

KY COVID-19 Report

10SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	620,356	455,613	164,743
Deaths	8,003	7,159	844
New Cases	5,197	3,497	1,700
New Cases 18 and Under	1,443	938	505
Total New Deaths	32	27	5

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
36,592	5.9%	0-9	0.0%	1
79,489	12.8%	10-19	0.0%	3
109,506	17.7%	20-29	0.2%	14
96,593	15.6%	30-39	0.7%	59
91,025	14.7%	40-49	2.5%	201
84,734	13.7%	50-59	7.0%	563
63,237	10.2%	60-69	17.9%	1,432
36,988	6.0%	70-79	27.6%	2,206
21,958	3.5%	80+	44.0%	3,524
234	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,522	0.3%	American Indian	0.1%	8
4,828	0.9%	Asian	0.5%	40
41,485	8.0%	Black	7.9%	602
376	0.1%	Pacific Islander	0.1%	4
444,347	85.6%	White	89.1%	6,833
26,559	5.1%	Multiracial	2.4%	181

Cases	Case Percent	Ethnicity	Death Percent	Deaths
24,211	4.9%	Hispanic	1.6%	119
471,991	95.1%	Non-Hispanic	98.4%	7,300

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 83.7% of cases and 95.8% of deaths
 Ethnicity known for 80.0% of cases and 92.7% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
18,543	132,434	14.00%

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
8,386,562	6,462,048	373,868	1,371,848	752,628	533,884	44,798	173,946

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	27,011	4.35%
Ever ICU	5,368	0.87%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,541
ICU	698
On Ventilator	448

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,713	3,933	71.2%
ICU Beds	1,451	193	88.3%
Ventilators	862	1,064	44.8%

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	129	43	24	15.8%	39.8%	27.3%	63.57%	94.44%	34.09%
Region 2	155	49	30	19.7%	58.3%	34.9%	75.95%	89.29%	51.16%
Region 3	748	212	137	20.0%	51.6%	30.1%	75.53%	95.86%	56.92%
Region 4	170	33	23	20.0%	37.5%	17.2%	63.68%	97.73%	29.85%
Region 5	448	126	84	14.1%	28.8%	15.3%	71.94%	85.16%	41.45%
Region 6	140	31	18	11.8%	40.8%	15.8%	78.67%	96.05%	49.12%
Region 7	156	38	22	23.7%	40.4%	12.9%	68.80%	65.96%	21.18%
Region 8	315	76	54	25.2%	40.6%	35.8%	58.25%	72.19%	53.64%
Region 9	223	70	46	32.0%	62.5%	45.5%	76.29%	95.54%	54.46%
Region 10	57	20	10	12.0%	43.5%	13.0%	61.26%	95.65%	42.86%

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	102,730	16.6%
Fayette	45,322	7.3%
Warren	21,938	3.5%
Kenton	20,013	3.2%
Boone	17,247	2.8%
Hardin	14,931	2.4%
Daviess	14,656	2.4%
Madison	12,733	2.1%
Laurel	11,535	1.9%
Campbell	10,619	1.7%
Bullitt	10,149	1.6%
Oldham	9,187	1.5%
McCracken	8,909	1.4%
Pike	8,874	1.4%
Pulaski	8,730	1.4%
Christian	8,578	1.4%
Henderson	7,019	1.1%
Nelson	7,012	1.1%
Boyd	6,924	1.1%
Scott	6,689	1.1%
Hopkins	6,677	1.1%
Whitley	6,627	1.1%
Barren	6,503	1.0%
Jessamine	6,469	1.0%
Graves	6,391	1.0%
Shelby	6,108	1.0%
Franklin	5,787	0.9%
Floyd	5,709	0.9%
Knox	5,701	0.9%
Greenup	5,137	0.8%

County	Cases	Percent
Bell	4,932	0.8%
Perry	4,751	0.8%
Muhlenberg	4,620	0.7%
Boyle	4,615	0.7%
Clay	4,610	0.7%
Calloway	4,607	0.7%
Taylor	4,422	0.7%
Marshall	4,414	0.7%
Logan	4,293	0.7%
Clark	4,246	0.7%
Harlan	4,110	0.7%
Montgomery	3,872	0.6%
Carter	3,793	0.6%
Mercer	3,674	0.6%
Grayson	3,613	0.6%
Ohio	3,569	0.6%
Lincoln	3,378	0.5%
Marion	3,310	0.5%
Grant	3,265	0.5%
Allen	3,167	0.5%
Johnson	3,081	0.5%
Letcher	2,957	0.5%
Hart	2,905	0.5%
Woodford	2,893	0.5%
Rowan	2,876	0.5%
Meade	2,861	0.5%
Russell	2,738	0.4%
Simpson	2,675	0.4%
McCreary	2,624	0.4%
Adair	2,599	0.4%

County	Cases	Percent
Morgan	2,599	0.4%
Wayne	2,575	0.4%
Bourbon	2,551	0.4%
Harrison	2,529	0.4%
Anderson	2,479	0.4%
Rockcastle	2,444	0.4%
Spencer	2,414	0.4%
Casey	2,223	0.4%
Breckinridge	2,213	0.4%
Union	2,209	0.4%
Mason	2,177	0.4%
Garrard	2,152	0.3%
Jackson	2,113	0.3%
Larue	2,112	0.3%
Webster	2,109	0.3%
Henry	2,107	0.3%
Lawrence	2,082	0.3%
Washington	2,059	0.3%
Lewis	1,981	0.3%
Butler	1,973	0.3%
Powell	1,949	0.3%
Caldwell	1,856	0.3%
Monroe	1,848	0.3%
Knott	1,842	0.3%
Lyon	1,779	0.3%
Fleming	1,770	0.3%
Green	1,762	0.3%
Estill	1,713	0.3%
Magoffin	1,696	0.3%
Leslie	1,664	0.3%

County	Cases	Percent
Clinton	1,663	0.3%
Breathitt	1,630	0.3%
Trigg	1,594	0.3%
Lee	1,562	0.3%
Metcalfe	1,541	0.2%
Carroll	1,534	0.2%
Pendleton	1,522	0.2%
Martin	1,481	0.2%
Todd	1,469	0.2%
Bath	1,342	0.2%
Edmonson	1,236	0.2%
McLean	1,224	0.2%
Hancock	1,199	0.2%
Elliott	1,190	0.2%
Owen	1,142	0.2%
Livingston	1,134	0.2%
Gallatin	1,020	0.2%
Trimble	1,020	0.2%
Wolfe	922	0.1%
Cumberland	909	0.1%
Crittenden	889	0.1%
Bracken	886	0.1%
Nicholas	851	0.1%
Owsley	766	0.1%
Menifee	709	0.1%
Fulton	646	0.1%
Carlisle	572	0.1%
Ballard	568	0.1%
Hickman	488	0.1%
Robertson	284	0.0%

Total Cases
620,356

New Cases by County

County	Cases	Percent
Jefferson	594	11.4%
Fayette	304	5.8%
Hardin	176	3.4%
Warren	160	3.1%
Madison	124	2.4%
Kenton	123	2.4%
Whitley	122	2.3%
Bullitt	119	2.3%
Campbell	109	2.1%
Pike	109	2.1%
Daviess	101	1.9%
Laurel	101	1.9%
Boone	98	1.9%
Knox	90	1.7%
Christian	85	1.6%
Boyd	78	1.5%
Floyd	71	1.4%
Perry	71	1.4%
Pulaski	69	1.3%
Graves	66	1.3%
Greenup	65	1.3%
Carter	63	1.2%
Nelson	63	1.2%
Jessamine	62	1.2%
Bell	60	1.2%
Harlan	57	1.1%
McCracken	53	1.0%
Boyle	49	0.9%
Hopkins	49	0.9%
Ohio	46	0.9%

County	Cases	Percent
Allen	45	0.9%
Barren	45	0.9%
Letcher	45	0.9%
Breckinridge	42	0.8%
Butler	42	0.8%
Franklin	42	0.8%
Henderson	41	0.8%
Clark	40	0.8%
Johnson	40	0.8%
Monroe	39	0.8%
Bourbon	38	0.7%
Grayson	38	0.7%
Muhlenberg	38	0.7%
McCreary	37	0.7%
Oldham	36	0.7%
Clay	35	0.7%
Marion	34	0.7%
Rockcastle	33	0.6%
Shelby	33	0.6%
Garrard	32	0.6%
Lincoln	32	0.6%
Mercer	32	0.6%
Breathitt	30	0.6%
Logan	30	0.6%
Meade	29	0.6%
Anderson	28	0.5%
Knott	27	0.5%
Leslie	27	0.5%
Montgomery	27	0.5%
Jackson	26	0.5%

County	Cases	Percent
Marshall	26	0.5%
Calloway	25	0.5%
Scott	25	0.5%
Magoffin	24	0.5%
Simpson	23	0.4%
Mason	22	0.4%
Carroll	21	0.4%
Gallatin	21	0.4%
Taylor	21	0.4%
Wolfe	21	0.4%
Larue	20	0.4%
Martin	20	0.4%
Powell	20	0.4%
Grant	19	0.4%
Lawrence	19	0.4%
Lewis	19	0.4%
Clinton	18	0.3%
Hart	18	0.3%
Union	18	0.3%
Washington	18	0.3%
Webster	18	0.3%
Harrison	17	0.3%
Lee	17	0.3%
Woodford	17	0.3%
Casey	16	0.3%
Green	15	0.3%
Morgan	15	0.3%
Owen	15	0.3%
Spencer	15	0.3%
Adair	13	0.3%

County	Cases	Percent
Pendleton	13	0.3%
Henry	12	0.2%
Bath	11	0.2%
Bracken	11	0.2%
Caldwell	11	0.2%
Edmonson	11	0.2%
McLean	11	0.2%
Owsley	11	0.2%
Lyon	10	0.2%
Nicholas	10	0.2%
Rowan	10	0.2%
Wayne	10	0.2%
Metcalfe	9	0.2%
Cumberland	8	0.2%
Hancock	8	0.2%
Todd	8	0.2%
Trigg	8	0.2%
Estill	6	0.1%
Fleming	6	0.1%
Livingston	6	0.1%
Menifee	6	0.1%
Fulton	5	0.1%
Hickman	5	0.1%
Russell	5	0.1%
Trimble	4	0.1%
Elliott	3	0.1%
Carlisle	1	0.0%
Crittenden	1	0.0%
Robertson	1	0.0%
Ballard	0	0.0%

Total New Cases
5,197

Total Deaths by County

County	Deaths	Percent
Jefferson	1,435	17.9%
Fayette	343	4.3%
Kenton	224	2.8%
Daviess	222	2.8%
Warren	204	2.5%
Hardin	195	2.4%
Hopkins	165	2.1%
Boone	164	2.0%
McCracken	143	1.8%
Pulaski	140	1.7%
Pike	133	1.7%
Madison	121	1.5%
Christian	113	1.4%
Graves	112	1.4%
Barren	111	1.4%
Harlan	101	1.3%
Bullitt	97	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	85	1.1%
Jessamine	81	1.0%
Boyle	80	1.0%
Muhlenberg	80	1.0%
Logan	77	1.0%
Perry	72	0.9%
Marshall	71	0.9%

County	Deaths	Percent
Nelson	70	0.9%
Bell	69	0.9%
Lincoln	69	0.9%
Whitley	67	0.8%
Franklin	65	0.8%
Greenup	65	0.8%
Grayson	63	0.8%
Ohio	61	0.8%
Taylor	61	0.8%
Adair	59	0.7%
Mercer	57	0.7%
Allen	56	0.7%
Calloway	56	0.7%
Hart	56	0.7%
Letcher	52	0.6%
Clay	51	0.6%
Wayne	51	0.6%
Knox	49	0.6%
Monroe	49	0.6%
Russell	49	0.6%
Lewis	48	0.6%
Simpson	47	0.6%
Carter	46	0.6%
Mason	46	0.6%
Casey	43	0.5%
Jackson	42	0.5%
Washington	42	0.5%
Johnson	40	0.5%
Marion	40	0.5%
Garrard	38	0.5%

County	Deaths	Percent
Scott	37	0.5%
Montgomery	36	0.4%
Caldwell	35	0.4%
Gallatin	35	0.4%
McCreary	35	0.4%
Metcalfe	35	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Lawrence	32	0.4%
Anderson	31	0.4%
McLean	31	0.4%
Larue	30	0.4%
Meade	30	0.4%
Livingston	29	0.4%
Webster	29	0.4%
Butler	28	0.3%
Crittenden	28	0.3%
Harrison	28	0.3%
Knott	28	0.3%
Lee	28	0.3%
Todd	28	0.3%
Grant	27	0.3%
Edmonson	26	0.3%
Fleming	26	0.3%
Spencer	26	0.3%
Rockcastle	25	0.3%
Bath	24	0.3%
Lyon	23	0.3%
Woodford	23	0.3%
Bourbon	22	0.3%

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

Total Deaths
8,003

Incidence Rates by County

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

County	Rate
Perry	208.5
Clay	205.3
Whitley	194.6
Rockcastle	178.8
Leslie	177.9
Harlan	164.8
Bell	161.3
Grayson	156.8
Metcalf	156.0
Cumberland	153.4
Monroe	152.9
Powell	152.6
Breathitt	151.6
Marion	143.1
Owsley	142.4
Knox	141.7
Barren	137.9
Wolfe	137.7
Allen	134.7
Lee	131.2
Harrison	130.1
Russell	129.9
Jackson	129.7
Laurel	127.6
Butler	126.5
Floyd	126.0
Knott	122.5
Carroll	122.3
Bourbon	119.1
Graves	118.8

County	Rate
Hart	118.6
Hardin	117.4
Garrard	116.4
Mercer	113.3
Carter	113.0
Magoffin	112.8
Pike	109.1
Martin	108.5
Lawrence	106.3
Nelson	106.3
Webster	106.0
Henry	103.6
Taylor	103.1
Lewis	102.2
Hancock	101.5
Logan	100.7
Greenup	100.1
Ohio	99.4
Boyd	98.2
Washington	98.0
Warren	97.7
Johnson	97.2
Nicholas	96.3
Boyle	95.0
Letcher	94.8
Muhlenberg	94.7
Madison	93.7
Gallatin	93.4
Bullitt	92.5
Union	92.4

County	Rate
Henderson	91.6
Robertson	88.1
Larue	87.3
Spencer	85.6
Marshall	82.2
McCreary	82.1
Breckinridge	80.9
Edmonson	80.0
Franklin	79.6
Lincoln	79.1
Clark	77.6
Daviess	77.4
Green	75.7
Jessamine	75.5
Pendleton	75.4
Estill	73.9
Simpson	72.3
Hopkins	71.0
Owen	69.5
Montgomery	69.0
Hickman	68.5
Casey	67.2
Meade	66.0
Bracken	65.4
Fayette	65.3
Woodford	62.0
Pulaski	61.1
Trimble	60.7
McLean	60.5
Campbell	60.0

County	Rate
Christian	59.2
Jefferson	58.4
Shelby	55.7
Rowan	53.7
Bath	53.7
Adair	53.6
Calloway	53.5
Lyon	50.5
McCracken	50.2
Todd	50.0
Boone	48.2
Caldwell	48.2
Fulton	47.9
Oldham	47.5
Fleming	47.0
Anderson	46.5
Kenton	46.3
Livingston	45.1
Scott	44.1
Menifee	44.0
Ballard	43.5
Grant	43.3
Mason	36.8
Wayne	35.1
Trigg	33.2
Carlisle	33.0
Morgan	31.1
Elliott	26.6
Crittenden	24.3
Clinton	22.4

Current Overall Incidence Rate
81.57 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.