

KY COVID-19 Report 10MAR21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	412,924	315,777	97,147
Deaths	4,884	4,429	455
New Cases	1,010	618	392
New Cases 18 and Under	170	88	82
New Deaths	34	33	1

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
17,405	4.2%	0-9	0.0%	1
43,395	10.5%	10-19	0.0%	1
74,752	18.1%	20-29	0.1%	3
63,666	15.4%	30-39	0.6%	30
62,367	15.1%	40-49	1.8%	87
59,965	14.5%	50-59	6.1%	300
46,009	11.1%	60-69	17.4%	848
27,569	6.7%	70-79	28.1%	1,373
17,593	4.3%	80+	45.9%	2,241
203	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
835	0.2%	American Indian	0.1%	4
3,698	1.1%	Asian	0.5%	24
27,023	8.0%	Black	8.3%	377
374	0.1%	Pacific Islander	0.0%	2
288,258	85.7%	White	88.4%	4,035
16,347	4.9%	Multiracial	2.6%	120

Cases	Case Percent	Ethnicity	Death Percent	Deaths
17,545	5.5%	Hispanic	1.7%	74
302,258	94.5%	Non-Hispanic	98.3%	4,278

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 81.5% of cases and 93.4% of deaths
Ethnicity known for 77.4% of cases and 89.1% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	45,590	11.0%
Deaths	2,364	48.4%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
2,515	63,925	3.93%

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
4,628,055	3,992,578	112,176	523,301	300,778	252,829	10,051	37,898

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	19,592	4.74%
Ever ICU	4,062	0.98%
Recovered	48,344	11.71%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	524
ICU	138
On Ventilator	75

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,235	5,067	61.9%
ICU Beds	1,086	717	60.2%
Ventilators	521	1,221	29.9%

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	19	14	5	2.4%	13.7%	5.1%	52.90%	60.78%	16.16%
Region 2	13	5	3	1.6%	4.1%	3.5%	57.65%	54.92%	23.26%
Region 3	198	42	27	5.2%	8.1%	6.2%	60.37%	56.05%	37.84%
Region 4	29	5	1	3.4%	4.6%	0.9%	53.99%	68.52%	15.79%
Region 5	100	26	15	3.6%	6.3%	3.0%	70.24%	62.98%	37.73%
Region 6	40	10	8	3.1%	5.7%	9.9%	73.10%	44.57%	37.04%
Region 7	22	4	2	3.5%	6.3%	1.7%	61.40%	62.50%	8.26%
Region 8	44	13	8	3.7%	9.6%	5.4%	57.81%	80.88%	30.20%
Region 9	45	9	2	6.8%	7.9%	2.0%	56.61%	53.51%	11.88%
Region 10	14	10	4	3.0%	22.2%	6.5%	50.42%	88.89%	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 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	74,284	18.0%
Fayette	33,170	8.0%
Kenton	15,187	3.7%
Warren	14,733	3.6%
Boone	12,772	3.1%
Daviess	9,851	2.4%
Hardin	8,995	2.2%
Madison	8,784	2.1%
Campbell	7,922	1.9%
Oldham	7,072	1.7%
Bullitt	6,349	1.5%
Christian	6,278	1.5%
Laurel	6,009	1.5%
McCracken	5,928	1.4%
Pulaski	5,868	1.4%
Pike	5,238	1.3%
Boyd	4,683	1.1%
Nelson	4,650	1.1%
Shelby	4,416	1.1%
Henderson	4,357	1.1%
Whitley	4,342	1.1%
Scott	4,292	1.0%
Jessamine	4,255	1.0%
Barren	4,114	1.0%
Hopkins	3,993	1.0%
Graves	3,990	1.0%
Franklin	3,777	0.9%
Calloway	3,413	0.8%
Greenup	3,365	0.8%
Boyle	3,188	0.8%

County	Cases	Percent
Floyd	3,082	0.7%
Knox	3,012	0.7%
Taylor	2,841	0.7%
Bell	2,819	0.7%
Muhlenberg	2,783	0.7%
Marshall	2,586	0.6%
Logan	2,553	0.6%
Clay	2,480	0.6%
Clark	2,460	0.6%
Harlan	2,433	0.6%
Perry	2,408	0.6%
Mercer	2,383	0.6%
Montgomery	2,340	0.6%
Ohio	2,330	0.6%
Marion	2,169	0.5%
Lincoln	2,136	0.5%
Grant	2,118	0.5%
Carter	2,066	0.5%
Wayne	2,049	0.5%
Morgan	2,045	0.5%
Rowan	2,024	0.5%
Woodford	2,012	0.5%
Grayson	1,986	0.5%
Meade	1,885	0.5%
Hart	1,855	0.4%
Allen	1,827	0.4%
Johnson	1,825	0.4%
McCreary	1,802	0.4%
Russell	1,728	0.4%
Letcher	1,722	0.4%

County	Cases	Percent
Simpson	1,707	0.4%
Anderson	1,648	0.4%
Adair	1,638	0.4%
Bourbon	1,578	0.4%
Harrison	1,552	0.4%
Spencer	1,515	0.4%
Mason	1,473	0.4%
Garrard	1,418	0.3%
Clinton	1,394	0.3%
Rockcastle	1,377	0.3%
Washington	1,366	0.3%
Caldwell	1,363	0.3%
Butler	1,335	0.3%
Lawrence	1,292	0.3%
Union	1,281	0.3%
Henry	1,256	0.3%
Monroe	1,249	0.3%
Larue	1,242	0.3%
Casey	1,225	0.3%
Jackson	1,224	0.3%
Lee	1,208	0.3%
Webster	1,170	0.3%
Green	1,133	0.3%
Trigg	1,132	0.3%
Breckinridge	1,115	0.3%
Lewis	1,106	0.3%
Fleming	1,096	0.3%
Knott	1,084	0.3%
Todd	1,015	0.2%
Lyon	1,012	0.2%

County	Cases	Percent
Powell	997	0.2%
Estill	990	0.2%
Metcalfe	979	0.2%
Pendleton	961	0.2%
Martin	954	0.2%
Breathitt	942	0.2%
Elliott	932	0.2%
Carroll	920	0.2%
Magoffin	881	0.2%
McLean	841	0.2%
Edmonson	828	0.2%
Leslie	821	0.2%
Hancock	810	0.2%
Bath	793	0.2%
Livingston	774	0.2%
Cumberland	662	0.2%
Gallatin	660	0.2%
Owen	628	0.2%
Trimble	615	0.1%
Crittenden	573	0.1%
Bracken	530	0.1%
Fulton	488	0.1%
Nicholas	473	0.1%
Wolfe	445	0.1%
Owsley	443	0.1%
Carlisle	442	0.1%
Menifee	414	0.1%
Ballard	356	0.1%
Hickman	332	0.1%
Robertson	194	0.0%

Total Cases
412,924

New Cases by County

County	Cases	Percent
Jefferson	130	12.9%
Lyon	93	9.2%
Fayette	55	5.4%
Scott	41	4.1%
Kenton	39	3.9%
Pulaski	32	3.2%
Warren	32	3.2%
McCracken	27	2.7%
Boone	24	2.4%
Laurel	24	2.4%
Oldham	23	2.3%
Carter	19	1.9%
Daviess	18	1.8%
Campbell	16	1.6%
Barren	15	1.5%
Hardin	13	1.3%
Harrison	13	1.3%
Taylor	13	1.3%
Adair	12	1.2%
Christian	12	1.2%
Franklin	12	1.2%
Madison	12	1.2%
Bullitt	11	1.1%
Greenup	11	1.1%
Knox	11	1.1%
Clay	10	1.0%
Grant	10	1.0%
Shelby	10	1.0%
Rowan	9	0.9%
Montgomery	8	0.8%

County	Cases	Percent
Perry	8	0.8%
Russell	8	0.8%
Wayne	8	0.8%
Casey	7	0.7%
Marshall	7	0.7%
Whitley	7	0.7%
Carroll	6	0.6%
Harlan	6	0.6%
Hopkins	6	0.6%
Jessamine	6	0.6%
Knott	6	0.6%
Logan	6	0.6%
McCreary	6	0.6%
Muhlenberg	6	0.6%
Pike	6	0.6%
Bath	5	0.5%
Bell	5	0.5%
Fleming	5	0.5%
Meade	5	0.5%
Nelson	5	0.5%
Ohio	5	0.5%
Woodford	5	0.5%
Anderson	4	0.4%
Boyd	4	0.4%
Breckinridge	4	0.4%
Garrard	4	0.4%
Grayson	4	0.4%
Green	4	0.4%
Nicholas	4	0.4%
Powell	4	0.4%

County	Cases	Percent
Rockcastle	4	0.4%
Simpson	4	0.4%
Trimble	4	0.4%
Allen	3	0.3%
Boyle	3	0.3%
Breathitt	3	0.3%
Caldwell	3	0.3%
Calloway	3	0.3%
Floyd	3	0.3%
Graves	3	0.3%
Hancock	3	0.3%
Henderson	3	0.3%
Jackson	3	0.3%
Letcher	3	0.3%
Todd	3	0.3%
Bracken	2	0.2%
Butler	2	0.2%
Clark	2	0.2%
Clinton	2	0.2%
Edmonson	2	0.2%
Estill	2	0.2%
Hart	2	0.2%
Henry	2	0.2%
Larue	2	0.2%
Lawrence	2	0.2%
Lewis	2	0.2%
Morgan	2	0.2%
Pendleton	2	0.2%
Washington	2	0.2%
Wolfe	2	0.2%

County	Cases	Percent
Crittenden	1	0.1%
Cumberland	1	0.1%
Fulton	1	0.1%
Lee	1	0.1%
Leslie	1	0.1%
Lincoln	1	0.1%
Martin	1	0.1%
Mason	1	0.1%
Metcalfe	1	0.1%
Owsley	1	0.1%
Spencer	1	0.1%
Ballard	0	0.0%
Bourbon	0	0.0%
Carlisle	0	0.0%
Elliott	0	0.0%
Gallatin	0	0.0%
Hickman	0	0.0%
Johnson	0	0.0%
Livingston	0	0.0%
McLean	0	0.0%
Magoffin	0	0.0%
Marion	0	0.0%
Menifee	0	0.0%
Mercer	0	0.0%
Monroe	0	0.0%
Owen	0	0.0%
Robertson	0	0.0%
Trigg	0	0.0%
Union	0	0.0%
Webster	0	0.0%

Total New Cases
1,010

Total Deaths by County

County	Deaths	Percent
Jefferson	861	17.6%
Fayette	235	4.8%
Daviess	162	3.3%
Warren	139	2.8%
Kenton	132	2.7%
Hopkins	127	2.6%
Hardin	101	2.1%
Madison	90	1.8%
Pulaski	83	1.7%
Boone	81	1.7%
Christian	77	1.6%
McCracken	77	1.6%
Graves	76	1.6%
Barren	71	1.5%
Harlan	71	1.5%
Oldham	69	1.4%
Pike	61	1.2%
Henderson	60	1.2%
Jessamine	55	1.1%
Logan	53	1.1%
Shelby	51	1.0%
Adair	50	1.0%
Muhlenberg	50	1.0%
Bullitt	49	1.0%
Marshall	49	1.0%
Grayson	48	1.0%
Boyd	47	1.0%
Campbell	47	1.0%
Ohio	47	1.0%
Floyd	45	0.9%

County	Deaths	Percent
Nelson	43	0.9%
Perry	42	0.9%
Wayne	41	0.8%
Boyle	40	0.8%
Calloway	38	0.8%
Monroe	38	0.8%
Russell	38	0.8%
Bell	36	0.7%
Mercer	35	0.7%
Hart	34	0.7%
Laurel	34	0.7%
Lincoln	34	0.7%
Casey	33	0.7%
Taylor	33	0.7%
Greenup	32	0.7%
Letcher	32	0.7%
Franklin	31	0.6%
Lewis	31	0.6%
Washington	31	0.6%
Simpson	30	0.6%
Jackson	29	0.6%
Clay	28	0.6%
Mason	28	0.6%
Allen	26	0.5%
Clinton	26	0.5%
Marion	26	0.5%
Scott	26	0.5%
Clark	25	0.5%
McCreary	25	0.5%
McLean	25	0.5%

County	Deaths	Percent
Carter	24	0.5%
Montgomery	24	0.5%
Todd	24	0.5%
Butler	23	0.5%
Caldwell	23	0.5%
Whitley	22	0.5%
Gallatin	20	0.4%
Lawrence	20	0.4%
Metcalfe	20	0.4%
Edmonson	19	0.4%
Knott	19	0.4%
Lee	19	0.4%
Garrard	18	0.4%
Johnson	18	0.4%
Larue	18	0.4%
Livingston	18	0.4%
Webster	18	0.4%
Anderson	17	0.3%
Bath	17	0.3%
Crittenden	17	0.3%
Meade	17	0.3%
Rockcastle	15	0.3%
Woodford	15	0.3%
Fleming	14	0.3%
Grant	14	0.3%
Hancock	14	0.3%
Knox	14	0.3%
Menifee	14	0.3%
Rowan	14	0.3%
Green	13	0.3%

County	Deaths	Percent
Lyon	13	0.3%
Robertson	13	0.3%
Spencer	13	0.3%
Union	13	0.3%
Harrison	12	0.2%
Martin	12	0.2%
Carroll	10	0.2%
Owsley	10	0.2%
Breckinridge	9	0.2%
Fulton	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%
Nicholas	6	0.1%
Ballard	5	0.1%
Bracken	5	0.1%
Wolfe	5	0.1%
Carlisle	4	0.1%
Estill	3	0.1%
Powell	3	0.1%
Trimble	3	0.1%
Elliott	2	0.0%
Leslie	2	0.0%
Magoffin	2	0.0%
Morgan	1	0.0%
Pendleton	1	0.0%

Total Deaths
4,884

Incidence Rates by County

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

County	Rate
Lyon	509.8
Carroll	34.9
Rowan	34.5
Clinton	33.6
Bell	30.7
Laurel	29.8
Washington	29.5
Clay	29.4
Knox	26.6
Owsley	25.9
Caldwell	23.5
Lawrence	22.4
Logan	22.1
Scott	22.1
Carter	20.8
Robertson	20.3
Powell	19.7
Green	19.6
Breathitt	19.2
Martin	19.1
Knott	17.4
Muhlenberg	16.8
Ohio	16.7
Whitley	16.5
Harlan	16.5
Adair	16.4
Franklin	16.2
Simpson	16.2
Gallatin	16.1
Henry	15.9

County	Rate
Larue	15.9
Bourbon	15.2
Boone	15.0
Jefferson	14.5
Barren	14.5
Taylor	14.4
Harrison	14.4
Fayette	14.3
Mason	14.2
Wayne	14.1
Hardin	13.8
Bath	13.7
Pendleton	13.7
Shelby	13.7
Rockcastle	13.7
Grant	13.7
Pulaski	13.6
Pike	13.6
Trimble	13.5
Butler	13.3
McCreary	13.3
Jessamine	13.2
Anderson	13.2
Warren	13.1
Greenup	13.0
Jackson	12.9
Bullitt	12.8
Allen	12.7
Montgomery	12.7
Kenton	12.7

County	Rate
Campbell	12.4
Garrard	12.1
Madison	12.0
Daviess	11.8
Nicholas	11.8
Oldham	11.8
Nelson	11.7
Russell	11.2
Boyle	10.9
Hart	10.5
Spencer	10.3
Bracken	10.3
Leslie	10.1
Marshall	10.1
Hancock	9.8
Fleming	9.8
Crittenden	9.7
Casey	9.7
Woodford	9.6
Fulton	9.6
Perry	9.4
Todd	9.3
Hopkins	9.3
Grayson	9.2
Clark	9.1
Union	8.9
Floyd	8.8
Morgan	8.6
Estill	8.1
Wolfe	8.0

County	Rate
Mercer	7.8
Livingston	7.8
Johnson	7.7
Metcalfe	7.1
McCracken	7.0
Trigg	6.8
Marion	6.7
Letcher	6.6
Menifee	6.6
Owen	6.6
Hickman	6.5
Graves	6.5
Christian	6.5
Lewis	6.5
McLean	6.2
Boyd	6.1
Carlisle	6.0
Lee	5.8
Ballard	5.4
Henderson	5.4
Meade	5.0
Edmonson	4.7
Calloway	4.4
Cumberland	4.3
Breckinridge	4.2
Webster	3.3
Lincoln	2.9
Elliott	1.9
Monroe	1.3
Magoffin	0.0

Current Overall Incidence Rate
14.29 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.