

KY COVID-19 Report 08OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	710,364	512,067	198,297
Deaths	9,053	8,045	1,008
New Cases	2,145	1,175	970
New Cases 18 and Under	584	269	315
Total New Deaths	31	28	3

Duplicates and records not meeting case criteria removed since last report: 17

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
46,458	6.5%	0-9	0.0%	1
95,776	13.5%	10-19	0.0%	4
122,884	17.3%	20-29	0.3%	25
110,356	15.5%	30-39	1.1%	96
103,254	14.5%	40-49	3.1%	278
95,057	13.4%	50-59	8.1%	737
70,949	10.0%	60-69	18.8%	1,702
41,418	5.8%	70-79	27.1%	2,456
23,974	3.4%	80+	41.5%	3,754
238	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,825	0.3%	American Indian	0.1%	10
5,298	0.9%	Asian	0.5%	43
46,584	7.8%	Black	7.5%	648
378	0.1%	Pacific Islander	0.1%	5
509,666	85.7%	White	89.3%	7,726
30,697	5.2%	Multiracial	2.5%	220

Cases	Case Percent	Ethnicity	Death Percent	Deaths
26,586	4.7%	Hispanic	1.6%	131
539,518	95.3%	Non-Hispanic	98.4%	8,277

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.7% of cases and 95.6% of deaths
Ethnicity known for 79.7% of cases and 92.9% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
7,715	90,913	8.49%

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
9,314,271	7,032,922	391,551	1,671,715	859,967	600,119	50,418	209,430

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	29,852	4.20%
Ever ICU	5,841	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,514
ICU	466
On Ventilator	310

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,983	4,170	68.3%
ICU Beds	1,311	180	87.9%
Ventilators	779	1,181	39.7%

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	58	20	5	7.5%	23.5%	5.2%	54.84%	81.18%	15.63%
Region 2	121	44	32	15.5%	57.1%	37.2%	54.30%	92.21%	53.49%
Region 3	416	126	73	11.1%	31.4%	16.0%	69.88%	89.28%	39.78%
Region 4	87	29	25	10.4%	31.9%	17.0%	61.08%	98.90%	30.61%
Region 5	300	91	65	10.7%	25.5%	11.6%	77.91%	91.32%	46.69%
Region 6	107	27	18	8.9%	32.9%	15.8%	84.00%	100.00%	52.63%
Region 7	102	23	16	15.6%	25.0%	9.4%	66.72%	56.52%	13.53%
Region 8	149	43	31	12.3%	29.3%	20.1%	55.17%	80.95%	50.00%
Region 9	117	40	34	17.7%	36.4%	32.7%	64.95%	89.09%	45.19%
Region 10	57	23	11	11.9%	46.9%	14.7%	56.90%	93.88%	32.00%

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 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

Region 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

Total Cases by County

County	Cases	Percent
Jefferson	115,276	16.2%
Fayette	50,209	7.1%
Warren	24,957	3.5%
Kenton	22,673	3.2%
Boone	19,357	2.7%
Hardin	17,284	2.4%
Daviess	16,300	2.3%
Madison	15,236	2.1%
Laurel	12,662	1.8%
Campbell	11,900	1.7%
Bullitt	11,584	1.6%
Pike	10,181	1.4%
Christian	9,977	1.4%
Pulaski	9,873	1.4%
Oldham	9,824	1.4%
McCracken	9,746	1.4%
Whitley	8,366	1.2%
Nelson	8,013	1.1%
Boyd	8,006	1.1%
Scott	7,864	1.1%
Jessamine	7,792	1.1%
Henderson	7,757	1.1%
Barren	7,721	1.1%
Hopkins	7,707	1.1%
Graves	7,055	1.0%
Knox	6,997	1.0%
Shelby	6,788	1.0%
Floyd	6,733	0.9%
Franklin	6,642	0.9%
Greenup	6,076	0.9%

County	Cases	Percent
Perry	5,852	0.8%
Bell	5,650	0.8%
Muhlenberg	5,362	0.8%
Boyle	5,176	0.7%
Harlan	5,170	0.7%
Taylor	5,139	0.7%
Calloway	5,041	0.7%
Clay	5,023	0.7%
Clark	4,975	0.7%
Logan	4,937	0.7%
Marshall	4,891	0.7%
Grayson	4,465	0.6%
Carter	4,395	0.6%
Montgomery	4,292	0.6%
Mercer	4,257	0.6%
Ohio	4,191	0.6%
Lincoln	4,118	0.6%
Grant	3,848	0.5%
Marion	3,771	0.5%
Letcher	3,702	0.5%
Allen	3,666	0.5%
Johnson	3,603	0.5%
Hart	3,399	0.5%
Meade	3,339	0.5%
Rowan	3,323	0.5%
Russell	3,322	0.5%
Woodford	3,258	0.5%
McCreary	3,228	0.5%
Anderson	3,123	0.4%
Harrison	3,097	0.4%

County	Cases	Percent
Simpson	3,097	0.4%
Rockcastle	3,044	0.4%
Adair	3,037	0.4%
Bourbon	3,020	0.4%
Wayne	2,845	0.4%
Morgan	2,801	0.4%
Spencer	2,740	0.4%
Garrard	2,676	0.4%
Breckinridge	2,590	0.4%
Casey	2,537	0.4%
Lawrence	2,485	0.3%
Jackson	2,481	0.3%
Mason	2,457	0.3%
Henry	2,448	0.3%
Union	2,431	0.3%
Webster	2,399	0.3%
Lewis	2,392	0.3%
Powell	2,372	0.3%
Larue	2,322	0.3%
Knott	2,313	0.3%
Washington	2,260	0.3%
Butler	2,259	0.3%
Monroe	2,198	0.3%
Caldwell	2,171	0.3%
Green	2,149	0.3%
Estill	2,125	0.3%
Magoffin	2,114	0.3%
Leslie	2,090	0.3%
Fleming	2,047	0.3%
Breathitt	1,927	0.3%

County	Cases	Percent
Clinton	1,925	0.3%
Pendleton	1,923	0.3%
Lyon	1,893	0.3%
Trigg	1,882	0.3%
Metcalfe	1,840	0.3%
Martin	1,810	0.3%
Carroll	1,782	0.3%
Lee	1,691	0.2%
Todd	1,644	0.2%
Bath	1,515	0.2%
Edmonson	1,490	0.2%
McLean	1,400	0.2%
Hancock	1,340	0.2%
Livingston	1,324	0.2%
Owen	1,311	0.2%
Elliott	1,279	0.2%
Gallatin	1,178	0.2%
Wolfe	1,145	0.2%
Trimble	1,142	0.2%
Crittenden	1,094	0.2%
Nicholas	1,092	0.2%
Cumberland	1,052	0.1%
Bracken	1,049	0.1%
Owsley	939	0.1%
Menifee	803	0.1%
Fulton	716	0.1%
Ballard	640	0.1%
Carlisle	601	0.1%
Hickman	536	0.1%
Robertson	323	0.0%

Total Cases
710,364

New Cases by County

County	Cases	Percent
Jefferson	317	14.8%
Kenton	83	3.9%
Fayette	80	3.7%
Lewis	66	3.1%
Madison	65	3.0%
Daviess	61	2.8%
Boone	58	2.7%
Henderson	51	2.4%
Pulaski	41	1.9%
Hardin	40	1.9%
Whitley	38	1.8%
Boyd	35	1.6%
Pike	35	1.6%
Bullitt	34	1.6%
Russell	34	1.6%
Warren	34	1.6%
Franklin	32	1.5%
McCracken	31	1.4%
Christian	30	1.4%
Adair	29	1.4%
Campbell	27	1.3%
Nelson	27	1.3%
Perry	27	1.3%
Scott	27	1.3%
Clark	23	1.1%
Floyd	23	1.1%
Grant	22	1.0%
Lincoln	22	1.0%
Harlan	21	1.0%
Shelby	21	1.0%

County	Cases	Percent
Bell	20	0.9%
Greenup	20	0.9%
Laurel	20	0.9%
Rowan	20	0.9%
Oldham	18	0.8%
Clinton	17	0.8%
Johnson	17	0.8%
Muhlenberg	17	0.8%
Anderson	16	0.7%
Carter	16	0.7%
Garrard	16	0.7%
Pendleton	16	0.7%
Breathitt	15	0.7%
Knott	15	0.7%
Letcher	15	0.7%
Mercer	15	0.7%
Taylor	15	0.7%
Lawrence	14	0.7%
Ohio	14	0.7%
Barren	13	0.6%
Hart	13	0.6%
Hopkins	13	0.6%
Grayson	12	0.6%
Jessamine	12	0.6%
Knox	12	0.6%
Rockcastle	12	0.6%
Spencer	11	0.5%
Webster	11	0.5%
Crittenden	10	0.5%
Mason	10	0.5%

County	Cases	Percent
Montgomery	10	0.5%
Boyle	9	0.4%
McCreary	9	0.4%
Monroe	9	0.4%
Woodford	9	0.4%
Allen	8	0.4%
Breckinridge	8	0.4%
Casey	8	0.4%
Leslie	8	0.4%
Marshall	8	0.4%
Bourbon	7	0.3%
Butler	7	0.3%
Estill	7	0.3%
Graves	7	0.3%
Green	7	0.3%
Jackson	7	0.3%
Livingston	7	0.3%
Logan	7	0.3%
Morgan	7	0.3%
Clay	6	0.3%
Henry	6	0.3%
Meade	6	0.3%
Ballard	5	0.2%
Harrison	5	0.2%
McLean	5	0.2%
Trimble	5	0.2%
Bracken	4	0.2%
Calloway	4	0.2%
Cumberland	4	0.2%
Edmonson	4	0.2%

County	Cases	Percent
Magoffin	4	0.2%
Marion	4	0.2%
Metcalfe	4	0.2%
Nicholas	4	0.2%
Powell	4	0.2%
Todd	4	0.2%
Union	4	0.2%
Wolfe	4	0.2%
Carroll	3	0.1%
Owen	3	0.1%
Caldwell	2	0.1%
Fleming	2	0.1%
Fulton	2	0.1%
Gallatin	2	0.1%
Hancock	2	0.1%
Larue	2	0.1%
Menifee	2	0.1%
Simpson	2	0.1%
Washington	2	0.1%
Bath	1	0.0%
Carlisle	1	0.0%
Elliott	1	0.0%
Hickman	1	0.0%
Lee	1	0.0%
Martin	1	0.0%
Owsley	1	0.0%
Lyon	0	0.0%
Robertson	0	0.0%
Trigg	0	0.0%
Wayne	0	0.0%

Total New Cases
2,145

Total Deaths by County

County	Deaths	Percent
Jefferson	1,537	17.0%
Fayette	375	4.1%
Daviess	248	2.7%
Kenton	241	2.7%
Hardin	238	2.6%
Warren	235	2.6%
Hopkins	189	2.1%
Boone	178	2.0%
Pulaski	161	1.8%
McCracken	160	1.8%
Pike	159	1.8%
Madison	144	1.6%
Barren	127	1.4%
Christian	121	1.3%
Graves	120	1.3%
Harlan	119	1.3%
Bullitt	112	1.2%
Laurel	111	1.2%
Floyd	108	1.2%
Shelby	98	1.1%
Boyd	97	1.1%
Henderson	97	1.1%
Campbell	90	1.0%
Oldham	90	1.0%
Bell	89	1.0%
Jessamine	87	1.0%
Muhlenberg	85	0.9%
Perry	84	0.9%
Boyle	80	0.9%
Lincoln	80	0.9%

County	Deaths	Percent
Whitley	80	0.9%
Logan	79	0.9%
Grayson	78	0.9%
Greenup	77	0.9%
Nelson	77	0.9%
Marshall	76	0.8%
Ohio	75	0.8%
Franklin	74	0.8%
Taylor	72	0.8%
Mercer	69	0.8%
Adair	68	0.8%
Allen	62	0.7%
Letcher	62	0.7%
Hart	61	0.7%
Calloway	60	0.7%
Mason	58	0.6%
Monroe	57	0.6%
Clay	56	0.6%
Carter	55	0.6%
Lewis	54	0.6%
Russell	54	0.6%
Wayne	54	0.6%
Simpson	50	0.6%
Knox	49	0.5%
Casey	48	0.5%
Jackson	48	0.5%
Montgomery	48	0.5%
Caldwell	46	0.5%
Johnson	45	0.5%
McCreary	45	0.5%

County	Deaths	Percent
Washington	44	0.5%
Scott	43	0.5%
Garrard	42	0.5%
Larue	40	0.4%
Livingston	40	0.4%
Marion	40	0.4%
Anderson	39	0.4%
McLean	38	0.4%
Metcalfe	38	0.4%
Gallatin	37	0.4%
Lawrence	37	0.4%
Martin	35	0.4%
Clark	34	0.4%
Crittenden	34	0.4%
Knott	34	0.4%
Meade	34	0.4%
Webster	34	0.4%
Clinton	32	0.4%
Fleming	32	0.4%
Butler	31	0.3%
Spencer	31	0.3%
Bourbon	30	0.3%
Harrison	30	0.3%
Todd	30	0.3%
Grant	29	0.3%
Lee	29	0.3%
Union	29	0.3%
Bath	28	0.3%
Edmonson	28	0.3%
Rockcastle	28	0.3%

County	Deaths	Percent
Breckinridge	27	0.3%
Lyon	26	0.3%
Rowan	26	0.3%
Woodford	26	0.3%
Breathitt	24	0.3%
Henry	24	0.3%
Carroll	23	0.3%
Green	23	0.3%
Owen	22	0.2%
Powell	21	0.2%
Trigg	21	0.2%
Magoffin	20	0.2%
Menifee	20	0.2%
Hickman	19	0.2%
Ballard	17	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Leslie	16	0.2%
Owsley	16	0.2%
Cumberland	15	0.2%
Nicholas	15	0.2%
Robertson	15	0.2%
Pendleton	14	0.2%
Estill	12	0.1%
Carlisle	11	0.1%
Trimble	11	0.1%
Wolfe	9	0.1%
Bracken	8	0.1%
Elliott	7	0.1%
Morgan	6	0.1%

Total Deaths
9,053

Incidence Rates by County

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

County	Rate
Perry	94.8
Harlan	94.5
Pendleton	93.0
Whitley	89.4
Rockcastle	86.4
Owsley	84.1
Robertson	81.3
Mercer	78.2
Green	77.0
Taylor	74.8
Wolfe	73.9
Muhlenberg	73.2
Lawrence	70.9
Adair	67.0
Bell	65.3
Grayson	64.9
Knox	62.8
Estill	61.8
Pike	61.5
Garrard	61.5
Powell	61.3
Floyd	60.2
Leslie	59.3
Meade	59.0
Monroe	57.7
Allen	57.6
Madison	57.5
Russell	56.6
Jackson	55.7
Metcalfe	55.3

County	Rate
Henry	54.9
Rowan	53.1
Greenup	52.9
Boyd	51.1
Trimble	50.6
Nelson	50.1
Harrison	49.9
Breathitt	49.8
Hart	49.5
Ohio	48.8
Simpson	48.5
Carroll	48.4
Lincoln	47.7
Carter	47.4
Logan	46.9
Grant	46.2
Marion	46.0
Gallatin	45.1
Bracken	44.7
Henderson	44.2
Nicholas	43.2
McCreary	43.1
Martin	42.1
Bourbon	41.9
Fulton	40.7
Daviess	40.5
Letcher	40.4
Kenton	40.0
Webster	39.7
Franklin	39.2

County	Rate
Cumberland	38.9
McLean	38.8
Jessamine	38.3
Warren	38.1
Knott	37.6
Magoffin	37.6
Jefferson	37.4
Spencer	36.2
Hardin	36.0
Christian	35.5
Boone	35.3
Clay	35.2
Lewis	34.4
Laurel	34.3
Washington	34.3
Fayette	34.2
Bullitt	33.6
Barren	33.6
Butler	33.3
Casey	32.7
Fleming	32.3
Scott	32.3
Boyle	32.3
Woodford	32.1
Mason	31.8
Hopkins	31.3
Shelby	30.6
Marshall	30.3
Johnson	30.3
Campbell	28.9

County	Rate
Clinton	28.0
Hancock	27.8
Pulaski	27.7
Graves	27.6
Clark	27.6
Bath	27.4
Breckinridge	27.2
Owen	26.2
Edmonson	25.9
Union	25.8
Todd	25.6
Montgomery	25.4
Ballard	25.4
Calloway	25.3
Anderson	24.5
Lyon	24.4
McCracken	23.4
Oldham	22.7
Menifee	22.0
Larue	21.8
Lee	21.2
Morgan	20.4
Wayne	17.6
Trigg	17.6
Caldwell	16.8
Hickman	16.3
Livingston	15.5
Crittenden	14.6
Elliott	11.4
Carlisle	9.0

Current Overall Incidence Rate
40.71 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.