

KY COVID-19 Report 03MAR21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	407,373	312,179	95,194
Deaths	4,704	4,267	437
New Cases	1,175	651	524
New Cases 18 and Under	170	78	92
New Deaths	33	26	7

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
17,096	4.2%	0-9	0.0%	1
42,723	10.5%	10-19	0.0%	1
73,769	18.1%	20-29	0.1%	3
62,782	15.4%	30-39	0.6%	29
61,538	15.1%	40-49	1.7%	82
59,131	14.5%	50-59	6.1%	286
45,454	11.2%	60-69	17.5%	825
27,244	6.7%	70-79	28.0%	1,317
17,433	4.3%	80+	45.9%	2,160
203	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
823	0.3%	American Indian	0.1%	4
3,624	1.2%	Asian	0.5%	22
26,476	8.5%	Black	8.5%	369
374	0.1%	Pacific Islander	0.0%	2
263,025	84.8%	White	88.3%	3,838
15,899	5.1%	Multiracial	2.6%	112

Cases	Case Percent	Ethnicity	Death Percent	Deaths
17,329	5.5%	Hispanic	1.7%	71
297,396	94.5%	Non-Hispanic	98.3%	4,116

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 76.2% of cases and 92.4% of deaths
Ethnicity known for 77.3% of cases and 89.0% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	45,209	11.1%
Deaths	2,358	50.1%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
3,271	71,157	4.60%

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
4,548,986	3,940,366	111,611	497,009	297,792	250,725	9,793	37,274

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	19,304	4.74%
Ever ICU	4,008	0.98%
Recovered	47,927	11.76%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	680
ICU	175
On Ventilator	79

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,607	4,683	64.8%
ICU Beds	1,120	683	62.1%
Ventilators	514	1,258	29.0%

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	28	9	5	3.5%	8.8%	5.1%	59.60%	62.75%	22.22%
Region 2	26	6	3	3.2%	4.9%	3.5%	56.80%	54.10%	26.74%
Region 3	254	63	28	6.7%	12.1%	6.4%	64.14%	55.66%	33.18%
Region 4	33	8	5	3.9%	7.4%	4.4%	56.34%	75.00%	14.91%
Region 5	113	24	11	4.1%	5.8%	2.2%	69.69%	61.54%	34.55%
Region 6	76	18	7	5.9%	10.3%	6.4%	79.03%	52.00%	42.20%
Region 7	27	6	3	4.3%	9.4%	2.5%	63.00%	67.19%	8.26%
Region 8	62	21	10	5.2%	15.4%	6.7%	57.06%	84.56%	29.53%
Region 9	43	9	3	6.5%	7.9%	3.0%	72.67%	61.40%	17.00%
Region 10	18	11	4	3.8%	24.4%	6.5%	50.84%	97.78%	30.65%

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	73,419	18.0%
Fayette	32,789	8.0%
Kenton	14,988	3.7%
Warren	14,606	3.6%
Boone	12,608	3.1%
Daviess	9,761	2.4%
Hardin	8,892	2.2%
Madison	8,695	2.1%
Campbell	7,814	1.9%
Oldham	6,964	1.7%
Christian	6,242	1.5%
Bullitt	6,204	1.5%
Laurel	5,878	1.4%
McCracken	5,825	1.4%
Pulaski	5,794	1.4%
Pike	5,173	1.3%
Boyd	4,653	1.1%
Nelson	4,612	1.1%
Shelby	4,365	1.1%
Henderson	4,336	1.1%
Whitley	4,278	1.1%
Jessamine	4,197	1.0%
Scott	4,115	1.0%
Barren	4,061	1.0%
Graves	3,964	1.0%
Hopkins	3,955	1.0%
Franklin	3,668	0.9%
Calloway	3,397	0.8%
Greenup	3,333	0.8%
Boyle	3,162	0.8%

County	Cases	Percent
Floyd	3,045	0.7%
Knox	2,951	0.7%
Taylor	2,806	0.7%
Bell	2,764	0.7%
Muhlenberg	2,746	0.7%
Marshall	2,548	0.6%
Logan	2,509	0.6%
Clay	2,439	0.6%
Clark	2,429	0.6%
Harlan	2,398	0.6%
Mercer	2,367	0.6%
Perry	2,348	0.6%
Montgomery	2,311	0.6%
Ohio	2,301	0.6%
Marion	2,160	0.5%
Lincoln	2,129	0.5%
Grant	2,072	0.5%
Morgan	2,038	0.5%
Carter	2,020	0.5%
Wayne	2,010	0.5%
Woodford	1,989	0.5%
Grayson	1,967	0.5%
Rowan	1,959	0.5%
Meade	1,870	0.5%
Hart	1,838	0.5%
Allen	1,808	0.4%
Johnson	1,808	0.4%
McCreary	1,778	0.4%
Letcher	1,705	0.4%
Russell	1,688	0.4%

County	Cases	Percent
Simpson	1,688	0.4%
Anderson	1,627	0.4%
Adair	1,608	0.4%
Bourbon	1,555	0.4%
Harrison	1,514	0.4%
Spencer	1,512	0.4%
Mason	1,456	0.4%
Garrard	1,400	0.3%
Clinton	1,365	0.3%
Caldwell	1,360	0.3%
Rockcastle	1,358	0.3%
Washington	1,340	0.3%
Butler	1,321	0.3%
Union	1,270	0.3%
Lawrence	1,269	0.3%
Monroe	1,248	0.3%
Henry	1,234	0.3%
Larue	1,224	0.3%
Jackson	1,212	0.3%
Casey	1,203	0.3%
Lee	1,200	0.3%
Webster	1,165	0.3%
Trigg	1,121	0.3%
Green	1,108	0.3%
Breckinridge	1,106	0.3%
Lewis	1,099	0.3%
Fleming	1,086	0.3%
Knott	1,059	0.3%
Todd	1,010	0.2%
Powell	979	0.2%

County	Cases	Percent
Estill	976	0.2%
Metcalfe	973	0.2%
Pendleton	946	0.2%
Martin	938	0.2%
Elliott	932	0.2%
Breathitt	921	0.2%
Carroll	891	0.2%
Magoffin	879	0.2%
McLean	837	0.2%
Edmonson	823	0.2%
Hancock	805	0.2%
Leslie	801	0.2%
Bath	774	0.2%
Livingston	766	0.2%
Lyon	702	0.2%
Cumberland	658	0.2%
Gallatin	651	0.2%
Owen	626	0.2%
Trimble	608	0.1%
Crittenden	568	0.1%
Bracken	523	0.1%
Fulton	482	0.1%
Nicholas	461	0.1%
Wolfe	435	0.1%
Carlisle	434	0.1%
Owsley	432	0.1%
Menifee	412	0.1%
Ballard	350	0.1%
Hickman	325	0.1%
Robertson	190	0.0%

Total Cases
407,373

New Cases by County

County	Cases	Percent
Jefferson	180	15.3%
Kenton	65	5.5%
Fayette	54	4.6%
Boone	48	4.1%
Campbell	46	3.9%
Scott	35	3.0%
Hardin	32	2.7%
McCracken	25	2.1%
McCreary	25	2.1%
Madison	24	2.0%
Oldham	24	2.0%
Pulaski	22	1.9%
Grant	21	1.8%
Laurel	21	1.8%
Daviess	20	1.7%
Jessamine	20	1.7%
Warren	20	1.7%
Wayne	19	1.6%
Bullitt	17	1.4%
Franklin	17	1.4%
Knox	17	1.4%
Rowan	16	1.4%
Lincoln	14	1.2%
Barren	13	1.1%
Taylor	13	1.1%
Clark	12	1.0%
Nelson	12	1.0%
Perry	12	1.0%
Pike	12	1.0%
Shelby	12	1.0%

County	Cases	Percent
Logan	11	0.9%
Simpson	11	0.9%
Whitley	11	0.9%
Lawrence	10	0.9%
Boyd	9	0.8%
Adair	8	0.7%
Carter	8	0.7%
Christian	8	0.7%
Clay	8	0.7%
Green	7	0.6%
Greenup	7	0.6%
Henderson	7	0.6%
Johnson	7	0.6%
Meade	7	0.6%
Bell	6	0.5%
Caldwell	6	0.5%
Grayson	6	0.5%
Leslie	6	0.5%
Letcher	6	0.5%
Mason	6	0.5%
Muhlenberg	6	0.5%
Ohio	6	0.5%
Russell	6	0.5%
Spencer	6	0.5%
Harrison	5	0.4%
Hopkins	5	0.4%
Knott	5	0.4%
Marion	5	0.4%
Marshall	5	0.4%
Anderson	4	0.3%

County	Cases	Percent
Breckinridge	4	0.3%
Clinton	4	0.3%
Henry	4	0.3%
Larue	4	0.3%
Livingston	4	0.3%
Mercer	4	0.3%
Montgomery	4	0.3%
Pendleton	4	0.3%
Washington	4	0.3%
Bourbon	3	0.3%
Floyd	3	0.3%
Graves	3	0.3%
Hart	3	0.3%
Lee	3	0.3%
Magoffin	3	0.3%
Woodford	3	0.3%
Allen	2	0.2%
Bracken	2	0.2%
Butler	2	0.2%
Calloway	2	0.2%
Casey	2	0.2%
Harlan	2	0.2%
Lyon	2	0.2%
Metcalfe	2	0.2%
Nicholas	2	0.2%
Owsley	2	0.2%
Powell	2	0.2%
Rockcastle	2	0.2%
Trimble	2	0.2%
Wolfe	2	0.2%

County	Cases	Percent
Breathitt	1	0.1%
Carlisle	1	0.1%
Carroll	1	0.1%
Crittenden	1	0.1%
Cumberland	1	0.1%
Edmonson	1	0.1%
Fleming	1	0.1%
Gallatin	1	0.1%
Garrard	1	0.1%
Hickman	1	0.1%
McLean	1	0.1%
Owen	1	0.1%
Todd	1	0.1%
Union	1	0.1%
Ballard	0	0.0%
Bath	0	0.0%
Boyle	0	0.0%
Elliott	0	0.0%
Estill	0	0.0%
Fulton	0	0.0%
Hancock	0	0.0%
Jackson	0	0.0%
Lewis	0	0.0%
Martin	0	0.0%
Menifee	0	0.0%
Monroe	0	0.0%
Morgan	0	0.0%
Robertson	0	0.0%
Trigg	0	0.0%
Webster	0	0.0%

Total New Cases
1,175

Total Deaths by County

County	Deaths	Percent
Jefferson	831	17.7%
Fayette	227	4.8%
Daviess	161	3.4%
Warren	138	2.9%
Kenton	127	2.7%
Hopkins	126	2.7%
Hardin	96	2.0%
Madison	89	1.9%
Pulaski	80	1.7%
Boone	79	1.7%
Christian	76	1.6%
Barren	71	1.5%
Graves	71	1.5%
McCracken	71	1.5%
Harlan	69	1.5%
Oldham	69	1.5%
Pike	60	1.3%
Henderson	57	1.2%
Jessamine	53	1.1%
Logan	51	1.1%
Shelby	51	1.1%
Adair	50	1.1%
Bullitt	49	1.0%
Muhlenberg	49	1.0%
Grayson	48	1.0%
Marshall	48	1.0%
Campbell	47	1.0%
Ohio	47	1.0%
Boyd	44	0.9%
Floyd	43	0.9%

County	Deaths	Percent
Nelson	41	0.9%
Wayne	40	0.9%
Calloway	38	0.8%
Monroe	38	0.8%
Perry	38	0.8%
Russell	38	0.8%
Boyle	37	0.8%
Bell	35	0.7%
Casey	33	0.7%
Hart	33	0.7%
Lincoln	33	0.7%
Mercer	33	0.7%
Laurel	31	0.7%
Lewis	31	0.7%
Taylor	31	0.7%
Letcher	30	0.6%
Simpson	30	0.6%
Washington	30	0.6%
Franklin	29	0.6%
Jackson	29	0.6%
Mason	27	0.6%
Clay	26	0.6%
Clinton	26	0.6%
Scott	26	0.6%
McLean	25	0.5%
Marion	24	0.5%
Montgomery	24	0.5%
Todd	24	0.5%
Butler	23	0.5%
Caldwell	23	0.5%

County	Deaths	Percent
Carter	23	0.5%
Clark	23	0.5%
Greenup	23	0.5%
Allen	22	0.5%
McCreary	22	0.5%
Whitley	21	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%
Webster	18	0.4%
Crittenden	17	0.4%
Knott	17	0.4%
Livingston	17	0.4%
Anderson	16	0.3%
Bath	16	0.3%
Larue	16	0.3%
Meade	16	0.3%
Rockcastle	15	0.3%
Fleming	14	0.3%
Grant	14	0.3%
Hancock	14	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	0.1%
Hickman	7	0.1%
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
4,704

Incidence Rates by County

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

County	Rate
Lyon	200.1
Caldwell	140.1
Taylor	53.2
McCreary	50.6
Clay	48.8
Knox	44.0
Green	40.5
Owsley	38.8
Russell	38.3
Adair	37.9
Whitley	37.4
Simpson	34.6
Robertson	33.9
Bell	29.6
Mason	28.5
Lawrence	28.0
Jessamine	27.2
Laurel	23.7
Logan	23.7
Larue	22.8
Clinton	22.4
Pulaski	22.0
Johnson	21.9
Hardin	21.9
Martin	21.7
Cumberland	21.6
Pendleton	21.5
Wayne	21.1
Madison	20.7
Rockcastle	20.5

County	Rate
Muhlenberg	20.5
Hart	20.3
Trimble	20.2
Bourbon	20.2
Pike	20.0
Grant	19.9
Metcalfe	19.9
Ohio	19.6
Jackson	19.3
Daviess	18.9
Carroll	18.8
Scott	18.5
Jefferson	18.4
Barren	18.4
Boone	18.4
Shelby	18.4
Fayette	18.3
Floyd	18.1
Crittenden	17.8
Marshall	17.5
Grayson	17.3
Bullitt	17.0
Warren	16.9
Henry	16.8
Butler	16.6
Washington	16.5
Anderson	16.3
Kenton	16.0
Bracken	15.5
Hopkins	15.3

County	Rate
Calloway	14.7
Lincoln	14.5
Knott	14.5
Oldham	14.3
Harlan	14.3
Nelson	14.2
Montgomery	14.2
Estill	14.2
Rowan	14.0
Carter	13.9
Garrard	13.7
Marion	13.3
Perry	13.3
Campbell	13.3
Leslie	13.0
Powell	12.7
Meade	12.5
Livingston	12.4
Casey	12.4
Allen	12.1
McCracken	12.0
Boyd	11.9
Greenup	11.4
Harrison	11.3
Letcher	11.3
Woodford	11.2
Spencer	11.1
Mercer	11.1
Morgan	10.7
Breckinridge	10.5

County	Rate
Boyle	10.5
Bath	10.3
Breathitt	10.2
Christian	10.1
Hickman	9.8
Gallatin	9.7
Fulton	9.6
Clark	9.5
McLean	9.3
Fleming	8.8
Menifee	8.8
Lewis	8.6
Graves	8.4
Edmonson	8.2
Henderson	8.2
Wolfe	8.0
Nicholas	7.9
Elliott	7.6
Todd	7.0
Franklin	6.7
Carlisle	6.0
Trigg	5.9
Lee	5.8
Owen	5.2
Union	5.0
Hancock	4.9
Magoffin	4.7
Ballard	3.6
Webster	3.3
Monroe	2.7

Current Overall Incidence Rate
18.42 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.