,478	1.9%
Oldham	6,727	1.7%
Christian	6,066	1.5%
Bullitt	5,948	1.5%
McCracken	5,597	1.4%
Pulaski	5,572	1.4%
Laurel	5,561	1.4%
Pike	4,925	1.3%
Boyd	4,537	1.2%
Nelson	4,480	1.1%
Henderson	4,267	1.1%
Shelby	4,206	1.1%
Whitley	4,036	1.0%
Jessamine	3,981	1.0%
Graves	3,909	1.0%
Barren	3,873	1.0%
Hopkins	3,829	1.0%
Scott	3,786	1.0%
Franklin	3,523	0.9%
Calloway	3,331	0.9%
Greenup	3,247	0.8%
Boyle	3,101	0.8%

County	Cases	Percent
Floyd	2,944	0.8%
Knox	2,778	0.7%
Muhlenberg	2,668	0.7%
Bell	2,619	0.7%
Taylor	2,569	0.7%
Marshall	2,457	0.6%
Logan	2,404	0.6%
Clark	2,341	0.6%
Harlan	2,337	0.6%
Clay	2,329	0.6%
Mercer	2,298	0.6%
Ohio	2,232	0.6%
Montgomery	2,215	0.6%
Perry	2,177	0.6%
Marion	2,088	0.5%
Lincoln	2,044	0.5%
Morgan	1,971	0.5%
Wayne	1,941	0.5%
Woodford	1,940	0.5%
Grant	1,933	0.5%
Carter	1,932	0.5%
Grayson	1,890	0.5%
Rowan	1,870	0.5%
Meade	1,788	0.5%
Hart	1,776	0.5%
Allen	1,767	0.5%
Johnson	1,694	0.4%
McCreary	1,661	0.4%
Letcher	1,622	0.4%
Simpson	1,616	0.4%

County	Cases	Percent
Anderson	1,582	0.4%
Russell	1,573	0.4%
Adair	1,506	0.4%
Bourbon	1,506	0.4%
Harrison	1,459	0.4%
Spencer	1,440	0.4%
Mason	1,389	0.4%
Garrard	1,363	0.3%
Clinton	1,325	0.3%
Rockcastle	1,298	0.3%
Butler	1,285	0.3%
Washington	1,284	0.3%
Caldwell	1,280	0.3%
Union	1,250	0.3%
Monroe	1,235	0.3%
Lawrence	1,193	0.3%
Jackson	1,175	0.3%
Lee	1,175	0.3%
Henry	1,170	0.3%
Larue	1,161	0.3%
Casey	1,159	0.3%
Webster	1,147	0.3%
Trigg	1,088	0.3%
Breckinridge	1,070	0.3%
Lewis	1,070	0.3%
Fleming	1,064	0.3%
Green	1,038	0.3%
Todd	993	0.3%
Knott	986	0.3%
Estill	952	0.2%

County	Cases	Percent
Powell	948	0.2%
Elliott	934	0.2%
Metcalfe	926	0.2%
Martin	904	0.2%
Pendleton	904	0.2%
Breathitt	897	0.2%
Carroll	863	0.2%
Magoffin	848	0.2%
McLean	821	0.2%
Edmonson	795	0.2%
Hancock	793	0.2%
Leslie	747	0.2%
Bath	739	0.2%
Livingston	739	0.2%
Gallatin	638	0.2%
Cumberland	634	0.2%
Owen	609	0.2%
Trimble	583	0.1%
Crittenden	549	0.1%
Bracken	486	0.1%
Fulton	463	0.1%
Lyon	458	0.1%
Nicholas	436	0.1%
Carlisle	422	0.1%
Wolfe	413	0.1%
Owsley	403	0.1%
Menifee	392	0.1%
Ballard	333	0.1%
Hickman	313	0.1%
Robertson	186	0.0%

Total Cases
391,772

New Cases by County

County	Cases	Percent
Jefferson	242	23.8%
Fayette	105	10.3%
Kenton	54	5.3%
Boone	44	4.3%
Campbell	30	2.9%
Madison	30	2.9%
McCracken	26	2.6%
Warren	26	2.6%
Daviess	23	2.3%
Hardin	23	2.3%
Mason	23	2.3%
Scott	18	1.8%
Shelby	17	1.7%
Montgomery	16	1.6%
Barren	15	1.5%
Nelson	13	1.3%
Taylor	13	1.3%
Franklin	12	1.2%
Graves	12	1.2%
Wayne	12	1.2%
Bath	10	1.0%
Butler	9	0.9%
Harlan	9	0.9%
Pike	9	0.9%
Bullitt	7	0.7%
Christian	7	0.7%
Floyd	7	0.7%
Harrison	7	0.7%
Johnson	7	0.7%
Larue	7	0.7%

County	Cases	Percent
Metcalfe	7	0.7%
Morgan	7	0.7%
Hart	6	0.6%
Lincoln	6	0.6%
Trigg	6	0.6%
Woodford	6	0.6%
Bell	5	0.5%
Casey	5	0.5%
Elliott	5	0.5%
Grant	5	0.5%
Henderson	5	0.5%
Knox	5	0.5%
Lawrence	5	0.5%
Livingston	5	0.5%
Menifee	5	0.5%
Mercer	5	0.5%
Spencer	5	0.5%
Union	5	0.5%
Estill	4	0.4%
Hopkins	4	0.4%
Jessamine	4	0.4%
Martin	4	0.4%
Pulaski	4	0.4%
Rowan	4	0.4%
Boyle	3	0.3%
Laurel	3	0.3%
Logan	3	0.3%
Magoffin	3	0.3%
Meade	3	0.3%
Rockcastle	3	0.3%

County	Cases	Percent
Simpson	3	0.3%
Boyd	2	0.2%
Edmonson	2	0.2%
Garrard	2	0.2%
Grayson	2	0.2%
Henry	2	0.2%
Marshall	2	0.2%
Muhlenberg	2	0.2%
Oldham	2	0.2%
Trimble	2	0.2%
Washington	2	0.2%
Webster	2	0.2%
Adair	1	0.1%
Allen	1	0.1%
Ballard	1	0.1%
Carroll	1	0.1%
Clark	1	0.1%
Crittenden	1	0.1%
Fleming	1	0.1%
Green	1	0.1%
Greenup	1	0.1%
Hickman	1	0.1%
Lewis	1	0.1%
Lyon	1	0.1%
Marion	1	0.1%
Ohio	1	0.1%
Owen	1	0.1%
Owsley	1	0.1%
Perry	1	0.1%
Powell	1	0.1%

County	Cases	Percent
Todd	1	0.1%
Anderson	0	0.0%
Bourbon	0	0.0%
Bracken	0	0.0%
Breathitt	0	0.0%
Breckinridge	0	0.0%
Caldwell	0	0.0%
Calloway	0	0.0%
Carlisle	0	0.0%
Carter	0	0.0%
Clay	0	0.0%
Clinton	0	0.0%
Cumberland	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Hancock	0	0.0%
Jackson	0	0.0%
Knott	0	0.0%
Lee	0	0.0%
Leslie	0	0.0%
Letcher	0	0.0%
McCreary	0	0.0%
McLean	0	0.0%
Monroe	0	0.0%
Nicholas	0	0.0%
Pendleton	0	0.0%
Robertson	0	0.0%
Russell	0	0.0%
Whitley	0	0.0%
Wolfe	0	0.0%

Total New Cases
1,017

Total Deaths by County

County	Deaths	Percent
Jefferson	766	17.7%
Fayette	213	4.9%
Daviess	154	3.6%
Warren	128	3.0%
Hopkins	122	2.8%
Kenton	118	2.7%
Hardin	85	2.0%
Madison	79	1.8%
Christian	74	1.7%
Pulaski	73	1.7%
Boone	72	1.7%
Graves	69	1.6%
Oldham	69	1.6%
Harlan	67	1.5%
Barren	66	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%
Ohio	46	1.1%
Campbell	45	1.0%
Grayson	45	1.0%
Bullitt	44	1.0%
Boyd	43	1.0%
Marshall	43	1.0%
Shelby	43	1.0%
Calloway	38	0.9%

County	Deaths	Percent
Wayne	38	0.9%
Monroe	36	0.8%
Russell	36	0.8%
Bell	33	0.8%
Hart	33	0.8%
Casey	32	0.7%
Lincoln	32	0.7%
Perry	32	0.7%
Boyle	31	0.7%
Nelson	31	0.7%
Lewis	30	0.7%
Jackson	29	0.7%
Taylor	29	0.7%
Franklin	28	0.6%
Simpson	28	0.6%
Washington	28	0.6%
Floyd	27	0.6%
Mason	27	0.6%
Clay	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%
Carter	22	0.5%

County	Deaths	Percent
Caldwell	21	0.5%
Gallatin	19	0.4%
Mercer	19	0.4%
Metcalfe	19	0.4%
Clark	18	0.4%
Edmonson	18	0.4%
Johnson	18	0.4%
Lee	18	0.4%
Letcher	18	0.4%
McCreary	18	0.4%
Crittenden	17	0.4%
Lawrence	17	0.4%
Webster	17	0.4%
Bath	16	0.4%
Livingston	16	0.4%
Whitley	16	0.4%
Anderson	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%
Union	13	0.3%
Grant	12	0.3%
Robertson	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%
Rowan	10	0.2%
Harrison	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%
Powell	1	0.0%
Estill	0	0.0%

Total Deaths
4,336

Incidence Rates by County

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

County	Rate
Metcalfe	61.0
Owsley	55.0
Russell	49.4
McCreary	48.1
Knott	43.4
Bell	42.8
Butler	42.2
Taylor	40.5
Barren	38.1
Washington	37.8
Lewis	36.6
Clinton	36.4
Nelson	34.6
Trimble	33.7
Shelby	33.2
Livingston	32.6
Boone	32.6
Cumberland	32.4
Kenton	32.3
Marion	31.1
Whitley	30.7
Gallatin	30.6
Pulaski	30.1
Montgomery	29.4
Fayette	29.4
Perry	29.4
Campbell	29.3
Madison	28.7
Warren	28.7
Estill	28.4

County	Rate
Woodford	28.3
Daviess	28.3
Caldwell	28.0
Crittenden	27.6
Logan	27.4
Spencer	27.3
Hickman	26.1
Wayne	26.0
Knox	25.7
Grant	25.6
Hart	25.5
Clay	25.1
Lee	25.1
Leslie	24.6
Carroll	24.2
Bullitt	24.0
Simpson	23.8
Scott	23.8
Jessamine	23.5
Graves	23.4
Powell	23.1
Henry	23.0
Jefferson	23.0
Rowan	22.8
Garrard	22.6
Hardin	22.5
Boyle	22.3
Mercer	22.1
Lincoln	22.1
Floyd	22.1

County	Rate
Larue	21.8
Allen	21.4
Laurel	21.1
Marshall	21.1
Casey	20.3
Ohio	20.2
Webster	19.9
Owen	19.7
Hancock	19.7
Henderson	19.6
Johnson	19.3
Harlan	19.2
Hopkins	19.2
Franklin	19.1
Harrison	18.9
Edmonson	18.8
Boyd	18.7
Rockcastle	18.0
Pike	17.0
Grayson	16.8
Trigg	15.6
McCracken	14.8
Breathitt	14.7
Adair	14.1
Breckinridge	14.0
Todd	13.9
Lyon	13.9
Letcher	13.9
Bourbon	13.7
Pendleton	13.7

County	Rate
Green	13.1
Greenup	13.0
Martin	12.8
Fleming	12.7
Mason	12.6
Meade	12.5
Muhlenberg	12.1
Morgan	11.8
Nicholas	11.8
Clark	11.4
Anderson	11.3
Carter	11.2
Lawrence	11.2
Christian	11.2
Union	10.9
Magoffin	10.6
McLean	9.3
Ballard	9.1
Bracken	8.6
Oldham	8.6
Wolfe	8.0
Robertson	6.8
Menifee	6.6
Jackson	6.4
Monroe	5.4
Fulton	4.8
Calloway	4.4
Bath	3.4
Carlisle	3.0
Elliott	1.9

Current Overall Incidence Rate
23.81 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.