

KY COVID-19 Report

17JUL21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	470,220	352,964	117,256
Deaths	7,292	6,536	756
New Cases	559	339	220
New Cases 18 and Under	105	64	41
Total New Deaths	8	8	0

Duplicates and records not meeting case criteria removed since last report: 49

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
21,251	4.5%	0-9	0.0%	1
51,738	11.0%	10-19	0.0%	1
85,185	18.1%	20-29	0.1%	9
72,770	15.5%	30-39	0.5%	40
70,842	15.1%	40-49	2.1%	151
67,695	14.4%	50-59	6.3%	459
51,255	10.9%	60-69	17.3%	1,260
30,231	6.4%	70-79	27.5%	2,005
19,035	4.0%	80+	46.2%	3,366
218	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
974	0.2%	American Indian	0.1%	8
4,298	1.1%	Asian	0.5%	35
32,896	8.3%	Black	8.0%	557
376	0.1%	Pacific Islander	0.0%	3
339,110	85.3%	White	88.9%	6,207
19,931	5.0%	Multiracial	2.4%	170

Cases	Case Percent	Ethnicity	Death Percent	Deaths
20,671	5.5%	Hispanic	1.6%	109
357,425	94.5%	Non-Hispanic	98.4%	6,620

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.6% of cases and 95.7% of deaths
Ethnicity known for 80.4% of cases and 92.3% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,581	33,184	4.76%

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
7,040,224	5,566,772	340,484	993,662	575,623	415,888	36,014	123,721

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	23,966	5.10%
Ever ICU	4,867	1.04%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	300
ICU	88
On Ventilator	25

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,603	4,648	64.9%
ICU Beds	1,106	709	60.9%
Ventilators	471	1,494	24.0%

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	27	16	6	3.4%	15.7%	6.1%	54.55%	48.04%	15.15%
Region 2	24	5	2	2.9%	4.1%	2.4%	56.80%	46.72%	17.65%
Region 3	104	28	7	2.8%	5.3%	1.6%	69.39%	57.04%	30.61%
Region 4	15	5	1	1.8%	4.6%	0.9%	57.28%	73.15%	13.89%
Region 5	55	11	1	2.0%	2.6%	0.2%	72.04%	70.19%	38.43%
Region 6	15	5	1	1.2%	2.9%	0.3%	64.73%	45.14%	11.39%
Region 7	8	2	2	1.3%	3.1%	1.7%	60.45%	51.56%	7.50%
Region 8	30	9	4	2.5%	6.6%	2.7%	63.32%	84.56%	28.77%
Region 9	17	4	1	2.6%	3.5%	1.0%	55.86%	50.88%	11.11%
Region 10	5	3	0	1.1%	6.7%	0.0%	56.33%	88.89%	10.45%

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	83,666	17.8%
Fayette	36,817	7.8%
Kenton	16,995	3.6%
Warren	16,529	3.5%
Boone	14,581	3.1%
Daviess	11,120	2.4%
Hardin	10,177	2.2%
Madison	9,690	2.1%
Campbell	8,810	1.9%
Oldham	7,756	1.6%
Laurel	7,714	1.6%
Bullitt	7,543	1.6%
Christian	7,141	1.5%
McCracken	7,016	1.5%
Pulaski	6,737	1.4%
Pike	6,008	1.3%
Scott	5,527	1.2%
Boyd	5,212	1.1%
Nelson	5,057	1.1%
Henderson	5,051	1.1%
Hopkins	4,882	1.0%
Shelby	4,841	1.0%
Jessamine	4,840	1.0%
Barren	4,571	1.0%
Graves	4,464	0.9%
Franklin	4,240	0.9%
Whitley	4,161	0.9%
Knox	3,913	0.8%
Greenup	3,805	0.8%
Calloway	3,630	0.8%

County	Cases	Percent
Boyle	3,540	0.8%
Floyd	3,527	0.8%
Taylor	3,212	0.7%
Muhlenberg	3,194	0.7%
Bell	3,189	0.7%
Clark	3,104	0.7%
Logan	3,001	0.6%
Harlan	2,978	0.6%
Marshall	2,942	0.6%
Montgomery	2,875	0.6%
Perry	2,839	0.6%
Clay	2,773	0.6%
Mercer	2,661	0.6%
Grant	2,584	0.5%
Ohio	2,543	0.5%
Carter	2,468	0.5%
Lincoln	2,437	0.5%
Marion	2,405	0.5%
Rowan	2,333	0.5%
Morgan	2,331	0.5%
Grayson	2,281	0.5%
Woodford	2,250	0.5%
Wayne	2,235	0.5%
Simpson	2,192	0.5%
Allen	2,140	0.5%
Johnson	2,137	0.5%
Meade	2,132	0.5%
Hart	2,076	0.4%
Letcher	2,010	0.4%
McCreary	2,006	0.4%

County	Cases	Percent
Adair	1,987	0.4%
Russell	1,894	0.4%
Harrison	1,838	0.4%
Anderson	1,822	0.4%
Bourbon	1,790	0.4%
Mason	1,767	0.4%
Spencer	1,663	0.4%
Rockcastle	1,659	0.4%
Garrard	1,565	0.3%
Lyon	1,560	0.3%
Casey	1,532	0.3%
Caldwell	1,496	0.3%
Lawrence	1,496	0.3%
Butler	1,485	0.3%
Washington	1,480	0.3%
Union	1,465	0.3%
Webster	1,456	0.3%
Clinton	1,455	0.3%
Henry	1,399	0.3%
Lewis	1,398	0.3%
Larue	1,387	0.3%
Powell	1,361	0.3%
Monroe	1,353	0.3%
Jackson	1,350	0.3%
Breckinridge	1,347	0.3%
Trigg	1,346	0.3%
Lee	1,302	0.3%
Fleming	1,245	0.3%
Green	1,243	0.3%
Estill	1,201	0.3%

County	Cases	Percent
Knott	1,182	0.3%
Todd	1,179	0.3%
Martin	1,087	0.2%
Metcalfe	1,079	0.2%
Breathitt	1,061	0.2%
Pendleton	1,058	0.2%
Bath	1,056	0.2%
Carroll	1,047	0.2%
Magoffin	1,039	0.2%
Elliott	988	0.2%
Leslie	974	0.2%
Edmonson	934	0.2%
Livingston	921	0.2%
McLean	914	0.2%
Hancock	906	0.2%
Gallatin	759	0.2%
Owen	748	0.2%
Trimble	710	0.2%
Crittenden	706	0.2%
Cumberland	697	0.1%
Bracken	672	0.1%
Nicholas	604	0.1%
Fulton	554	0.1%
Wolfe	549	0.1%
Owsley	510	0.1%
Carlisle	492	0.1%
Menifee	487	0.1%
Ballard	422	0.1%
Hickman	406	0.1%
Robertson	239	0.1%

Total Cases
470,220

New Cases by County

County	Cases	Percent
Jefferson	98	17.5%
Fayette	50	8.9%
Daviess	23	4.1%
Greenup	21	3.8%
Whitley	21	3.8%
Hardin	15	2.7%
Pulaski	15	2.7%
Warren	15	2.7%
Johnson	13	2.3%
Laurel	12	2.1%
Hopkins	11	2.0%
Kenton	10	1.8%
Pike	10	1.8%
Graves	9	1.6%
Madison	9	1.6%
Muhlenberg	9	1.6%
Barren	8	1.4%
Boone	8	1.4%
Carter	7	1.3%
Clark	7	1.3%
Hart	7	1.3%
Perry	7	1.3%
Woodford	7	1.3%
Bullitt	6	1.1%
Calloway	6	1.1%
Christian	6	1.1%
Clay	6	1.1%
Ohio	6	1.1%
Henderson	5	0.9%
Henry	5	0.9%

County	Cases	Percent
Lincoln	5	0.9%
Scott	5	0.9%
Webster	5	0.9%
Campbell	4	0.7%
Harlan	4	0.7%
Jackson	4	0.7%
McCracken	4	0.7%
Marshall	4	0.7%
Oldham	4	0.7%
Simpson	4	0.7%
Washington	4	0.7%
Boyle	3	0.5%
Harrison	3	0.5%
Jessamine	3	0.5%
Letcher	3	0.5%
Lewis	3	0.5%
Logan	3	0.5%
Meade	3	0.5%
Rockcastle	3	0.5%
Shelby	3	0.5%
Allen	2	0.4%
Anderson	2	0.4%
Bath	2	0.4%
Crittenden	2	0.4%
Edmonson	2	0.4%
Estill	2	0.4%
Floyd	2	0.4%
Franklin	2	0.4%
Gallatin	2	0.4%
Knott	2	0.4%

County	Cases	Percent
Knox	2	0.4%
Lawrence	2	0.4%
Monroe	2	0.4%
Nelson	2	0.4%
Wayne	2	0.4%
Adair	1	0.2%
Bourbon	1	0.2%
Boyd	1	0.2%
Breathitt	1	0.2%
Breckinridge	1	0.2%
Caldwell	1	0.2%
Fulton	1	0.2%
Grant	1	0.2%
Hancock	1	0.2%
Larue	1	0.2%
Leslie	1	0.2%
Livingston	1	0.2%
McLean	1	0.2%
Mason	1	0.2%
Mercer	1	0.2%
Metcalfe	1	0.2%
Montgomery	1	0.2%
Morgan	1	0.2%
Pendleton	1	0.2%
Powell	1	0.2%
Spencer	1	0.2%
Taylor	1	0.2%
Union	1	0.2%
Ballard	0	0.0%
Bell	0	0.0%

County	Cases	Percent
Bracken	0	0.0%
Butler	0	0.0%
Carlisle	0	0.0%
Carroll	0	0.0%
Casey	0	0.0%
Clinton	0	0.0%
Cumberland	0	0.0%
Elliott	0	0.0%
Fleming	0	0.0%
Garrard	0	0.0%
Grayson	0	0.0%
Green	0	0.0%
Hickman	0	0.0%
Lee	0	0.0%
Lyon	0	0.0%
McCreary	0	0.0%
Magoffin	0	0.0%
Marion	0	0.0%
Martin	0	0.0%
Menifee	0	0.0%
Nicholas	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%
Rowan	0	0.0%
Russell	0	0.0%
Todd	0	0.0%
Trigg	0	0.0%
Trimble	0	0.0%
Wolfe	0	0.0%

Total New Cases
559

Total Deaths by County

County	Deaths	Percent
Jefferson	1,344	18.4%
Fayette	317	4.3%
Kenton	207	2.8%
Daviess	195	2.7%
Warren	188	2.6%
Hardin	171	2.3%
Hopkins	150	2.1%
Boone	149	2.0%
McCracken	135	1.9%
Pulaski	115	1.6%
Madison	112	1.5%
Pike	110	1.5%
Christian	107	1.5%
Barren	104	1.4%
Graves	96	1.3%
Harlan	92	1.3%
Oldham	84	1.2%
Bullitt	83	1.1%
Laurel	81	1.1%
Campbell	80	1.1%
Henderson	79	1.1%
Shelby	79	1.1%
Boyle	78	1.1%
Boyd	76	1.0%
Floyd	74	1.0%
Jessamine	74	1.0%
Logan	74	1.0%
Muhlenberg	68	0.9%
Perry	66	0.9%
Greenup	63	0.9%

County	Deaths	Percent
Marshall	63	0.9%
Nelson	63	0.9%
Whitley	62	0.9%
Lincoln	60	0.8%
Bell	58	0.8%
Franklin	58	0.8%
Grayson	58	0.8%
Ohio	55	0.8%
Adair	54	0.7%
Mercer	54	0.7%
Hart	53	0.7%
Taylor	53	0.7%
Calloway	50	0.7%
Wayne	48	0.7%
Knox	47	0.6%
Clay	46	0.6%
Letcher	46	0.6%
Russell	46	0.6%
Allen	45	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%
Butler	28	0.4%
Lawrence	28	0.4%
McLean	28	0.4%
Todd	28	0.4%
Harrison	27	0.4%
Larue	27	0.4%
Lee	26	0.4%
Meade	26	0.4%
Edmonson	25	0.3%
Fleming	25	0.3%
Livingston	25	0.3%
Spencer	25	0.3%
Bath	24	0.3%
Crittenden	24	0.3%
Knott	24	0.3%
Rockcastle	24	0.3%
Anderson	23	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%
Robertson	14	0.2%
Trigg	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
7,292

Incidence Rates by County

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

County	Rate
Clay	33.7
Muhlenberg	32.7
Webster	32.0
Lewis	30.1
Hopkins	29.4
Hart	28.5
Whitley	28.0
Laurel	20.0
Carter	19.7
Washington	18.9
Simpson	18.5
Pulaski	18.2
Woodford	18.2
Pike	17.8
Livingston	17.1
Logan	16.3
McLean	15.5
Carlisle	15.0
Jackson	15.0
Perry	15.0
Barren	14.9
Crittenden	14.6
Greenup	13.8
Graves	13.8
Knott	13.5
Adair	13.4
Henderson	13.3
Warren	13.2
Hancock	13.1
Clark	13.0

County	Rate
Gallatin	12.9
Metcalfe	12.8
Harlan	12.6
Johnson	12.2
Letcher	11.9
Daviess	11.8
Grant	11.4
Hardin	10.9
Boyle	10.9
Edmonson	10.6
Lincoln	10.5
Fayette	10.3
Martin	10.2
Lee	9.6
Bullitt	9.6
Fulton	9.6
Ohio	9.5
Madison	9.5
Allen	9.4
Mercer	9.1
Boone	9.0
Oldham	9.0
Henry	8.9
Fleming	8.8
Pendleton	8.8
Calloway	8.8
Leslie	8.7
Bourbon	8.7
Rockcastle	8.6
Marshall	8.3

County	Rate
Todd	8.1
Meade	8.0
Owen	7.9
Nicholas	7.9
Green	7.8
Knox	7.8
Jefferson	7.3
Christian	7.3
Jessamine	7.1
Casey	7.1
Boyd	7.0
Scott	7.0
Larue	6.9
Anderson	6.9
Franklin	6.7
Marion	6.7
Spencer	6.6
Owsley	6.5
Floyd	6.0
Nelson	5.9
Breckinridge	5.6
Shelby	5.5
Monroe	5.4
McCracken	5.2
Taylor	5.0
Wayne	4.9
Bath	4.6
Breathitt	4.5
Butler	4.4
Kenton	4.3

County	Rate
Estill	4.1
Union	4.0
Campbell	4.0
Harrison	3.8
Lawrence	3.7
Lyon	3.5
Trimble	3.4
Caldwell	3.4
Grayson	3.2
Garrard	3.2
Carroll	2.7
Mason	2.5
Bell	2.2
Morgan	2.1
Wolfe	2.0
Elliott	1.9
Rowan	1.8
Montgomery	1.5
Clinton	1.4
Magoffin	1.2
Powell	1.2
Russell	0.8
McCreary	0.0
Menifee	0.0
Hickman	0.0
Robertson	0.0
Trigg	0.0
Cumberland	0.0
Ballard	0.0
Bracken	0.0

Current Overall Incidence Rate
9.66 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.