

KY COVID-19 Report 17OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	726,449	521,681	204,768
Deaths	9,365	8,300	1,065
New Cases	827	551	276
New Cases 18 and Under	210	114	96
Total New Deaths	22	19	3

Duplicates and records not meeting case criteria removed since last report: 8

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
48,271	6.6%	0-9	0.0%	1
98,378	13.5%	10-19	0.0%	4
125,304	17.2%	20-29	0.3%	27
112,770	15.5%	30-39	1.1%	99
105,442	14.5%	40-49	3.3%	310
96,938	13.3%	50-59	8.5%	793
72,457	10.0%	60-69	19.0%	1,778
42,313	5.8%	70-79	27.2%	2,547
24,338	3.4%	80+	40.6%	3,806
238	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,888	0.3%	American Indian	0.1%	11
5,399	0.9%	Asian	0.5%	43
47,705	7.8%	Black	7.4%	659
379	0.1%	Pacific Islander	0.1%	5
523,200	85.8%	White	89.4%	7,996
31,416	5.2%	Multiracial	2.6%	235

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,065	4.7%	Hispanic	1.5%	134
553,009	95.3%	Non-Hispanic	98.5%	8,571

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.0% of cases and 95.6% of deaths
Ethnicity known for 79.9% of cases and 93.0% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
6,091	80,997	7.52%

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
9,557,666	7,171,528	393,688	1,766,355	882,035	612,091	51,231	218,713

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	30,575	4.21%
Ever ICU	5,974	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,241
ICU	351
On Ventilator	227

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,874	4,371	67.0%
ICU Beds	1,229	230	84.2%
Ventilators	677	1,242	35.3%

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	41	11	8	5.2%	10.9%	8.3%	54.36%	61.39%	18.75%
Region 2	95	27	20	12.3%	37.5%	24.7%	62.40%	83.33%	39.51%
Region 3	339	83	55	9.1%	21.0%	12.2%	68.25%	82.78%	39.87%
Region 4	67	22	18	8.1%	25.0%	12.2%	56.01%	92.05%	27.89%
Region 5	273	80	50	9.5%	23.0%	9.0%	71.85%	90.23%	41.83%
Region 6	108	23	19	8.9%	29.5%	15.8%	85.90%	97.44%	29.17%
Region 7	69	21	12	10.7%	25.6%	8.6%	68.53%	65.85%	15.71%
Region 8	116	29	21	9.6%	23.2%	13.5%	57.64%	89.60%	38.46%
Region 9	83	34	16	12.4%	30.4%	16.2%	57.14%	78.57%	34.34%
Region 10	50	21	8	10.3%	36.2%	10.8%	62.83%	94.83%	31.08%

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	117,869	16.2%
Fayette	51,041	7.0%
Warren	25,336	3.5%
Kenton	23,251	3.2%
Boone	19,866	2.7%
Hardin	17,696	2.4%
Daviess	16,668	2.3%
Madison	15,578	2.1%
Laurel	12,678	1.7%
Campbell	12,165	1.7%
Bullitt	11,822	1.6%
Pike	10,430	1.4%
Pulaski	10,113	1.4%
Christian	10,100	1.4%
Oldham	9,965	1.4%
McCracken	9,919	1.4%
Whitley	8,704	1.2%
Boyd	8,204	1.1%
Scott	8,157	1.1%
Nelson	8,156	1.1%
Jessamine	7,959	1.1%
Hopkins	7,929	1.1%
Henderson	7,875	1.1%
Barren	7,833	1.1%
Graves	7,130	1.0%
Knox	7,111	1.0%
Floyd	6,933	1.0%
Shelby	6,905	1.0%
Franklin	6,826	0.9%
Greenup	6,235	0.9%

County	Cases	Percent
Perry	5,985	0.8%
Bell	5,747	0.8%
Muhlenberg	5,530	0.8%
Harlan	5,287	0.7%
Boyle	5,285	0.7%
Taylor	5,263	0.7%
Clark	5,124	0.7%
Calloway	5,117	0.7%
Clay	5,080	0.7%
Logan	5,008	0.7%
Marshall	4,975	0.7%
Grayson	4,622	0.6%
Carter	4,493	0.6%
Montgomery	4,407	0.6%
Mercer	4,381	0.6%
Ohio	4,295	0.6%
Lincoln	4,239	0.6%
Grant	3,966	0.5%
Marion	3,832	0.5%
Letcher	3,763	0.5%
Allen	3,750	0.5%
Johnson	3,654	0.5%
Russell	3,466	0.5%
Hart	3,465	0.5%
Rowan	3,464	0.5%
Meade	3,428	0.5%
Woodford	3,396	0.5%
Anderson	3,318	0.5%
McCreary	3,295	0.5%
Harrison	3,218	0.4%

County	Cases	Percent
Simpson	3,151	0.4%
Adair	3,145	0.4%
Rockcastle	3,126	0.4%
Bourbon	3,109	0.4%
Wayne	2,877	0.4%
Morgan	2,829	0.4%
Spencer	2,817	0.4%
Garrard	2,754	0.4%
Breckinridge	2,644	0.4%
Casey	2,574	0.4%
Lawrence	2,560	0.4%
Jackson	2,559	0.4%
Henry	2,523	0.3%
Mason	2,499	0.3%
Lewis	2,477	0.3%
Union	2,463	0.3%
Powell	2,460	0.3%
Webster	2,443	0.3%
Knott	2,367	0.3%
Larue	2,362	0.3%
Washington	2,302	0.3%
Butler	2,299	0.3%
Caldwell	2,282	0.3%
Monroe	2,242	0.3%
Green	2,211	0.3%
Estill	2,182	0.3%
Magoffin	2,154	0.3%
Leslie	2,127	0.3%
Fleming	2,093	0.3%
Trigg	2,004	0.3%

County	Cases	Percent
Pendleton	2,001	0.3%
Clinton	1,980	0.3%
Breathitt	1,971	0.3%
Lyon	1,929	0.3%
Metcalfe	1,875	0.3%
Martin	1,855	0.3%
Carroll	1,831	0.3%
Lee	1,713	0.2%
Todd	1,696	0.2%
Bath	1,556	0.2%
Edmonson	1,522	0.2%
McLean	1,450	0.2%
Hancock	1,377	0.2%
Livingston	1,374	0.2%
Owen	1,339	0.2%
Elliott	1,302	0.2%
Gallatin	1,212	0.2%
Wolfe	1,173	0.2%
Trimble	1,169	0.2%
Crittenden	1,168	0.2%
Nicholas	1,139	0.2%
Cumberland	1,108	0.2%
Bracken	1,075	0.1%
Owsley	978	0.1%
Menifee	815	0.1%
Fulton	732	0.1%
Ballard	661	0.1%
Carlisle	619	0.1%
Hickman	547	0.1%
Robertson	331	0.0%

Total Cases
726,449

New Cases by County

County	Cases	Percent
Jefferson	174	21.0%
Fayette	48	5.8%
Boone	44	5.3%
Woodford	39	4.7%
Kenton	38	4.6%
Daviess	24	2.9%
Adair	21	2.5%
Warren	21	2.5%
Floyd	17	2.1%
Franklin	17	2.1%
Clark	16	1.9%
Greenup	16	1.9%
Hardin	14	1.7%
Scott	14	1.7%
Grayson	13	1.6%
Jessamine	12	1.5%
Madison	12	1.5%
Bullitt	10	1.2%
Campbell	10	1.2%
Carter	10	1.2%
Laurel	9	1.1%
Cumberland	8	1.0%
Henry	8	1.0%
McCracken	8	1.0%
Hopkins	7	0.8%
Muhlenberg	7	0.8%
Rowan	7	0.8%
Allen	6	0.7%
Barren	6	0.7%
Estill	6	0.7%

County	Cases	Percent
Garrard	6	0.7%
Hart	6	0.7%
Henderson	6	0.7%
Mercer	6	0.7%
Perry	6	0.7%
Rockcastle	6	0.7%
Shelby	6	0.7%
Casey	5	0.6%
Graves	5	0.6%
Jackson	5	0.6%
Pike	5	0.6%
Pulaski	5	0.6%
Clay	4	0.5%
Nelson	4	0.5%
Oldham	4	0.5%
Pendleton	4	0.5%
Simpson	4	0.5%
Anderson	3	0.4%
Ballard	3	0.4%
Bell	3	0.4%
Bourbon	3	0.4%
Caldwell	3	0.4%
Calloway	3	0.4%
Harlan	3	0.4%
Harrison	3	0.4%
Lewis	3	0.4%
Powell	3	0.4%
Taylor	3	0.4%
Webster	3	0.4%
Whitley	3	0.4%

County	Cases	Percent
Wolfe	3	0.4%
Bath	2	0.2%
Breathitt	2	0.2%
Breckinridge	2	0.2%
Carroll	2	0.2%
Christian	2	0.2%
Clinton	2	0.2%
Fulton	2	0.2%
Gallatin	2	0.2%
Lee	2	0.2%
Logan	2	0.2%
McLean	2	0.2%
Marshall	2	0.2%
Meade	2	0.2%
Metcalfe	2	0.2%
Nicholas	2	0.2%
Ohio	2	0.2%
Union	2	0.2%
Washington	2	0.2%
Wayne	2	0.2%
Butler	1	0.1%
Edmonson	1	0.1%
Grant	1	0.1%
Johnson	1	0.1%
Knox	1	0.1%
Leslie	1	0.1%
Letcher	1	0.1%
Lincoln	1	0.1%
Lyon	1	0.1%
Magoffin	1	0.1%

County	Cases	Percent
Martin	1	0.1%
Monroe	1	0.1%
Montgomery	1	0.1%
Owen	1	0.1%
Owsley	1	0.1%
Russell	1	0.1%
Spencer	1	0.1%
Todd	1	0.1%
Boyd	0	0.0%
Boyle	0	0.0%
Bracken	0	0.0%
Carlisle	0	0.0%
Crittenden	0	0.0%
Elliott	0	0.0%
Fleming	0	0.0%
Green	0	0.0%
Hancock	0	0.0%
Hickman	0	0.0%
Knott	0	0.0%
Larue	0	0.0%
Lawrence	0	0.0%
Livingston	0	0.0%
McCreary	0	0.0%
Marion	0	0.0%
Mason	0	0.0%
Menifee	0	0.0%
Morgan	0	0.0%
Robertson	0	0.0%
Trigg	0	0.0%
Trimble	0	0.0%

Total New Cases
827

Total Deaths by County

County	Deaths	Percent
Jefferson	1,557	16.6%
Fayette	383	4.1%
Hardin	263	2.8%
Daviess	259	2.8%
Kenton	243	2.6%
Warren	241	2.6%
Hopkins	192	2.1%
Boone	181	1.9%
McCracken	169	1.8%
Pulaski	169	1.8%
Pike	159	1.7%
Madison	145	1.5%
Barren	136	1.5%
Christian	125	1.3%
Harlan	124	1.3%
Bullitt	122	1.3%
Graves	121	1.3%
Laurel	112	1.2%
Floyd	111	1.2%
Shelby	104	1.1%
Boyd	98	1.0%
Henderson	98	1.0%
Jessamine	94	1.0%
Campbell	92	1.0%
Bell	91	1.0%
Oldham	91	1.0%
Muhlenberg	87	0.9%
Perry	87	0.9%
Grayson	86	0.9%
Whitley	82	0.9%

County	Deaths	Percent
Nelson	81	0.9%
Lincoln	80	0.9%
Boyle	79	0.8%
Greenup	79	0.8%
Logan	79	0.8%
Ohio	79	0.8%
Taylor	79	0.8%
Marshall	77	0.8%
Franklin	75	0.8%
Mercer	72	0.8%
Adair	70	0.7%
Letcher	65	0.7%
Mason	64	0.7%
Allen	63	0.7%
Hart	62	0.7%
Calloway	60	0.6%
Monroe	59	0.6%
Carter	58	0.6%
Clay	56	0.6%
Lewis	55	0.6%
Russell	55	0.6%
Wayne	55	0.6%
Montgomery	54	0.6%
Knox	52	0.6%
Simpson	50	0.5%
Casey	49	0.5%
Jackson	49	0.5%
McCreary	48	0.5%
Caldwell	47	0.5%
Johnson	46	0.5%

County	Deaths	Percent
Scott	46	0.5%
Garrard	45	0.5%
Larue	45	0.5%
Washington	44	0.5%
Marion	43	0.5%
Livingston	42	0.4%
Anderson	40	0.4%
Metcalfe	40	0.4%
Gallatin	39	0.4%
Lawrence	38	0.4%
McLean	38	0.4%
Clark	37	0.4%
Knott	36	0.4%
Crittenden	35	0.4%
Harrison	35	0.4%
Martin	35	0.4%
Meade	35	0.4%
Fleming	34	0.4%
Webster	34	0.4%
Breckinridge	33	0.4%
Butler	33	0.4%
Spencer	33	0.4%
Bourbon	32	0.3%
Clinton	32	0.3%
Lee	31	0.3%
Union	31	0.3%
Bath	30	0.3%
Grant	30	0.3%
Rockcastle	30	0.3%
Todd	30	0.3%

County	Deaths	Percent
Green	29	0.3%
Edmonson	28	0.3%
Rowan	28	0.3%
Woodford	27	0.3%
Carroll	26	0.3%
Lyon	26	0.3%
Breathitt	24	0.3%
Henry	24	0.3%
Menifee	23	0.2%
Owen	22	0.2%
Powell	21	0.2%
Trigg	21	0.2%
Magoffin	20	0.2%
Ballard	19	0.2%
Hickman	19	0.2%
Leslie	18	0.2%
Hancock	17	0.2%
Nicholas	17	0.2%
Pendleton	17	0.2%
Fulton	16	0.2%
Robertson	16	0.2%
Cumberland	15	0.2%
Owsley	15	0.2%
Trimble	15	0.2%
Estill	12	0.1%
Carlisle	11	0.1%
Wolfe	10	0.1%
Morgan	9	0.1%
Bracken	8	0.1%
Elliott	7	0.1%

Total Deaths
9,365

Incidence Rates by County

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

County	Rate
Owsley	97.1
Cumberland	88.6
Powell	87.8
Jackson	66.5
Grayson	65.4
McLean	62.1
Pendleton	60.7
Russell	59.8
Muhlenberg	58.8
Harrison	58.2
Mercer	56.7
Floyd	55.8
Rockcastle	55.6
Caldwell	54.9
Lawrence	53.2
Monroe	52.3
Garrard	51.8
Ohio	51.2
Greenup	50.9
Whitley	50.4
Perry	49.9
Spencer	48.0
Henry	47.8
Allen	47.6
Bourbon	46.9
Hancock	45.9
Harlan	45.0
Carroll	44.3
Trigg	42.9
Pike	42.7

County	Rate
Lincoln	41.9
Gallatin	41.9
Knox	41.3
Boyd	41.3
Green	40.5
Hart	39.8
Martin	39.6
Wolfe	37.9
Marion	37.8
Carter	37.3
Crittenden	37.3
Rowan	36.8
Daviess	36.7
Lyon	36.5
Estill	36.5
Madison	36.3
Boyle	36.1
Hardin	35.9
Boone	35.6
Metcalfe	35.5
Magoffin	34.1
Bell	34.0
Simpson	33.8
Breckinridge	33.5
Jefferson	33.0
Owen	32.8
Adair	32.7
Taylor	32.7
Grant	32.5
Jessamine	32.5

County	Rate
Bullitt	32.2
Nelson	32.1
Franklin	31.9
Edmonson	31.7
Kenton	31.4
Bracken	31.0
Lee	30.9
Clay	30.9
Breathitt	30.5
Woodford	30.5
Warren	30.4
Butler	29.9
Knott	29.9
Webster	29.8
Letcher	29.2
Leslie	28.9
Barren	28.7
Clinton	28.0
Logan	27.9
Washington	27.2
Carlisle	27.0
Anderson	27.0
Lewis	26.9
Hopkins	26.5
Hickman	26.1
Fayette	25.4
Clark	25.2
Shelby	24.8
Pulaski	24.6
Bath	24.0

County	Rate
Campbell	24.0
Fulton	23.9
Scott	23.8
Trimble	23.6
Marshall	23.4
Laurel	23.0
Oldham	22.2
Calloway	22.0
Johnson	21.9
Larue	21.8
Henderson	21.5
Meade	21.0
Wayne	20.4
Ballard	19.9
McCreary	19.9
Graves	19.2
Union	18.9
Fleming	18.6
McCracken	17.7
Nicholas	17.7
Todd	17.4
Livingston	17.1
Christian	17.0
Montgomery	16.7
Mason	16.7
Robertson	13.6
Casey	13.3
Morgan	10.7
Elliott	9.5
Menifee	2.2

Current Overall Incidence Rate
32.73 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.