

KY COVID-19 Report 18AUG21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	525,746	389,397	136,349
Deaths	7,468	6,695	773
New Cases	3,576	2,542	1,034
New Cases 18 and Under	987	691	296
Total New Deaths	9	8	1

Duplicates and records not meeting case criteria removed since last report: 39

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
26,382	5.0%	0-9	0.0%	1
59,948	11.4%	10-19	0.0%	1
95,157	18.1%	20-29	0.2%	13
82,001	15.6%	30-39	0.6%	46
78,812	15.0%	40-49	2.3%	171
74,229	14.1%	50-59	6.4%	475
55,869	10.6%	60-69	17.5%	1,304
32,928	6.3%	70-79	27.5%	2,057
20,199	3.8%	80+	45.5%	3,400
221	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,145	0.3%	American Indian	0.1%	8
4,510	1.0%	Asian	0.5%	37
36,429	8.2%	Black	8.0%	570
376	0.1%	Pacific Islander	0.1%	4
378,521	85.4%	White	89.0%	6,369
22,053	5.0%	Multiracial	2.4%	172

Cases	Case Percent	Ethnicity	Death Percent	Deaths
21,943	5.2%	Hispanic	1.6%	113
401,063	94.8%	Non-Hispanic	98.4%	6,802

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.3% of cases and 95.9% of deaths
Ethnicity known for 80.5% of cases and 92.6% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs
12,863	102,130

Positivity Rate
12.59%

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
7,606,685	5,931,984	358,052	1,160,139	643,162	457,855	40,196	145,111

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	25,135	4.78%
Ever ICU	5,059	0.96%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,658
ICU	466
On Ventilator	229

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,272	4,085	69.4%
ICU Beds	1,263	552	69.6%
Ventilators	621	1,188	34.3%

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	87	37	11	11.0%	36.3%	11.1%	63.89%	82.35%	18.18%
Region 2	123	42	21	14.9%	34.4%	24.4%	72.21%	65.57%	40.70%
Region 3	495	140	67	12.8%	26.3%	15.2%	70.49%	67.92%	38.46%
Region 4	106	30	18	12.4%	27.8%	15.3%	55.87%	75.93%	26.27%
Region 5	305	88	51	11.0%	21.2%	9.9%	77.76%	74.52%	43.60%
Region 6	113	20	6	8.8%	11.4%	5.4%	75.81%	43.43%	25.89%
Region 7	75	21	13	12.0%	32.8%	10.6%	69.22%	62.50%	15.45%
Region 8	194	43	23	16.2%	31.6%	15.4%	58.40%	86.03%	35.57%
Region 9	129	33	15	19.4%	28.9%	14.9%	65.17%	62.28%	21.78%
Region 10	31	12	4	6.5%	26.7%	6.3%	57.38%	91.11%	30.16%

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	90,713	17.3%
Fayette	40,181	7.6%
Warren	18,512	3.5%
Kenton	18,070	3.4%
Boone	15,672	3.0%
Daviess	12,699	2.4%
Hardin	11,860	2.3%
Madison	10,732	2.0%
Campbell	9,379	1.8%
Laurel	9,337	1.8%
Bullitt	8,430	1.6%
Oldham	8,318	1.6%
McCracken	7,777	1.5%
Christian	7,698	1.5%
Pulaski	7,640	1.5%
Pike	6,994	1.3%
Scott	6,015	1.1%
Henderson	5,883	1.1%
Boyd	5,809	1.1%
Nelson	5,787	1.1%
Hopkins	5,631	1.1%
Shelby	5,418	1.0%
Jessamine	5,402	1.0%
Barren	5,287	1.0%
Graves	5,099	1.0%
Whitley	4,973	0.9%
Franklin	4,830	0.9%
Knox	4,463	0.8%
Floyd	4,431	0.8%
Greenup	4,233	0.8%

County	Cases	Percent
Calloway	4,109	0.8%
Boyle	3,872	0.7%
Muhlenberg	3,791	0.7%
Bell	3,672	0.7%
Taylor	3,593	0.7%
Clay	3,587	0.7%
Marshall	3,572	0.7%
Logan	3,558	0.7%
Clark	3,551	0.7%
Perry	3,372	0.6%
Montgomery	3,366	0.6%
Harlan	3,288	0.6%
Mercer	3,003	0.6%
Ohio	2,930	0.6%
Carter	2,928	0.6%
Grant	2,851	0.5%
Lincoln	2,832	0.5%
Marion	2,677	0.5%
Grayson	2,645	0.5%
Rowan	2,520	0.5%
Woodford	2,513	0.5%
Johnson	2,480	0.5%
Allen	2,467	0.5%
Hart	2,454	0.5%
Morgan	2,448	0.5%
Letcher	2,426	0.5%
Meade	2,397	0.5%
Simpson	2,379	0.5%
Wayne	2,359	0.4%
Adair	2,225	0.4%

County	Cases	Percent
McCreary	2,224	0.4%
Russell	2,102	0.4%
Anderson	2,085	0.4%
Harrison	2,029	0.4%
Bourbon	2,021	0.4%
Spencer	1,953	0.4%
Mason	1,937	0.4%
Rockcastle	1,879	0.4%
Union	1,809	0.3%
Casey	1,762	0.3%
Webster	1,756	0.3%
Garrard	1,737	0.3%
Washington	1,736	0.3%
Henry	1,698	0.3%
Lawrence	1,687	0.3%
Jackson	1,672	0.3%
Lyon	1,652	0.3%
Caldwell	1,648	0.3%
Lewis	1,637	0.3%
Butler	1,634	0.3%
Breckinridge	1,608	0.3%
Larue	1,597	0.3%
Clinton	1,513	0.3%
Powell	1,492	0.3%
Monroe	1,489	0.3%
Fleming	1,455	0.3%
Trigg	1,455	0.3%
Knott	1,447	0.3%
Green	1,433	0.3%
Lee	1,362	0.3%

County	Cases	Percent
Estill	1,332	0.3%
Todd	1,322	0.3%
Magoffin	1,277	0.2%
Metcalfe	1,269	0.2%
Pendleton	1,249	0.2%
Martin	1,216	0.2%
Breathitt	1,189	0.2%
Carroll	1,187	0.2%
Leslie	1,175	0.2%
Bath	1,140	0.2%
Elliott	1,076	0.2%
McLean	1,040	0.2%
Edmonson	1,021	0.2%
Hancock	1,020	0.2%
Livingston	1,014	0.2%
Owen	892	0.2%
Gallatin	833	0.2%
Trimble	832	0.2%
Crittenden	794	0.2%
Bracken	772	0.1%
Cumberland	756	0.1%
Nicholas	658	0.1%
Wolfe	648	0.1%
Fulton	571	0.1%
Menifee	569	0.1%
Owsley	560	0.1%
Carlisle	533	0.1%
Ballard	476	0.1%
Hickman	420	0.1%
Robertson	249	0.0%

Total Cases
525,746

New Cases by County

County	Cases	Percent
Jefferson	422	11.8%
Fayette	209	5.8%
Warren	166	4.6%
Hardin	107	3.0%
Laurel	103	2.9%
Daviess	92	2.6%
McCracken	79	2.2%
Madison	72	2.0%
Whitley	68	1.9%
Boone	66	1.8%
Henderson	61	1.7%
Pike	58	1.6%
Kenton	57	1.6%
Hopkins	54	1.5%
Perry	54	1.5%
Marshall	52	1.5%
Bullitt	51	1.4%
Boyd	47	1.3%
Pulaski	47	1.3%
Oldham	43	1.2%
Nelson	42	1.2%
Floyd	38	1.1%
Carter	37	1.0%
Magoffin	37	1.0%
Shelby	37	1.0%
Lincoln	36	1.0%
Allen	35	1.0%
Christian	35	1.0%
Jessamine	35	1.0%
Clay	34	1.0%

County	Cases	Percent
Franklin	34	1.0%
Bell	33	0.9%
Campbell	33	0.9%
Scott	33	0.9%
Graves	32	0.9%
Barren	31	0.9%
Johnson	29	0.8%
Lewis	29	0.8%
Mercer	29	0.8%
Montgomery	29	0.8%
Rockcastle	28	0.8%
Logan	27	0.8%
Knox	25	0.7%
Larue	25	0.7%
Russell	25	0.7%
Spencer	25	0.7%
Fleming	23	0.6%
Harlan	23	0.6%
Taylor	23	0.6%
Union	23	0.6%
Webster	22	0.6%
Bourbon	21	0.6%
Elliott	21	0.6%
Clark	20	0.6%
Breckinridge	19	0.5%
Henry	19	0.5%
Jackson	19	0.5%
Leslie	19	0.5%
Muhlenberg	19	0.5%
Calloway	18	0.5%

County	Cases	Percent
Casey	18	0.5%
Green	17	0.5%
Greenup	17	0.5%
Knott	17	0.5%
Marion	17	0.5%
Lawrence	16	0.4%
Ohio	16	0.4%
Wayne	16	0.4%
Anderson	15	0.4%
Breathitt	15	0.4%
Butler	15	0.4%
Cumberland	15	0.4%
Mason	15	0.4%
Harrison	14	0.4%
Meade	13	0.4%
Menifee	13	0.4%
Pendleton	13	0.4%
Boyle	12	0.3%
Carroll	12	0.3%
McLean	12	0.3%
Metcalfe	12	0.3%
Trimble	12	0.3%
Grant	10	0.3%
Hart	10	0.3%
Letcher	10	0.3%
Livingston	10	0.3%
McCreary	10	0.3%
Owen	10	0.3%
Todd	10	0.3%
Washington	10	0.3%

County	Cases	Percent
Martin	9	0.3%
Monroe	9	0.3%
Wolfe	9	0.3%
Bath	8	0.2%
Crittenden	8	0.2%
Rowan	8	0.2%
Estill	7	0.2%
Gallatin	7	0.2%
Lee	7	0.2%
Powell	7	0.2%
Adair	6	0.2%
Bracken	6	0.2%
Garrard	6	0.2%
Simpson	6	0.2%
Grayson	5	0.1%
Hancock	5	0.1%
Morgan	4	0.1%
Owsley	4	0.1%
Caldwell	3	0.1%
Clinton	3	0.1%
Lyon	3	0.1%
Nicholas	3	0.1%
Woodford	3	0.1%
Ballard	2	0.1%
Fulton	2	0.1%
Hickman	2	0.1%
Edmonson	1	0.0%
Trigg	1	0.0%
Carlisle	0	0.0%
Robertson	0	0.0%

Total New Cases
3,576

Total Deaths by County

County	Deaths	Percent
Jefferson	1,362	18.2%
Fayette	322	4.3%
Kenton	211	2.8%
Daviess	207	2.8%
Warren	195	2.6%
Hardin	174	2.3%
Hopkins	156	2.1%
Boone	155	2.1%
McCracken	138	1.8%
Pulaski	123	1.6%
Madison	113	1.5%
Pike	113	1.5%
Barren	108	1.4%
Christian	108	1.4%
Graves	101	1.4%
Harlan	93	1.2%
Bullitt	87	1.2%
Laurel	86	1.2%
Oldham	85	1.1%
Henderson	82	1.1%
Boyle	80	1.1%
Campbell	80	1.1%
Shelby	79	1.1%
Boyd	77	1.0%
Floyd	75	1.0%
Jessamine	75	1.0%
Logan	74	1.0%
Muhlenberg	73	1.0%
Perry	68	0.9%
Marshall	65	0.9%

County	Deaths	Percent
Greenup	63	0.8%
Nelson	63	0.8%
Whitley	63	0.8%
Lincoln	62	0.8%
Franklin	61	0.8%
Grayson	59	0.8%
Bell	58	0.8%
Adair	57	0.8%
Ohio	57	0.8%
Hart	54	0.7%
Taylor	53	0.7%
Calloway	52	0.7%
Mercer	52	0.7%
Letcher	49	0.7%
Wayne	48	0.6%
Allen	47	0.6%
Knox	47	0.6%
Clay	46	0.6%
Russell	46	0.6%
Monroe	45	0.6%
Lewis	44	0.6%
Simpson	44	0.6%
Mason	41	0.5%
Washington	41	0.5%
Casey	40	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%
Jackson	32	0.4%
Montgomery	32	0.4%
Clinton	31	0.4%
Metcalfe	31	0.4%
McLean	30	0.4%
Larue	29	0.4%
Lawrence	29	0.4%
Butler	28	0.4%
Todd	28	0.4%
Harrison	27	0.4%
Meade	27	0.4%
Crittenden	26	0.3%
Fleming	26	0.3%
Lee	26	0.3%
Livingston	26	0.3%
Spencer	26	0.3%
Anderson	25	0.3%
Edmonson	25	0.3%
Knott	25	0.3%
Webster	25	0.3%
Bath	24	0.3%
Rockcastle	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	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%
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	10	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
7,468

Incidence Rates by County

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

County	Rate
Clay	227.6
Magoffin	153.9
Union	141.1
Laurel	136.0
Floyd	131.7
Whitley	121.7
Bell	118.5
Leslie	117.2
Perry	117.0
Logan	110.2
Graves	109.6
Wolfe	105.8
Larue	105.2
Montgomery	98.4
Henry	98.3
Marshall	97.8
Jackson	97.5
Washington	95.7
McCreary	95.3
Allen	95.2
Knott	92.6
Russell	91.7
Pendleton	90.1
Webster	89.4
Mercer	89.2
Marion	88.9
Green	88.8
Lewis	88.2
Carroll	86.0
Menifee	85.9

County	Rate
Spencer	85.6
Pike	84.9
Warren	84.6
Owsley	84.1
Nelson	83.1
Trimble	82.6
Rockcastle	80.4
Hardin	79.8
Knox	79.4
Owen	78.6
Henderson	77.7
Grayson	76.2
Elliott	76.0
Taylor	74.8
Fleming	72.5
Metcalfe	72.3
Estill	71.9
Casey	71.6
McLean	71.4
Lawrence	70.9
Barren	70.4
Lincoln	69.8
Muhlenberg	69.5
Hart	69.0
Harrison	68.8
Butler	68.8
Letcher	68.3
Ohio	66.7
Anderson	66.6
Boyd	65.7

County	Rate
Powell	64.7
Hopkins	64.6
Daviess	63.5
Mason	62.8
Hancock	62.2
Monroe	60.4
Carter	59.7
Johnson	59.2
Breathitt	58.8
Madison	58.4
Shelby	58.0
Jessamine	57.5
Lyon	57.4
Greenup	57.0
Pulaski	56.9
Lee	56.0
Franklin	55.5
Adair	53.6
Meade	53.5
Bracken	53.3
McCracken	52.8
Bourbon	52.7
Cumberland	51.8
Fayette	50.4
Breckinridge	50.2
Clark	49.6
Bullitt	49.1
Harlan	48.9
Martin	48.5
Scott	48.1

County	Rate
Garrard	47.7
Jefferson	47.5
Morgan	47.2
Calloway	45.4
Caldwell	44.8
Boyle	44.7
Todd	44.2
Nicholas	43.2
Crittenden	42.2
Gallatin	41.9
Rowan	41.5
Oldham	40.6
Grant	40.5
Simpson	37.7
Boone	36.6
Ballard	36.2
Livingston	34.2
Christian	34.1
Woodford	33.7
Bath	32.0
Trigg	31.2
Edmonson	30.6
Kenton	30.1
Wayne	29.5
Campbell	23.5
Carlisle	21.0
Hickman	19.6
Fulton	19.1
Robertson	13.6
Clinton	11.2

Current Overall Incidence Rate
61.79 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.