

KY COVID-19 Report 16MAR21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	417,412	318,956	98,456
Deaths	5,029	4,557	472
New Cases	819	462	357
New Cases 18 and Under	122	59	63
New Deaths	24	22	2

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
17,740	4.2%	0-9	0.0%	1
43,951	10.5%	10-19	0.0%	1
75,516	18.1%	20-29	0.1%	3
64,361	15.4%	30-39	0.6%	30
63,005	15.1%	40-49	1.8%	90
60,573	14.5%	50-59	6.1%	308
46,508	11.1%	60-69	17.4%	875
27,801	6.7%	70-79	28.2%	1,420
17,740	4.2%	80+	45.8%	2,301
217	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
844	0.2%	American Indian	0.1%	4
3,741	1.1%	Asian	0.5%	24
27,410	8.0%	Black	8.2%	386
374	0.1%	Pacific Islander	0.0%	2
292,596	85.7%	White	88.5%	4,167
16,551	4.8%	Multiracial	2.7%	125

Cases	Case Percent	Ethnicity	Death Percent	Deaths
17,751	5.5%	Hispanic	1.6%	74
306,742	94.5%	Non-Hispanic	98.4%	4,416

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 81.8% of cases and 93.6% of deaths
Ethnicity known for 77.7% of cases and 89.3% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,125	11.1%
Deaths	2,369	47.1%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
65,708	2,542	3.87%

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
4,702,313	4,047,893	112,630	541,790	303,545	254,783	10,285	38,477

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	19,945	4.78%
Ever ICU	4,131	0.99%
Recovered	48,802	11.69%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	459
ICU	110
On Ventilator	59

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,824	5,478	58.8%
ICU Beds	1,063	740	59.0%
Ventilators	507	1,256	28.8%

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	23	12	6	2.9%	11.8%	6.1%	52.53%	66.67%	21.21%
Region 2	17	7	3	2.1%	5.7%	3.5%	50.36%	46.72%	19.77%
Region 3	162	32	19	4.2%	6.1%	4.4%	58.27%	53.17%	32.57%
Region 4	34	1	3	4.0%	0.9%	2.6%	46.95%	62.04%	14.91%
Region 5	82	21	14	3.0%	5.0%	2.8%	67.38%	63.94%	37.93%
Region 6	39	1	1	3.0%	0.6%	0.9%	68.99%	40.57%	43.52%
Region 7	17	4	1	2.7%	6.3%	0.8%	50.88%	51.56%	6.67%
Region 8	40	15	6	3.3%	11.0%	4.1%	54.14%	86.03%	26.21%
Region 9	37	9	3	5.6%	7.9%	3.0%	63.66%	57.02%	15.00%
Region 10	8	8	3	1.7%	17.8%	4.8%	47.68%	93.33%	24.19%

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	75,027	18.0%
Fayette	33,499	8.0%
Kenton	15,404	3.7%
Warren	14,829	3.6%
Boone	12,956	3.1%
Daviess	9,929	2.4%
Hardin	9,070	2.2%
Madison	8,843	2.1%
Campbell	8,033	1.9%
Oldham	7,149	1.7%
Bullitt	6,398	1.5%
Christian	6,327	1.5%
Laurel	6,087	1.5%
McCracken	6,008	1.4%
Pulaski	5,919	1.4%
Pike	5,275	1.3%
Boyd	4,709	1.1%
Nelson	4,694	1.1%
Shelby	4,443	1.1%
Whitley	4,412	1.1%
Henderson	4,384	1.1%
Scott	4,354	1.0%
Jessamine	4,305	1.0%
Barren	4,149	1.0%
Hopkins	4,064	1.0%
Graves	4,022	1.0%
Franklin	3,808	0.9%
Calloway	3,426	0.8%
Greenup	3,386	0.8%
Boyle	3,211	0.8%

County	Cases	Percent
Floyd	3,113	0.7%
Knox	3,100	0.7%
Taylor	2,877	0.7%
Bell	2,857	0.7%
Muhlenberg	2,810	0.7%
Marshall	2,597	0.6%
Logan	2,570	0.6%
Clay	2,523	0.6%
Clark	2,518	0.6%
Harlan	2,460	0.6%
Perry	2,434	0.6%
Mercer	2,398	0.6%
Montgomery	2,360	0.6%
Ohio	2,359	0.6%
Marion	2,182	0.5%
Lincoln	2,152	0.5%
Grant	2,141	0.5%
Carter	2,088	0.5%
Morgan	2,064	0.5%
Wayne	2,059	0.5%
Rowan	2,047	0.5%
Woodford	2,030	0.5%
Grayson	2,004	0.5%
Meade	1,893	0.5%
Hart	1,866	0.4%
Allen	1,857	0.4%
Johnson	1,833	0.4%
McCreary	1,819	0.4%
Letcher	1,743	0.4%
Russell	1,741	0.4%

County	Cases	Percent
Simpson	1,737	0.4%
Anderson	1,662	0.4%
Adair	1,658	0.4%
Bourbon	1,593	0.4%
Harrison	1,561	0.4%
Spencer	1,534	0.4%
Mason	1,489	0.4%
Lyon	1,479	0.4%
Garrard	1,433	0.3%
Clinton	1,396	0.3%
Rockcastle	1,394	0.3%
Washington	1,375	0.3%
Butler	1,362	0.3%
Lawrence	1,303	0.3%
Union	1,281	0.3%
Henry	1,268	0.3%
Caldwell	1,263	0.3%
Larue	1,258	0.3%
Monroe	1,255	0.3%
Jackson	1,236	0.3%
Casey	1,231	0.3%
Lee	1,209	0.3%
Webster	1,176	0.3%
Green	1,144	0.3%
Trigg	1,138	0.3%
Breckinridge	1,123	0.3%
Lewis	1,118	0.3%
Fleming	1,098	0.3%
Knott	1,093	0.3%
Todd	1,030	0.2%

County	Cases	Percent
Powell	1,021	0.2%
Estill	1,000	0.2%
Metcalfe	986	0.2%
Pendleton	975	0.2%
Martin	964	0.2%
Breathitt	951	0.2%
Carroll	936	0.2%
Elliott	934	0.2%
Magoffin	881	0.2%
McLean	844	0.2%
Edmonson	834	0.2%
Leslie	832	0.2%
Hancock	815	0.2%
Bath	801	0.2%
Livingston	778	0.2%
Gallatin	670	0.2%
Cumberland	664	0.2%
Owen	631	0.2%
Trimble	626	0.1%
Crittenden	575	0.1%
Bracken	533	0.1%
Fulton	490	0.1%
Nicholas	477	0.1%
Owsley	452	0.1%
Wolfe	451	0.1%
Carlisle	449	0.1%
Menifee	415	0.1%
Ballard	367	0.1%
Hickman	333	0.1%
Robertson	195	0.0%

Total Cases
417,412

New Cases by County

County	Cases	Percent
Jefferson	139	17.0%
Fayette	55	6.7%
Laurel	36	4.4%
Warren	25	3.1%
Kenton	24	2.9%
Knox	24	2.9%
Daviess	23	2.8%
Clark	22	2.7%
Pike	22	2.7%
Hopkins	20	2.4%
Oldham	19	2.3%
Pulaski	19	2.3%
Christian	18	2.2%
Scott	16	2.0%
Boone	14	1.7%
McCracken	14	1.7%
Madison	13	1.6%
Whitley	13	1.6%
Jessamine	10	1.2%
Campbell	9	1.1%
Clay	9	1.1%
Ohio	9	1.1%
Bullitt	8	1.0%
Grayson	8	1.0%
Hardin	8	1.0%
Lewis	8	1.0%
Nelson	8	1.0%
Barren	7	0.9%
Bell	7	0.9%
Harlan	7	0.9%

County	Cases	Percent
Larue	7	0.9%
Rowan	7	0.9%
Simpson	7	0.9%
Boyle	6	0.7%
Perry	6	0.7%
Anderson	5	0.6%
Boyd	5	0.6%
Casey	5	0.6%
Lawrence	5	0.6%
Mason	5	0.6%
Mercer	5	0.6%
Rockcastle	5	0.6%
Woodford	5	0.6%
Bath	4	0.5%
Bourbon	4	0.5%
Breathitt	4	0.5%
Butler	4	0.5%
Calloway	4	0.5%
Franklin	4	0.5%
Hart	4	0.5%
Henderson	4	0.5%
Henry	4	0.5%
Logan	4	0.5%
McCreary	4	0.5%
Muhlenberg	4	0.5%
Powell	4	0.5%
Carroll	3	0.4%
Floyd	3	0.4%
Grant	3	0.4%
Jackson	3	0.4%

County	Cases	Percent
Lincoln	3	0.4%
Lyon	3	0.4%
Marion	3	0.4%
Montgomery	3	0.4%
Russell	3	0.4%
Taylor	3	0.4%
Todd	3	0.4%
Trimble	3	0.4%
Allen	2	0.2%
Breckinridge	2	0.2%
Carlisle	2	0.2%
Clinton	2	0.2%
Garrard	2	0.2%
Graves	2	0.2%
Greenup	2	0.2%
Harrison	2	0.2%
Knott	2	0.2%
Meade	2	0.2%
Morgan	2	0.2%
Shelby	2	0.2%
Spencer	2	0.2%
Washington	2	0.2%
Adair	1	0.1%
Ballard	1	0.1%
Crittenden	1	0.1%
Cumberland	1	0.1%
Fulton	1	0.1%
Green	1	0.1%
Hancock	1	0.1%
Johnson	1	0.1%

County	Cases	Percent
Leslie	1	0.1%
Letcher	1	0.1%
Livingston	1	0.1%
Martin	1	0.1%
Monroe	1	0.1%
Pendleton	1	0.1%
Webster	1	0.1%
Wolfe	1	0.1%
Bracken	0	0.0%
Caldwell	0	0.0%
Carter	0	0.0%
Edmonson	0	0.0%
Elliott	0	0.0%
Estill	0	0.0%
Fleming	0	0.0%
Gallatin	0	0.0%
Hickman	0	0.0%
Lee	0	0.0%
McLean	0	0.0%
Magoffin	0	0.0%
Marshall	0	0.0%
Menifee	0	0.0%
Metcalfe	0	0.0%
Nicholas	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%
Trigg	0	0.0%
Union	0	0.0%
Wayne	0	0.0%

Total New Cases
819

Total Deaths by County

County	Deaths	Percent
Jefferson	881	17.5%
Fayette	246	4.9%
Daviess	162	3.2%
Warren	143	2.8%
Kenton	136	2.7%
Hopkins	127	2.5%
Hardin	109	2.2%
Madison	90	1.8%
Pulaski	86	1.7%
Boone	83	1.7%
Christian	83	1.7%
McCracken	81	1.6%
Graves	76	1.5%
Barren	72	1.4%
Harlan	72	1.4%
Oldham	70	1.4%
Pike	63	1.3%
Henderson	60	1.2%
Jessamine	55	1.1%
Logan	55	1.1%
Shelby	52	1.0%
Bullitt	51	1.0%
Muhlenberg	51	1.0%
Adair	50	1.0%
Campbell	50	1.0%
Marshall	49	1.0%
Boyd	48	1.0%
Grayson	48	1.0%
Ohio	48	1.0%
Perry	47	0.9%

County	Deaths	Percent
Floyd	45	0.9%
Boyle	44	0.9%
Nelson	44	0.9%
Wayne	42	0.8%
Calloway	39	0.8%
Mercer	38	0.8%
Monroe	38	0.8%
Russell	38	0.8%
Bell	37	0.7%
Greenup	36	0.7%
Laurel	36	0.7%
Lincoln	36	0.7%
Hart	34	0.7%
Letcher	34	0.7%
Casey	33	0.7%
Franklin	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%
Clark	25	0.5%

County	Deaths	Percent
McLean	25	0.5%
Whitley	25	0.5%
Carter	24	0.5%
Todd	24	0.5%
Butler	23	0.5%
Caldwell	23	0.5%
Larue	22	0.4%
Gallatin	21	0.4%
Metcalfe	21	0.4%
Johnson	20	0.4%
Knott	20	0.4%
Lawrence	20	0.4%
Bath	19	0.4%
Edmonson	19	0.4%
Lee	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%
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%
Martin	14	0.3%

County	Deaths	Percent
Menifee	14	0.3%
Green	13	0.3%
Robertson	13	0.3%
Spencer	13	0.3%
Union	13	0.3%
Harrison	12	0.2%
Carroll	10	0.2%
Owsley	10	0.2%
Breckinridge	9	0.2%
Fulton	9	0.2%
Trigg	9	0.2%
Bourbon	8	0.2%
Cumberland	8	0.2%
Henry	8	0.2%
Owen	8	0.2%
Ballard	7	0.1%
Breathitt	7	0.1%
Hickman	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%
Magoffin	2	0.0%
Morgan	1	0.0%
Pendleton	1	0.0%

Total Deaths
5,029

Incidence Rates by County

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

County	Rate
Lyon	788.2
Knox	43.6
Clay	34.5
Owsley	32.4
Laurel	28.4
Carroll	26.9
Butler	26.6
Powell	25.4
Trimble	25.3
Simpson	23.8
Bell	22.0
Carter	20.8
Green	19.6
Hopkins	19.5
McCreary	19.1
Larue	18.9
Adair	18.6
Whitley	17.7
Harlan	17.6
Bath	17.1
Allen	16.8
Ohio	16.7
Rowan	16.4
Taylor	16.1
Barren	15.5
Rockcastle	15.4
Scott	15.3
Pulaski	15.2
Morgan	15.0
Pendleton	14.7

County	Rate
Clark	14.6
Lewis	14.0
Todd	13.9
Garrard	13.7
Nelson	13.6
Russell	13.6
Mason	13.4
Henry	13.3
Lawrence	13.1
Greenup	13.0
Jackson	12.9
Fayette	12.8
Breathitt	12.4
Daviess	12.0
Warren	11.9
Nicholas	11.8
Boone	11.7
Jessamine	11.6
Casey	11.5
Caldwell	11.2
Kenton	11.2
Jefferson	11.1
Estill	11.1
Logan	11.1
Campbell	10.8
Madison	10.8
Anderson	10.7
Harrison	10.6
Wayne	10.5
Bullitt	10.5

County	Rate
Christian	10.3
Grayson	10.3
Oldham	10.3
Martin	10.2
Boyle	10.0
Pike	9.9
Hancock	9.8
Franklin	9.8
Hart	9.8
Grant	9.7
Washington	9.4
Edmonson	9.4
Montgomery	9.1
Mercer	9.1
Shelby	9.0
Carlisle	9.0
Perry	8.9
Floyd	8.8
Hardin	8.6
Woodford	8.5
Metcalfe	8.5
Spencer	8.1
Gallatin	8.1
Monroe	8.0
Wolfe	8.0
Henderson	7.9
McCracken	7.9
Fleming	7.8
Graves	7.7
Marshall	7.3

County	Rate
Boyd	7.3
Leslie	7.2
Bracken	6.9
Robertson	6.8
Webster	6.6
Muhlenberg	6.5
Meade	6.5
Bourbon	6.5
Lincoln	6.4
Marion	5.9
Clinton	5.6
Calloway	5.5
Johnson	5.2
Breckinridge	4.9
Crittenden	4.9
Knott	4.8
Fulton	4.8
Livingston	4.7
McLean	4.7
Cumberland	4.3
Letcher	4.0
Elliott	3.8
Ballard	3.6
Trigg	2.9
Menifee	2.2
Lee	1.9
Owen	1.3
Magoffin	1.2
Union	0.0
Hickman	0.0

Current Overall Incidence Rate
13.32 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.