

KY COVID-19 Report 24AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	547,657	405,210	142,447
Deaths	7,575	6,786	789
New Cases	4,638	3,106	1,532
New Cases 18 and Under	1,335	847	488
Total New Deaths	17	13	4

Duplicates and records not meeting case criteria removed since last report: 12

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
28,783	5.3%	0-9	0.0%	1
64,091	11.7%	10-19	0.0%	1
98,639	18.0%	20-29	0.2%	13
85,468	15.6%	30-39	0.6%	49
81,633	14.9%	40-49	2.3%	174
76,635	14.0%	50-59	6.4%	488
57,612	10.5%	60-69	17.5%	1,323
33,935	6.2%	70-79	27.6%	2,093
20,640	3.8%	80+	45.3%	3,433
221	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,231	0.3%	American Indian	0.1%	8
4,574	1.0%	Asian	0.5%	39
37,612	8.2%	Black	8.0%	580
376	0.1%	Pacific Islander	0.1%	4
392,845	85.5%	White	88.9%	6,463
23,042	5.0%	Multiracial	2.4%	173

Cases	Case Percent	Ethnicity	Death Percent	Deaths
22,466	5.1%	Hispanic	1.6%	114
416,761	94.9%	Non-Hispanic	98.4%	6,905

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 83.9% of cases and 95.9% of deaths
 Ethnicity known for 80.2% of cases and 92.7% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
16,374	127,012	12.89%

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
7,784,312	6,054,581	362,787	1,205,322	668,085	475,161	41,498	151,426

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	25,428	4.64%
Ever ICU	5,107	0.93%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,014
ICU	589
On Ventilator	338

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,067	4,862	65.1%
ICU Beds	1,275	701	64.5%
Ventilators	728	1,078	40.3%

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	116	32	17	13.5%	31.4%	17.0%	56.05%	68.63%	28.00%
Region 2	137	41	26	16.6%	33.6%	30.2%	63.59%	59.84%	48.84%
Region 3	570	158	95	14.7%	29.5%	21.3%	69.26%	67.16%	45.74%
Region 4	129	36	28	15.1%	33.3%	23.0%	53.87%	84.26%	31.15%
Region 5	382	155	73	12.2%	27.8%	14.1%	68.65%	56.63%	48.45%
Region 6	137	28	10	10.6%	16.0%	9.1%	73.10%	43.43%	26.36%
Region 7	116	28	13	18.0%	35.0%	10.6%	70.92%	75.00%	19.51%
Region 8	217	50	43	17.2%	36.8%	30.7%	53.77%	83.82%	41.43%
Region 9	163	40	25	22.9%	35.1%	25.0%	61.15%	65.79%	32.00%
Region 10	47	21	8	9.8%	46.7%	12.7%	53.33%	88.89%	36.51%

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	93,702	17.1%
Fayette	41,361	7.6%
Warren	19,436	3.5%
Kenton	18,528	3.4%
Boone	16,028	2.9%
Daviess	13,216	2.4%
Hardin	12,558	2.3%
Madison	11,140	2.0%
Laurel	9,919	1.8%
Campbell	9,605	1.8%
Bullitt	8,770	1.6%
Oldham	8,521	1.6%
McCracken	8,138	1.5%
Christian	7,838	1.4%
Pulaski	7,832	1.4%
Pike	7,399	1.4%
Henderson	6,184	1.1%
Scott	6,183	1.1%
Nelson	6,123	1.1%
Boyd	6,063	1.1%
Hopkins	5,843	1.1%
Jessamine	5,652	1.0%
Shelby	5,593	1.0%
Barren	5,532	1.0%
Graves	5,365	1.0%
Whitley	5,329	1.0%
Franklin	5,038	0.9%
Floyd	4,752	0.9%
Knox	4,739	0.9%
Greenup	4,414	0.8%

County	Cases	Percent
Calloway	4,206	0.8%
Boyle	4,025	0.7%
Muhlenberg	3,987	0.7%
Bell	3,948	0.7%
Taylor	3,844	0.7%
Marshall	3,839	0.7%
Clay	3,834	0.7%
Logan	3,729	0.7%
Clark	3,702	0.7%
Perry	3,610	0.7%
Montgomery	3,499	0.6%
Harlan	3,437	0.6%
Mercer	3,150	0.6%
Ohio	3,114	0.6%
Carter	3,089	0.6%
Grant	2,949	0.5%
Lincoln	2,941	0.5%
Grayson	2,852	0.5%
Marion	2,801	0.5%
Allen	2,645	0.5%
Johnson	2,631	0.5%
Rowan	2,615	0.5%
Woodford	2,572	0.5%
Letcher	2,552	0.5%
Hart	2,533	0.5%
Meade	2,522	0.5%
Morgan	2,491	0.5%
Simpson	2,432	0.4%
Wayne	2,403	0.4%
McCreary	2,353	0.4%

County	Cases	Percent
Adair	2,303	0.4%
Russell	2,193	0.4%
Anderson	2,147	0.4%
Harrison	2,127	0.4%
Bourbon	2,120	0.4%
Spencer	2,083	0.4%
Mason	2,007	0.4%
Rockcastle	1,974	0.4%
Union	1,943	0.4%
Casey	1,862	0.3%
Webster	1,849	0.3%
Garrard	1,839	0.3%
Jackson	1,814	0.3%
Washington	1,813	0.3%
Henry	1,783	0.3%
Breckinridge	1,739	0.3%
Lawrence	1,736	0.3%
Larue	1,722	0.3%
Lewis	1,719	0.3%
Caldwell	1,706	0.3%
Butler	1,694	0.3%
Lyon	1,678	0.3%
Powell	1,579	0.3%
Monroe	1,559	0.3%
Clinton	1,549	0.3%
Fleming	1,543	0.3%
Knott	1,530	0.3%
Green	1,521	0.3%
Trigg	1,496	0.3%
Estill	1,447	0.3%

County	Cases	Percent
Lee	1,421	0.3%
Magoffin	1,403	0.3%
Todd	1,368	0.2%
Metcalfe	1,317	0.2%
Pendleton	1,314	0.2%
Carroll	1,267	0.2%
Leslie	1,265	0.2%
Breathitt	1,260	0.2%
Martin	1,237	0.2%
Bath	1,194	0.2%
Elliott	1,112	0.2%
McLean	1,095	0.2%
Hancock	1,056	0.2%
Edmonson	1,055	0.2%
Livingston	1,051	0.2%
Owen	962	0.2%
Gallatin	884	0.2%
Trimble	878	0.2%
Crittenden	820	0.1%
Bracken	797	0.1%
Cumberland	778	0.1%
Wolfe	706	0.1%
Nicholas	701	0.1%
Menifee	606	0.1%
Owsley	603	0.1%
Fulton	583	0.1%
Carlisle	545	0.1%
Ballard	506	0.1%
Hickman	431	0.1%
Robertson	252	0.0%

Total Cases
547,657

New Cases by County

County	Cases	Percent
Jefferson	567	12.2%
Fayette	411	8.9%
Hardin	185	4.0%
Warren	177	3.8%
Laurel	102	2.2%
Kenton	101	2.2%
Henderson	87	1.9%
Nelson	81	1.7%
Whitley	81	1.7%
Daviess	80	1.7%
Madison	76	1.6%
Bullitt	72	1.6%
Boone	69	1.5%
Mercer	63	1.4%
Boyd	62	1.3%
Bell	60	1.3%
Pike	59	1.3%
Barren	58	1.3%
Ohio	58	1.3%
Knox	56	1.2%
Muhlenberg	56	1.2%
Jessamine	55	1.2%
Franklin	52	1.1%
Perry	52	1.1%
Campbell	51	1.1%
McCracken	51	1.1%
Pulaski	51	1.1%
Oldham	49	1.1%
Allen	46	1.0%
Floyd	45	1.0%

County	Cases	Percent
Clark	44	0.9%
Grayson	44	0.9%
Marshall	44	0.9%
Hopkins	43	0.9%
Taylor	42	0.9%
Graves	41	0.9%
Larue	39	0.8%
Johnson	38	0.8%
Shelby	38	0.8%
Grant	34	0.7%
Harlan	34	0.7%
Monroe	33	0.7%
Spencer	33	0.7%
Leslie	32	0.7%
Meade	32	0.7%
Clay	31	0.7%
Garrard	31	0.7%
Montgomery	29	0.6%
Marion	28	0.6%
Lewis	27	0.6%
Boyle	26	0.6%
Breathitt	26	0.6%
Calloway	26	0.6%
Greenup	26	0.6%
Christian	25	0.5%
Harrison	25	0.5%
Logan	25	0.5%
Powell	25	0.5%
Hart	24	0.5%
Lincoln	23	0.5%

County	Cases	Percent
Scott	23	0.5%
Casey	22	0.5%
Union	22	0.5%
Bourbon	21	0.5%
Jackson	21	0.5%
Webster	21	0.5%
Carter	19	0.4%
Russell	19	0.4%
Adair	18	0.4%
Rockcastle	17	0.4%
Butler	16	0.3%
Green	16	0.3%
Letcher	16	0.3%
Magoffin	16	0.3%
Rowan	16	0.3%
Todd	16	0.3%
Wayne	16	0.3%
Gallatin	15	0.3%
Henry	15	0.3%
Washington	15	0.3%
Breckinridge	14	0.3%
Pendleton	14	0.3%
Carroll	13	0.3%
Woodford	13	0.3%
Bath	12	0.3%
Caldwell	12	0.3%
Knott	12	0.3%
Owen	12	0.3%
Edmonson	11	0.2%
Morgan	11	0.2%

County	Cases	Percent
Simpson	11	0.2%
McLean	10	0.2%
Metcalfe	10	0.2%
Trimble	10	0.2%
Elliott	9	0.2%
Lawrence	9	0.2%
Martin	9	0.2%
Livingston	8	0.2%
Mason	8	0.2%
Menifee	8	0.2%
Lee	7	0.2%
Lyon	7	0.2%
Owsley	7	0.2%
Trigg	7	0.2%
Bracken	6	0.1%
Nicholas	6	0.1%
Wolfe	6	0.1%
Anderson	5	0.1%
Estill	5	0.1%
McCreary	5	0.1%
Cumberland	4	0.1%
Fleming	4	0.1%
Hancock	4	0.1%
Ballard	3	0.1%
Fulton	2	0.0%
Carlisle	1	0.0%
Hickman	1	0.0%
Robertson	1	0.0%
Clinton	0	0.0%
Crittenden	0	0.0%

Total New Cases
4,638

Total Deaths by County

County	Deaths	Percent
Jefferson	1,386	18.3%
Fayette	326	4.3%
Kenton	214	2.8%
Daviess	207	2.7%
Warren	196	2.6%
Hardin	175	2.3%
Boone	157	2.1%
Hopkins	156	2.1%
McCracken	138	1.8%
Pulaski	124	1.6%
Pike	116	1.5%
Madison	115	1.5%
Barren	109	1.4%
Christian	108	1.4%
Graves	105	1.4%
Harlan	95	1.3%
Bullitt	88	1.2%
Laurel	87	1.1%
Oldham	86	1.1%
Henderson	83	1.1%
Boyd	82	1.1%
Campbell	82	1.1%
Boyle	80	1.1%
Shelby	80	1.1%
Jessamine	76	1.0%
Muhlenberg	76	1.0%
Floyd	75	1.0%
Logan	75	1.0%
Perry	69	0.9%
Marshall	66	0.9%

County	Deaths	Percent
Greenup	64	0.8%
Nelson	64	0.8%
Whitley	64	0.8%
Lincoln	63	0.8%
Franklin	62	0.8%
Bell	61	0.8%
Grayson	59	0.8%
Ohio	58	0.8%
Adair	57	0.8%
Hart	55	0.7%
Taylor	55	0.7%
Mercer	54	0.7%
Calloway	53	0.7%
Letcher	51	0.7%
Wayne	50	0.7%
Knox	49	0.6%
Allen	48	0.6%
Russell	47	0.6%
Clay	46	0.6%
Monroe	46	0.6%
Lewis	45	0.6%
Simpson	44	0.6%
Washington	42	0.6%
Casey	41	0.5%
Mason	41	0.5%
Carter	39	0.5%
Marion	39	0.5%
Johnson	38	0.5%
Garrard	37	0.5%
Scott	36	0.5%

County	Deaths	Percent
Gallatin	34	0.4%
McCreary	34	0.4%
Caldwell	33	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Jackson	32	0.4%
Montgomery	32	0.4%
Metcalfe	31	0.4%
Lawrence	30	0.4%
McLean	30	0.4%
Larue	29	0.4%
Butler	28	0.4%
Todd	28	0.4%
Crittenden	27	0.4%
Harrison	27	0.4%
Livingston	27	0.4%
Meade	27	0.4%
Fleming	26	0.3%
Lee	26	0.3%
Spencer	26	0.3%
Webster	26	0.3%
Anderson	25	0.3%
Edmonson	25	0.3%
Knott	25	0.3%
Rockcastle	25	0.3%
Bath	24	0.3%
Grant	23	0.3%
Lyon	22	0.3%
Martin	22	0.3%
Rowan	22	0.3%

County	Deaths	Percent
Woodford	22	0.3%
Carroll	21	0.3%
Henry	21	0.3%
Bourbon	20	0.3%
Breckinridge	19	0.3%
Union	19	0.3%
Magoffin	18	0.2%
Green	17	0.2%
Menifee	17	0.2%
Fulton	16	0.2%
Hickman	16	0.2%
Owsley	16	0.2%
Trigg	16	0.2%
Hancock	15	0.2%
Powell	14	0.2%
Robertson	14	0.2%
Owen	13	0.2%
Breathitt	12	0.2%
Cumberland	12	0.2%
Estill	12	0.2%
Ballard	11	0.1%
Carlisle	10	0.1%
Leslie	9	0.1%
Nicholas	9	0.1%
Bracken	8	0.1%
Trimble	8	0.1%
Wolfe	8	0.1%
Morgan	5	0.1%
Pendleton	5	0.1%
Elliott	2	0.0%

Total Deaths
7,575

Incidence Rates by County

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

County	Rate
Clay	194.5
Magoffin	183.3
Whitley	167.4
Jackson	167.2
Bell	161.9
Union	155.0
Laurel	153.9
Owsley	148.8
Larue	146.8
Floyd	140.9
Perry	140.3
Taylor	140.3
Marshall	137.3
Allen	136.7
Leslie	134.5
Wolfe	129.7
Webster	126.9
Carroll	122.3
Knox	119.7
Lee	119.6
Ohio	117.3
Estill	116.5
Warren	115.9
Nelson	114.3
Grayson	113.5
Spencer	113.0
Henderson	111.9
Graves	110.0
Powell	108.7
Johnson	104.9

County	Rate
Mercer	104.2
Logan	103.8
Menifee	103.5
Lewis	103.3
Monroe	103.3
Fleming	101.9
Marion	101.5
Hardin	101.5
Owen	100.9
McCreary	99.5
Muhlenberg	98.4
Pike	98.0
Trimble	97.8
McLean	97.8
Green	96.6
Breckinridge	96.3
Breathitt	96.1
Washington	93.3
Rockcastle	91.6
Harlan	91.2
Carter	90.6
Henry	89.5
Gallatin	88.6
Barren	88.5
Nicholas	88.4
Boyd	85.3
Bourbon	85.2
Casey	84.9
Harrison	84.0
Metcalfe	83.7

County	Rate
Daviess	83.3
Hopkins	82.2
Knott	81.0
Butler	81.0
Montgomery	80.2
Greenup	79.4
McCracken	79.1
Cumberland	75.6
Letcher	75.6
Boyle	73.7
Jessamine	72.6
Madison	71.6
Pendleton	71.5
Russell	70.1
Mason	69.5
Garrard	67.9
Meade	67.5
Bath	67.4
Hancock	67.2
Bullitt	66.3
Hart	65.3
Franklin	64.7
Jefferson	62.5
Shelby	61.5
Fayette	60.7
Clark	60.7
Livingston	60.6
Lawrence	58.8
Rowan	56.1
Grant	55.3

County	Rate
Elliott	55.1
Lincoln	53.5
Todd	53.5
Bracken	51.6
Ballard	50.7
Caldwell	50.4
Oldham	49.0
Morgan	46.2
Simpson	46.2
Pulaski	45.1
Calloway	44.7
Scott	44.6
Anderson	44.6
Adair	43.2
Boone	41.2
Lyon	40.0
Edmonson	40.0
Kenton	39.9
Crittenden	38.9
Clinton	36.4
Hickman	35.9
Campbell	35.3
Martin	34.5
Fulton	33.5
Carlisle	33.0
Christian	30.8
Trigg	30.2
Wayne	28.8
Woodford	28.3
Robertson	20.3

Current Overall Incidence Rate
76.90 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.