

KY COVID-19 Report 21AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	537,817	397,995	139,822
Deaths	7,532	6,752	780
New Cases	3,387	2,335	1,052
New Cases 18 and Under	950	636	314
Total New Deaths	15	14	1

Duplicates and records not meeting case criteria removed since last report: 0

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
27,695	5.1%	0-9	0.0%	1
62,206	11.6%	10-19	0.0%	1
97,041	18.0%	20-29	0.2%	13
83,899	15.6%	30-39	0.6%	47
80,401	14.9%	40-49	2.3%	173
75,566	14.1%	50-59	6.4%	480
56,850	10.6%	60-69	17.5%	1,319
33,495	6.2%	70-79	27.6%	2,077
20,444	3.8%	80+	45.4%	3,421
220	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,178	0.3%	American Indian	0.1%	8
4,537	1.0%	Asian	0.5%	39
36,882	8.2%	Black	8.0%	579
376	0.1%	Pacific Islander	0.1%	4
384,156	85.5%	White	88.9%	6,423
22,432	5.0%	Multiracial	2.4%	172

Cases	Case Percent	Ethnicity	Death Percent	Deaths
22,221	5.1%	Hispanic	1.6%	113
409,424	94.9%	Non-Hispanic	98.4%	6,867

Percentages are expressed as percentage of cases or deaths with race or ethnicity known

Race known for 83.6% of cases and 95.9% of deaths

Ethnicity known for 80.3% of cases and 92.7% of deaths

*Race, for new cases, is not updated on weekend reports. Monday's report will provide data that is completely updated for this variable for all cases, including those reported on Saturday and Sunday.

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
15,246	118,102	12.91%

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
7,711,207	6,002,647	360,971	1,187,801	657,111	467,444	40,966	148,701

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	25,268	4.70%
Ever ICU	5,080	0.94%

Hospitalization data for new cases in the Case Outcomes table is not currently updated on weekend reports. Monday's report will provide data that is completely updated for these variables for all cases, including those reported on Saturday and Sunday.

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,841
ICU	511
On Ventilator	274

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,361	4,572	67.2%
ICU Beds	1,285	693	65.0%
Ventilators	667	1,143	36.9%

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	98	31	15	11.4%	30.4%	15.2%	58.84%	77.45%	27.27%
Region 2	141	42	23	17.1%	34.4%	26.7%	69.17%	59.84%	41.86%
Region 3	559	166	87	14.4%	30.8%	19.6%	71.10%	70.50%	42.70%
Region 4	115	33	21	13.5%	30.6%	17.5%	57.16%	77.78%	28.33%
Region 5	329	100	60	12.6%	17.8%	11.7%	68.18%	57.12%	46.99%
Region 6	126	24	9	9.8%	13.7%	8.2%	74.19%	41.71%	26.36%
Region 7	96	23	10	15.3%	35.9%	8.1%	76.71%	65.63%	12.20%
Region 8	202	48	26	16.7%	35.3%	17.4%	60.93%	83.09%	35.57%
Region 9	132	33	18	18.5%	26.6%	18.0%	60.11%	62.90%	23.00%
Region 10	43	11	5	8.9%	23.9%	7.9%	53.32%	91.30%	28.57%

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	92,364	17.2%
Fayette	40,837	7.6%
Warren	19,024	3.5%
Kenton	18,277	3.4%
Boone	15,879	3.0%
Daviess	12,986	2.4%
Hardin	12,252	2.3%
Madison	10,986	2.0%
Laurel	9,678	1.8%
Campbell	9,485	1.8%
Bullitt	8,599	1.6%
Oldham	8,432	1.6%
McCracken	7,948	1.5%
Christian	7,763	1.4%
Pulaski	7,739	1.4%
Pike	7,249	1.3%
Scott	6,119	1.1%
Henderson	6,043	1.1%
Nelson	5,985	1.1%
Boyd	5,929	1.1%
Hopkins	5,750	1.1%
Jessamine	5,539	1.0%
Shelby	5,514	1.0%
Barren	5,420	1.0%
Graves	5,250	1.0%
Whitley	5,176	1.0%
Franklin	4,931	0.9%
Knox	4,640	0.9%
Floyd	4,599	0.9%
Greenup	4,327	0.8%

County	Cases	Percent
Calloway	4,159	0.8%
Boyle	3,954	0.7%
Muhlenberg	3,888	0.7%
Bell	3,818	0.7%
Clay	3,735	0.7%
Taylor	3,722	0.7%
Marshall	3,720	0.7%
Logan	3,673	0.7%
Clark	3,619	0.7%
Perry	3,474	0.6%
Montgomery	3,440	0.6%
Harlan	3,372	0.6%
Mercer	3,076	0.6%
Ohio	3,018	0.6%
Carter	3,003	0.6%
Grant	2,901	0.5%
Lincoln	2,898	0.5%
Grayson	2,757	0.5%
Marion	2,742	0.5%
Rowan	2,580	0.5%
Allen	2,579	0.5%
Johnson	2,555	0.5%
Woodford	2,543	0.5%
Hart	2,493	0.5%
Letcher	2,482	0.5%
Morgan	2,478	0.5%
Meade	2,467	0.5%
Simpson	2,404	0.4%
Wayne	2,373	0.4%
McCreary	2,321	0.4%

County	Cases	Percent
Adair	2,269	0.4%
Russell	2,151	0.4%
Anderson	2,125	0.4%
Bourbon	2,074	0.4%
Harrison	2,073	0.4%
Spencer	2,022	0.4%
Mason	1,987	0.4%
Rockcastle	1,941	0.4%
Union	1,897	0.4%
Casey	1,820	0.3%
Webster	1,810	0.3%
Garrard	1,787	0.3%
Washington	1,781	0.3%
Jackson	1,755	0.3%
Henry	1,747	0.3%
Lawrence	1,720	0.3%
Breckinridge	1,692	0.3%
Caldwell	1,684	0.3%
Lewis	1,683	0.3%
Larue	1,669	0.3%
Lyon	1,669	0.3%
Butler	1,665	0.3%
Powell	1,541	0.3%
Clinton	1,528	0.3%
Monroe	1,524	0.3%
Fleming	1,519	0.3%
Knott	1,494	0.3%
Green	1,484	0.3%
Trigg	1,479	0.3%
Lee	1,392	0.3%

County	Cases	Percent
Estill	1,381	0.3%
Magoffin	1,356	0.3%
Todd	1,348	0.3%
Metcalfe	1,296	0.2%
Pendleton	1,283	0.2%
Carroll	1,244	0.2%
Martin	1,225	0.2%
Breathitt	1,220	0.2%
Leslie	1,205	0.2%
Bath	1,174	0.2%
Elliott	1,097	0.2%
McLean	1,076	0.2%
Hancock	1,038	0.2%
Edmonson	1,035	0.2%
Livingston	1,033	0.2%
Owen	939	0.2%
Gallatin	863	0.2%
Trimble	856	0.2%
Crittenden	815	0.2%
Bracken	787	0.1%
Cumberland	773	0.1%
Nicholas	677	0.1%
Wolfe	674	0.1%
Menifee	596	0.1%
Owsley	586	0.1%
Fulton	577	0.1%
Carlisle	539	0.1%
Ballard	495	0.1%
Hickman	424	0.1%
Robertson	250	0.0%

Total Cases
537,817

New Cases by County

County	Cases	Percent
Jefferson	501	14.8%
Fayette	180	5.3%
Warren	164	4.8%
Hardin	109	3.2%
Laurel	109	3.2%
Clay	92	2.7%
Pike	75	2.2%
Daviess	71	2.1%
Nelson	68	2.0%
Whitley	68	2.0%
Marshall	62	1.8%
McCreary	60	1.8%
Madison	58	1.7%
Muhlenberg	51	1.5%
Grayson	49	1.4%
Knox	48	1.4%
Bullitt	47	1.4%
Boone	46	1.4%
McCracken	45	1.3%
Barren	44	1.3%
Jessamine	42	1.2%
Graves	41	1.2%
Bell	40	1.2%
Kenton	40	1.2%
Floyd	36	1.1%
Allen	35	1.0%
Hopkins	34	1.0%
Johnson	33	1.0%
Pulaski	33	1.0%
Boyd	31	0.9%

County	Cases	Percent
Taylor	30	0.9%
Calloway	29	0.9%
Boyle	28	0.8%
Franklin	28	0.8%
Greenup	27	0.8%
Jackson	26	0.8%
Montgomery	26	0.8%
Harlan	25	0.7%
Larue	25	0.7%
Ohio	25	0.7%
Logan	24	0.7%
Shelby	24	0.7%
Christian	23	0.7%
Campbell	21	0.6%
Bourbon	20	0.6%
Carroll	20	0.6%
Henderson	20	0.6%
McLean	20	0.6%
Owen	20	0.6%
Perry	19	0.6%
Spencer	19	0.6%
Adair	18	0.5%
Carter	18	0.5%
Magoffin	18	0.5%
Scott	18	0.5%
Casey	17	0.5%
Meade	17	0.5%
Oldham	17	0.5%
Union	17	0.5%
Breckinridge	15	0.4%

County	Cases	Percent
Harrison	15	0.4%
Clark	14	0.4%
Monroe	14	0.4%
Green	13	0.4%
Henry	13	0.4%
Lawrence	13	0.4%
Washington	13	0.4%
Fleming	12	0.4%
Letcher	12	0.4%
Marion	12	0.4%
Russell	12	0.4%
Hart	11	0.3%
Knott	11	0.3%
Lincoln	11	0.3%
Anderson	10	0.3%
Crittenden	10	0.3%
Garrard	10	0.3%
Todd	10	0.3%
Bath	9	0.3%
Lewis	9	0.3%
Mercer	9	0.3%
Metcalf	9	0.3%
Powell	9	0.3%
Trigg	9	0.3%
Butler	8	0.2%
Caldwell	8	0.2%
Breathitt	7	0.2%
Estill	7	0.2%
Grant	7	0.2%
Hancock	7	0.2%

County	Cases	Percent
Lee	7	0.2%
Mason	7	0.2%
Owsley	7	0.2%
Pendleton	7	0.2%
Rowan	7	0.2%
Webster	7	0.2%
Wolfe	7	0.2%
Leslie	5	0.1%
Lyon	5	0.1%
Rockcastle	5	0.1%
Simpson	5	0.1%
Gallatin	4	0.1%
Trimble	4	0.1%
Ballard	3	0.1%
Cumberland	3	0.1%
Livingston	3	0.1%
Morgan	3	0.1%
Nicholas	3	0.1%
Woodford	3	0.1%
Bracken	2	0.1%
Clinton	2	0.1%
Edmonson	2	0.1%
Martin	2	0.1%
Wayne	2	0.1%
Fulton	1	0.0%
Menifee	1	0.0%
Carlisle	0	0.0%
Elliott	0	0.0%
Hickman	0	0.0%
Robertson	0	0.0%

Total New Cases
3,387

Total Deaths by County

County	Deaths	Percent
Jefferson	1,383	18.4%
Fayette	324	4.3%
Kenton	212	2.8%
Daviess	207	2.7%
Warren	195	2.6%
Hardin	175	2.3%
Boone	156	2.1%
Hopkins	156	2.1%
McCracken	138	1.8%
Pulaski	123	1.6%
Pike	116	1.5%
Madison	113	1.5%
Barren	108	1.4%
Christian	108	1.4%
Graves	103	1.4%
Harlan	93	1.2%
Bullitt	88	1.2%
Laurel	87	1.2%
Oldham	86	1.1%
Henderson	83	1.1%
Campbell	81	1.1%
Boyle	80	1.1%
Boyd	79	1.0%
Shelby	79	1.0%
Floyd	75	1.0%
Jessamine	75	1.0%
Logan	74	1.0%
Muhlenberg	74	1.0%
Perry	68	0.9%
Marshall	65	0.9%

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

County	Deaths	Percent
Gallatin	34	0.5%
McCreary	34	0.5%
Caldwell	32	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%
Harrison	27	0.4%
Livingston	27	0.4%
Meade	27	0.4%
Crittenden	26	0.3%
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%
Rowan	22	0.3%
Woodford	22	0.3%

County	Deaths	Percent
Carroll	21	0.3%
Henry	21	0.3%
Martin	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%
Hancock	15	0.2%
Trigg	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
7,532

Incidence Rates by County

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

County	Rate
Clay	243.3
Magoffin	175.0
Laurel	156.0
Whitley	153.2
Bell	144.9
Union	143.0
Owsley	142.4
Larue	140.9
Jackson	139.3
Leslie	130.2
Floyd	128.5
Allen	125.3
Perry	124.2
Marshall	123.6
Graves	118.1
Taylor	115.9
Wolfe	113.8
Webster	112.6
Knox	112.4
Rockcastle	109.5
Pike	108.6
Carroll	106.2
McCreary	106.1
Logan	105.9
Fleming	104.8
Henry	104.5
McLean	104.0
Menifee	103.5
Warren	102.7
Washington	101.6

County	Rate
Marion	101.5
Grayson	101.1
Nelson	100.7
Henderson	98.9
Spencer	98.2
Mercer	97.0
Lee	96.5
Montgomery	96.4
Hardin	95.7
Lewis	93.6
Trimble	92.8
Knott	91.7
Elliott	91.2
Johnson	90.1
Powell	87.8
Owen	87.8
Russell	87.7
Estill	87.1
Metcalfe	85.1
Ohio	84.5
Green	83.6
Hopkins	83.1
Barren	82.3
Butler	82.1
Breckinridge	79.5
Carter	78.9
Casey	76.9
Harlan	76.3
Muhlenberg	75.1
Boyd	74.6

County	Rate
Mason	74.5
Daviess	74.2
Monroe	73.8
Greenup	70.8
Lyon	69.6
Meade	69.0
Letcher	68.9
Harrison	68.8
Nicholas	68.8
Madison	67.9
Pendleton	67.6
Breathitt	66.7
Jessamine	65.2
McCracken	65.1
Bourbon	65.0
Cumberland	64.8
Gallatin	64.4
Lawrence	63.4
Lincoln	59.9
Boyle	59.9
Hart	59.3
Fayette	58.6
Shelby	58.3
Franklin	57.4
Jefferson	57.4
Bullitt	56.5
Garrard	55.8
Hancock	55.7
Bath	54.9
Caldwell	53.8

County	Rate
Pulaski	53.6
Anderson	52.1
Clark	51.6
Rowan	50.8
Todd	50.0
Grant	48.4
Oldham	47.7
Ballard	47.1
Scott	45.6
Crittenden	45.4
Calloway	45.4
Morgan	45.1
Bracken	44.7
Livingston	43.5
Simpson	42.3
Boone	40.5
Martin	37.0
Adair	35.7
Trigg	33.2
Kenton	32.9
Edmonson	31.7
Christian	30.6
Woodford	30.5
Carlisle	30.0
Campbell	29.0
Fulton	23.9
Wayne	21.1
Hickman	16.3
Clinton	8.4
Robertson	6.8

Current Overall Incidence Rate
71.56 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.