

KY COVID-19 Report 31JUL21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	484,160	361,720	122,440
Deaths	7,340	6,578	762
New Cases	1,571	1,027	544
New Cases 18 and Under	313	194	119
Total New Deaths	6	6	0

Duplicates and records not meeting case criteria removed since last report: 10

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
22,416	4.6%	0-9	0.0%	1
53,791	11.1%	10-19	0.0%	1
87,869	18.1%	20-29	0.1%	10
75,131	15.5%	30-39	0.5%	40
72,864	15.0%	40-49	2.1%	156
69,355	14.3%	50-59	6.3%	462
52,319	10.8%	60-69	17.3%	1,270
30,918	6.4%	70-79	27.6%	2,023
19,278	4.0%	80+	46.0%	3,377
219	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,018	0.2%	American Indian	0.1%	8
4,361	1.1%	Asian	0.5%	35
33,884	8.3%	Black	8.0%	561
375	0.1%	Pacific Islander	0.0%	3
349,402	85.3%	White	89.0%	6,261
20,440	5.0%	Multiracial	2.4%	170

Cases	Case Percent	Ethnicity	Death Percent	Deaths
20,971	5.4%	Hispanic	1.6%	111
369,347	94.6%	Non-Hispanic	98.4%	6,681

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.6% of cases and 95.9% of deaths
Ethnicity known for 80.6% of cases and 92.5% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
5,007	53,399	9.38%

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
7,211,210	5,673,656	348,755	1,044,710	593,110	425,943	37,620	129,547

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	24,333	5.03%
Ever ICU	4,936	1.02%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	671
ICU	199
On Ventilator	91

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,913	4,338	67.3%
ICU Beds	1,156	659	63.7%
Ventilators	510	1,258	28.8%

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	53	19	14	6.7%	18.6%	14.1%	63.38%	71.57%	21.21%
Region 2	53	17	9	6.4%	13.9%	10.6%	60.44%	56.56%	22.35%
Region 3	187	49	24	5.0%	9.2%	5.4%	71.33%	61.16%	29.25%
Region 4	37	15	6	4.3%	13.9%	5.6%	54.23%	70.37%	20.37%
Region 5	121	33	15	4.4%	7.9%	3.1%	75.95%	68.75%	43.76%
Region 6	37	9	6	2.9%	5.1%	5.6%	68.14%	43.43%	39.25%
Region 7	27	6	1	4.3%	9.4%	0.8%	62.68%	51.56%	6.50%
Region 8	82	22	10	6.9%	16.2%	6.7%	64.24%	80.88%	24.83%
Region 9	56	16	4	8.4%	14.0%	4.0%	61.26%	58.77%	9.90%
Region 10	18	13	2	3.8%	28.9%	3.0%	45.78%	88.89%	12.12%

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	85,376	17.6%
Fayette	37,804	7.8%
Kenton	17,231	3.6%
Warren	17,034	3.5%
Boone	14,857	3.1%
Daviess	11,605	2.4%
Hardin	10,575	2.2%
Madison	9,982	2.1%
Campbell	8,977	1.9%
Laurel	8,156	1.7%
Oldham	7,917	1.6%
Bullitt	7,770	1.6%
Christian	7,297	1.5%
McCracken	7,185	1.5%
Pulaski	6,991	1.4%
Pike	6,181	1.3%
Scott	5,609	1.2%
Boyd	5,348	1.1%
Henderson	5,294	1.1%
Nelson	5,226	1.1%
Hopkins	5,154	1.1%
Shelby	4,956	1.0%
Jessamine	4,930	1.0%
Barren	4,768	1.0%
Graves	4,576	0.9%
Franklin	4,375	0.9%
Whitley	4,368	0.9%
Knox	4,090	0.8%
Greenup	3,924	0.8%
Floyd	3,799	0.8%

County	Cases	Percent
Calloway	3,778	0.8%
Boyle	3,618	0.7%
Muhlenberg	3,435	0.7%
Taylor	3,304	0.7%
Bell	3,294	0.7%
Clark	3,237	0.7%
Logan	3,118	0.6%
Marshall	3,079	0.6%
Harlan	3,062	0.6%
Clay	3,014	0.6%
Perry	2,951	0.6%
Montgomery	2,936	0.6%
Mercer	2,730	0.6%
Ohio	2,665	0.6%
Grant	2,659	0.5%
Carter	2,588	0.5%
Lincoln	2,515	0.5%
Marion	2,465	0.5%
Rowan	2,364	0.5%
Grayson	2,355	0.5%
Morgan	2,344	0.5%
Woodford	2,339	0.5%
Simpson	2,279	0.5%
Wayne	2,260	0.5%
Allen	2,230	0.5%
Johnson	2,210	0.5%
Meade	2,196	0.5%
Hart	2,194	0.5%
Letcher	2,163	0.4%
Adair	2,057	0.4%

County	Cases	Percent
McCreary	2,047	0.4%
Russell	1,929	0.4%
Anderson	1,894	0.4%
Harrison	1,876	0.4%
Bourbon	1,853	0.4%
Mason	1,808	0.4%
Spencer	1,719	0.4%
Rockcastle	1,708	0.4%
Garrard	1,608	0.3%
Casey	1,579	0.3%
Lyon	1,573	0.3%
Washington	1,555	0.3%
Webster	1,544	0.3%
Lawrence	1,539	0.3%
Union	1,533	0.3%
Caldwell	1,525	0.3%
Butler	1,514	0.3%
Clinton	1,471	0.3%
Jackson	1,469	0.3%
Lewis	1,463	0.3%
Henry	1,456	0.3%
Larue	1,416	0.3%
Breckinridge	1,414	0.3%
Powell	1,379	0.3%
Monroe	1,377	0.3%
Trigg	1,353	0.3%
Lee	1,318	0.3%
Fleming	1,304	0.3%
Green	1,290	0.3%
Knott	1,262	0.3%

County	Cases	Percent
Estill	1,220	0.3%
Todd	1,211	0.3%
Metcalfe	1,130	0.2%
Martin	1,119	0.2%
Pendleton	1,097	0.2%
Breathitt	1,084	0.2%
Bath	1,082	0.2%
Carroll	1,070	0.2%
Magoffin	1,058	0.2%
Leslie	1,014	0.2%
Elliott	1,002	0.2%
Edmonson	947	0.2%
McLean	942	0.2%
Livingston	939	0.2%
Hancock	938	0.2%
Owen	779	0.2%
Gallatin	772	0.2%
Trimble	737	0.2%
Crittenden	723	0.1%
Cumberland	702	0.1%
Bracken	693	0.1%
Nicholas	619	0.1%
Fulton	557	0.1%
Wolfe	556	0.1%
Owsley	519	0.1%
Carlisle	497	0.1%
Menifee	496	0.1%
Ballard	428	0.1%
Hickman	407	0.1%
Robertson	243	0.1%

Total Cases
484,160

New Cases by County

County	Cases	Percent
Jefferson	202	12.9%
Fayette	118	7.5%
Laurel	57	3.6%
Daviess	56	3.6%
Hardin	45	2.9%
Warren	43	2.7%
Floyd	36	2.3%
McCracken	32	2.0%
Carter	30	1.9%
Kenton	28	1.8%
McCreary	26	1.7%
Henderson	25	1.6%
Knox	25	1.6%
Boone	22	1.4%
Nelson	22	1.4%
Bullitt	21	1.3%
Calloway	21	1.3%
Shelby	21	1.3%
Christian	20	1.3%
Madison	20	1.3%
Whitley	20	1.3%
Boyd	19	1.2%
Muhlenberg	19	1.2%
Bell	18	1.1%
Pulaski	18	1.1%
Scott	18	1.1%
Taylor	18	1.1%
Clay	16	1.0%
Greenup	16	1.0%
Marshall	15	1.0%

County	Cases	Percent
Ohio	15	1.0%
Oldham	15	1.0%
Boyle	14	0.9%
Hopkins	14	0.9%
Campbell	13	0.8%
Graves	13	0.8%
Letcher	13	0.8%
Mercer	13	0.8%
Pike	13	0.8%
Franklin	12	0.8%
Hart	12	0.8%
Jessamine	12	0.8%
Adair	11	0.7%
Clark	11	0.7%
Webster	11	0.7%
Barren	10	0.6%
Green	10	0.6%
Harrison	10	0.6%
Perry	10	0.6%
Woodford	10	0.6%
Harlan	9	0.6%
Larue	9	0.6%
Leslie	9	0.6%
Anderson	8	0.5%
Hancock	8	0.5%
Lewis	8	0.5%
Logan	8	0.5%
Russell	8	0.5%
Butler	7	0.4%
Carroll	7	0.4%

County	Cases	Percent
Henry	7	0.4%
Johnson	7	0.4%
Mason	7	0.4%
Metcalfe	7	0.4%
Rockcastle	7	0.4%
Trimble	7	0.4%
Union	7	0.4%
Washington	7	0.4%
Allen	6	0.4%
Casey	6	0.4%
Jackson	6	0.4%
Martin	6	0.4%
Pendleton	6	0.4%
Todd	6	0.4%
Bracken	5	0.3%
Breckinridge	5	0.3%
Elliott	5	0.3%
Grayson	5	0.3%
Knott	5	0.3%
Montgomery	5	0.3%
Simpson	5	0.3%
Caldwell	4	0.3%
Clinton	4	0.3%
Garrard	4	0.3%
Grant	4	0.3%
McLean	4	0.3%
Marion	4	0.3%
Monroe	4	0.3%
Powell	4	0.3%
Spencer	4	0.3%

County	Cases	Percent
Estill	3	0.2%
Lee	3	0.2%
Rowan	3	0.2%
Wolfe	3	0.2%
Bourbon	2	0.1%
Carlisle	2	0.1%
Fulton	2	0.1%
Gallatin	2	0.1%
Lawrence	2	0.1%
Lincoln	2	0.1%
Livingston	2	0.1%
Meade	2	0.1%
Bath	1	0.1%
Crittenden	1	0.1%
Edmonson	1	0.1%
Fleming	1	0.1%
Lyon	1	0.1%
Morgan	1	0.1%
Nicholas	1	0.1%
Owen	1	0.1%
Trigg	1	0.1%
Wayne	1	0.1%
Ballard	0	0.0%
Breathitt	0	0.0%
Cumberland	0	0.0%
Hickman	0	0.0%
Magoffin	0	0.0%
Menifee	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%

Total New Cases
1,571

Total Deaths by County

County	Deaths	Percent
Jefferson	1,347	18.4%
Fayette	318	4.3%
Kenton	209	2.8%
Daviess	196	2.7%
Warren	192	2.6%
Hardin	172	2.3%
Hopkins	152	2.1%
Boone	149	2.0%
McCracken	135	1.8%
Pulaski	116	1.6%
Madison	113	1.5%
Pike	112	1.5%
Christian	108	1.5%
Barren	105	1.4%
Graves	98	1.3%
Harlan	93	1.3%
Oldham	85	1.2%
Bullitt	83	1.1%
Laurel	82	1.1%
Campbell	80	1.1%
Henderson	79	1.1%
Shelby	79	1.1%
Boyle	78	1.1%
Boyd	77	1.0%
Jessamine	75	1.0%
Floyd	74	1.0%
Logan	74	1.0%
Muhlenberg	70	1.0%
Perry	66	0.9%
Greenup	63	0.9%

County	Deaths	Percent
Marshall	63	0.9%
Nelson	63	0.9%
Whitley	62	0.8%
Lincoln	61	0.8%
Franklin	60	0.8%
Bell	58	0.8%
Grayson	58	0.8%
Ohio	55	0.7%
Adair	54	0.7%
Hart	54	0.7%
Mercer	54	0.7%
Taylor	53	0.7%
Calloway	50	0.7%
Wayne	48	0.7%
Knox	47	0.6%
Letcher	47	0.6%
Allen	46	0.6%
Clay	46	0.6%
Russell	46	0.6%
Monroe	44	0.6%
Simpson	44	0.6%
Lewis	41	0.6%
Washington	41	0.6%
Mason	40	0.5%
Casey	39	0.5%
Marion	39	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	0.4%
Caldwell	32	0.4%
Clark	32	0.4%
Jackson	32	0.4%
Clinton	31	0.4%
Metcalfe	31	0.4%
Montgomery	30	0.4%
Larue	29	0.4%
McLean	29	0.4%
Butler	28	0.4%
Lawrence	28	0.4%
Todd	28	0.4%
Harrison	27	0.4%
Meade	27	0.4%
Lee	26	0.4%
Edmonson	25	0.3%
Fleming	25	0.3%
Knott	25	0.3%
Livingston	25	0.3%
Spencer	25	0.3%
Anderson	24	0.3%
Bath	24	0.3%
Crittenden	24	0.3%
Rockcastle	24	0.3%
Webster	23	0.3%
Grant	22	0.3%
Lyon	22	0.3%
Rowan	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%
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%
Robertson	14	0.2%
Owen	13	0.2%
Powell	13	0.2%
Cumberland	12	0.2%
Estill	12	0.2%
Breathitt	11	0.1%
Ballard	10	0.1%
Carlisle	10	0.1%
Leslie	9	0.1%
Nicholas	9	0.1%
Bracken	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
7,340

Incidence Rates by County

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

County	Rate
Clay	119.9
Jackson	85.7
Muhlenberg	64.8
Floyd	63.0
Knox	62.8
Letcher	62.3
Laurel	61.5
Knott	54.0
Metcalf	53.9
Hart	53.3
Webster	51.9
Carter	47.4
Henderson	46.8
Whitley	46.5
Hopkins	45.1
Union	44.7
Ohio	44.7
Washington	43.7
Fleming	41.1
Simpson	40.8
Leslie	40.5
Bell	39.5
Daviess	38.8
McLean	37.2
Nelson	37.1
Martin	37.0
Marshall	36.3
Logan	35.8
Green	35.3
Perry	34.9

County	Rate
Calloway	34.4
Barren	33.9
Henry	32.8
Lewis	32.3
Allen	32.2
Trimble	32.0
Hardin	31.9
Warren	31.4
Adair	31.2
Shelby	30.9
Breckinridge	30.7
Spencer	30.3
Taylor	29.9
McCreary	29.0
Harlan	28.6
Anderson	28.3
Carroll	28.2
Pulaski	28.1
Boyd	28.1
Lincoln	27.9
Franklin	27.7
Johnson	27.7
Greenup	27.7
Bracken	27.5
Madison	27.5
Mercer	27.4
Robertson	27.1
Graves	26.8
Todd	26.7
Fayette	26.2

County	Rate
Hancock	26.2
Grayson	25.9
Mason	25.9
Owsley	25.9
Pike	25.7
Pendleton	25.5
Rockcastle	24.8
McCracken	24.2
Bullitt	24.0
Casey	23.9
Clark	23.6
Harrison	23.4
Butler	23.3
Woodford	23.0
Larue	22.8
Boyle	22.8
Monroe	22.8
Grant	22.8
Jessamine	22.7
Garrard	22.6
Bourbon	22.4
Oldham	22.2
Marion	21.5
Lawrence	21.5
Jefferson	20.5
Montgomery	20.3
Nicholas	19.7
Bath	19.4
Lee	19.3
Boone	18.0

County	Rate
Russell	17.5
Scott	17.3
Christian	17.0
Meade	17.0
Caldwell	16.8
Gallatin	16.1
Elliott	15.2
Lyon	13.9
Campbell	13.7
Estill	13.2
Owen	13.1
Crittenden	13.0
Powell	12.7
Kenton	12.1
Magoffin	11.7
Edmonson	10.6
Breathitt	10.2
Wolfe	10.0
Rowan	9.3
Menifee	8.8
Cumberland	8.6
Morgan	8.6
Clinton	8.4
Ballard	7.2
Fulton	7.2
Wayne	7.0
Livingston	6.2
Carlisle	6.0
Trigg	5.9
Hickman	0.0

Current Overall Incidence Rate
27.47 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.