

KY COVID-19 Report

05SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	600,583	442,440	158,143
Deaths	7,891	7,062	829
New Cases	3,376	2,693	683
New Cases 18 and Under	943	730	213
Total New Deaths	17	16	1

Duplicates and records not meeting case criteria removed since last report: 4

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
34,589	5.8%	0-9	0.0%	1
75,612	12.6%	10-19	0.0%	1
106,575	17.7%	20-29	0.2%	14
93,522	15.6%	30-39	0.7%	57
88,446	14.7%	40-49	2.4%	193
82,283	13.7%	50-59	6.8%	537
61,585	10.3%	60-69	17.8%	1,404
36,146	6.0%	70-79	27.6%	2,181
21,594	3.6%	80+	44.4%	3,503
231	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,463	0.3%	American Indian	0.1%	8
4,760	0.9%	Asian	0.5%	40
40,548	8.0%	Black	7.9%	595
376	0.1%	Pacific Islander	0.1%	4
431,021	85.6%	White	89.1%	6,742
25,568	5.1%	Multiracial	2.4%	178

Cases	Case Percent	Ethnicity	Death Percent	Deaths
23,740	4.9%	Hispanic	1.6%	117
456,557	95.1%	Non-Hispanic	98.4%	7,201

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 83.9% 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
21,178	158,426	13.37%

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
8,234,422	6,360,577	371,908	1,327,337	729,867	518,260	44,207	167,400

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	26,476	4.41%
Ever ICU	5,281	0.88%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,311
ICU	629
On Ventilator	420

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,155	4,119	69.0%
ICU Beds	1,309	162	89.0%
Ventilators	825	1,075	43.4%

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	124	33	22	13.4%	33.7%	23.2%	50.16%	78.57%	32.63%
Region 2	138	50	36	17.6%	59.5%	41.9%	68.45%	94.05%	59.30%
Region 3	682	176	132	18.2%	42.1%	28.9%	71.96%	92.58%	56.14%
Region 4	172	42	27	20.7%	48.8%	20.0%	59.28%	97.67%	27.41%
Region 5	411	114	76	15.1%	32.2%	14.6%	76.05%	85.31%	43.46%
Region 6	126	30	15	10.6%	41.1%	13.2%	83.22%	100.00%	29.82%
Region 7	122	44	15	18.5%	45.4%	8.8%	68.48%	61.86%	12.35%
Region 8	275	63	46	21.6%	47.7%	30.9%	55.39%	93.94%	56.38%
Region 9	210	61	42	32.3%	76.3%	40.8%	69.43%	92.50%	48.54%
Region 10	51	16	9	10.6%	32.7%	12.5%	59.71%	100.00%	48.61%

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	100,447	16.7%
Fayette	44,266	7.4%
Warren	21,263	3.5%
Kenton	19,575	3.3%
Boone	16,873	2.8%
Daviess	14,285	2.4%
Hardin	14,263	2.4%
Madison	12,295	2.0%
Laurel	11,131	1.9%
Campbell	10,291	1.7%
Bullitt	9,784	1.6%
Oldham	9,021	1.5%
McCracken	8,720	1.5%
Pike	8,501	1.4%
Pulaski	8,486	1.4%
Christian	8,270	1.4%
Henderson	6,809	1.1%
Nelson	6,760	1.1%
Boyd	6,674	1.1%
Scott	6,567	1.1%
Hopkins	6,460	1.1%
Whitley	6,296	1.0%
Jessamine	6,231	1.0%
Barren	6,191	1.0%
Graves	6,137	1.0%
Shelby	5,964	1.0%
Franklin	5,591	0.9%
Floyd	5,472	0.9%
Knox	5,384	0.9%
Greenup	4,936	0.8%

County	Cases	Percent
Bell	4,719	0.8%
Calloway	4,504	0.7%
Muhlenberg	4,467	0.7%
Boyle	4,447	0.7%
Clay	4,428	0.7%
Perry	4,399	0.7%
Marshall	4,290	0.7%
Taylor	4,249	0.7%
Logan	4,166	0.7%
Clark	4,074	0.7%
Harlan	3,884	0.6%
Montgomery	3,773	0.6%
Carter	3,628	0.6%
Mercer	3,524	0.6%
Ohio	3,449	0.6%
Grayson	3,361	0.6%
Lincoln	3,251	0.5%
Grant	3,185	0.5%
Marion	3,169	0.5%
Allen	3,031	0.5%
Johnson	2,896	0.5%
Letcher	2,830	0.5%
Woodford	2,821	0.5%
Rowan	2,816	0.5%
Hart	2,788	0.5%
Meade	2,764	0.5%
Simpson	2,602	0.4%
Russell	2,578	0.4%
Morgan	2,570	0.4%
McCreary	2,526	0.4%

County	Cases	Percent
Adair	2,513	0.4%
Wayne	2,499	0.4%
Bourbon	2,448	0.4%
Harrison	2,401	0.4%
Anderson	2,385	0.4%
Spencer	2,320	0.4%
Rockcastle	2,296	0.4%
Breckinridge	2,172	0.4%
Casey	2,160	0.4%
Union	2,144	0.4%
Mason	2,139	0.4%
Webster	2,039	0.3%
Jackson	2,035	0.3%
Garrard	2,034	0.3%
Larue	2,026	0.3%
Henry	2,022	0.3%
Lawrence	2,015	0.3%
Washington	1,993	0.3%
Lewis	1,897	0.3%
Butler	1,859	0.3%
Powell	1,859	0.3%
Caldwell	1,817	0.3%
Lyon	1,757	0.3%
Monroe	1,753	0.3%
Fleming	1,739	0.3%
Knott	1,732	0.3%
Green	1,710	0.3%
Estill	1,664	0.3%
Clinton	1,628	0.3%
Magoffin	1,619	0.3%

County	Cases	Percent
Leslie	1,570	0.3%
Trigg	1,565	0.3%
Breathitt	1,531	0.3%
Lee	1,509	0.3%
Carroll	1,466	0.2%
Pendleton	1,465	0.2%
Metcalfe	1,459	0.2%
Todd	1,432	0.2%
Martin	1,403	0.2%
Bath	1,309	0.2%
McLean	1,191	0.2%
Edmonson	1,185	0.2%
Elliott	1,166	0.2%
Hancock	1,155	0.2%
Livingston	1,110	0.2%
Owen	1,100	0.2%
Trimble	999	0.2%
Gallatin	969	0.2%
Crittenden	879	0.1%
Wolfe	875	0.1%
Cumberland	849	0.1%
Bracken	847	0.1%
Nicholas	816	0.1%
Owsley	728	0.1%
Menifee	687	0.1%
Fulton	637	0.1%
Carlisle	563	0.1%
Ballard	548	0.1%
Hickman	475	0.1%
Robertson	279	0.0%

Total Cases
600,583

New Cases by County

County	Cases	Percent
Jefferson	471	14.0%
Fayette	210	6.2%
Warren	143	4.2%
Woodford	90	2.7%
Hardin	89	2.6%
Laurel	78	2.3%
Madison	76	2.3%
Bullitt	73	2.2%
Daviess	73	2.2%
Boone	69	2.0%
Kenton	69	2.0%
Campbell	60	1.8%
Clay	59	1.7%
Barren	56	1.7%
Pulaski	55	1.6%
Whitley	51	1.5%
Graves	47	1.4%
Perry	46	1.4%
Floyd	44	1.3%
Henderson	43	1.3%
Rockcastle	42	1.2%
Grayson	40	1.2%
Nelson	39	1.2%
Logan	37	1.1%
Bell	36	1.1%
Harlan	36	1.1%
Pike	36	1.1%
Carter	35	1.0%
Franklin	35	1.0%
Jessamine	35	1.0%

County	Cases	Percent
Greenup	34	1.0%
Marshall	34	1.0%
Boyd	33	1.0%
Boyle	33	1.0%
Powell	31	0.9%
Allen	30	0.9%
Lawrence	30	0.9%
McCracken	30	0.9%
Oldham	29	0.9%
Harrison	28	0.8%
Hopkins	28	0.8%
Clark	27	0.8%
Bourbon	26	0.8%
Estill	25	0.7%
Scott	25	0.7%
Ohio	22	0.7%
Taylor	21	0.6%
Knott	20	0.6%
Jackson	19	0.6%
Rowan	19	0.6%
Hart	18	0.5%
Letcher	18	0.5%
Muhlenberg	18	0.5%
Christian	17	0.5%
Garrard	16	0.5%
Calloway	15	0.4%
Lincoln	15	0.4%
Simpson	15	0.4%
Johnson	14	0.4%
Spencer	14	0.4%

County	Cases	Percent
Breathitt	13	0.4%
Knox	13	0.4%
Martin	13	0.4%
Shelby	13	0.4%
Casey	12	0.4%
Metcalfe	12	0.4%
Montgomery	12	0.4%
Nicholas	12	0.4%
Adair	11	0.3%
Anderson	11	0.3%
Grant	11	0.3%
Henry	11	0.3%
Leslie	11	0.3%
Marion	11	0.3%
Fulton	10	0.3%
Breckinridge	9	0.3%
Edmonson	9	0.3%
Fleming	9	0.3%
Meade	9	0.3%
Monroe	9	0.3%
Union	9	0.3%
Todd	8	0.2%
Webster	8	0.2%
Wolfe	8	0.2%
Gallatin	7	0.2%
Lee	7	0.2%
Mercer	7	0.2%
Pendleton	7	0.2%
Washington	7	0.2%
Wayne	7	0.2%

County	Cases	Percent
Butler	6	0.2%
Carroll	6	0.2%
Hickman	6	0.2%
Larue	6	0.2%
Morgan	6	0.2%
Owsley	6	0.2%
Trigg	6	0.2%
Ballard	5	0.1%
Hancock	5	0.1%
Magoffin	5	0.1%
Bath	4	0.1%
Caldwell	4	0.1%
Lyon	4	0.1%
Trimble	4	0.1%
Crittenden	3	0.1%
McCreary	3	0.1%
McLean	3	0.1%
Mason	3	0.1%
Owen	3	0.1%
Russell	3	0.1%
Clinton	2	0.1%
Lewis	2	0.1%
Livingston	2	0.1%
Menifee	2	0.1%
Bracken	1	0.0%
Cumberland	1	0.0%
Elliott	1	0.0%
Green	1	0.0%
Carlisle	0	0.0%
Robertson	0	0.0%

Total New Cases
3,376

Total Deaths by County

County	Deaths	Percent
Jefferson	1,425	18.1%
Fayette	336	4.3%
Kenton	220	2.8%
Daviess	218	2.8%
Warren	201	2.5%
Hardin	194	2.5%
Hopkins	163	2.1%
Boone	162	2.1%
McCracken	142	1.8%
Pulaski	138	1.7%
Pike	132	1.7%
Madison	119	1.5%
Christian	113	1.4%
Barren	109	1.4%
Graves	109	1.4%
Harlan	99	1.3%
Bullitt	96	1.2%
Shelby	88	1.1%
Henderson	87	1.1%
Laurel	87	1.1%
Oldham	86	1.1%
Boyd	85	1.1%
Floyd	85	1.1%
Campbell	84	1.1%
Boyle	80	1.0%
Jessamine	79	1.0%
Muhlenberg	79	1.0%
Logan	77	1.0%
Perry	71	0.9%
Marshall	70	0.9%

County	Deaths	Percent
Nelson	70	0.9%
Lincoln	69	0.9%
Bell	67	0.8%
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	58	0.7%
Mercer	57	0.7%
Calloway	56	0.7%
Hart	56	0.7%
Letcher	52	0.7%
Wayne	50	0.6%
Knox	49	0.6%
Monroe	49	0.6%
Russell	49	0.6%
Allen	48	0.6%
Clay	48	0.6%
Lewis	48	0.6%
Simpson	46	0.6%
Carter	45	0.6%
Mason	44	0.6%
Washington	42	0.5%
Casey	41	0.5%
Jackson	40	0.5%
Marion	40	0.5%
Johnson	39	0.5%
Garrard	37	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%
Metcalfe	32	0.4%
Lawrence	31	0.4%
McLean	31	0.4%
Larue	30	0.4%
Meade	30	0.4%
Butler	28	0.4%
Harrison	28	0.4%
Todd	28	0.4%
Webster	28	0.4%
Anderson	27	0.3%
Crittenden	27	0.3%
Lee	27	0.3%
Livingston	27	0.3%
Edmonson	26	0.3%
Fleming	26	0.3%
Knott	26	0.3%
Spencer	26	0.3%
Grant	25	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%
Magoffin	18	0.2%
Green	17	0.2%
Menifee	17	0.2%
Fulton	16	0.2%
Hickman	16	0.2%
Owsley	16	0.2%
Trigg	16	0.2%
Hancock	15	0.2%
Powell	15	0.2%
Robertson	15	0.2%
Owen	14	0.2%
Breathitt	13	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%
Morgan	5	0.1%
Pendleton	5	0.1%
Elliott	2	0.0%

Total Deaths
7,891

Incidence Rates by County

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

County	Rate
Leslie	251.7
Perry	231.8
Clay	218.2
Bell	200.3
Whitley	196.2
Rockcastle	185.7
Breathitt	177.6
Owsley	174.7
Powell	174.5
Russell	171.4
Marion	171.2
Graves	161.8
Wolfe	161.7
Lawrence	157.6
Larue	150.8
Allen	150.1
Floyd	149.7
Grayson	149.2
Bourbon	148.0
Monroe	144.9
Knox	144.0
Nicholas	143.5
Laurel	140.7
Barren	139.8
Carter	139.1
Breckinridge	136.7
Mercer	136.1
Harlan	135.1
Hardin	134.9
Metcalfe	134.8

County	Rate
Martin	132.7
Logan	132.3
Carroll	129.0
Magoffin	126.9
Webster	124.7
Pike	124.7
Estill	123.6
Harrison	123.3
Muhlenberg	122.7
Henry	122.3
Jackson	119.0
Henderson	116.0
Ohio	113.1
Warren	112.0
Greenup	111.9
Trimble	111.3
Casey	110.5
Nelson	110.3
Fleming	108.8
Washington	107.5
Madison	106.8
Hart	106.6
Owen	106.2
Boyle	104.6
Knott	103.2
Bullitt	102.5
Lincoln	102.4
Boyd	101.8
Robertson	101.7
Lewis	100.1

County	Rate
Hancock	99.9
Spencer	99.7
Marshall	98.8
Fulton	98.1
Johnson	96.6
Cumberland	90.7
Union	89.4
Garrard	89.0
Edmonson	88.2
Menifee	88.1
Daviess	87.3
Franklin	86.3
Woodford	85.5
Butler	85.4
Letcher	83.5
Pendleton	83.2
Hickman	81.5
Taylor	81.5
Clark	81.2
Hopkins	80.9
Jessamine	80.5
Lee	79.1
McLean	77.6
Green	77.0
Montgomery	73.6
Mason	72.8
Fayette	72.6
Gallatin	72.5
Simpson	71.5
Jefferson	68.4

County	Rate
Calloway	67.0
Pulaski	66.8
Meade	66.5
Bath	66.3
Oldham	66.1
Caldwell	65.0
McCracken	64.2
Grant	62.7
Campbell	62.6
Shelby	60.6
Scott	57.4
Rowan	51.4
Boone	51.2
Crittenden	50.3
Adair	49.8
McCreary	49.7
Anderson	48.4
Kenton	48.0
Todd	46.5
Christian	43.0
Morgan	42.9
Elliott	41.8
Ballard	41.7
Lyon	40.0
Clinton	37.7
Bracken	36.1
Livingston	32.6
Trigg	30.2
Carlisle	30.0
Wayne	29.5

Current Overall Incidence Rate
91.43 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.