

KY COVID-19 Report

04OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	700,393	506,312	194,081
Deaths	8,906	7,920	986
New Cases	1,239	869	370
New Cases 18 and Under	287	198	89
Total New Deaths	26	19	7

Duplicates and records not meeting case criteria removed since last report: 16

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
45,424	6.5%	0-9	0.0%	1
94,172	13.4%	10-19	0.0%	4
121,433	17.3%	20-29	0.3%	24
108,809	15.5%	30-39	1.0%	88
101,844	14.5%	40-49	3.0%	267
93,833	13.4%	50-59	8.0%	715
70,041	10.0%	60-69	18.7%	1,661
40,879	5.8%	70-79	27.2%	2,418
23,720	3.4%	80+	41.9%	3,728
238	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,796	0.3%	American Indian	0.1%	10
5,258	0.9%	Asian	0.5%	43
45,985	7.8%	Black	7.5%	639
378	0.1%	Pacific Islander	0.1%	5
502,260	85.7%	White	89.3%	7,600
30,314	5.2%	Multiracial	2.5%	213

Cases	Case Percent	Ethnicity	Death Percent	Deaths
26,302	4.7%	Hispanic	1.6%	129
530,928	95.3%	Non-Hispanic	98.4%	8,132

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 79.6% of cases and 92.8% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,555	102,606	9.31%

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
9,183,785	6,961,967	390,630	1,618,631	847,425	593,556	50,073	203,796

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	29,339	4.19%
Ever ICU	5,757	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,668
ICU	496
On Ventilator	332

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,966	4,531	66.4%
ICU Beds	1,362	196	87.4%
Ventilators	782	1,145	40.6%

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	48	11	6	6.3%	15.5%	6.3%	52.08%	88.73%	14.58%
Region 2	135	42	24	17.3%	53.2%	27.9%	67.99%	93.67%	46.51%
Region 3	467	131	88	12.5%	33.1%	19.6%	69.30%	92.17%	43.78%
Region 4	106	31	27	12.7%	33.3%	18.5%	58.78%	98.92%	35.62%
Region 5	333	96	70	11.4%	27.4%	12.5%	72.64%	91.17%	46.52%
Region 6	135	24	14	11.1%	30.4%	12.3%	81.32%	97.47%	31.58%
Region 7	98	29	13	13.9%	20.6%	9.3%	63.64%	60.99%	15.00%
Region 8	150	47	36	12.3%	34.6%	22.6%	55.47%	91.18%	52.20%
Region 9	140	58	41	20.8%	51.8%	39.8%	60.86%	94.64%	49.51%
Region 10	56	27	13	8.7%	27.0%	18.1%	48.05%	55.00%	37.50%

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	113,858	16.3%
Fayette	49,679	7.1%
Warren	24,738	3.5%
Kenton	22,332	3.2%
Boone	19,098	2.7%
Hardin	17,077	2.4%
Daviess	16,107	2.3%
Madison	14,979	2.1%
Laurel	12,637	1.8%
Campbell	11,759	1.7%
Bullitt	11,462	1.6%
Pike	9,998	1.4%
Christian	9,829	1.4%
Oldham	9,745	1.4%
Pulaski	9,735	1.4%
McCracken	9,634	1.4%
Whitley	8,106	1.2%
Nelson	7,902	1.1%
Boyd	7,850	1.1%
Scott	7,713	1.1%
Jessamine	7,702	1.1%
Barren	7,658	1.1%
Henderson	7,634	1.1%
Hopkins	7,558	1.1%
Graves	7,014	1.0%
Knox	6,907	1.0%
Shelby	6,692	1.0%
Floyd	6,617	0.9%
Franklin	6,541	0.9%
Greenup	5,981	0.9%

County	Cases	Percent
Perry	5,706	0.8%
Bell	5,568	0.8%
Muhlenberg	5,258	0.8%
Boyle	5,130	0.7%
Taylor	5,086	0.7%
Harlan	5,041	0.7%
Calloway	4,999	0.7%
Clay	4,992	0.7%
Clark	4,900	0.7%
Logan	4,893	0.7%
Marshall	4,832	0.7%
Grayson	4,364	0.6%
Carter	4,329	0.6%
Montgomery	4,258	0.6%
Mercer	4,150	0.6%
Ohio	4,138	0.6%
Lincoln	4,036	0.6%
Grant	3,751	0.5%
Marion	3,736	0.5%
Letcher	3,641	0.5%
Allen	3,613	0.5%
Johnson	3,562	0.5%
Hart	3,361	0.5%
Rowan	3,267	0.5%
Russell	3,260	0.5%
Meade	3,241	0.5%
Woodford	3,223	0.5%
McCreary	3,191	0.5%
Simpson	3,060	0.4%
Harrison	3,033	0.4%

County	Cases	Percent
Anderson	3,030	0.4%
Rockcastle	2,988	0.4%
Bourbon	2,975	0.4%
Adair	2,943	0.4%
Wayne	2,827	0.4%
Morgan	2,787	0.4%
Spencer	2,700	0.4%
Garrard	2,614	0.4%
Breckinridge	2,573	0.4%
Casey	2,498	0.4%
Jackson	2,441	0.3%
Lawrence	2,418	0.3%
Mason	2,417	0.3%
Union	2,411	0.3%
Henry	2,407	0.3%
Webster	2,370	0.3%
Powell	2,327	0.3%
Larue	2,308	0.3%
Knott	2,259	0.3%
Lewis	2,249	0.3%
Washington	2,239	0.3%
Butler	2,232	0.3%
Monroe	2,157	0.3%
Caldwell	2,137	0.3%
Green	2,094	0.3%
Magoffin	2,082	0.3%
Estill	2,080	0.3%
Leslie	2,047	0.3%
Fleming	2,013	0.3%
Breathitt	1,892	0.3%

County	Cases	Percent
Clinton	1,891	0.3%
Lyon	1,871	0.3%
Trigg	1,850	0.3%
Pendleton	1,845	0.3%
Metcalfe	1,819	0.3%
Martin	1,771	0.3%
Carroll	1,750	0.2%
Lee	1,680	0.2%
Todd	1,617	0.2%
Bath	1,498	0.2%
Edmonson	1,474	0.2%
McLean	1,379	0.2%
Hancock	1,328	0.2%
Livingston	1,306	0.2%
Owen	1,297	0.2%
Elliott	1,276	0.2%
Gallatin	1,154	0.2%
Wolfe	1,121	0.2%
Trimble	1,119	0.2%
Crittenden	1,069	0.2%
Nicholas	1,051	0.2%
Cumberland	1,033	0.1%
Bracken	1,028	0.1%
Owsley	919	0.1%
Menifee	796	0.1%
Fulton	706	0.1%
Ballard	619	0.1%
Carlisle	596	0.1%
Hickman	529	0.1%
Robertson	316	0.0%

Total Cases
700,393

New Cases by County

County	Cases	Percent
Jefferson	202	16.3%
Kenton	53	4.3%
Fayette	52	4.2%
Boone	48	3.9%
Warren	39	3.1%
Pike	34	2.7%
Campbell	30	2.4%
Madison	30	2.4%
Daviess	25	2.0%
Hardin	25	2.0%
Russell	24	1.9%
Scott	22	1.8%
Pulaski	21	1.7%
Jessamine	18	1.5%
Bell	17	1.4%
Muhlenberg	17	1.4%
Taylor	17	1.4%
Bullitt	16	1.3%
Grayson	16	1.3%
Laurel	16	1.3%
Hopkins	14	1.1%
Lincoln	13	1.0%
Oldham	13	1.0%
Perry	13	1.0%
Rockcastle	13	1.0%
Greenup	12	1.0%
Logan	12	1.0%
McCreary	12	1.0%
Nelson	12	1.0%
Anderson	11	0.9%

County	Cases	Percent
Garrard	11	0.9%
Graves	11	0.9%
Henry	11	0.9%
McCracken	11	0.9%
Carter	10	0.8%
Casey	10	0.8%
Grant	10	0.8%
Adair	9	0.7%
Allen	9	0.7%
Henderson	9	0.7%
Ohio	9	0.7%
Rowan	9	0.7%
Whitley	9	0.7%
Woodford	9	0.7%
Marion	8	0.6%
Christian	7	0.6%
Franklin	7	0.6%
Harrison	7	0.6%
Metcalfe	7	0.6%
Morgan	7	0.6%
Simpson	7	0.6%
Bourbon	6	0.5%
Caldwell	6	0.5%
Clay	6	0.5%
Knox	6	0.5%
Meade	6	0.5%
Owsley	6	0.5%
Bath	5	0.4%
Boyle	5	0.4%
Butler	5	0.4%

County	Cases	Percent
Clark	5	0.4%
Harlan	5	0.4%
Jackson	5	0.4%
Montgomery	5	0.4%
Pendleton	5	0.4%
Barren	4	0.3%
Carroll	4	0.3%
Clinton	4	0.3%
Floyd	4	0.3%
Fulton	4	0.3%
Johnson	4	0.3%
Lawrence	4	0.3%
Marshall	4	0.3%
Mercer	4	0.3%
Monroe	4	0.3%
Nicholas	4	0.3%
Trigg	4	0.3%
Wayne	4	0.3%
Webster	4	0.3%
Wolfe	4	0.3%
Calloway	3	0.2%
Estill	3	0.2%
Fleming	3	0.2%
Lyon	3	0.2%
Magoffin	3	0.2%
Mason	3	0.2%
Owen	3	0.2%
Powell	3	0.2%
Shelby	3	0.2%
Todd	3	0.2%

County	Cases	Percent
Trimble	3	0.2%
Boyd	2	0.2%
Breathitt	2	0.2%
Edmonson	2	0.2%
Elliott	2	0.2%
Green	2	0.2%
Hart	2	0.2%
Larue	2	0.2%
Letcher	2	0.2%
Lewis	2	0.2%
Menifee	2	0.2%
Robertson	2	0.2%
Spencer	2	0.2%
Washington	2	0.2%
Bracken	1	0.1%
Breckinridge	1	0.1%
Cumberland	1	0.1%
Gallatin	1	0.1%
Hancock	1	0.1%
Knott	1	0.1%
Leslie	1	0.1%
McLean	1	0.1%
Martin	1	0.1%
Union	1	0.1%
Ballard	0	0.0%
Carlisle	0	0.0%
Crittenden	0	0.0%
Hickman	0	0.0%
Lee	0	0.0%
Livingston	0	0.0%

Total New Cases
1,239

Total Deaths by County

County	Deaths	Percent
Jefferson	1,522	17.1%
Fayette	365	4.1%
Daviess	245	2.8%
Kenton	241	2.7%
Hardin	234	2.6%
Warren	223	2.5%
Hopkins	184	2.1%
Boone	178	2.0%
Pulaski	161	1.8%
McCracken	160	1.8%
Pike	159	1.8%
Madison	144	1.6%
Christian	121	1.4%
Barren	120	1.3%
Harlan	119	1.3%
Graves	118	1.3%
Bullitt	112	1.3%
Laurel	111	1.2%
Floyd	100	1.1%
Shelby	98	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	84	0.9%
Boyle	80	0.9%
Logan	77	0.9%

County	Deaths	Percent
Whitley	77	0.9%
Grayson	76	0.9%
Marshall	75	0.8%
Franklin	74	0.8%
Greenup	74	0.8%
Lincoln	74	0.8%
Nelson	74	0.8%
Ohio	74	0.8%
Taylor	72	0.8%
Adair	68	0.8%
Mercer	67	0.8%
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	53	0.6%
Knox	49	0.6%
Casey	48	0.5%
Jackson	47	0.5%
Simpson	47	0.5%
Montgomery	46	0.5%
Caldwell	45	0.5%
Johnson	45	0.5%
McCreary	45	0.5%

County	Deaths	Percent
Washington	44	0.5%
Garrard	42	0.5%
Scott	42	0.5%
Livingston	40	0.4%
Marion	40	0.4%
Anderson	39	0.4%
Larue	39	0.4%
Gallatin	37	0.4%
Lawrence	37	0.4%
Metcalfe	37	0.4%
McLean	36	0.4%
Knott	34	0.4%
Meade	34	0.4%
Crittenden	33	0.4%
Martin	33	0.4%
Webster	33	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Harrison	30	0.3%
Todd	30	0.3%
Butler	29	0.3%
Fleming	29	0.3%
Grant	29	0.3%
Lee	29	0.3%
Union	29	0.3%
Bath	28	0.3%
Bourbon	28	0.3%
Edmonson	28	0.3%
Rockcastle	28	0.3%
Spencer	28	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%
Green	23	0.3%
Henry	23	0.3%
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	10	0.1%
Bracken	8	0.1%
Wolfe	8	0.1%
Morgan	6	0.1%
Elliott	4	0.0%

Total Deaths
8,906

Incidence Rates by County

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

County	Rate
Owsley	148.8
Taylor	125.3
Whitley	120.5
Harlan	117.0
Perry	105.9
Rockcastle	104.4
Pendleton	91.1
Grayson	89.2
Green	84.9
Ohio	83.9
Muhlenberg	82.1
Jefferson	80.2
Lawrence	78.3
Bell	77.9
Metcalfe	76.6
Allen	76.4
Russell	74.9
McCreary	73.8
Harrison	72.6
Garrard	71.2
Magoffin	70.5
Marion	70.4
Mercer	69.7
Knox	69.3
Nelson	68.0
Madison	67.8
Webster	67.3
Monroe	65.7
Letcher	65.0
Powell	64.7

County	Rate
Cumberland	62.6
Adair	62.5
Hardin	61.8
Logan	61.1
Knott	60.8
Lincoln	60.5
Carter	60.2
Henry	60.2
Wolfe	59.9
Greenup	59.0
Jackson	58.9
Christian	58.8
Estill	58.7
Pike	57.3
Nicholas	57.0
Daviess	56.6
Rowan	54.9
Floyd	54.6
Butler	54.4
Robertson	54.2
Martin	53.6
Jessamine	53.6
Simpson	53.1
Bourbon	52.0
McLean	51.2
Bullitt	49.0
Warren	48.9
Spencer	48.7
Larue	48.6
Owen	48.5

County	Rate
Boyd	48.3
Caldwell	48.2
Kenton	48.0
Breathitt	47.5
Carroll	47.0
Clark	46.5
Fayette	46.0
Barren	45.5
Hart	45.0
Leslie	44.8
Clinton	44.7
Scott	44.4
Casey	44.2
Henderson	43.9
Union	43.7
Bracken	43.0
Laurel	42.0
Boone	41.8
Hancock	40.9
Clay	40.9
Fulton	40.7
Franklin	39.2
Graves	39.1
Breckinridge	39.1
Bath	38.9
Johnson	38.6
Fleming	38.2
Hopkins	38.0
Boyle	37.5
Trimble	37.1

County	Rate
Anderson	37.1
Washington	36.6
Meade	36.5
Woodford	35.8
Pulaski	34.7
Trigg	34.1
Morgan	33.3
Grant	32.5
Calloway	32.2
Gallatin	32.2
Marshall	32.2
Edmonson	31.7
Campbell	30.5
Montgomery	29.9
Mason	28.5
Lyon	27.8
Oldham	27.8
Shelby	27.7
McCracken	27.3
Wayne	26.7
Menifee	26.4
Livingston	26.4
Todd	25.6
Lewis	21.5
Elliott	20.9
Crittenden	19.5
Hickman	13.0
Lee	9.6
Ballard	9.1
Carlisle	3.0

Current Overall Incidence Rate
56.21 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.