

KY COVID-19 Report

08SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	609,924	448,783	161,141
Deaths	7,935	7,101	834
New Cases	4,468	2,775	1,693
New Cases 18 and Under	1,220	691	529
Total New Deaths	30	27	3

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
35,509	5.8%	0-9	0.0%	1
77,353	12.7%	10-19	0.0%	2
108,012	17.7%	20-29	0.2%	14
94,980	15.6%	30-39	0.7%	58
89,647	14.7%	40-49	2.5%	198
83,446	13.7%	50-59	6.9%	550
62,400	10.2%	60-69	17.8%	1,412
36,560	6.0%	70-79	27.6%	2,189
21,783	3.6%	80+	44.2%	3,511
234	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,497	0.3%	American Indian	0.1%	8
4,783	0.9%	Asian	0.5%	40
40,972	8.0%	Black	7.9%	599
376	0.1%	Pacific Islander	0.1%	4
436,810	85.6%	White	89.1%	6,775
25,987	5.1%	Multiracial	2.4%	180

Cases	Case Percent	Ethnicity	Death Percent	Deaths
23,978	4.9%	Hispanic	1.6%	118
463,972	95.1%	Non-Hispanic	98.4%	7,238

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.7% of cases and 95.9% of deaths
Ethnicity known for 80.0% of cases and 92.7% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
19,250	135,960	14.16%

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
8,269,979	6,386,592	372,695	1,334,879	735,995	522,897	44,443	168,655

The Testing Type Summary data reported today is updated only through September 7 due to a data processing issue.

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	26,730	4.38%
Ever ICU	5,322	0.87%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,424
ICU	674
On Ventilator	431

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,374	3,907	70.6%
ICU Beds	1,367	151	90.1%
Ventilators	851	1,025	45.4%

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	120	45	21	14.7%	47.9%	23.6%	60.34%	76.60%	29.21%
Region 2	144	52	34	18.3%	60.5%	39.5%	71.95%	91.86%	55.81%
Region 3	698	193	127	18.6%	45.8%	27.9%	71.48%	92.87%	54.07%
Region 4	163	39	25	19.5%	42.9%	18.7%	62.01%	98.90%	31.34%
Region 5	442	124	73	15.6%	36.0%	13.9%	78.24%	89.53%	43.89%
Region 6	138	33	18	11.5%	41.3%	15.8%	75.82%	98.75%	47.37%
Region 7	131	40	20	19.7%	39.2%	13.3%	67.37%	56.86%	20.67%
Region 8	299	67	48	24.9%	47.2%	32.0%	63.26%	94.37%	56.00%
Region 9	232	63	55	32.8%	56.3%	54.5%	71.15%	99.11%	61.39%
Region 10	57	18	10	12.0%	39.1%	13.7%	57.26%	97.83%	38.36%

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	101,566	16.7%
Fayette	44,661	7.3%
Warren	21,613	3.5%
Kenton	19,803	3.2%
Boone	17,074	2.8%
Hardin	14,594	2.4%
Daviess	14,468	2.4%
Madison	12,488	2.0%
Laurel	11,304	1.9%
Campbell	10,439	1.7%
Bullitt	9,962	1.6%
Oldham	9,110	1.5%
McCracken	8,799	1.4%
Pike	8,675	1.4%
Pulaski	8,613	1.4%
Christian	8,367	1.4%
Henderson	6,930	1.1%
Nelson	6,862	1.1%
Boyd	6,795	1.1%
Scott	6,630	1.1%
Hopkins	6,580	1.1%
Whitley	6,409	1.1%
Barren	6,360	1.0%
Jessamine	6,352	1.0%
Graves	6,261	1.0%
Shelby	6,044	1.0%
Franklin	5,679	0.9%
Floyd	5,573	0.9%
Knox	5,497	0.9%
Greenup	5,025	0.8%

County	Cases	Percent
Bell	4,811	0.8%
Perry	4,594	0.8%
Calloway	4,557	0.7%
Muhlenberg	4,554	0.7%
Clay	4,531	0.7%
Boyle	4,523	0.7%
Taylor	4,373	0.7%
Marshall	4,353	0.7%
Logan	4,238	0.7%
Clark	4,171	0.7%
Harlan	3,972	0.7%
Montgomery	3,809	0.6%
Carter	3,705	0.6%
Mercer	3,602	0.6%
Ohio	3,499	0.6%
Grayson	3,439	0.6%
Lincoln	3,309	0.5%
Grant	3,227	0.5%
Marion	3,218	0.5%
Allen	3,084	0.5%
Johnson	2,976	0.5%
Letcher	2,900	0.5%
Woodford	2,857	0.5%
Rowan	2,851	0.5%
Hart	2,847	0.5%
Meade	2,798	0.5%
Russell	2,671	0.4%
Simpson	2,633	0.4%
Morgan	2,582	0.4%
McCreary	2,574	0.4%

County	Cases	Percent
Adair	2,561	0.4%
Wayne	2,550	0.4%
Bourbon	2,503	0.4%
Harrison	2,474	0.4%
Anderson	2,424	0.4%
Rockcastle	2,386	0.4%
Spencer	2,364	0.4%
Breckinridge	2,179	0.4%
Casey	2,176	0.4%
Union	2,169	0.4%
Mason	2,156	0.4%
Garrard	2,078	0.3%
Larue	2,078	0.3%
Webster	2,078	0.3%
Jackson	2,072	0.3%
Henry	2,066	0.3%
Lawrence	2,042	0.3%
Washington	2,022	0.3%
Lewis	1,925	0.3%
Butler	1,918	0.3%
Powell	1,893	0.3%
Caldwell	1,833	0.3%
Knott	1,785	0.3%
Monroe	1,784	0.3%
Lyon	1,765	0.3%
Fleming	1,760	0.3%
Green	1,730	0.3%
Estill	1,701	0.3%
Clinton	1,640	0.3%
Magoffin	1,640	0.3%

County	Cases	Percent
Leslie	1,618	0.3%
Breathitt	1,583	0.3%
Trigg	1,575	0.3%
Lee	1,536	0.3%
Metcalfe	1,515	0.2%
Carroll	1,502	0.2%
Pendleton	1,493	0.2%
Todd	1,451	0.2%
Martin	1,426	0.2%
Bath	1,325	0.2%
Edmonson	1,219	0.2%
McLean	1,203	0.2%
Elliott	1,183	0.2%
Hancock	1,183	0.2%
Owen	1,118	0.2%
Livingston	1,116	0.2%
Trimble	1,012	0.2%
Gallatin	987	0.2%
Wolfe	892	0.1%
Crittenden	883	0.1%
Cumberland	879	0.1%
Bracken	866	0.1%
Nicholas	833	0.1%
Owsley	753	0.1%
Menifee	701	0.1%
Fulton	639	0.1%
Carlisle	566	0.1%
Ballard	558	0.1%
Hickman	477	0.1%
Robertson	280	0.0%

Total Cases
609,924

New Cases by County

County	Cases	Percent
Jefferson	499	11.2%
Fayette	324	7.3%
Hardin	174	3.9%
Warren	169	3.8%
Pike	116	2.6%
Daviess	115	2.6%
Bullitt	103	2.3%
Madison	98	2.2%
Kenton	97	2.2%
Laurel	82	1.8%
Barren	76	1.7%
Knox	74	1.7%
Perry	69	1.5%
Whitley	67	1.5%
Hopkins	66	1.5%
Floyd	65	1.5%
Boyd	64	1.4%
Harlan	64	1.4%
Mercer	64	1.4%
Nelson	64	1.4%
Boone	61	1.4%
Henderson	61	1.4%
Campbell	58	1.3%
Graves	57	1.3%
Clark	51	1.1%
Bell	48	1.1%
Greenup	47	1.1%
Pulaski	47	1.1%
Oldham	44	1.0%
Johnson	41	0.9%

County	Cases	Percent
Muhlenberg	41	0.9%
Taylor	41	0.9%
Harrison	39	0.9%
Clay	38	0.9%
Christian	37	0.8%
Ohio	35	0.8%
Franklin	33	0.7%
Letcher	32	0.7%
Jessamine	30	0.7%
Adair	29	0.6%
Shelby	29	0.6%
Boyle	28	0.6%
Lincoln	28	0.6%
McCracken	28	0.6%
Marion	28	0.6%
Butler	27	0.6%
Webster	27	0.6%
Breathitt	25	0.6%
Marshall	25	0.6%
Scott	25	0.6%
Anderson	24	0.5%
Hart	24	0.5%
Metcalfe	24	0.5%
Carter	23	0.5%
Leslie	23	0.5%
Lewis	23	0.5%
Grayson	22	0.5%
Henry	22	0.5%
Washington	22	0.5%
Allen	21	0.5%

County	Cases	Percent
Hancock	21	0.5%
Larue	21	0.5%
Logan	21	0.5%
Magoffin	21	0.5%
Meade	21	0.5%
Monroe	21	0.5%
Rockcastle	21	0.5%
Grant	18	0.4%
Pendleton	18	0.4%
Simpson	18	0.4%
McCreary	17	0.4%
Bourbon	16	0.4%
Bracken	16	0.4%
Knott	16	0.4%
Lawrence	15	0.3%
Montgomery	15	0.3%
Carroll	14	0.3%
Edmonson	14	0.3%
Elliott	14	0.3%
Jackson	14	0.3%
Owen	14	0.3%
Todd	14	0.3%
Garrard	13	0.3%
Martin	13	0.3%
Spencer	13	0.3%
Mason	12	0.3%
Owsley	12	0.3%
Rowan	12	0.3%
Breckinridge	11	0.2%
Morgan	11	0.2%

County	Cases	Percent
Union	11	0.2%
Green	10	0.2%
Woodford	10	0.2%
Fleming	9	0.2%
Lee	9	0.2%
Powell	9	0.2%
Wayne	9	0.2%
Bath	8	0.2%
Casey	8	0.2%
Gallatin	8	0.2%
Menifee	8	0.2%
Nicholas	8	0.2%
Wolfe	8	0.2%
McLean	7	0.2%
Russell	7	0.2%
Caldwell	6	0.1%
Calloway	5	0.1%
Lyon	5	0.1%
Ballard	4	0.1%
Estill	4	0.1%
Trigg	4	0.1%
Clinton	3	0.1%
Cumberland	3	0.1%
Crittenden	2	0.0%
Fulton	2	0.0%
Hickman	2	0.0%
Robertson	2	0.0%
Livingston	1	0.0%
Trimble	1	0.0%
Carlisle	0	0.0%

Total New Cases
4,468

Total Deaths by County

County	Deaths	Percent
Jefferson	1,433	18.1%
Fayette	340	4.3%
Kenton	220	2.8%
Daviess	218	2.7%
Warren	201	2.5%
Hardin	194	2.4%
Hopkins	164	2.1%
Boone	163	2.1%
McCracken	142	1.8%
Pulaski	138	1.7%
Pike	133	1.7%
Madison	119	1.5%
Christian	113	1.4%
Barren	110	1.4%
Graves	109	1.4%
Harlan	101	1.3%
Bullitt	96	1.2%
Shelby	89	1.1%
Henderson	88	1.1%
Laurel	87	1.1%
Floyd	86	1.1%
Oldham	86	1.1%
Boyd	85	1.1%
Campbell	84	1.1%
Boyle	80	1.0%
Muhlenberg	80	1.0%
Jessamine	79	1.0%
Logan	77	1.0%
Perry	72	0.9%
Marshall	70	0.9%

County	Deaths	Percent
Nelson	70	0.9%
Bell	69	0.9%
Lincoln	69	0.9%
Whitley	66	0.8%
Franklin	65	0.8%
Greenup	65	0.8%
Grayson	61	0.8%
Ohio	61	0.8%
Taylor	60	0.8%
Adair	59	0.7%
Mercer	57	0.7%
Calloway	56	0.7%
Hart	56	0.7%
Letcher	52	0.7%
Clay	50	0.6%
Wayne	50	0.6%
Knox	49	0.6%
Monroe	49	0.6%
Russell	49	0.6%
Allen	48	0.6%
Lewis	48	0.6%
Carter	46	0.6%
Mason	46	0.6%
Simpson	46	0.6%
Casey	43	0.5%
Washington	42	0.5%
Jackson	40	0.5%
Marion	40	0.5%
Johnson	39	0.5%
Garrard	38	0.5%

County	Deaths	Percent
Scott	37	0.5%
Montgomery	36	0.5%
Gallatin	35	0.4%
McCreary	35	0.4%
Caldwell	34	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Lawrence	32	0.4%
Metcalfe	32	0.4%
McLean	31	0.4%
Larue	30	0.4%
Meade	30	0.4%
Anderson	28	0.4%
Butler	28	0.4%
Harrison	28	0.4%
Knott	28	0.4%
Todd	28	0.4%
Webster	28	0.4%
Crittenden	27	0.3%
Lee	27	0.3%
Livingston	27	0.3%
Edmonson	26	0.3%
Fleming	26	0.3%
Grant	26	0.3%
Spencer	26	0.3%
Rockcastle	25	0.3%
Bath	24	0.3%
Lyon	23	0.3%
Woodford	23	0.3%
Martin	22	0.3%

County	Deaths	Percent
Rowan	22	0.3%
Bourbon	21	0.3%
Carroll	21	0.3%
Henry	21	0.3%
Union	21	0.3%
Breckinridge	20	0.3%
Green	18	0.2%
Magoffin	18	0.2%
Menifee	17	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Hickman	16	0.2%
Owsley	16	0.2%
Trigg	16	0.2%
Powell	15	0.2%
Robertson	15	0.2%
Breathitt	14	0.2%
Owen	14	0.2%
Cumberland	13	0.2%
Ballard	12	0.2%
Estill	12	0.2%
Carlisle	10	0.1%
Leslie	10	0.1%
Nicholas	10	0.1%
Trimble	9	0.1%
Bracken	8	0.1%
Wolfe	8	0.1%
Pendleton	7	0.1%
Morgan	5	0.1%
Elliott	2	0.0%

Total Deaths
7,935

Incidence Rates by County

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

County	Rate
Perry	220.2
Clay	203.9
Rockcastle	185.7
Leslie	183.7
Bell	180.0
Russell	178.5
Whitley	176.9
Metcalfe	168.8
Breathitt	164.0
Owsley	161.8
Powell	146.8
Bourbon	146.6
Marion	142.3
Graves	141.5
Barren	138.5
Lawrence	138.0
Carroll	135.7
Allen	135.4
Harlan	133.5
Martin	130.2
Harrison	130.1
Jackson	129.7
Wolfe	127.7
Grayson	126.0
Laurel	125.4
Cumberland	125.3
Mercer	125.1
Hancock	124.5
Carter	124.2
Monroe	122.1

County	Rate
Floyd	121.6
Hardin	121.2
Larue	121.0
Logan	120.7
Knox	117.0
Pike	116.3
Henderson	114.1
Webster	113.7
Hart	110.3
Henry	109.8
Knott	109.0
Breckinridge	108.1
Magoffin	108.1
Muhlenberg	106.8
Estill	106.3
Warren	105.6
Butler	105.4
Nicholas	104.2
Washington	101.6
Trimble	101.2
Madison	101.1
Taylor	99.8
Letcher	98.8
Nelson	97.3
Lee	96.5
Marshall	96.5
Boyd	96.0
Edmonson	94.1
Johnson	92.7
Ohio	92.3

County	Rate
Bullitt	92.0
Greenup	90.8
Garrard	87.3
Casey	85.8
Spencer	84.2
Owen	83.9
Daviess	83.7
Pendleton	83.2
Franklin	80.7
Lewis	79.6
Boyle	79.4
Union	78.5
Jessamine	78.1
Clark	77.2
Robertson	74.5
Fleming	74.5
McCreary	72.1
Hopkins	71.3
Lincoln	69.8
Woodford	69.5
Fulton	69.4
Hickman	68.5
Montgomery	67.5
Meade	67.0
Simpson	66.9
Gallatin	66.0
Calloway	63.0
Green	62.7
Jefferson	61.5
Pulaski	60.9

County	Rate
Rowan	60.7
McLean	60.5
Fayette	59.7
Adair	58.0
Mason	57.7
Shelby	57.7
Campbell	57.4
Oldham	55.8
Bath	53.7
Boone	50.6
Scott	49.6
Grant	49.6
McCracken	49.4
Ballard	48.9
Menifee	48.4
Caldwell	48.2
Kenton	47.6
Bracken	44.7
Anderson	42.7
Todd	41.8
Christian	38.1
Lyon	36.5
Wayne	36.5
Elliott	32.3
Trigg	30.2
Crittenden	29.2
Livingston	28.0
Morgan	24.7
Carlisle	24.0
Clinton	18.2

Current Overall Incidence Rate
83.10 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.