

KY COVID-19 Report

28JUL21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	479,431	358,678	120,753
Deaths	7,325	6,565	760
New Cases	1,593	876	717
New Cases 18 and Under	343	168	175
Total New Deaths	2	2	0

Duplicates and records not meeting case criteria removed since last report: 44

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
22,039	4.6%	0-9	0.0%	1
53,075	11.1%	10-19	0.0%	1
86,954	18.1%	20-29	0.1%	10
74,318	15.5%	30-39	0.5%	40
72,143	15.0%	40-49	2.1%	156
68,814	14.4%	50-59	6.3%	461
51,962	10.8%	60-69	17.3%	1,267
30,710	6.4%	70-79	27.5%	2,015
19,199	4.0%	80+	46.1%	3,374
217	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
999	0.2%	American Indian	0.1%	8
4,336	1.1%	Asian	0.5%	35
33,540	8.3%	Black	8.0%	559
375	0.1%	Pacific Islander	0.0%	3
345,674	85.3%	White	89.0%	6,242
20,268	5.0%	Multiracial	2.4%	170

Cases	Case Percent	Ethnicity	Death Percent	Deaths
20,858	5.4%	Hispanic	1.6%	110
365,347	94.6%	Non-Hispanic	98.4%	6,658

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 84.5% of cases and 95.8% of deaths
 Ethnicity known for 80.6% of cases and 92.4% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
3,636	43,863	8.29%

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
7,156,512	5,637,386	346,839	1,029,606	587,171	422,362	37,141	127,668

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	24,222	5.05%
Ever ICU	4,912	1.02%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	571
ICU	185
On Ventilator	83

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,443	4,808	63.7%
ICU Beds	1,132	683	62.4%
Ventilators	456	1,277	26.3%

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	46	21	11	5.8%	20.6%	11.1%	53.54%	65.69%	22.22%
Region 2	48	14	2	5.8%	11.5%	2.4%	57.16%	56.56%	10.59%
Region 3	130	39	19	3.5%	7.3%	4.3%	69.50%	59.29%	31.07%
Region 4	45	15	6	5.3%	13.9%	5.6%	59.51%	75.00%	19.44%
Region 5	116	34	20	4.2%	8.2%	4.4%	68.86%	66.35%	34.36%
Region 6	37	15	7	2.9%	8.6%	6.5%	65.81%	41.14%	42.06%
Region 7	20	6	1	3.2%	9.4%	0.8%	65.07%	60.94%	6.50%
Region 8	70	17	9	5.8%	12.5%	6.0%	53.55%	78.68%	22.15%
Region 9	43	12	6	6.5%	10.5%	6.0%	58.86%	57.02%	15.00%
Region 10	16	12	2	3.4%	26.7%	3.0%	48.73%	88.89%	14.93%

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	84,777	17.7%
Fayette	37,506	7.8%
Kenton	17,140	3.6%
Warren	16,851	3.5%
Boone	14,751	3.1%
Daviess	11,457	2.4%
Hardin	10,458	2.2%
Madison	9,890	2.1%
Campbell	8,923	1.9%
Laurel	8,024	1.7%
Oldham	7,865	1.6%
Bullitt	7,702	1.6%
Christian	7,247	1.5%
McCracken	7,129	1.5%
Pulaski	6,923	1.4%
Pike	6,129	1.3%
Scott	5,561	1.2%
Boyd	5,293	1.1%
Henderson	5,209	1.1%
Nelson	5,159	1.1%
Hopkins	5,091	1.1%
Shelby	4,907	1.0%
Jessamine	4,898	1.0%
Barren	4,714	1.0%
Graves	4,542	0.9%
Franklin	4,321	0.9%
Whitley	4,304	0.9%
Knox	4,016	0.8%
Greenup	3,881	0.8%
Calloway	3,726	0.8%

County	Cases	Percent
Floyd	3,711	0.8%
Boyle	3,590	0.7%
Muhlenberg	3,355	0.7%
Taylor	3,263	0.7%
Bell	3,256	0.7%
Clark	3,214	0.7%
Logan	3,079	0.6%
Marshall	3,036	0.6%
Harlan	3,031	0.6%
Clay	2,928	0.6%
Perry	2,926	0.6%
Montgomery	2,914	0.6%
Mercer	2,710	0.6%
Grant	2,633	0.5%
Ohio	2,618	0.5%
Carter	2,532	0.5%
Lincoln	2,486	0.5%
Marion	2,451	0.5%
Rowan	2,354	0.5%
Morgan	2,338	0.5%
Grayson	2,337	0.5%
Woodford	2,314	0.5%
Simpson	2,262	0.5%
Wayne	2,256	0.5%
Allen	2,217	0.5%
Johnson	2,182	0.5%
Meade	2,182	0.5%
Hart	2,161	0.5%
Letcher	2,113	0.4%
Adair	2,024	0.4%

County	Cases	Percent
McCreary	2,012	0.4%
Russell	1,908	0.4%
Harrison	1,860	0.4%
Anderson	1,854	0.4%
Bourbon	1,834	0.4%
Mason	1,790	0.4%
Spencer	1,696	0.4%
Rockcastle	1,688	0.4%
Garrard	1,592	0.3%
Lyon	1,570	0.3%
Casey	1,558	0.3%
Washington	1,534	0.3%
Lawrence	1,525	0.3%
Webster	1,518	0.3%
Caldwell	1,517	0.3%
Union	1,510	0.3%
Butler	1,504	0.3%
Clinton	1,462	0.3%
Lewis	1,443	0.3%
Henry	1,436	0.3%
Jackson	1,434	0.3%
Larue	1,401	0.3%
Breckinridge	1,383	0.3%
Powell	1,374	0.3%
Monroe	1,366	0.3%
Trigg	1,349	0.3%
Lee	1,308	0.3%
Fleming	1,283	0.3%
Green	1,267	0.3%
Knott	1,229	0.3%

County	Cases	Percent
Estill	1,210	0.3%
Todd	1,194	0.2%
Metcalfe	1,111	0.2%
Martin	1,102	0.2%
Breathitt	1,080	0.2%
Bath	1,079	0.2%
Pendleton	1,079	0.2%
Carroll	1,057	0.2%
Magoffin	1,046	0.2%
Leslie	998	0.2%
Elliott	997	0.2%
Edmonson	942	0.2%
Livingston	936	0.2%
Hancock	926	0.2%
McLean	925	0.2%
Owen	773	0.2%
Gallatin	765	0.2%
Trimble	727	0.2%
Crittenden	719	0.1%
Cumberland	701	0.1%
Bracken	684	0.1%
Nicholas	616	0.1%
Fulton	554	0.1%
Wolfe	551	0.1%
Owsley	514	0.1%
Carlisle	494	0.1%
Menifee	494	0.1%
Ballard	428	0.1%
Hickman	407	0.1%
Robertson	241	0.1%

Total Cases
479,431

New Cases by County

County	Cases	Percent
Jefferson	171	10.7%
Fayette	112	7.0%
Laurel	55	3.5%
Hopkins	45	2.8%
Warren	44	2.8%
Hardin	40	2.5%
Daviess	36	2.3%
Pulaski	36	2.3%
Henderson	35	2.2%
Boone	34	2.1%
Bullitt	32	2.0%
Floyd	32	2.0%
Christian	29	1.8%
Clay	28	1.8%
Nelson	27	1.7%
Kenton	26	1.6%
Jackson	25	1.6%
Franklin	22	1.4%
McCracken	22	1.4%
Madison	22	1.4%
Whitley	21	1.3%
Calloway	20	1.3%
Hart	20	1.3%
Oldham	20	1.3%
Barren	19	1.2%
Knox	19	1.2%
Muhlenberg	19	1.2%
Simpson	19	1.2%
Carter	18	1.1%
Clark	18	1.1%

County	Cases	Percent
Pike	18	1.1%
Harlan	17	1.1%
Jessamine	17	1.1%
Lincoln	17	1.1%
Perry	17	1.1%
Boyd	16	1.0%
Campbell	14	0.9%
Graves	14	0.9%
Grayson	14	0.9%
Knott	14	0.9%
Bell	13	0.8%
Fleming	12	0.8%
Greenup	12	0.8%
Johnson	12	0.8%
Letcher	12	0.8%
Montgomery	12	0.8%
Adair	11	0.7%
Breckinridge	11	0.7%
Union	11	0.7%
Logan	10	0.6%
Ohio	10	0.6%
Bath	9	0.6%
Grant	9	0.6%
Henry	9	0.6%
Leslie	9	0.6%
Mercer	9	0.6%
Scott	9	0.6%
Boyle	8	0.5%
Marshall	8	0.5%
Shelby	8	0.5%

County	Cases	Percent
Webster	8	0.5%
Allen	7	0.4%
Lewis	7	0.4%
Casey	6	0.4%
Green	6	0.4%
Spencer	6	0.4%
Taylor	6	0.4%
Woodford	6	0.4%
Caldwell	5	0.3%
Carroll	5	0.3%
Mason	5	0.3%
Trimble	5	0.3%
Breathitt	4	0.3%
Garrard	4	0.3%
Lyon	4	0.3%
Martin	4	0.3%
Meade	4	0.3%
Metcalfe	4	0.3%
Nicholas	4	0.3%
Russell	4	0.3%
Washington	4	0.3%
Ballard	3	0.2%
Bourbon	3	0.2%
Butler	3	0.2%
Cumberland	3	0.2%
Edmonson	3	0.2%
Harrison	3	0.2%
Larue	3	0.2%
Lawrence	3	0.2%
Marion	3	0.2%

County	Cases	Percent
Monroe	3	0.2%
Owsley	3	0.2%
Todd	3	0.2%
Estill	2	0.1%
Hancock	2	0.1%
Powell	2	0.1%
Rowan	2	0.1%
Wayne	2	0.1%
Anderson	1	0.1%
Bracken	1	0.1%
Crittenden	1	0.1%
Elliott	1	0.1%
Gallatin	1	0.1%
McCreary	1	0.1%
McLean	1	0.1%
Magoffin	1	0.1%
Pendleton	1	0.1%
Robertson	1	0.1%
Rockcastle	1	0.1%
Carlisle	0	0.0%
Clinton	0	0.0%
Fulton	0	0.0%
Hickman	0	0.0%
Lee	0	0.0%
Livingston	0	0.0%
Menifee	0	0.0%
Morgan	0	0.0%
Owen	0	0.0%
Trigg	0	0.0%
Wolfe	0	0.0%

Total New Cases
1,593

Total Deaths by County

County	Deaths	Percent
Jefferson	1,346	18.4%
Fayette	318	4.3%
Kenton	209	2.9%
Daviess	196	2.7%
Warren	191	2.6%
Hardin	172	2.3%
Hopkins	151	2.1%
Boone	149	2.0%
McCracken	135	1.8%
Pulaski	116	1.6%
Madison	113	1.5%
Pike	112	1.5%
Christian	108	1.5%
Barren	104	1.4%
Graves	98	1.3%
Harlan	93	1.3%
Oldham	85	1.2%
Bullitt	83	1.1%
Laurel	82	1.1%
Campbell	80	1.1%
Henderson	79	1.1%
Shelby	79	1.1%
Boyle	78	1.1%
Boyd	77	1.1%
Floyd	74	1.0%
Jessamine	74	1.0%
Logan	74	1.0%
Muhlenberg	70	1.0%
Perry	66	0.9%
Greenup	63	0.9%

County	Deaths	Percent
Marshall	63	0.9%
Nelson	63	0.9%
Whitley	62	0.8%
Franklin	60	0.8%
Lincoln	60	0.8%
Bell	58	0.8%
Grayson	58	0.8%
Ohio	55	0.8%
Adair	54	0.7%
Hart	54	0.7%
Mercer	54	0.7%
Taylor	53	0.7%
Calloway	50	0.7%
Wayne	48	0.7%
Knox	47	0.6%
Allen	46	0.6%
Clay	46	0.6%
Letcher	46	0.6%
Russell	46	0.6%
Monroe	44	0.6%
Simpson	43	0.6%
Lewis	41	0.6%
Washington	41	0.6%
Mason	40	0.5%
Casey	39	0.5%
Marion	38	0.5%
Garrard	37	0.5%
Johnson	37	0.5%
Scott	36	0.5%
Carter	35	0.5%

County	Deaths	Percent
McCreary	34	0.5%
Gallatin	33	0.5%
Caldwell	32	0.4%
Clark	32	0.4%
Jackson	32	0.4%
Clinton	31	0.4%
Metcalfe	31	0.4%
Montgomery	30	0.4%
McLean	29	0.4%
Butler	28	0.4%
Larue	28	0.4%
Lawrence	28	0.4%
Todd	28	0.4%
Harrison	27	0.4%
Meade	27	0.4%
Lee	26	0.4%
Edmonson	25	0.3%
Fleming	25	0.3%
Livingston	25	0.3%
Spencer	25	0.3%
Anderson	24	0.3%
Bath	24	0.3%
Crittenden	24	0.3%
Knott	24	0.3%
Rockcastle	24	0.3%
Grant	22	0.3%
Lyon	22	0.3%
Rowan	22	0.3%
Webster	22	0.3%
Woodford	22	0.3%

County	Deaths	Percent
Carroll	21	0.3%
Bourbon	20	0.3%
Henry	20	0.3%
Martin	20	0.3%
Breckinridge	18	0.2%
Magoffin	18	0.2%
Green	17	0.2%
Menifee	17	0.2%
Fulton	16	0.2%
Hickman	16	0.2%
Owsley	16	0.2%
Union	16	0.2%
Hancock	15	0.2%
Trigg	15	0.2%
Robertson	14	0.2%
Owen	13	0.2%
Powell	13	0.2%
Cumberland	12	0.2%
Estill	12	0.2%
Breathitt	11	0.2%
Ballard	10	0.1%
Carlisle	10	0.1%
Nicholas	9	0.1%
Bracken	8	0.1%
Leslie	8	0.1%
Trimble	7	0.1%
Wolfe	7	0.1%
Morgan	5	0.1%
Pendleton	4	0.1%
Elliott	2	0.0%

Total Deaths
7,325

Incidence Rates by County

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

County	Rate
Clay	82.6
Jackson	76.1
Floyd	59.4
Laurel	52.4
Muhlenberg	49.5
Webster	48.6
Letcher	47.7
Hopkins	45.7
Simpson	44.6
Whitley	44.5
Allen	42.9
Hart	40.5
Washington	39.0
Henderson	38.9
Knox	37.6
Metcalfe	35.5
Ohio	33.9
Daviess	33.2
Fleming	32.3
Perry	31.1
Bell	30.2
Marshall	29.9
Union	29.8
Nicholas	29.5
Barren	29.1
Logan	29.0
Knott	28.9
Pulaski	28.8
Carter	28.3
Leslie	27.5

County	Rate
Lewis	26.9
Clark	26.8
Warren	26.3
Calloway	26.0
Hardin	25.5
Nelson	25.3
Madison	24.7
Trimble	23.6
Fayette	23.3
Grayson	23.2
Henry	23.0
Graves	23.0
Jessamine	21.9
Harrison	21.2
Adair	20.8
Martin	20.4
Pike	20.2
Breckinridge	20.2
Marion	20.0
Oldham	19.9
Green	19.6
Boyd	19.6
Bath	19.4
Woodford	19.2
Harlan	19.2
Greenup	19.1
Lincoln	18.6
Bullitt	18.5
Boyle	18.5
Mercer	18.2

County	Rate
Johnson	18.0
Meade	18.0
Franklin	17.7
Taylor	17.2
Grant	17.1
Shelby	16.9
Bourbon	16.6
Spencer	16.2
McCracken	16.2
Jefferson	16.0
Larue	15.9
Owen	15.7
Garrard	15.4
Elliott	15.2
Todd	15.1
Mason	15.1
Casey	15.0
Lawrence	14.9
Hancock	14.7
Montgomery	14.7
Caldwell	14.6
Rockcastle	14.5
Butler	14.4
McLean	14.0
Bracken	13.8
Robertson	13.6
Christian	13.0
Owsley	12.9
Boone	12.8
Anderson	12.6

County	Rate
Breathitt	12.4
Campbell	12.2
Scott	12.0
Pendleton	11.7
Crittenden	11.4
Ballard	10.9
Monroe	10.7
Powell	10.4
Wayne	9.8
Gallatin	9.7
Lee	9.6
Carroll	9.4
Menifee	8.8
Kenton	8.7
Lyon	8.7
Cumberland	8.6
Clinton	8.4
Estill	7.1
Edmonson	7.1
Russell	5.6
Rowan	4.7
Morgan	3.2
Livingston	3.1
Trigg	2.9
Magoffin	2.3
Wolfe	2.0
McCreary	0.8
Fulton	0.0
Hickman	0.0
Carlisle	0.0

Current Overall Incidence Rate
21.58 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.