

KY COVID-19 Report

07AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	497,524	370,342	127,182
Deaths	7,376	6,612	764
New Cases	2,420	1,588	832
New Cases 18 and Under	529	339	190
Total New Deaths	4	4	0

Duplicates and records not meeting case criteria removed since last report: 28

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
23,583	4.7%	0-9	0.0%	1
55,625	11.2%	10-19	0.0%	1
90,295	18.1%	20-29	0.1%	11
77,368	15.6%	30-39	0.6%	41
74,839	15.0%	40-49	2.2%	159
70,975	14.3%	50-59	6.3%	464
53,511	10.8%	60-69	17.4%	1,283
31,553	6.3%	70-79	27.5%	2,032
19,554	3.9%	80+	45.9%	3,384
221	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,051	0.2%	American Indian	0.1%	8
4,415	1.0%	Asian	0.5%	37
34,779	8.3%	Black	8.0%	564
376	0.1%	Pacific Islander	0.1%	4
359,006	85.4%	White	88.9%	6,293
20,933	5.0%	Multiracial	2.4%	169

Cases	Case Percent	Ethnicity	Death Percent	Deaths
21,262	5.3%	Hispanic	1.6%	112
380,302	94.7%	Non-Hispanic	98.4%	6,720

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.5% of cases and 95.9% of deaths
Ethnicity known for 80.7% of cases and 92.6% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
7,679	73,621	10.43%

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
7,347,851	5,763,021	352,293	1,084,427	609,305	435,750	38,572	134,983

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	24,661	4.96%
Ever ICU	4,996	1.00%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,054
ICU	311
On Ventilator	130

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,959	4,292	67.6%
ICU Beds	1,178	637	64.9%
Ventilators	537	1,265	29.8%

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	62	30	12	7.8%	29.4%	12.1%	62.50%	71.57%	18.18%
Region 2	81	26	11	9.8%	21.3%	12.9%	65.66%	63.11%	24.71%
Region 3	334	91	37	8.9%	17.1%	8.4%	70.40%	60.98%	34.47%
Region 4	62	18	10	7.3%	16.7%	8.8%	57.16%	75.93%	24.78%
Region 5	177	47	26	6.4%	11.3%	5.0%	76.27%	71.15%	37.55%
Region 6	55	12	4	4.3%	6.9%	3.7%	69.15%	40.00%	34.58%
Region 7	58	13	1	9.3%	20.3%	0.8%	62.68%	53.13%	7.32%
Region 8	123	33	18	10.3%	24.3%	12.2%	59.23%	83.09%	30.61%
Region 9	77	26	7	11.6%	22.8%	7.1%	65.77%	60.53%	16.16%
Region 10	25	15	4	5.3%	33.3%	6.1%	51.69%	86.67%	22.73%

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	87,163	17.5%
Fayette	38,579	7.8%
Kenton	17,486	3.5%
Warren	17,426	3.5%
Boone	15,123	3.0%
Daviess	12,025	2.4%
Hardin	10,978	2.2%
Madison	10,195	2.0%
Campbell	9,115	1.8%
Laurel	8,497	1.7%
Oldham	8,041	1.6%
Bullitt	7,982	1.6%
Christian	7,455	1.5%
McCracken	7,380	1.5%
Pulaski	7,269	1.5%
Pike	6,472	1.3%
Scott	5,739	1.2%
Henderson	5,509	1.1%
Boyd	5,491	1.1%
Nelson	5,415	1.1%
Hopkins	5,319	1.1%
Shelby	5,119	1.0%
Jessamine	5,057	1.0%
Barren	4,979	1.0%
Graves	4,705	0.9%
Franklin	4,542	0.9%
Whitley	4,541	0.9%
Knox	4,216	0.8%
Greenup	4,026	0.8%
Floyd	4,003	0.8%

County	Cases	Percent
Calloway	3,914	0.8%
Boyle	3,733	0.8%
Muhlenberg	3,560	0.7%
Taylor	3,381	0.7%
Bell	3,379	0.7%
Clark	3,372	0.7%
Logan	3,273	0.7%
Marshall	3,231	0.6%
Clay	3,183	0.6%
Harlan	3,148	0.6%
Montgomery	3,079	0.6%
Perry	3,059	0.6%
Mercer	2,807	0.6%
Carter	2,737	0.6%
Ohio	2,735	0.5%
Grant	2,726	0.5%
Lincoln	2,609	0.5%
Marion	2,522	0.5%
Grayson	2,428	0.5%
Rowan	2,410	0.5%
Woodford	2,406	0.5%
Morgan	2,366	0.5%
Hart	2,326	0.5%
Simpson	2,313	0.5%
Johnson	2,300	0.5%
Wayne	2,293	0.5%
Allen	2,282	0.5%
Letcher	2,262	0.5%
Meade	2,253	0.5%
Adair	2,117	0.4%

County	Cases	Percent
McCreary	2,074	0.4%
Russell	1,961	0.4%
Anderson	1,957	0.4%
Bourbon	1,916	0.4%
Harrison	1,903	0.4%
Mason	1,841	0.4%
Spencer	1,799	0.4%
Rockcastle	1,747	0.4%
Garrard	1,645	0.3%
Webster	1,634	0.3%
Casey	1,631	0.3%
Washington	1,621	0.3%
Union	1,605	0.3%
Lyon	1,601	0.3%
Caldwell	1,582	0.3%
Lawrence	1,571	0.3%
Butler	1,549	0.3%
Jackson	1,532	0.3%
Henry	1,526	0.3%
Lewis	1,508	0.3%
Breckinridge	1,492	0.3%
Clinton	1,492	0.3%
Larue	1,473	0.3%
Powell	1,414	0.3%
Monroe	1,411	0.3%
Trigg	1,370	0.3%
Fleming	1,345	0.3%
Lee	1,326	0.3%
Green	1,316	0.3%
Knott	1,306	0.3%

County	Cases	Percent
Todd	1,259	0.3%
Estill	1,245	0.3%
Metcalfe	1,187	0.2%
Martin	1,153	0.2%
Pendleton	1,144	0.2%
Breathitt	1,112	0.2%
Magoffin	1,111	0.2%
Bath	1,099	0.2%
Carroll	1,099	0.2%
Leslie	1,058	0.2%
Elliott	1,017	0.2%
Livingston	976	0.2%
Edmonson	973	0.2%
McLean	967	0.2%
Hancock	964	0.2%
Owen	810	0.2%
Gallatin	792	0.2%
Trimble	758	0.2%
Crittenden	739	0.1%
Bracken	721	0.1%
Cumberland	717	0.1%
Nicholas	627	0.1%
Wolfe	574	0.1%
Fulton	560	0.1%
Owsley	532	0.1%
Carlisle	511	0.1%
Menifee	511	0.1%
Ballard	444	0.1%
Hickman	410	0.1%
Robertson	246	0.0%

Total Cases
497,524

New Cases by County

County	Cases	Percent
Jefferson	337	13.9%
Fayette	149	6.2%
Hardin	101	4.2%
Warren	76	3.1%
Pike	74	3.1%
Daviess	71	2.9%
Laurel	58	2.4%
Kenton	54	2.2%
Nelson	46	1.9%
Boyd	43	1.8%
Boone	38	1.6%
Barren	37	1.5%
Henderson	34	1.4%
Logan	34	1.4%
McCracken	34	1.4%
Bullitt	33	1.4%
Campbell	33	1.4%
Shelby	31	1.3%
Pulaski	30	1.2%
Floyd	29	1.2%
Franklin	28	1.2%
Graves	28	1.2%
Christian	26	1.1%
Greenup	26	1.1%
Madison	26	1.1%
Montgomery	26	1.1%
Oldham	26	1.1%
Bell	25	1.0%
Carter	25	1.0%
Hopkins	25	1.0%

County	Cases	Percent
Clay	23	1.0%
Marshall	23	1.0%
Webster	23	1.0%
Clark	22	0.9%
Hart	21	0.9%
Jessamine	21	0.9%
Johnson	21	0.9%
Breckinridge	20	0.8%
Lincoln	20	0.8%
Whitley	20	0.8%
Calloway	19	0.8%
Allen	18	0.7%
Scott	18	0.7%
Taylor	18	0.7%
Muhlenberg	16	0.7%
Boyle	15	0.6%
Harlan	15	0.6%
Union	15	0.6%
Bourbon	14	0.6%
Casey	14	0.6%
Letcher	14	0.6%
Meade	14	0.6%
Ohio	14	0.6%
Perry	14	0.6%
Grayson	13	0.5%
Magoffin	13	0.5%
Larue	12	0.5%
Washington	12	0.5%
Marion	11	0.5%
Metcalfe	11	0.5%

County	Cases	Percent
Woodford	11	0.5%
Adair	10	0.4%
Caldwell	10	0.4%
Knox	10	0.4%
Leslie	10	0.4%
Mason	10	0.4%
Mercer	10	0.4%
Pendleton	10	0.4%
Wayne	10	0.4%
Knott	9	0.4%
Lawrence	9	0.4%
Livingston	9	0.4%
Rowan	9	0.4%
Todd	9	0.4%
Henry	8	0.3%
Butler	7	0.3%
Fleming	7	0.3%
Hancock	7	0.3%
Lyon	7	0.3%
Powell	7	0.3%
Simpson	7	0.3%
Spencer	7	0.3%
Crittenden	6	0.2%
Grant	6	0.2%
Harrison	6	0.2%
Jackson	6	0.2%
Owen	6	0.2%
Russell	6	0.2%
Trigg	6	0.2%
Carroll	5	0.2%

County	Cases	Percent
McCreary	5	0.2%
Monroe	5	0.2%
Rockcastle	5	0.2%
Anderson	4	0.2%
Bath	4	0.2%
Gallatin	4	0.2%
Martin	4	0.2%
Morgan	4	0.2%
Ballard	3	0.1%
Bracken	3	0.1%
Carlisle	3	0.1%
Edmonson	3	0.1%
Garrard	3	0.1%
Lewis	3	0.1%
McLean	3	0.1%
Owsley	3	0.1%
Estill	2	0.1%
Green	2	0.1%
Nicholas	2	0.1%
Trimble	2	0.1%
Wolfe	2	0.1%
Clinton	1	0.0%
Fulton	1	0.0%
Hickman	1	0.0%
Robertson	1	0.0%
Breathitt	0	0.0%
Cumberland	0	0.0%
Elliott	0	0.0%
Lee	0	0.0%
Menifee	0	0.0%

Total New Cases
2,420

Total Deaths by County

County	Deaths	Percent
Jefferson	1,353	18.3%
Fayette	319	4.3%
Kenton	210	2.8%
Daviess	199	2.7%
Warren	193	2.6%
Hardin	173	2.3%
Hopkins	154	2.1%
Boone	151	2.0%
McCracken	136	1.8%
Pulaski	118	1.6%
Madison	113	1.5%
Pike	113	1.5%
Christian	108	1.5%
Barren	106	1.4%
Graves	99	1.3%
Harlan	93	1.3%
Oldham	85	1.2%
Bullitt	83	1.1%
Laurel	82	1.1%
Boyle	80	1.1%
Campbell	80	1.1%
Henderson	80	1.1%
Shelby	79	1.1%
Boyd	77	1.0%
Jessamine	75	1.0%
Floyd	74	1.0%
Logan	74	1.0%
Muhlenberg	70	0.9%
Perry	66	0.9%
Marshall	64	0.9%

County	Deaths	Percent
Greenup	63	0.9%
Nelson	63	0.9%
Whitley	63	0.9%
Lincoln	61	0.8%
Franklin	60	0.8%
Bell	58	0.8%
Grayson	58	0.8%
Hart	55	0.7%
Ohio	55	0.7%
Adair	54	0.7%
Taylor	53	0.7%
Mercer	52	0.7%
Calloway	50	0.7%
Wayne	48	0.7%
Knox	47	0.6%
Letcher	47	0.6%
Allen	46	0.6%
Clay	46	0.6%
Russell	46	0.6%
Monroe	44	0.6%
Simpson	44	0.6%
Lewis	42	0.6%
Washington	41	0.6%
Mason	40	0.5%
Casey	39	0.5%
Marion	39	0.5%
Carter	37	0.5%
Garrard	37	0.5%
Johnson	37	0.5%
Scott	36	0.5%

County	Deaths	Percent
McCreary	34	0.5%
Gallatin	33	0.4%
Caldwell	32	0.4%
Clark	32	0.4%
Jackson	32	0.4%
Clinton	31	0.4%
Metcalfe	31	0.4%
Montgomery	30	0.4%
Larue	29	0.4%
Lawrence	29	0.4%
McLean	29	0.4%
Butler	28	0.4%
Todd	28	0.4%
Harrison	27	0.4%
Meade	27	0.4%
Lee	26	0.4%
Spencer	26	0.4%
Crittenden	25	0.3%
Edmonson	25	0.3%
Fleming	25	0.3%
Knott	25	0.3%
Livingston	25	0.3%
Webster	25	0.3%
Anderson	24	0.3%
Bath	24	0.3%
Rockcastle	24	0.3%
Grant	22	0.3%
Lyon	22	0.3%
Rowan	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%
Union	18	0.2%
Green	17	0.2%
Menifee	17	0.2%
Fulton	16	0.2%
Hickman	16	0.2%
Owsley	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	0.1%
Ballard	10	0.1%
Carlisle	10	0.1%
Leslie	9	0.1%
Nicholas	9	0.1%
Bracken	8	0.1%
Trimble	8	0.1%
Wolfe	7	0.1%
Morgan	5	0.1%
Pendleton	4	0.1%
Elliott	2	0.0%

Total Deaths
7,376

Incidence Rates by County

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

County	Rate
Clay	120.6
Webster	99.3
Hart	94.6
Laurel	82.5
Logan	82.2
Floyd	81.1
Carter	78.9
Metcalf	78.0
Washington	73.2
Montgomery	72.6
Union	70.5
Marshall	69.8
Jackson	67.5
Henderson	67.3
Letcher	66.3
Barren	66.2
Pike	65.9
Whitley	65.4
Leslie	62.2
Henry	61.1
Spencer	59.8
Perry	58.8
Daviess	58.5
Muhlenberg	57.8
Nelson	57.8
Larue	56.6
Johnson	56.0
Knox	56.0
Boyle	55.1
Caldwell	54.9

County	Rate
Clark	53.2
Hardin	53.0
Breckinridge	52.3
Mercer	51.5
Hopkins	50.5
Todd	50.0
Calloway	49.8
Pulaski	49.5
Magoffin	48.2
Harlan	47.8
Graves	47.5
Shelby	47.5
Bell	47.2
Monroe	46.9
Allen	46.2
Franklin	46.2
Bourbon	46.2
Pendleton	45.0
Hancock	44.2
Boyd	43.4
Martin	43.4
Warren	43.3
Lewis	43.0
Taylor	42.7
Lincoln	42.5
Marion	42.3
Powell	41.6
Bracken	41.3
Greenup	41.1
Ohio	41.1

County	Rate
Casey	40.7
McLean	40.3
McCracken	40.2
Knott	39.6
Adair	39.4
Owen	39.3
Fleming	39.2
Carlisle	39.0
Livingston	38.8
Owsley	38.8
Butler	38.8
Grayson	38.4
Anderson	37.7
Carroll	37.6
Bullitt	37.3
Trimble	35.4
Grant	35.3
Fayette	35.2
Wolfe	33.9
Woodford	33.7
Jessamine	33.3
Jefferson	33.2
Menifee	33.0
Cumberland	32.4
Madison	32.0
Green	31.3
Scott	31.3
Christian	31.2
Elliott	30.4
Rockcastle	29.9

County	Rate
Lawrence	29.8
Edmonson	29.4
Garrard	29.1
Gallatin	29.0
Ballard	29.0
Clinton	28.0
Mason	27.6
Boone	27.5
Breathitt	27.1
Meade	26.5
Simpson	26.2
Rowan	25.7
Oldham	25.7
Estill	25.3
Wayne	23.2
Russell	23.1
Lyon	22.6
Morgan	22.5
Kenton	20.8
McCreary	20.7
Harrison	20.4
Robertson	20.3
Bath	19.4
Campbell	19.2
Nicholas	15.7
Crittenden	14.6
Lee	13.5
Hickman	9.8
Fulton	7.2
Trigg	5.9

Current Overall Incidence Rate
41.79 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.