

KY COVID-19 Report 17MAR21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	418,372	319,559	98,813
Deaths	5,056	4,581	475
New Cases	963	593	370
New Cases 18 and Under	159	85	74
New Deaths	27	24	3

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
17,791	4.3%	0-9	0.0%	1
44,079	10.5%	10-19	0.0%	1
75,700	18.1%	20-29	0.1%	3
64,489	15.4%	30-39	0.6%	31
63,138	15.1%	40-49	1.8%	91
60,705	14.5%	50-59	6.1%	309
46,633	11.1%	60-69	17.4%	880
27,854	6.7%	70-79	28.3%	1,429
17,766	4.2%	80+	45.7%	2,311
217	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
845	0.2%	American Indian	0.1%	4
3,750	1.1%	Asian	0.5%	24
27,497	8.0%	Black	8.2%	387
374	0.1%	Pacific Islander	0.0%	2
293,386	85.7%	White	88.5%	4,194
16,610	4.9%	Multiracial	2.7%	126

Cases	Case Percent	Ethnicity	Death Percent	Deaths
17,796	5.5%	Hispanic	1.7%	75
307,582	94.5%	Non-Hispanic	98.3%	4,443

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 81.9% of cases and 93.7% of deaths
Ethnicity known for 77.8% of cases and 89.4% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,175	11.0%
Deaths	2,368	46.8%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
2,448	65,581	3.73%

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
4,714,369	4,054,812	112,728	546,829	303,931	254,966	10,334	38,631

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	19,999	4.78%
Ever ICU	4,141	0.99%
Recovered	48,882	11.68%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	441
ICU	109
On Ventilator	60

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,079	5,223	60.7%
ICU Beds	1,073	730	59.5%
Ventilators	486	1,284	27.5%

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	22	12	6	2.8%	11.8%	6.1%	56.19%	62.75%	20.20%
Region 2	17	3	3	2.1%	2.5%	3.5%	52.79%	55.74%	19.77%
Region 3	173	34	20	4.5%	6.5%	4.6%	61.31%	56.81%	32.57%
Region 4	31	5	3	3.6%	4.6%	2.6%	51.06%	61.11%	13.16%
Region 5	96	21	16	3.5%	5.0%	3.2%	66.65%	64.18%	36.31%
Region 6	27	3	0	2.1%	1.7%	0.0%	73.10%	37.14%	42.59%
Region 7	14	4	4	2.2%	6.3%	3.3%	52.47%	51.56%	4.96%
Region 8	34	12	5	2.8%	8.8%	3.3%	54.39%	83.09%	21.33%
Region 9	21	9	2	3.2%	7.9%	2.0%	63.96%	54.39%	15.84%
Region 10	6	6	1	1.3%	13.3%	1.6%	49.16%	86.67%	20.97%

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	75,176	18.0%
Fayette	33,563	8.0%
Kenton	15,426	3.7%
Warren	14,852	3.5%
Boone	12,985	3.1%
Daviess	9,943	2.4%
Hardin	9,109	2.2%
Madison	8,851	2.1%
Campbell	8,044	1.9%
Oldham	7,175	1.7%
Bullitt	6,419	1.5%
Christian	6,336	1.5%
Laurel	6,100	1.5%
McCracken	6,026	1.4%
Pulaski	5,940	1.4%
Pike	5,288	1.3%
Boyd	4,714	1.1%
Nelson	4,701	1.1%
Shelby	4,445	1.1%
Whitley	4,425	1.1%
Henderson	4,403	1.1%
Scott	4,368	1.0%
Jessamine	4,312	1.0%
Barren	4,159	1.0%
Hopkins	4,089	1.0%
Graves	4,024	1.0%
Franklin	3,818	0.9%
Calloway	3,430	0.8%
Greenup	3,390	0.8%
Boyle	3,219	0.8%

County	Cases	Percent
Floyd	3,116	0.7%
Knox	3,116	0.7%
Taylor	2,888	0.7%
Bell	2,865	0.7%
Muhlenberg	2,813	0.7%
Marshall	2,598	0.6%
Logan	2,590	0.6%
Clark	2,540	0.6%
Clay	2,528	0.6%
Harlan	2,466	0.6%
Perry	2,442	0.6%
Mercer	2,404	0.6%
Montgomery	2,366	0.6%
Ohio	2,360	0.6%
Marion	2,184	0.5%
Lincoln	2,156	0.5%
Grant	2,144	0.5%
Carter	2,096	0.5%
Wayne	2,070	0.5%
Morgan	2,066	0.5%
Rowan	2,048	0.5%
Woodford	2,038	0.5%
Grayson	2,008	0.5%
Meade	1,893	0.5%
Hart	1,870	0.4%
Allen	1,859	0.4%
Johnson	1,833	0.4%
McCreary	1,821	0.4%
Simpson	1,763	0.4%
Letcher	1,744	0.4%

County	Cases	Percent
Russell	1,742	0.4%
Adair	1,663	0.4%
Anderson	1,663	0.4%
Bourbon	1,599	0.4%
Harrison	1,563	0.4%
Spencer	1,533	0.4%
Lyon	1,530	0.4%
Mason	1,489	0.4%
Garrard	1,436	0.3%
Clinton	1,399	0.3%
Rockcastle	1,397	0.3%
Washington	1,378	0.3%
Butler	1,366	0.3%
Lawrence	1,305	0.3%
Union	1,281	0.3%
Henry	1,271	0.3%
Caldwell	1,269	0.3%
Larue	1,262	0.3%
Monroe	1,256	0.3%
Jackson	1,241	0.3%
Casey	1,230	0.3%
Lee	1,209	0.3%
Webster	1,177	0.3%
Green	1,143	0.3%
Trigg	1,140	0.3%
Breckinridge	1,125	0.3%
Lewis	1,119	0.3%
Fleming	1,098	0.3%
Knott	1,095	0.3%
Todd	1,030	0.2%

County	Cases	Percent
Powell	1,021	0.2%
Estill	1,011	0.2%
Metcalfe	987	0.2%
Pendleton	975	0.2%
Martin	964	0.2%
Breathitt	954	0.2%
Carroll	940	0.2%
Elliott	934	0.2%
Magoffin	882	0.2%
McLean	845	0.2%
Edmonson	842	0.2%
Leslie	832	0.2%
Hancock	819	0.2%
Bath	802	0.2%
Livingston	778	0.2%
Gallatin	672	0.2%
Cumberland	664	0.2%
Owen	632	0.2%
Trimble	629	0.2%
Crittenden	577	0.1%
Bracken	534	0.1%
Fulton	490	0.1%
Nicholas	477	0.1%
Wolfe	453	0.1%
Owsley	452	0.1%
Carlisle	450	0.1%
Menifee	415	0.1%
Ballard	368	0.1%
Hickman	334	0.1%
Robertson	195	0.0%

Total Cases
418,372

New Cases by County

County	Cases	Percent
Jefferson	151	15.7%
Fayette	62	6.4%
Lyon	53	5.5%
Hardin	38	3.9%
Boone	29	3.0%
Oldham	27	2.8%
Simpson	26	2.7%
Hopkins	24	2.5%
Warren	24	2.5%
Kenton	23	2.4%
Clark	22	2.3%
Pulaski	22	2.3%
Logan	20	2.1%
Henderson	19	2.0%
McCracken	19	2.0%
Daviess	15	1.6%
Laurel	15	1.6%
Scott	15	1.6%
Bullitt	14	1.5%
Knox	14	1.5%
Pike	13	1.3%
Whitley	12	1.2%
Campbell	11	1.1%
Estill	11	1.1%
Madison	11	1.1%
Wayne	11	1.1%
Barren	10	1.0%
Christian	10	1.0%
Taylor	9	0.9%
Bell	8	0.8%

County	Cases	Percent
Carter	8	0.8%
Nelson	8	0.8%
Boyle	7	0.7%
Edmonson	7	0.7%
Franklin	7	0.7%
Grayson	7	0.7%
Jessamine	7	0.7%
Montgomery	7	0.7%
Perry	7	0.7%
Woodford	7	0.7%
Harlan	6	0.6%
Mercer	6	0.6%
Anderson	5	0.5%
Clay	5	0.5%
Harrison	5	0.5%
Boyd	4	0.4%
Caldwell	4	0.4%
Calloway	4	0.4%
Carroll	4	0.4%
Greenup	4	0.4%
Hancock	4	0.4%
Hart	4	0.4%
Jackson	4	0.4%
Shelby	4	0.4%
Bourbon	3	0.3%
Breathitt	3	0.3%
Butler	3	0.3%
Clinton	3	0.3%
Garrard	3	0.3%
Grant	3	0.3%

County	Cases	Percent
Green	3	0.3%
Henry	3	0.3%
Knott	3	0.3%
McCreary	3	0.3%
Muhlenberg	3	0.3%
Trimble	3	0.3%
Adair	2	0.2%
Allen	2	0.2%
Breckinridge	2	0.2%
Casey	2	0.2%
Floyd	2	0.2%
Gallatin	2	0.2%
Graves	2	0.2%
Larue	2	0.2%
Lawrence	2	0.2%
Lincoln	2	0.2%
Marion	2	0.2%
Morgan	2	0.2%
Rowan	2	0.2%
Trigg	2	0.2%
Washington	2	0.2%
Wolfe	2	0.2%
Ballard	1	0.1%
Bath	1	0.1%
Bracken	1	0.1%
Crittenden	1	0.1%
Fleming	1	0.1%
Hickman	1	0.1%
Leslie	1	0.1%
Letcher	1	0.1%

County	Cases	Percent
Lewis	1	0.1%
Livingston	1	0.1%
McLean	1	0.1%
Magoffin	1	0.1%
Marshall	1	0.1%
Metcalfe	1	0.1%
Monroe	1	0.1%
Ohio	1	0.1%
Owen	1	0.1%
Pendleton	1	0.1%
Rockcastle	1	0.1%
Russell	1	0.1%
Spencer	1	0.1%
Webster	1	0.1%
Carlisle	0	0.0%
Cumberland	0	0.0%
Elliott	0	0.0%
Fulton	0	0.0%
Johnson	0	0.0%
Lee	0	0.0%
Martin	0	0.0%
Mason	0	0.0%
Meade	0	0.0%
Menifee	0	0.0%
Nicholas	0	0.0%
Owsley	0	0.0%
Powell	0	0.0%
Robertson	0	0.0%
Todd	0	0.0%
Union	0	0.0%

Total New Cases
963

Total Deaths by County

County	Deaths	Percent
Jefferson	881	17.4%
Fayette	247	4.9%
Daviess	162	3.2%
Warren	143	2.8%
Kenton	136	2.7%
Hopkins	127	2.5%
Hardin	110	2.2%
Madison	90	1.8%
Pulaski	86	1.7%
Boone	83	1.6%
Christian	83	1.6%
McCracken	81	1.6%
Graves	76	1.5%
Barren	72	1.4%
Harlan	72	1.4%
Oldham	70	1.4%
Pike	63	1.2%
Henderson	60	1.2%
Jessamine	55	1.1%
Logan	55	1.1%
Shelby	54	1.1%
Bullitt	52	1.0%
Muhlenberg	51	1.0%
Adair	50	1.0%
Campbell	50	1.0%
Marshall	49	1.0%
Boyd	48	0.9%
Grayson	48	0.9%
Ohio	48	0.9%
Perry	47	0.9%

County	Deaths	Percent
Floyd	45	0.9%
Boyle	44	0.9%
Nelson	44	0.9%
Wayne	42	0.8%
Calloway	40	0.8%
Bell	39	0.8%
Laurel	39	0.8%
Mercer	38	0.8%
Monroe	38	0.8%
Russell	38	0.8%
Greenup	36	0.7%
Lincoln	36	0.7%
Hart	35	0.7%
Franklin	34	0.7%
Letcher	34	0.7%
Casey	33	0.7%
Taylor	33	0.7%
Lewis	31	0.6%
Washington	31	0.6%
Clay	30	0.6%
Simpson	30	0.6%
Jackson	29	0.6%
Marion	29	0.6%
Mason	29	0.6%
Clinton	27	0.5%
Montgomery	27	0.5%
Allen	26	0.5%
McCreary	26	0.5%
Scott	26	0.5%
Whitley	26	0.5%

County	Deaths	Percent
Clark	25	0.5%
McLean	25	0.5%
Caldwell	24	0.5%
Carter	24	0.5%
Todd	24	0.5%
Butler	23	0.5%
Larue	22	0.4%
Gallatin	21	0.4%
Metcalf	21	0.4%
Johnson	20	0.4%
Knott	20	0.4%
Lawrence	20	0.4%
Lee	20	0.4%
Bath	19	0.4%
Edmonson	19	0.4%
Garrard	18	0.4%
Livingston	18	0.4%
Meade	18	0.4%
Webster	18	0.4%
Anderson	17	0.3%
Crittenden	17	0.3%
Martin	17	0.3%
Woodford	16	0.3%
Fleming	15	0.3%
Lyon	15	0.3%
Rockcastle	15	0.3%
Rowan	15	0.3%
Grant	14	0.3%
Hancock	14	0.3%
Knox	14	0.3%

County	Deaths	Percent
Menifee	14	0.3%
Green	13	0.3%
Harrison	13	0.3%
Robertson	13	0.3%
Spencer	13	0.3%
Union	13	0.3%
Carroll	10	0.2%
Fulton	10	0.2%
Owsley	10	0.2%
Breckinridge	9	0.2%
Trigg	9	0.2%
Bourbon	8	0.2%
Cumberland	8	0.2%
Henry	8	0.2%
Hickman	8	0.2%
Owen	8	0.2%
Ballard	7	0.1%
Breathitt	7	0.1%
Magoffin	7	0.1%
Nicholas	6	0.1%
Bracken	5	0.1%
Wolfe	5	0.1%
Carlisle	4	0.1%
Estill	3	0.1%
Leslie	3	0.1%
Powell	3	0.1%
Trimble	3	0.1%
Elliott	2	0.0%
Morgan	1	0.0%
Pendleton	1	0.0%

Total Deaths
5,056

Incidence Rates by County

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

County	Rate
Lyon	715.2
Knox	44.5
Simpson	40.0
Clay	30.9
Owsley	29.1
Laurel	26.5
Butler	25.5
Hopkins	25.3
Trimble	23.6
Bell	23.6
Carroll	22.8
Powell	20.8
Clark	19.7
Estill	19.2
Larue	18.9
Whitley	18.5
Taylor	17.7
Logan	17.4
Green	17.0
Allen	16.8
McCreary	16.6
Harlan	16.5
Edmonson	16.5
Morgan	15.0
Pulaski	14.5
Henry	14.2
Nelson	13.9
Barren	13.9
Ohio	13.7
Carter	13.3

County	Rate
Henderson	13.0
Rockcastle	12.8
Pendleton	12.7
Fayette	12.6
Bath	12.6
Mason	12.6
Breathitt	12.4
Caldwell	12.3
Scott	12.3
Lawrence	12.1
Lewis	11.8
Jackson	11.8
Rowan	11.7
Todd	11.6
Jefferson	11.6
Boone	11.5
Hancock	11.5
Hardin	11.5
Grayson	11.4
Jessamine	11.4
Hart	11.3
Wayne	11.2
Daviess	11.1
Boyle	10.9
Pike	10.9
Warren	10.9
Kenton	10.5
Garrard	10.5
Bullitt	10.5
Oldham	10.5

County	Rate
Campbell	10.4
Martin	10.2
Woodford	10.2
Madison	10.0
Wolfe	10.0
Mercer	9.8
Adair	9.7
Gallatin	9.7
Washington	9.4
Monroe	9.4
Greenup	9.4
Christian	9.3
Carlisle	9.0
Franklin	8.7
Montgomery	8.6
Metcalfe	8.5
Floyd	8.4
Harrison	8.3
Perry	8.3
McCracken	8.3
Anderson	8.2
Grant	8.0
Casey	8.0
Webster	7.7
Graves	7.7
Boyd	7.6
Spencer	7.4
Shelby	7.3
Leslie	7.2
Bourbon	7.2

County	Rate
Russell	7.2
Lincoln	7.0
Robertson	6.8
Knott	6.8
Marion	6.7
McLean	6.2
Nicholas	5.9
Calloway	5.9
Clinton	5.6
Breckinridge	5.6
Ballard	5.4
Bracken	5.2
Johnson	5.2
Muhlenberg	4.7
Livingston	4.7
Cumberland	4.3
Marshall	4.1
Meade	4.0
Fleming	3.9
Trigg	3.9
Crittenden	3.2
Letcher	2.7
Owen	2.6
Magoffin	2.3
Menifee	2.2
Lee	0.0
Union	0.0
Fulton	0.0
Hickman	0.0
Elliott	0.0

Current Overall Incidence Rate
13.06 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.