

KY COVID-19 Report

15SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	639,687	469,045	170,642
Deaths	8,144	7,278	866
New Cases	5,398	3,630	1,768
New Cases 18 and Under	1,530	978	552
Total New Deaths	49	41	8

Duplicates and records not meeting case criteria removed since last report: 9

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
38,668	6.0%	0-9	0.0%	1
83,139	13.0%	10-19	0.0%	3
112,407	17.6%	20-29	0.2%	15
99,595	15.6%	30-39	0.8%	64
93,728	14.7%	40-49	2.6%	214
86,865	13.6%	50-59	7.2%	586
64,826	10.1%	60-69	18.1%	1,471
37,882	5.9%	70-79	27.5%	2,238
22,342	3.5%	80+	43.6%	3,552
235	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,575	0.3%	American Indian	0.1%	8
4,921	0.9%	Asian	0.5%	42
42,443	7.9%	Black	7.8%	606
377	0.1%	Pacific Islander	0.1%	4
457,208	85.6%	White	89.2%	6,950
27,435	5.1%	Multiracial	2.4%	185

Cases	Case Percent	Ethnicity	Death Percent	Deaths
24,679	4.8%	Hispanic	1.6%	119
486,131	95.2%	Non-Hispanic	98.4%	7,431

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 83.5% of cases and 95.7% of deaths
 Ethnicity known for 79.9% of cases and 92.7% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
19,762	151,781	13.02%

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
8,554,243	6,574,682	376,922	1,418,402	775,358	549,710	45,696	179,952

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	27,472	4.29%
Ever ICU	5,443	0.85%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,493
ICU	648
On Ventilator	436

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,524	3,755	71.7%
ICU Beds	1,440	148	90.7%
Ventilators	900	1,003	47.3%

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	132	39	25	16.4%	45.3%	28.1%	61.07%	87.21%	33.71%
Region 2	159	49	32	20.3%	61.3%	37.2%	77.49%	88.75%	45.35%
Region 3	696	173	107	18.6%	42.7%	23.5%	72.76%	95.31%	52.31%
Region 4	164	37	26	19.2%	39.4%	19.0%	61.43%	93.62%	31.39%
Region 5	484	130	85	17.2%	34.9%	15.5%	80.11%	92.76%	50.64%
Region 6	128	26	17	10.6%	29.2%	14.9%	83.95%	100.00%	50.00%
Region 7	137	39	31	20.8%	40.6%	22.1%	71.78%	73.96%	28.57%
Region 8	284	71	55	22.6%	36.6%	36.4%	55.86%	75.26%	52.98%
Region 9	241	60	47	35.6%	48.0%	46.5%	70.46%	97.60%	60.40%
Region 10	68	24	11	14.3%	52.2%	13.6%	53.26%	100.00%	41.98%

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	105,040	16.4%
Fayette	46,436	7.3%
Warren	22,704	3.5%
Kenton	20,531	3.2%
Boone	17,618	2.8%
Hardin	15,493	2.4%
Daviess	14,998	2.3%
Madison	13,367	2.1%
Laurel	11,919	1.9%
Campbell	10,868	1.7%
Bullitt	10,500	1.6%
Oldham	9,343	1.5%
Pike	9,218	1.4%
McCracken	9,110	1.4%
Pulaski	8,953	1.4%
Christian	8,858	1.4%
Henderson	7,219	1.1%
Nelson	7,202	1.1%
Boyd	7,191	1.1%
Whitley	6,918	1.1%
Hopkins	6,875	1.1%
Scott	6,864	1.1%
Jessamine	6,820	1.1%
Barren	6,770	1.1%
Graves	6,560	1.0%
Shelby	6,228	1.0%
Franklin	6,038	0.9%
Knox	6,022	0.9%
Floyd	5,979	0.9%
Greenup	5,383	0.8%

County	Cases	Percent
Bell	5,116	0.8%
Perry	5,000	0.8%
Muhlenberg	4,765	0.7%
Boyle	4,751	0.7%
Calloway	4,726	0.7%
Clay	4,707	0.7%
Marshall	4,538	0.7%
Taylor	4,513	0.7%
Logan	4,461	0.7%
Clark	4,383	0.7%
Harlan	4,287	0.7%
Carter	3,946	0.6%
Montgomery	3,943	0.6%
Mercer	3,810	0.6%
Grayson	3,778	0.6%
Ohio	3,705	0.6%
Lincoln	3,498	0.5%
Marion	3,434	0.5%
Grant	3,400	0.5%
Allen	3,291	0.5%
Johnson	3,233	0.5%
Letcher	3,104	0.5%
Hart	3,024	0.5%
Meade	2,951	0.5%
Woodford	2,946	0.5%
Rowan	2,920	0.5%
Russell	2,878	0.4%
Simpson	2,760	0.4%
McCreary	2,693	0.4%
Bourbon	2,678	0.4%

County	Cases	Percent
Adair	2,658	0.4%
Morgan	2,646	0.4%
Harrison	2,641	0.4%
Wayne	2,629	0.4%
Rockcastle	2,601	0.4%
Anderson	2,583	0.4%
Spencer	2,478	0.4%
Breckinridge	2,316	0.4%
Casey	2,287	0.4%
Garrard	2,276	0.4%
Union	2,254	0.4%
Mason	2,223	0.3%
Jackson	2,200	0.3%
Henry	2,177	0.3%
Larue	2,175	0.3%
Webster	2,172	0.3%
Lawrence	2,128	0.3%
Washington	2,109	0.3%
Powell	2,070	0.3%
Lewis	2,040	0.3%
Butler	2,039	0.3%
Monroe	1,949	0.3%
Knott	1,945	0.3%
Caldwell	1,890	0.3%
Green	1,832	0.3%
Fleming	1,810	0.3%
Estill	1,809	0.3%
Lyon	1,788	0.3%
Magoffin	1,783	0.3%
Leslie	1,752	0.3%

County	Cases	Percent
Breathitt	1,711	0.3%
Clinton	1,709	0.3%
Trigg	1,629	0.3%
Lee	1,609	0.3%
Metcalfe	1,606	0.3%
Martin	1,592	0.2%
Pendleton	1,591	0.2%
Carroll	1,586	0.2%
Todd	1,502	0.2%
Bath	1,369	0.2%
Edmonson	1,322	0.2%
McLean	1,259	0.2%
Hancock	1,244	0.2%
Elliott	1,214	0.2%
Owen	1,172	0.2%
Livingston	1,152	0.2%
Gallatin	1,059	0.2%
Trimble	1,046	0.2%
Wolfe	986	0.2%
Crittenden	926	0.1%
Cumberland	924	0.1%
Bracken	922	0.1%
Nicholas	880	0.1%
Owsley	797	0.1%
Menifee	726	0.1%
Fulton	663	0.1%
Ballard	586	0.1%
Carlisle	578	0.1%
Hickman	501	0.1%
Robertson	293	0.0%

Total Cases
639,687

New Cases by County

County	Cases	Percent
Jefferson	643	11.9%
Fayette	328	6.1%
Madison	237	4.4%
Warren	233	4.3%
Hardin	202	3.7%
Kenton	132	2.4%
Christian	123	2.3%
Bullitt	107	2.0%
Laurel	95	1.8%
Pike	94	1.7%
Whitley	88	1.6%
Boone	86	1.6%
Barren	85	1.6%
Greenup	83	1.5%
Knox	83	1.5%
Daviess	82	1.5%
Franklin	82	1.5%
Floyd	80	1.5%
Henderson	78	1.4%
Perry	78	1.4%
Boyd	75	1.4%
Scott	70	1.3%
Hopkins	68	1.3%
Jessamine	67	1.2%
McCracken	63	1.2%
Bell	54	1.0%
Graves	52	1.0%
Pulaski	52	1.0%
Grant	51	0.9%
Campbell	50	0.9%

County	Cases	Percent
Martin	48	0.9%
Oldham	48	0.9%
Rockcastle	47	0.9%
Harlan	46	0.9%
Lincoln	45	0.8%
Marshall	45	0.8%
Anderson	40	0.7%
Bourbon	40	0.7%
Meade	39	0.7%
Monroe	38	0.7%
Nelson	38	0.7%
Edmonson	37	0.7%
Johnson	37	0.7%
Letcher	37	0.7%
Powell	35	0.6%
Allen	34	0.6%
Clark	34	0.6%
Garrard	34	0.6%
Logan	34	0.6%
Magoffin	34	0.6%
Marion	34	0.6%
Taylor	34	0.6%
Harrison	32	0.6%
Carter	30	0.6%
Muhlenberg	30	0.6%
Hart	29	0.5%
Larue	28	0.5%
Ohio	28	0.5%
Boyle	27	0.5%
Russell	27	0.5%

County	Cases	Percent
Pendleton	26	0.5%
Mercer	25	0.5%
Shelby	25	0.5%
Breathitt	24	0.4%
Butler	23	0.4%
Grayson	23	0.4%
Casey	22	0.4%
Jackson	22	0.4%
Lewis	22	0.4%
Mason	22	0.4%
Simpson	22	0.4%
Knott	21	0.4%
Clay	19	0.4%
Metcalfe	19	0.4%
Leslie	17	0.3%
Clinton	16	0.3%
Breckinridge	15	0.3%
Green	15	0.3%
Wolfe	15	0.3%
McCreary	13	0.2%
Woodford	13	0.2%
Fleming	12	0.2%
Washington	12	0.2%
Gallatin	11	0.2%
Henry	11	0.2%
Lawrence	11	0.2%
Montgomery	11	0.2%
Rowan	11	0.2%
Union	11	0.2%
Webster	11	0.2%

County	Cases	Percent
Spencer	10	0.2%
Todd	10	0.2%
Adair	9	0.2%
Calloway	9	0.2%
Lee	9	0.2%
Owen	9	0.2%
Wayne	9	0.2%
Caldwell	8	0.1%
Estill	8	0.1%
Hancock	8	0.1%
McLean	8	0.1%
Bracken	7	0.1%
Carroll	7	0.1%
Morgan	7	0.1%
Trimble	7	0.1%
Owsley	6	0.1%
Crittenden	5	0.1%
Elliott	5	0.1%
Nicholas	5	0.1%
Ballard	3	0.1%
Bath	3	0.1%
Fulton	3	0.1%
Robertson	3	0.1%
Trigg	3	0.1%
Cumberland	2	0.0%
Lyon	2	0.0%
Carlisle	1	0.0%
Hickman	1	0.0%
Menifee	1	0.0%
Livingston	0	0.0%

Total New Cases
5,398

Total Deaths by County

County	Deaths	Percent
Jefferson	1,445	17.7%
Fayette	347	4.3%
Daviess	226	2.8%
Kenton	225	2.8%
Warren	212	2.6%
Hardin	206	2.5%
Hopkins	175	2.1%
Boone	166	2.0%
McCracken	149	1.8%
Pulaski	142	1.7%
Pike	132	1.6%
Madison	124	1.5%
Christian	115	1.4%
Graves	113	1.4%
Barren	112	1.4%
Harlan	101	1.2%
Bullitt	98	1.2%
Shelby	90	1.1%
Henderson	88	1.1%
Boyd	87	1.1%
Floyd	87	1.1%
Laurel	87	1.1%
Oldham	87	1.1%
Campbell	85	1.0%
Jessamine	81	1.0%
Muhlenberg	81	1.0%
Boyle	80	1.0%
Logan	77	0.9%
Perry	76	0.9%
Marshall	74	0.9%

County	Deaths	Percent
Bell	72	0.9%
Nelson	71	0.9%
Lincoln	70	0.9%
Grayson	68	0.8%
Greenup	68	0.8%
Whitley	67	0.8%
Franklin	66	0.8%
Ohio	63	0.8%
Taylor	63	0.8%
Adair	60	0.7%
Mercer	59	0.7%
Allen	58	0.7%
Calloway	56	0.7%
Hart	56	0.7%
Letcher	53	0.7%
Clay	52	0.6%
Wayne	52	0.6%
Russell	51	0.6%
Knox	49	0.6%
Monroe	49	0.6%
Lewis	48	0.6%
Carter	47	0.6%
Simpson	47	0.6%
Casey	46	0.6%
Mason	46	0.6%
Jackson	42	0.5%
Washington	42	0.5%
Caldwell	40	0.5%
Johnson	40	0.5%
Marion	40	0.5%

County	Deaths	Percent
Garrard	39	0.5%
Scott	38	0.5%
Montgomery	37	0.5%
McCreary	36	0.4%
Gallatin	35	0.4%
Metcalfe	35	0.4%
Lawrence	34	0.4%
Clark	32	0.4%
Clinton	32	0.4%
McLean	32	0.4%
Anderson	31	0.4%
Crittenden	30	0.4%
Larue	30	0.4%
Livingston	30	0.4%
Meade	30	0.4%
Butler	29	0.4%
Lee	29	0.4%
Webster	29	0.4%
Harrison	28	0.3%
Knott	28	0.3%
Todd	28	0.3%
Grant	27	0.3%
Edmonson	26	0.3%
Fleming	26	0.3%
Spencer	26	0.3%
Martin	25	0.3%
Rockcastle	25	0.3%
Bath	24	0.3%
Woodford	24	0.3%
Lyon	23	0.3%

County	Deaths	Percent
Bourbon	22	0.3%
Henry	22	0.3%
Rowan	22	0.3%
Carroll	21	0.3%
Union	21	0.3%
Breckinridge	20	0.2%
Green	19	0.2%
Trigg	19	0.2%
Magoffin	18	0.2%
Menifee	17	0.2%
Breathitt	16	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Hickman	16	0.2%
Owsley	16	0.2%
Owen	15	0.2%
Powell	15	0.2%
Robertson	15	0.2%
Cumberland	13	0.2%
Ballard	12	0.1%
Estill	12	0.1%
Leslie	11	0.1%
Pendleton	11	0.1%
Carlisle	10	0.1%
Nicholas	10	0.1%
Trimble	9	0.1%
Bracken	8	0.1%
Wolfe	8	0.1%
Morgan	5	0.1%
Elliott	2	0.0%

Total Deaths
8,144

Incidence Rates by County

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

County	Rate
Whitley	206.8
Monroe	205.2
Powell	198.8
Perry	193.0
Rockcastle	191.7
Knox	182.6
Martin	173.5
Harlan	167.5
Wolfe	165.7
Bell	164.6
Grayson	162.7
Leslie	159.1
Magoffin	158.6
Marion	157.9
Floyd	156.5
Garrard	152.8
Breathitt	142.5
Owsley	142.4
Laurel	137.7
Greenup	135.5
Russell	135.5
Jackson	134.0
Allen	131.4
Madison	128.4
Knott	126.4
Mercer	125.1
Harrison	124.1
Metcalfe	123.4
Barren	122.0
Bourbon	121.3

County	Rate
Boyd	121.1
Ohio	120.9
Lee	119.6
Clay	119.2
Johnson	119.1
Letcher	116.7
Carter	115.2
Hardin	114.5
Gallatin	114.4
Pike	114.3
Graves	114.2
Edmonson	114.1
Warren	112.4
Lewis	111.9
Hart	111.1
Webster	109.3
Jessamine	109.0
Carroll	108.8
Logan	108.6
Nelson	106.3
Larue	105.2
Estill	102.3
Henry	99.2
Hancock	96.6
Butler	96.5
Boyle	96.5
Muhlenberg	96.1
Pendleton	95.0
Bullitt	94.4
Green	92.7

County	Rate
Washington	89.8
Simpson	89.2
Cumberland	88.6
Nicholas	88.4
Robertson	88.1
Franklin	88.0
Henderson	86.9
Bracken	86.0
Lincoln	85.5
McCreary	84.6
McLean	83.8
Christian	83.5
Union	79.5
Fayette	77.5
Lawrence	77.4
Taylor	77.1
Meade	77.0
Casey	76.9
Spencer	75.3
Hickman	75.0
Marshall	74.4
Grant	74.1
Breckinridge	73.3
Daviess	72.8
Hopkins	70.0
Owen	68.1
Clark	67.0
Jefferson	61.9
Calloway	61.2
Pulaski	60.9

County	Rate
Montgomery	56.3
Adair	55.8
Caldwell	54.9
Scott	54.9
Morgan	54.7
Campbell	54.6
Trimble	54.0
McCracken	53.9
Kenton	53.4
Mason	52.7
Fulton	52.7
Shelby	52.5
Fleming	50.0
Livingston	49.7
Oldham	48.3
Boone	47.1
Elliott	45.6
Todd	44.2
Trigg	43.9
Wayne	43.6
Bath	43.4
Ballard	41.7
Woodford	41.1
Anderson	39.6
Lyon	38.3
Crittenden	37.3
Rowan	36.8
Carlisle	33.0
Menifee	26.4
Clinton	15.4

Current Overall Incidence Rate
87.11 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.