

KY COVID-19 Report 02OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	697,970	504,634	193,336
Deaths	8,858	7,885	973
New Cases	2,511	1,514	997
New Cases 18 and Under	704	395	309
Total New Deaths	54	45	9

Duplicates and records not meeting case criteria removed since last report: 15

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
45,156	6.5%	0-9	0.0%	1
93,855	13.4%	10-19	0.0%	4
121,019	17.3%	20-29	0.3%	24
108,451	15.5%	30-39	1.0%	88
101,516	14.5%	40-49	3.0%	264
93,495	13.4%	50-59	8.0%	712
69,846	10.0%	60-69	18.6%	1,647
40,734	5.8%	70-79	27.2%	2,405
23,661	3.4%	80+	41.9%	3,713
237	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,787	0.3%	American Indian	0.1%	9
5,245	0.9%	Asian	0.5%	43
45,839	7.9%	Black	7.5%	636
378	0.1%	Pacific Islander	0.1%	5
499,904	85.7%	White	89.3%	7,563
30,191	5.2%	Multiracial	2.5%	211

Cases	Case Percent	Ethnicity	Death Percent	Deaths
26,214	4.7%	Hispanic	1.6%	129
529,048	95.3%	Non-Hispanic	98.4%	8,090

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.6% of cases and 95.6% of deaths
Ethnicity known for 79.6% of cases and 92.8% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
10,560	110,457	9.56%

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
9,152,326	6,940,346	389,568	1,611,096	844,211	591,342	49,719	203,150

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	29,195	4.18%
Ever ICU	5,727	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,862
ICU	520
On Ventilator	355

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,221	3,910	70.2%
ICU Beds	1,366	149	90.2%
Ventilators	841	1,144	42.4%

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	67	23	11	8.6%	26.1%	11.3%	58.23%	71.59%	13.40%
Region 2	149	42	25	19.1%	53.8%	29.1%	72.05%	96.15%	52.33%
Region 3	508	143	88	13.5%	35.8%	18.7%	72.21%	93.75%	43.19%
Region 4	118	37	33	14.1%	39.4%	22.8%	64.92%	98.94%	38.62%
Region 5	362	97	74	13.3%	28.4%	12.9%	76.56%	96.20%	48.52%
Region 6	130	20	10	10.7%	23.8%	8.8%	82.74%	100.00%	43.86%
Region 7	114	29	17	17.5%	32.6%	10.0%	65.34%	62.92%	13.53%
Region 8	169	48	39	13.4%	27.4%	25.7%	57.74%	78.29%	56.58%
Region 9	162	57	43	24.3%	49.6%	42.2%	62.37%	92.17%	56.86%
Region 10	83	24	15	17.3%	48.0%	20.3%	63.26%	96.00%	37.84%

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	113,498	16.3%
Fayette	49,548	7.1%
Warren	24,669	3.5%
Kenton	22,235	3.2%
Boone	19,029	2.7%
Hardin	17,027	2.4%
Daviess	16,031	2.3%
Madison	14,936	2.1%
Laurel	12,643	1.8%
Campbell	11,707	1.7%
Bullitt	11,426	1.6%
Pike	9,946	1.4%
Christian	9,815	1.4%
Oldham	9,726	1.4%
Pulaski	9,695	1.4%
McCracken	9,613	1.4%
Whitley	8,014	1.1%
Nelson	7,880	1.1%
Boyd	7,847	1.1%
Jessamine	7,675	1.1%
Scott	7,671	1.1%
Barren	7,645	1.1%
Henderson	7,610	1.1%
Hopkins	7,539	1.1%
Graves	6,993	1.0%
Knox	6,925	1.0%
Shelby	6,682	1.0%
Floyd	6,589	0.9%
Franklin	6,515	0.9%
Greenup	5,954	0.9%

County	Cases	Percent
Perry	5,676	0.8%
Bell	5,543	0.8%
Muhlenberg	5,233	0.7%
Boyle	5,119	0.7%
Harlan	5,023	0.7%
Taylor	5,016	0.7%
Calloway	4,995	0.7%
Clay	4,983	0.7%
Clark	4,877	0.7%
Logan	4,875	0.7%
Marshall	4,824	0.7%
Grayson	4,328	0.6%
Carter	4,306	0.6%
Montgomery	4,247	0.6%
Mercer	4,143	0.6%
Ohio	4,121	0.6%
Lincoln	3,996	0.6%
Grant	3,737	0.5%
Marion	3,722	0.5%
Letcher	3,630	0.5%
Allen	3,586	0.5%
Johnson	3,558	0.5%
Hart	3,350	0.5%
Rowan	3,249	0.5%
Russell	3,236	0.5%
Meade	3,234	0.5%
Woodford	3,207	0.5%
McCreary	3,171	0.5%
Simpson	3,051	0.4%
Harrison	3,017	0.4%

County	Cases	Percent
Anderson	3,013	0.4%
Bourbon	2,967	0.4%
Rockcastle	2,967	0.4%
Adair	2,932	0.4%
Wayne	2,814	0.4%
Morgan	2,779	0.4%
Spencer	2,694	0.4%
Garrard	2,583	0.4%
Breckinridge	2,566	0.4%
Casey	2,496	0.4%
Jackson	2,433	0.3%
Lawrence	2,413	0.3%
Mason	2,411	0.3%
Union	2,404	0.3%
Henry	2,389	0.3%
Webster	2,362	0.3%
Powell	2,323	0.3%
Larue	2,301	0.3%
Knott	2,253	0.3%
Lewis	2,246	0.3%
Washington	2,235	0.3%
Butler	2,227	0.3%
Monroe	2,152	0.3%
Caldwell	2,127	0.3%
Green	2,094	0.3%
Magoffin	2,076	0.3%
Estill	2,068	0.3%
Leslie	2,033	0.3%
Fleming	2,006	0.3%
Breathitt	1,888	0.3%

County	Cases	Percent
Clinton	1,884	0.3%
Lyon	1,863	0.3%
Trigg	1,844	0.3%
Pendleton	1,837	0.3%
Metcalfe	1,808	0.3%
Martin	1,770	0.3%
Carroll	1,745	0.3%
Lee	1,677	0.2%
Todd	1,613	0.2%
Bath	1,488	0.2%
Edmonson	1,470	0.2%
McLean	1,375	0.2%
Hancock	1,324	0.2%
Livingston	1,305	0.2%
Owen	1,294	0.2%
Elliott	1,272	0.2%
Gallatin	1,152	0.2%
Wolfe	1,116	0.2%
Trimble	1,110	0.2%
Crittenden	1,065	0.2%
Nicholas	1,045	0.1%
Cumberland	1,032	0.1%
Bracken	1,027	0.1%
Owsley	910	0.1%
Menifee	794	0.1%
Fulton	696	0.1%
Ballard	619	0.1%
Carlisle	596	0.1%
Hickman	529	0.1%
Robertson	313	0.0%

Total Cases
697,970

New Cases by County

County	Cases	Percent
Jefferson	310	12.3%
Fayette	152	6.1%
Kenton	86	3.4%
Warren	81	3.2%
Pike	65	2.6%
Hardin	63	2.5%
Boone	62	2.5%
Daviess	59	2.3%
Madison	59	2.3%
Whitley	42	1.7%
Harlan	38	1.5%
Knox	38	1.5%
Grayson	37	1.5%
Henderson	37	1.5%
Anderson	35	1.4%
Christian	35	1.4%
Logan	34	1.4%
Hopkins	33	1.3%
Bullitt	32	1.3%
Boyd	30	1.2%
Laurel	29	1.2%
Bell	28	1.1%
Nelson	28	1.1%
Perry	28	1.1%
Taylor	28	1.1%
Barren	27	1.1%
Floyd	26	1.0%
Franklin	26	1.0%
Knott	26	1.0%
Lincoln	26	1.0%

County	Cases	Percent
Muhlenberg	26	1.0%
Scott	26	1.0%
McCracken	25	1.0%
Meade	25	1.0%
Calloway	24	1.0%
Garrard	24	1.0%
Campbell	22	0.9%
Jessamine	22	0.9%
Rowan	22	0.9%
Carter	21	0.8%
Pendleton	20	0.8%
Pulaski	20	0.8%
Clark	19	0.8%
Green	19	0.8%
Graves	18	0.7%
Simpson	18	0.7%
Breckinridge	17	0.7%
Mercer	17	0.7%
Adair	16	0.6%
Greenup	16	0.6%
Rockcastle	15	0.6%
Grant	14	0.6%
Johnson	14	0.6%
Oldham	14	0.6%
Boyle	13	0.5%
Bourbon	12	0.5%
Clay	12	0.5%
Lawrence	12	0.5%
Ohio	12	0.5%
Spencer	12	0.5%

County	Cases	Percent
Woodford	12	0.5%
Bath	11	0.4%
Elliott	11	0.4%
Leslie	11	0.4%
Shelby	11	0.4%
Wolfe	11	0.4%
Allen	10	0.4%
Estill	10	0.4%
Hart	10	0.4%
Letcher	10	0.4%
Marshall	10	0.4%
Breathitt	9	0.4%
Jackson	9	0.4%
Livingston	9	0.4%
McCreary	9	0.4%
Marion	9	0.4%
Montgomery	9	0.4%
Russell	9	0.4%
Trigg	9	0.4%
Bracken	8	0.3%
Harrison	8	0.3%
Larue	8	0.3%
Metcalfe	8	0.3%
Nicholas	8	0.3%
Todd	8	0.3%
Webster	8	0.3%
Casey	7	0.3%
Henry	7	0.3%
Martin	7	0.3%
Crittenden	6	0.2%

County	Cases	Percent
Gallatin	6	0.2%
Mason	6	0.2%
McLean	5	0.2%
Menifee	5	0.2%
Powell	5	0.2%
Union	5	0.2%
Washington	5	0.2%
Cumberland	4	0.2%
Edmonson	4	0.2%
Fleming	4	0.2%
Hancock	4	0.2%
Monroe	4	0.2%
Morgan	4	0.2%
Wayne	4	0.2%
Butler	3	0.1%
Caldwell	3	0.1%
Clinton	3	0.1%
Lewis	3	0.1%
Owsley	3	0.1%
Robertson	3	0.1%
Carroll	2	0.1%
Fulton	2	0.1%
Ballard	1	0.0%
Lee	1	0.0%
Magoffin	1	0.0%
Owen	1	0.0%
Trimble	1	0.0%
Carlisle	0	0.0%
Hickman	0	0.0%
Lyon	0	0.0%

Total New Cases
2,511

Total Deaths by County

County	Deaths	Percent
Jefferson	1,519	17.1%
Fayette	362	4.1%
Daviess	244	2.8%
Kenton	241	2.7%
Hardin	231	2.6%
Warren	223	2.5%
Hopkins	184	2.1%
Boone	178	2.0%
McCracken	159	1.8%
Pulaski	158	1.8%
Pike	150	1.7%
Madison	144	1.6%
Christian	121	1.4%
Barren	120	1.4%
Harlan	119	1.3%
Graves	118	1.3%
Bullitt	112	1.3%
Laurel	111	1.3%
Floyd	101	1.1%
Shelby	97	1.1%
Boyd	96	1.1%
Henderson	94	1.1%
Campbell	90	1.0%
Oldham	90	1.0%
Bell	88	1.0%
Jessamine	87	1.0%
Muhlenberg	85	1.0%
Perry	82	0.9%
Boyle	80	0.9%
Logan	77	0.9%

County	Deaths	Percent
Grayson	76	0.9%
Marshall	75	0.8%
Whitley	75	0.8%
Greenup	74	0.8%
Lincoln	74	0.8%
Ohio	74	0.8%
Franklin	73	0.8%
Nelson	73	0.8%
Taylor	72	0.8%
Mercer	67	0.8%
Adair	66	0.7%
Allen	61	0.7%
Calloway	60	0.7%
Hart	60	0.7%
Letcher	58	0.7%
Mason	57	0.6%
Monroe	57	0.6%
Clay	55	0.6%
Lewis	54	0.6%
Russell	54	0.6%
Wayne	54	0.6%
Carter	52	0.6%
Knox	49	0.6%
Casey	47	0.5%
Simpson	47	0.5%
Jackson	46	0.5%
Caldwell	45	0.5%
McCreary	45	0.5%
Montgomery	45	0.5%
Johnson	44	0.5%

County	Deaths	Percent
Washington	44	0.5%
Garrard	42	0.5%
Scott	42	0.5%
Livingston	40	0.5%
Marion	40	0.5%
Anderson	37	0.4%
Gallatin	37	0.4%
Larue	37	0.4%
Lawrence	37	0.4%
Metcalfe	37	0.4%
McLean	36	0.4%
Meade	34	0.4%
Crittenden	33	0.4%
Knott	33	0.4%
Webster	33	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Martin	31	0.3%
Todd	30	0.3%
Butler	29	0.3%
Fleming	29	0.3%
Grant	29	0.3%
Harrison	29	0.3%
Lee	29	0.3%
Bath	28	0.3%
Edmonson	28	0.3%
Rockcastle	28	0.3%
Spencer	28	0.3%
Union	28	0.3%
Bourbon	27	0.3%

County	Deaths	Percent
Breckinridge	26	0.3%
Rowan	26	0.3%
Woodford	26	0.3%
Lyon	25	0.3%
Breathitt	24	0.3%
Carroll	23	0.3%
Henry	23	0.3%
Green	22	0.2%
Owen	21	0.2%
Menifee	20	0.2%
Powell	20	0.2%
Trigg	20	0.2%
Hickman	18	0.2%
Magoffin	18	0.2%
Ballard	17	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Owsley	16	0.2%
Cumberland	15	0.2%
Leslie	15	0.2%
Nicholas	15	0.2%
Robertson	15	0.2%
Pendleton	14	0.2%
Estill	12	0.1%
Carlisle	11	0.1%
Trimble	9	0.1%
Bracken	8	0.1%
Wolfe	8	0.1%
Morgan	6	0.1%
Elliott	4	0.0%

Total Deaths
8,858

Incidence Rates by County

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

County	Rate
Owsley	139.1
Harlan	125.2
Whitley	124.5
McCreary	119.4
Perry	108.7
Grayson	108.1
Green	103.2
Pendleton	102.8
Taylor	100.9
Lawrence	99.8
Rockcastle	96.7
Ohio	89.3
Letcher	84.2
Muhlenberg	82.1
Jefferson	81.4
Knott	81.0
Russell	80.5
Harrison	79.4
Nicholas	78.6
Metcalfe	78.0
Knox	77.1
Mercer	76.9
Bell	75.2
Magoffin	75.2
Garrard	74.4
Powell	72.8
Greenup	70.4
Madison	69.7
Nelson	69.5
Adair	69.2

County	Rate
Lincoln	68.1
Estill	67.9
Robertson	67.8
Allen	67.0
Cumberland	67.0
Webster	66.2
Boyd	66.0
Marion	66.0
Hardin	65.8
Monroe	65.7
Jackson	64.3
McLean	63.6
Henry	62.9
Logan	62.2
Wolfe	61.9
Martin	61.3
Christian	60.6
Carter	59.2
Daviess	59.1
Floyd	59.0
Leslie	57.9
Spencer	57.6
Rowan	57.2
Owen	56.4
Butler	55.5
Clark	54.8
Jessamine	54.4
Bourbon	54.1
Pike	54.1
Hart	52.5

County	Rate
Carroll	52.4
Simpson	52.3
Barren	52.3
Kenton	51.8
Bullitt	51.4
Caldwell	50.4
Clinton	50.3
Breathitt	49.8
Warren	49.0
Larue	48.6
Bracken	48.2
Boone	47.7
Johnson	47.0
Fayette	46.8
Laurel	46.3
Hancock	45.9
Boyle	44.2
Casey	43.3
Clay	42.4
Scott	41.9
Union	41.7
Fleming	41.1
Franklin	40.6
Gallatin	40.3
Washington	40.2
Henderson	40.1
Hopkins	40.0
Graves	39.9
Breckinridge	39.1
Calloway	38.8

County	Rate
Edmonson	38.8
Pulaski	37.6
Trigg	37.1
Meade	36.0
Shelby	35.6
Bath	35.4
Grant	34.8
Marshall	34.5
Woodford	34.2
Campbell	33.9
Anderson	31.4
Wayne	30.9
Menifee	30.8
Oldham	30.8
Lewis	30.1
Montgomery	29.4
Morgan	29.0
Mason	28.5
McCracken	28.2
Livingston	28.0
Trimble	27.0
Fulton	26.3
Hickman	26.1
Todd	24.4
Lyon	24.4
Crittenden	24.3
Ballard	16.3
Elliott	13.3
Lee	11.6
Carlisle	6.0

Current Overall Incidence Rate
59.06 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.