

KY COVID-19 Report 17APR21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	437,037	331,221	105,816
Deaths	6,330	5,723	607
New Cases	599	364	235
New Cases 18 and Under	132	69	63
New Deaths	3	3	0
New Audit Deaths	10	9	1
Total New Deaths	13	12	1

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
18,953	4.3%	0-9	0.0%	1
46,720	10.7%	10-19	0.0%	1
79,149	18.1%	20-29	0.1%	5
67,416	15.4%	30-39	0.6%	35
65,966	15.1%	40-49	1.8%	111
63,248	14.5%	50-59	5.8%	370
48,405	11.1%	60-69	17.1%	1,084
28,747	6.6%	70-79	27.7%	1,755
18,218	4.2%	80+	46.9%	2,968
215	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
888	0.2%	American Indian	0.1%	5
3,957	1.1%	Asian	0.5%	27
29,266	8.0%	Black	8.1%	483
376	0.1%	Pacific Islander	0.1%	3
311,730	85.6%	White	88.9%	5,324
17,922	4.9%	Multiracial	2.4%	146

Cases	Case Percent	Ethnicity	Death Percent	Deaths
18,941	5.5%	Hispanic	1.5%	87
326,055	94.5%	Non-Hispanic	98.5%	5,664

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.3% of cases and 94.6% of deaths
Ethnicity known for 78.9% of cases and 90.9% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,404	10.6%
Deaths	2,377	37.6%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,963	57,384	3.42%

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
5,284,683	4,470,290	119,342	695,051	325,455	272,231	11,618	41,606

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	21,454	4.91%
Ever ICU	4,413	1.01%
Recovered	50,735	11.61%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	413
ICU	105
On Ventilator	45

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,493	4,809	63.8%
ICU Beds	1,128	675	62.6%
Ventilators	452	1,304	25.7%

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	21	11	4	2.7%	10.8%	4.0%	54.80%	48.04%	13.13%
Region 2	26	4	1	3.2%	3.3%	1.2%	57.28%	48.36%	19.28%
Region 3	138	32	15	3.6%	6.1%	3.4%	66.21%	62.57%	34.86%
Region 4	24	4	0	2.8%	3.7%	0.0%	69.25%	78.70%	15.18%
Region 5	80	14	11	2.9%	3.4%	2.2%	68.14%	65.38%	28.63%
Region 6	30	10	6	2.3%	5.7%	5.8%	70.16%	44.57%	38.83%
Region 7	18	7	1	2.9%	10.9%	0.8%	61.40%	75.00%	11.38%
Region 8	41	15	3	3.4%	11.0%	2.0%	55.72%	82.35%	26.17%
Region 9	29	2	2	4.4%	1.8%	2.0%	57.96%	50.88%	7.92%
Region 10	6	6	2	1.3%	13.3%	3.3%	51.48%	91.11%	21.31%

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	78,160	17.9%
Fayette	34,787	8.0%
Kenton	15,946	3.6%
Warren	15,558	3.6%
Boone	13,431	3.1%
Daviess	10,419	2.4%
Hardin	9,449	2.2%
Madison	9,140	2.1%
Campbell	8,274	1.9%
Oldham	7,419	1.7%
Bullitt	6,912	1.6%
Christian	6,746	1.5%
Laurel	6,501	1.5%
McCracken	6,338	1.5%
Pulaski	6,167	1.4%
Pike	5,435	1.2%
Boyd	4,844	1.1%
Nelson	4,822	1.1%
Scott	4,796	1.1%
Whitley	4,784	1.1%
Henderson	4,617	1.1%
Shelby	4,542	1.0%
Jessamine	4,472	1.0%
Barren	4,351	1.0%
Hopkins	4,321	1.0%
Graves	4,111	0.9%
Franklin	3,953	0.9%
Greenup	3,514	0.8%
Calloway	3,475	0.8%
Boyle	3,360	0.8%

County	Cases	Percent
Knox	3,326	0.8%
Floyd	3,295	0.8%
Bell	3,042	0.7%
Taylor	2,987	0.7%
Muhlenberg	2,880	0.7%
Logan	2,776	0.6%
Clark	2,737	0.6%
Harlan	2,723	0.6%
Marshall	2,710	0.6%
Clay	2,621	0.6%
Perry	2,603	0.6%
Montgomery	2,524	0.6%
Mercer	2,503	0.6%
Ohio	2,419	0.6%
Lincoln	2,251	0.5%
Marion	2,243	0.5%
Carter	2,230	0.5%
Grant	2,227	0.5%
Morgan	2,182	0.5%
Rowan	2,151	0.5%
Wayne	2,143	0.5%
Grayson	2,116	0.5%
Woodford	2,101	0.5%
Allen	2,020	0.5%
Simpson	2,017	0.5%
Meade	1,988	0.5%
McCreary	1,951	0.4%
Hart	1,939	0.4%
Johnson	1,890	0.4%
Letcher	1,866	0.4%

County	Cases	Percent
Adair	1,819	0.4%
Russell	1,794	0.4%
Anderson	1,703	0.4%
Bourbon	1,654	0.4%
Harrison	1,641	0.4%
Mason	1,590	0.4%
Spencer	1,565	0.4%
Lyon	1,500	0.3%
Garrard	1,492	0.3%
Rockcastle	1,465	0.3%
Caldwell	1,437	0.3%
Clinton	1,435	0.3%
Butler	1,421	0.3%
Washington	1,414	0.3%
Lawrence	1,390	0.3%
Union	1,325	0.3%
Casey	1,319	0.3%
Henry	1,313	0.3%
Monroe	1,299	0.3%
Jackson	1,290	0.3%
Larue	1,290	0.3%
Lee	1,264	0.3%
Trigg	1,223	0.3%
Webster	1,217	0.3%
Lewis	1,208	0.3%
Breckinridge	1,198	0.3%
Green	1,193	0.3%
Powell	1,155	0.3%
Fleming	1,145	0.3%
Knott	1,126	0.3%

County	Cases	Percent
Todd	1,077	0.2%
Estill	1,059	0.2%
Metcalfe	1,025	0.2%
Martin	1,011	0.2%
Pendleton	1,001	0.2%
Breathitt	991	0.2%
Carroll	983	0.2%
Elliott	953	0.2%
Magoffin	927	0.2%
Bath	891	0.2%
Leslie	889	0.2%
Edmonson	885	0.2%
McLean	868	0.2%
Hancock	862	0.2%
Livingston	818	0.2%
Cumberland	695	0.2%
Gallatin	691	0.2%
Trimble	664	0.2%
Owen	647	0.1%
Crittenden	623	0.1%
Bracken	606	0.1%
Nicholas	520	0.1%
Fulton	502	0.1%
Wolfe	494	0.1%
Owsley	488	0.1%
Carlisle	464	0.1%
Menifee	450	0.1%
Ballard	387	0.1%
Hickman	356	0.1%
Robertson	211	0.0%

Total Cases
437,037

New Cases by County

County	Cases	Percent
Jefferson	103	17.2%
Fayette	38	6.3%
McCracken	31	5.2%
Warren	28	4.7%
Daviess	21	3.5%
Kenton	21	3.5%
Logan	18	3.0%
Montgomery	18	3.0%
Christian	15	2.5%
Lewis	11	1.8%
Boone	10	1.7%
Harlan	10	1.7%
Henderson	9	1.5%
Franklin	8	1.3%
Hancock	8	1.3%
Barren	7	1.2%
Graves	7	1.2%
Laurel	7	1.2%
Powell	7	1.2%
Scott	7	1.2%
Simpson	7	1.2%
Trigg	7	1.2%
Whitley	7	1.2%
Allen	6	1.0%
Morgan	6	1.0%
Oldham	6	1.0%
Shelby	6	1.0%
Hopkins	5	0.8%
Marion	5	0.8%
Rowan	5	0.8%

County	Cases	Percent
Spencer	5	0.8%
Woodford	5	0.8%
Adair	4	0.7%
Boyle	4	0.7%
Bracken	4	0.7%
Campbell	4	0.7%
Clark	4	0.7%
Hardin	4	0.7%
Jessamine	4	0.7%
Knox	4	0.7%
Livingston	4	0.7%
Mercer	4	0.7%
Union	4	0.7%
Bath	3	0.5%
Bell	3	0.5%
Breckinridge	3	0.5%
Bullitt	3	0.5%
Carter	3	0.5%
Casey	3	0.5%
Grant	3	0.5%
Johnson	3	0.5%
Madison	3	0.5%
Mason	3	0.5%
Muhlenberg	3	0.5%
Nelson	3	0.5%
Perry	3	0.5%
Rockcastle	3	0.5%
Wolfe	3	0.5%
Anderson	2	0.3%
Bourbon	2	0.3%

County	Cases	Percent
Boyd	2	0.3%
Clay	2	0.3%
Clinton	2	0.3%
Estill	2	0.3%
Floyd	2	0.3%
Green	2	0.3%
Greenup	2	0.3%
Hart	2	0.3%
Lawrence	2	0.3%
Leslie	2	0.3%
Letcher	2	0.3%
McCreary	2	0.3%
Martin	2	0.3%
Meade	2	0.3%
Menifee	2	0.3%
Nicholas	2	0.3%
Taylor	2	0.3%
Ballard	1	0.2%
Calloway	1	0.2%
Carlisle	1	0.2%
Carroll	1	0.2%
Fleming	1	0.2%
Garrard	1	0.2%
Grayson	1	0.2%
Jackson	1	0.2%
McLean	1	0.2%
Marshall	1	0.2%
Monroe	1	0.2%
Pendleton	1	0.2%
Pike	1	0.2%

County	Cases	Percent
Pulaski	1	0.2%
Russell	1	0.2%
Todd	1	0.2%
Trimble	1	0.2%
Washington	1	0.2%
Breathitt	0	0.0%
Butler	0	0.0%
Caldwell	0	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Elliott	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Harrison	0	0.0%
Henry	0	0.0%
Hickman	0	0.0%
Knott	0	0.0%
Larue	0	0.0%
Lee	0	0.0%
Lincoln	0	0.0%
Lyon	0	0.0%
Magoffin	0	0.0%
Metcalfe	0	0.0%
Ohio	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%
Wayne	0	0.0%
Webster	0	0.0%

Total New Cases
599

Total Deaths by County

County	Deaths	Percent
Jefferson	1,139	18.0%
Fayette	288	4.5%
Daviess	178	2.8%
Kenton	166	2.6%
Warren	166	2.6%
Hardin	149	2.4%
Hopkins	143	2.3%
McCracken	119	1.9%
Boone	114	1.8%
Madison	109	1.7%
Christian	102	1.6%
Pulaski	93	1.5%
Barren	90	1.4%
Graves	90	1.4%
Pike	90	1.4%
Harlan	83	1.3%
Oldham	82	1.3%
Boyd	72	1.1%
Bullitt	70	1.1%
Henderson	70	1.1%
Boyle	69	1.1%
Campbell	69	1.1%
Shelby	69	1.1%
Laurel	67	1.1%
Logan	64	1.0%
Floyd	63	1.0%
Perry	63	1.0%
Jessamine	61	1.0%
Muhlenberg	59	0.9%
Greenup	56	0.9%

County	Deaths	Percent
Marshall	55	0.9%
Adair	53	0.8%
Ohio	53	0.8%
Grayson	52	0.8%
Bell	51	0.8%
Nelson	51	0.8%
Calloway	49	0.8%
Mercer	49	0.8%
Whitley	49	0.8%
Franklin	46	0.7%
Lincoln	46	0.7%
Hart	45	0.7%
Wayne	43	0.7%
Letcher	42	0.7%
Russell	42	0.7%
Taylor	42	0.7%
Monroe	40	0.6%
Clay	39	0.6%
Allen	37	0.6%
Marion	37	0.6%
Washington	36	0.6%
Simpson	35	0.6%
Casey	34	0.5%
Knox	34	0.5%
Mason	34	0.5%
Garrard	33	0.5%
Carter	32	0.5%
Jackson	32	0.5%
Johnson	32	0.5%
Lewis	32	0.5%

County	Deaths	Percent
Scott	32	0.5%
Clinton	31	0.5%
Caldwell	30	0.5%
Montgomery	30	0.5%
McCreary	29	0.5%
Clark	28	0.4%
Gallatin	27	0.4%
McLean	26	0.4%
Metcalfe	26	0.4%
Larue	25	0.4%
Lee	25	0.4%
Todd	25	0.4%
Butler	24	0.4%
Knott	23	0.4%
Meade	23	0.4%
Harrison	22	0.3%
Edmonson	21	0.3%
Fleming	21	0.3%
Anderson	20	0.3%
Bath	20	0.3%
Crittenden	20	0.3%
Lawrence	20	0.3%
Martin	20	0.3%
Rockcastle	20	0.3%
Webster	20	0.3%
Carroll	19	0.3%
Livingston	19	0.3%
Lyon	19	0.3%
Woodford	19	0.3%
Grant	18	0.3%

County	Deaths	Percent
Spencer	18	0.3%
Rowan	17	0.3%
Green	15	0.2%
Hancock	15	0.2%
Menifee	15	0.2%
Union	15	0.2%
Bourbon	14	0.2%
Breckinridge	14	0.2%
Fulton	14	0.2%
Magoffin	14	0.2%
Robertson	14	0.2%
Trigg	14	0.2%
Owen	12	0.2%
Owsley	12	0.2%
Estill	11	0.2%
Henry	11	0.2%
Cumberland	10	0.2%
Hickman	10	0.2%
Powell	10	0.2%
Ballard	8	0.1%
Breathitt	8	0.1%
Carlisle	8	0.1%
Nicholas	8	0.1%
Bracken	7	0.1%
Trimble	7	0.1%
Leslie	6	0.1%
Wolfe	5	0.1%
Morgan	3	0.0%
Pendleton	3	0.0%
Elliott	2	0.0%

Total Deaths
6,330

Incidence Rates by County

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

County	Rate
Bracken	79.1
Lewis	56.0
Bath	42.3
Wolfe	41.9
Morgan	38.6
Harlan	34.6
Mason	33.5
Logan	30.6
Powell	28.9
Menifee	26.4
Bell	26.3
Christian	22.7
Simpson	22.3
Todd	22.1
Henderson	21.5
Robertson	20.3
Breckinridge	20.2
Laurel	19.7
Rockcastle	19.7
Warren	19.7
Hancock	19.7
Nicholas	19.7
Allen	19.4
Martin	19.1
Whitley	18.9
Montgomery	18.8
Spencer	18.5
Boyle	18.1
Knox	17.9
Daviess	17.5

County	Rate
McCreary	17.4
Leslie	17.4
Marion	17.0
Metcalfe	17.0
Lawrence	16.8
Carter	16.0
Mercer	15.6
Greenup	15.1
Fleming	14.7
Graves	14.2
Grayson	14.1
Rowan	14.0
Livingston	14.0
Hopkins	13.7
Clay	13.6
Taylor	13.3
Jessamine	13.2
Garrard	12.9
Fayette	12.2
Barren	11.6
Jefferson	11.6
Nelson	11.4
Scott	11.3
Caldwell	11.2
Franklin	11.2
Adair	11.2
McCracken	10.9
Washington	10.6
Magoffin	10.6
Grant	10.3

County	Rate
Clark	10.2
Pulaski	10.1
Oldham	10.1
Kenton	10.0
Meade	10.0
Perry	10.0
Webster	9.9
Union	9.9
Lincoln	9.9
Hickman	9.8
Casey	9.7
Johnson	9.7
Boone	9.6
Marshall	9.2
Green	9.1
Estill	9.1
Ohio	8.9
Floyd	8.8
Pendleton	8.8
Anderson	8.8
Shelby	8.7
Lyon	8.7
Trimble	8.4
Hart	8.3
Carroll	8.1
Monroe	8.0
Woodford	8.0
Madison	8.0
McLean	7.8
Elliott	7.6

County	Rate
Hardin	7.5
Bullitt	7.0
Trigg	6.8
Butler	6.7
Crittenden	6.5
Owsley	6.5
Gallatin	6.4
Russell	6.4
Harrison	6.1
Letcher	6.0
Larue	6.0
Pike	5.9
Lee	5.8
Campbell	5.3
Owen	5.2
Calloway	5.1
Bourbon	5.1
Boyd	4.6
Cumberland	4.3
Muhlenberg	3.7
Henry	3.5
Edmonson	3.5
Jackson	3.2
Clinton	2.8
Fulton	2.4
Wayne	2.1
Knott	1.9
Ballard	1.8
Breathitt	1.1
Carlisle	0.0

Current Overall Incidence Rate
12.54 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.