

KY COVID-19 Report 22AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	540,447	400,061	140,386
Deaths	7,541	6,761	780
New Cases	2,630	2,066	564
New Cases 18 and Under	775	598	177
Total New Deaths	9	9	0

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
27,990	5.2%	0-9	0.0%	1
62,731	11.6%	10-19	0.0%	1
97,465	18.0%	20-29	0.2%	13
84,335	15.6%	30-39	0.6%	47
80,710	14.9%	40-49	2.3%	173
75,844	14.0%	50-59	6.4%	483
57,068	10.6%	60-69	17.5%	1,319
33,590	6.2%	70-79	27.6%	2,080
20,494	3.8%	80+	45.4%	3,424
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%	580
376	0.1%	Pacific Islander	0.1%	4
384,156	85.5%	White	88.9%	6,431
22,432	5.0%	Multiracial	2.4%	172

Cases	Case Percent	Ethnicity	Death Percent	Deaths
22,271	5.1%	Hispanic	1.6%	113
411,110	94.9%	Non-Hispanic	98.4%	6,874

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

Race known for 83.2% of cases and 95.9% of deaths

Ethnicity known for 80.2% 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
15,498	119,147	13.01%

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
7,736,183	6,020,622	361,850	1,193,493	660,741	470,071	41,193	149,477

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	25,276	4.68%
Ever ICU	5,081	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	1,845
ICU	506
On Ventilator	286

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,153	4,759	65.8%
ICU Beds	1,259	733	63.2%
Ventilators	665	1,154	36.6%

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	100	30	16	11.8%	29.4%	16.2%	59.55%	76.47%	28.28%
Region 2	140	40	21	16.8%	32.8%	24.4%	66.11%	60.66%	41.86%
Region 3	549	153	85	14.2%	28.5%	19.2%	70.24%	67.35%	42.08%
Region 4	110	34	25	12.9%	31.5%	20.8%	54.11%	75.93%	29.17%
Region 5	351	106	66	10.9%	18.8%	12.5%	65.05%	56.74%	46.50%
Region 6	128	23	9	9.9%	13.1%	7.9%	72.18%	40.00%	13.16%
Region 7	97	24	10	14.9%	26.7%	8.3%	75.96%	58.89%	12.40%
Region 8	200	50	29	16.7%	36.8%	19.7%	61.74%	83.09%	40.14%
Region 9	130	34	17	19.5%	29.8%	17.0%	62.16%	58.77%	23.00%
Region 10	40	12	8	8.3%	26.7%	13.1%	50.21%	91.11%	36.07%

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	92,761	17.2%
Fayette	40,923	7.6%
Warren	19,134	3.5%
Kenton	18,332	3.4%
Boone	15,909	2.9%
Daviess	13,067	2.4%
Hardin	12,326	2.3%
Madison	11,029	2.0%
Laurel	9,740	1.8%
Campbell	9,511	1.8%
Bullitt	8,628	1.6%
Oldham	8,460	1.6%
McCracken	8,026	1.5%
Christian	7,779	1.4%
Pulaski	7,759	1.4%
Pike	7,291	1.3%
Scott	6,132	1.1%
Henderson	6,073	1.1%
Nelson	6,022	1.1%
Boyd	5,956	1.1%
Hopkins	5,771	1.1%
Jessamine	5,568	1.0%
Shelby	5,533	1.0%
Barren	5,456	1.0%
Graves	5,293	1.0%
Whitley	5,238	1.0%
Franklin	4,960	0.9%
Knox	4,659	0.9%
Floyd	4,654	0.9%
Greenup	4,356	0.8%

County	Cases	Percent
Calloway	4,167	0.8%
Boyle	3,973	0.7%
Muhlenberg	3,908	0.7%
Bell	3,860	0.7%
Clay	3,774	0.7%
Taylor	3,758	0.7%
Marshall	3,754	0.7%
Logan	3,697	0.7%
Clark	3,642	0.7%
Perry	3,497	0.6%
Montgomery	3,458	0.6%
Harlan	3,393	0.6%
Mercer	3,085	0.6%
Carter	3,026	0.6%
Ohio	3,026	0.6%
Grant	2,906	0.5%
Lincoln	2,904	0.5%
Grayson	2,784	0.5%
Marion	2,755	0.5%
Allen	2,594	0.5%
Rowan	2,590	0.5%
Johnson	2,571	0.5%
Woodford	2,550	0.5%
Hart	2,502	0.5%
Letcher	2,501	0.5%
Meade	2,483	0.5%
Morgan	2,481	0.5%
Simpson	2,414	0.4%
Wayne	2,386	0.4%
McCreary	2,346	0.4%

County	Cases	Percent
Adair	2,276	0.4%
Russell	2,162	0.4%
Anderson	2,136	0.4%
Bourbon	2,091	0.4%
Harrison	2,089	0.4%
Spencer	2,034	0.4%
Mason	1,997	0.4%
Rockcastle	1,957	0.4%
Union	1,909	0.4%
Casey	1,826	0.3%
Webster	1,819	0.3%
Garrard	1,794	0.3%
Washington	1,793	0.3%
Jackson	1,782	0.3%
Henry	1,761	0.3%
Lawrence	1,725	0.3%
Breckinridge	1,713	0.3%
Lewis	1,686	0.3%
Caldwell	1,685	0.3%
Larue	1,680	0.3%
Butler	1,675	0.3%
Lyon	1,670	0.3%
Powell	1,545	0.3%
Clinton	1,530	0.3%
Fleming	1,530	0.3%
Monroe	1,525	0.3%
Knott	1,508	0.3%
Green	1,491	0.3%
Trigg	1,482	0.3%
Lee	1,407	0.3%

County	Cases	Percent
Estill	1,398	0.3%
Magoffin	1,375	0.3%
Todd	1,350	0.2%
Metcalfe	1,303	0.2%
Pendleton	1,288	0.2%
Carroll	1,249	0.2%
Breathitt	1,230	0.2%
Martin	1,228	0.2%
Leslie	1,217	0.2%
Bath	1,177	0.2%
Elliott	1,099	0.2%
McLean	1,081	0.2%
Hancock	1,046	0.2%
Edmonson	1,037	0.2%
Livingston	1,036	0.2%
Owen	944	0.2%
Gallatin	865	0.2%
Trimble	865	0.2%
Crittenden	815	0.2%
Bracken	788	0.1%
Cumberland	773	0.1%
Wolfe	690	0.1%
Nicholas	687	0.1%
Menifee	596	0.1%
Owsley	590	0.1%
Fulton	579	0.1%
Carlisle	543	0.1%
Ballard	501	0.1%
Hickman	428	0.1%
Robertson	251	0.0%

Total Cases
540,447

New Cases by County

County	Cases	Percent
Jefferson	397	15.1%
Warren	110	4.2%
Fayette	86	3.3%
Daviess	81	3.1%
McCracken	78	3.0%
Hardin	74	2.8%
Laurel	62	2.4%
Whitley	62	2.4%
Floyd	55	2.1%
Kenton	55	2.1%
Graves	43	1.6%
Madison	43	1.6%
Bell	42	1.6%
Pike	42	1.6%
Clay	39	1.5%
Nelson	37	1.4%
Barren	36	1.4%
Taylor	36	1.4%
Marshall	34	1.3%
Boone	30	1.1%
Henderson	30	1.1%
Bullitt	29	1.1%
Franklin	29	1.1%
Greenup	29	1.1%
Jessamine	29	1.1%
Oldham	28	1.1%
Boyd	27	1.0%
Grayson	27	1.0%
Jackson	27	1.0%
Campbell	26	1.0%

County	Cases	Percent
McCreary	25	1.0%
Logan	24	0.9%
Carter	23	0.9%
Clark	23	0.9%
Perry	23	0.9%
Breckinridge	21	0.8%
Harlan	21	0.8%
Hopkins	21	0.8%
Muhlenberg	20	0.8%
Pulaski	20	0.8%
Boyle	19	0.7%
Knox	19	0.7%
Letcher	19	0.7%
Magoffin	19	0.7%
Shelby	19	0.7%
Montgomery	18	0.7%
Bourbon	17	0.6%
Estill	17	0.6%
Christian	16	0.6%
Harrison	16	0.6%
Johnson	16	0.6%
Meade	16	0.6%
Rockcastle	16	0.6%
Wolfe	16	0.6%
Allen	15	0.6%
Lee	15	0.6%
Henry	14	0.5%
Knott	14	0.5%
Marion	13	0.5%
Scott	13	0.5%

County	Cases	Percent
Wayne	13	0.5%
Leslie	12	0.5%
Spencer	12	0.5%
Union	12	0.5%
Washington	12	0.5%
Anderson	11	0.4%
Fleming	11	0.4%
Larue	11	0.4%
Russell	11	0.4%
Breathitt	10	0.4%
Butler	10	0.4%
Mason	10	0.4%
Nicholas	10	0.4%
Rowan	10	0.4%
Simpson	10	0.4%
Hart	9	0.3%
Mercer	9	0.3%
Trimble	9	0.3%
Webster	9	0.3%
Calloway	8	0.3%
Hancock	8	0.3%
Ohio	8	0.3%
Adair	7	0.3%
Garrard	7	0.3%
Green	7	0.3%
Metcalfe	7	0.3%
Woodford	7	0.3%
Ballard	6	0.2%
Casey	6	0.2%
Lincoln	6	0.2%

County	Cases	Percent
Carroll	5	0.2%
Grant	5	0.2%
Lawrence	5	0.2%
McLean	5	0.2%
Owen	5	0.2%
Pendleton	5	0.2%
Carlisle	4	0.2%
Hickman	4	0.2%
Owsley	4	0.2%
Powell	4	0.2%
Bath	3	0.1%
Lewis	3	0.1%
Livingston	3	0.1%
Martin	3	0.1%
Morgan	3	0.1%
Trigg	3	0.1%
Clinton	2	0.1%
Edmonson	2	0.1%
Elliott	2	0.1%
Fulton	2	0.1%
Gallatin	2	0.1%
Todd	2	0.1%
Bracken	1	0.0%
Caldwell	1	0.0%
Lyon	1	0.0%
Monroe	1	0.0%
Robertson	1	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Menifee	0	0.0%

Total New Cases
2,630

Total Deaths by County

County	Deaths	Percent
Jefferson	1,383	18.3%
Fayette	325	4.3%
Kenton	213	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	94	1.2%
Bullitt	88	1.2%
Laurel	87	1.2%
Oldham	86	1.1%
Henderson	83	1.1%
Campbell	81	1.1%
Boyd	80	1.1%
Boyle	80	1.1%
Shelby	80	1.1%
Floyd	75	1.0%
Jessamine	75	1.0%
Muhlenberg	75	1.0%
Logan	74	1.0%
Perry	69	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	51	0.7%
Knox	49	0.6%
Wayne	49	0.6%
Allen	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
7,541

Incidence Rates by County

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

County	Rate
Clay	224.7
Magoffin	182.1
Whitley	163.5
Jackson	157.6
Laurel	153.2
Bell	152.6
Larue	144.9
Owsley	142.4
Union	136.1
Floyd	130.5
Allen	130.0
Leslie	128.7
Marshall	128.6
Wolfe	123.8
Taylor	123.1
Graves	120.0
Lee	119.6
Perry	119.2
McCreary	114.4
Webster	113.7
Knox	112.8
Carroll	111.5
Logan	111.2
Fleming	109.7
Pike	107.9
Marion	106.0
Warren	106.0
Nelson	105.4
McLean	104.0
Washington	100.4

County	Rate
Henry	100.1
Henderson	99.5
Rockcastle	99.3
Grayson	98.4
Menifee	96.9
Spencer	96.7
Trimble	96.1
Hardin	94.9
Knott	92.6
Estill	92.2
Montgomery	91.8
Mercer	91.2
Owen	90.4
Breckinridge	90.0
Butler	87.6
Johnson	86.9
Lewis	86.1
Barren	84.9
Hopkins	83.4
Harlan	82.9
Metcalfe	82.3
Ohio	81.6
Carter	81.0
Powell	80.9
Mason	80.3
Green	78.3
Bourbon	76.5
McCracken	76.4
Daviess	76.3
Elliott	76.0

County	Rate
Russell	75.7
Casey	75.1
Muhlenberg	74.6
Boyd	74.0
Greenup	73.7
Meade	73.0
Nicholas	72.7
Monroe	72.4
Breathitt	71.3
Harrison	71.1
Letcher	70.3
Pendleton	68.5
Lyon	67.9
Gallatin	67.7
Madison	67.6
Jessamine	66.8
Cumberland	64.8
Lawrence	64.4
Boyle	63.2
Hancock	62.2
Jefferson	58.4
Shelby	56.8
Lincoln	56.4
Franklin	56.0
Fayette	56.0
Hart	55.5
Bullitt	55.4
Bath	54.9
Clark	53.2
Anderson	52.8

County	Rate
Caldwell	52.7
Ballard	52.5
Todd	52.3
Garrard	50.1
Pulaski	47.3
Oldham	47.3
Simpson	46.9
Rowan	46.7
Livingston	45.1
Bracken	44.7
Grant	43.9
Scott	43.6
Calloway	43.2
Crittenden	42.2
Morgan	40.8
Boone	39.9
Martin	39.6
Carlisle	36.0
Adair	35.0
Trigg	33.2
Kenton	32.8
Edmonson	31.7
Woodford	31.5
Campbell	30.4
Wayne	30.2
Christian	30.2
Hickman	29.4
Fulton	23.9
Robertson	13.6
Clinton	11.2

Current Overall Incidence Rate
72.09 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.