

KY COVID-19 Report

16OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	725,630	521,123	204,507
Deaths	9,343	8,281	1,062
New Cases	1,751	999	752
New Cases 18 and Under	532	239	293
Total New Deaths	50	40	10

Duplicates and records not meeting case criteria removed since last report: 10

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
48,183	6.6%	0-9	0.0%	1
98,244	13.5%	10-19	0.0%	4
125,175	17.3%	20-29	0.3%	27
112,664	15.5%	30-39	1.1%	99
105,340	14.5%	40-49	3.3%	307
96,851	13.3%	50-59	8.5%	792
72,355	10.0%	60-69	18.9%	1,770
42,262	5.8%	70-79	27.2%	2,542
24,318	3.4%	80+	40.7%	3,801
238	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,882	0.3%	American Indian	0.1%	11
5,387	0.9%	Asian	0.5%	43
47,593	7.8%	Black	7.4%	658
379	0.1%	Pacific Islander	0.1%	5
522,104	85.8%	White	89.3%	7,975
31,371	5.2%	Multiracial	2.6%	235

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,041	4.7%	Hispanic	1.5%	134
552,418	95.3%	Non-Hispanic	98.5%	8,550

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.9% of cases and 95.5% of deaths
Ethnicity known for 79.9% of cases and 92.9% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
6,715	83,786	8.01%

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
9,538,217	7,159,140	393,436	1,759,824	880,788	611,325	51,124	218,339

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	30,545	4.21%
Ever ICU	5,966	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,255
ICU	375
On Ventilator	244

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,264	4,081	69.4%
ICU Beds	1,293	204	86.4%
Ventilators	694	1,229	36.1%

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	46	18	8	5.8%	23.4%	9.1%	59.19%	87.01%	21.59%
Region 2	97	31	25	12.3%	40.8%	29.1%	68.23%	92.11%	40.70%
Region 3	330	88	55	8.4%	20.3%	12.2%	66.77%	79.95%	39.20%
Region 4	69	22	18	8.3%	25.0%	12.2%	59.25%	95.45%	29.93%
Region 5	270	89	61	10.0%	25.1%	10.9%	80.82%	93.22%	41.14%
Region 6	110	27	20	9.1%	31.4%	16.7%	83.15%	94.19%	43.33%
Region 7	72	21	15	11.2%	25.9%	10.7%	72.36%	66.67%	15.71%
Region 8	124	32	18	9.6%	22.2%	11.7%	60.11%	85.42%	38.31%
Region 9	86	26	16	13.1%	26.3%	15.4%	60.39%	88.89%	33.65%
Region 10	51	21	8	10.5%	36.2%	10.5%	62.22%	84.48%	28.95%

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	117,697	16.2%
Fayette	50,991	7.0%
Warren	25,317	3.5%
Kenton	23,213	3.2%
Boone	19,822	2.7%
Hardin	17,681	2.4%
Daviess	16,644	2.3%
Madison	15,565	2.1%
Laurel	12,670	1.7%
Campbell	12,155	1.7%
Bullitt	11,812	1.6%
Pike	10,425	1.4%
Pulaski	10,108	1.4%
Christian	10,098	1.4%
Oldham	9,961	1.4%
McCracken	9,911	1.4%
Whitley	8,701	1.2%
Boyd	8,204	1.1%
Nelson	8,152	1.1%
Scott	8,145	1.1%
Jessamine	7,947	1.1%
Hopkins	7,922	1.1%
Henderson	7,870	1.1%
Barren	7,827	1.1%
Graves	7,125	1.0%
Knox	7,110	1.0%
Floyd	6,916	1.0%
Shelby	6,899	1.0%
Franklin	6,807	0.9%
Greenup	6,219	0.9%

County	Cases	Percent
Perry	5,979	0.8%
Bell	5,744	0.8%
Muhlenberg	5,523	0.8%
Boyle	5,285	0.7%
Harlan	5,284	0.7%
Taylor	5,260	0.7%
Calloway	5,114	0.7%
Clark	5,111	0.7%
Clay	5,076	0.7%
Logan	5,006	0.7%
Marshall	4,973	0.7%
Grayson	4,611	0.6%
Carter	4,483	0.6%
Montgomery	4,405	0.6%
Mercer	4,375	0.6%
Ohio	4,292	0.6%
Lincoln	4,239	0.6%
Grant	3,965	0.5%
Marion	3,832	0.5%
Letcher	3,762	0.5%
Allen	3,744	0.5%
Johnson	3,653	0.5%
Russell	3,465	0.5%
Hart	3,460	0.5%
Rowan	3,457	0.5%
Meade	3,426	0.5%
Woodford	3,358	0.5%
Anderson	3,315	0.5%
McCreary	3,295	0.5%
Harrison	3,215	0.4%

County	Cases	Percent
Simpson	3,147	0.4%
Adair	3,124	0.4%
Rockcastle	3,120	0.4%
Bourbon	3,106	0.4%
Wayne	2,875	0.4%
Morgan	2,829	0.4%
Spencer	2,816	0.4%
Garrard	2,749	0.4%
Breckinridge	2,641	0.4%
Casey	2,568	0.4%
Lawrence	2,560	0.4%
Jackson	2,554	0.4%
Henry	2,515	0.3%
Mason	2,499	0.3%
Lewis	2,474	0.3%
Union	2,461	0.3%
Powell	2,457	0.3%
Webster	2,440	0.3%
Knott	2,367	0.3%
Larue	2,362	0.3%
Washington	2,300	0.3%
Butler	2,298	0.3%
Caldwell	2,279	0.3%
Monroe	2,241	0.3%
Green	2,211	0.3%
Estill	2,176	0.3%
Magoffin	2,153	0.3%
Leslie	2,126	0.3%
Fleming	2,093	0.3%
Trigg	2,004	0.3%

County	Cases	Percent
Pendleton	1,997	0.3%
Clinton	1,978	0.3%
Breathitt	1,969	0.3%
Lyon	1,928	0.3%
Metcalfe	1,873	0.3%
Martin	1,854	0.3%
Carroll	1,829	0.3%
Lee	1,711	0.2%
Todd	1,695	0.2%
Bath	1,554	0.2%
Edmonson	1,521	0.2%
McLean	1,448	0.2%
Hancock	1,377	0.2%
Livingston	1,374	0.2%
Owen	1,339	0.2%
Elliott	1,302	0.2%
Gallatin	1,210	0.2%
Wolfe	1,170	0.2%
Trimble	1,169	0.2%
Crittenden	1,168	0.2%
Nicholas	1,137	0.2%
Cumberland	1,100	0.2%
Bracken	1,075	0.1%
Owsley	977	0.1%
Menifee	815	0.1%
Fulton	730	0.1%
Ballard	658	0.1%
Carlisle	619	0.1%
Hickman	547	0.1%
Robertson	331	0.0%

Total Cases
725,630

New Cases by County

County	Cases	Percent
Jefferson	324	18.5%
Fayette	104	5.9%
Kenton	80	4.6%
Boone	58	3.3%
Warren	46	2.6%
Daviess	39	2.2%
Hardin	39	2.2%
Muhlenberg	36	2.1%
Pike	33	1.9%
Woodford	32	1.8%
Campbell	31	1.8%
Madison	31	1.8%
Hopkins	26	1.5%
Greenup	24	1.4%
Anderson	23	1.3%
Oldham	23	1.3%
Whitley	23	1.3%
Franklin	22	1.3%
Bullitt	21	1.2%
Scott	19	1.1%
Shelby	19	1.1%
Russell	18	1.0%
Taylor	18	1.0%
Floyd	17	1.0%
Perry	17	1.0%
Boyd	16	0.9%
Knox	16	0.9%
Laurel	16	0.9%
Nelson	16	0.9%
Ohio	16	0.9%

County	Cases	Percent
Grant	15	0.9%
Powell	15	0.9%
Barren	14	0.8%
Jessamine	14	0.8%
Clark	12	0.7%
Graves	12	0.7%
Grayson	12	0.7%
Letcher	12	0.7%
Logan	12	0.7%
McCracken	12	0.7%
Allen	11	0.6%
Boyle	11	0.6%
Lewis	11	0.6%
Breckinridge	10	0.6%
Caldwell	10	0.6%
Crittenden	10	0.6%
Green	10	0.6%
Hart	10	0.6%
Adair	9	0.5%
Garrard	9	0.5%
Harrison	9	0.5%
Mason	9	0.5%
Todd	9	0.5%
Washington	9	0.5%
Carter	8	0.5%
Harlan	8	0.5%
Henderson	8	0.5%
Owsley	8	0.5%
Bell	7	0.4%
Bourbon	7	0.4%

County	Cases	Percent
Clay	7	0.4%
Jackson	7	0.4%
McLean	7	0.4%
Marion	7	0.4%
Mercer	7	0.4%
Pulaski	7	0.4%
Spencer	7	0.4%
Casey	6	0.3%
Cumberland	6	0.3%
Fleming	6	0.3%
Knott	6	0.3%
Lawrence	6	0.3%
Lincoln	6	0.3%
Marshall	6	0.3%
Martin	6	0.3%
Morgan	6	0.3%
Pendleton	6	0.3%
Rockcastle	6	0.3%
Rowan	6	0.3%
Wayne	6	0.3%
Breathitt	5	0.3%
Calloway	5	0.3%
Henry	5	0.3%
Johnson	5	0.3%
Larue	5	0.3%
Metcalfe	5	0.3%
Nicholas	5	0.3%
Trigg	5	0.3%
Clinton	4	0.2%
Estill	4	0.2%

County	Cases	Percent
Hancock	4	0.2%
McCreary	4	0.2%
Montgomery	4	0.2%
Owen	4	0.2%
Simpson	4	0.2%
Wolfe	4	0.2%
Butler	3	0.2%
Christian	3	0.2%
Gallatin	3	0.2%
Leslie	3	0.2%
Livingston	3	0.2%
Lyon	3	0.2%
Meade	3	0.2%
Carroll	2	0.1%
Elliott	2	0.1%
Menifee	2	0.1%
Webster	2	0.1%
Ballard	1	0.1%
Carlisle	1	0.1%
Edmonson	1	0.1%
Fulton	1	0.1%
Lee	1	0.1%
Magoffin	1	0.1%
Trimble	1	0.1%
Bath	0	0.0%
Bracken	0	0.0%
Hickman	0	0.0%
Monroe	0	0.0%
Robertson	0	0.0%
Union	0	0.0%

Total New Cases
1,751

Total Deaths by County

County	Deaths	Percent
Jefferson	1,557	16.7%
Fayette	383	4.1%
Daviess	259	2.8%
Hardin	255	2.7%
Kenton	243	2.6%
Warren	241	2.6%
Hopkins	192	2.1%
Boone	181	1.9%
Pulaski	169	1.8%
McCracken	167	1.8%
Pike	159	1.7%
Madison	145	1.6%
Barren	136	1.5%
Christian	125	1.3%
Harlan	124	1.3%
Bullitt	122	1.3%
Graves	120	1.3%
Laurel	112	1.2%
Floyd	111	1.2%
Shelby	104	1.1%
Boyd	98	1.0%
Henderson	98	1.0%
Jessamine	93	1.0%
Campbell	92	1.0%
Oldham	91	1.0%
Bell	90	1.0%
Muhlenberg	87	0.9%
Perry	87	0.9%
Grayson	86	0.9%
Whitley	82	0.9%

County	Deaths	Percent
Lincoln	80	0.9%
Boyle	79	0.8%
Greenup	79	0.8%
Logan	79	0.8%
Nelson	79	0.8%
Taylor	79	0.8%
Ohio	78	0.8%
Marshall	76	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	57	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	46	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	41	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%
Todd	30	0.3%
Green	29	0.3%

County	Deaths	Percent
Rockcastle	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	14	0.1%
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
9,343

Incidence Rates by County

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

County	Rate
Owsley	100.3
Powell	86.7
Cumberland	73.4
Russell	70.9
Jackson	69.7
Grayson	68.7
McLean	65.2
Muhlenberg	60.2
Pendleton	59.7
Lawrence	58.8
Mercer	58.6
Caldwell	58.3
Harrison	58.2
Floyd	57.8
Rockcastle	55.6
Perry	54.9
Green	53.5
Whitley	53.2
Spencer	53.2
Ohio	53.0
Greenup	51.3
Monroe	51.0
Garrard	50.9
Clinton	50.3
Adair	49.8
Henry	49.6
Hancock	49.1
Carroll	48.4
Pike	48.1
Boyd	48.0

County	Rate
Bourbon	47.6
Allen	46.9
Trigg	46.8
Knox	46.8
Harlan	46.7
Lincoln	46.6
Boyle	46.1
Martin	44.7
Estill	43.5
Rowan	43.2
Marion	42.3
Wolfe	41.9
Madison	41.3
Hardin	40.9
Taylor	39.9
Daviess	39.1
Crittenden	38.9
Gallatin	38.7
Lyon	38.3
Hart	38.3
Magoffin	37.6
Bell	37.3
Carter	36.8
Nelson	36.5
Breckinridge	35.6
Bullitt	35.5
Metcalfe	35.5
Breathitt	35.1
Jefferson	35.0
Grant	34.8

County	Rate
Boone	34.8
Simpson	34.6
Jessamine	34.6
Owen	34.1
Kenton	33.2
Woodford	33.1
Carlisle	33.0
Franklin	32.5
Clay	32.3
Butler	32.2
Knott	31.8
Pulaski	31.7
Anderson	31.4
Letcher	31.2
Logan	31.1
Warren	31.1
Bracken	31.0
Webster	30.9
Washington	30.7
Edmonson	30.6
Leslie	30.4
Clark	30.3
Hickman	29.4
Barren	29.1
Lee	28.9
Lewis	28.0
Fayette	27.4
Trimble	27.0
Hopkins	26.5
Oldham	26.5

County	Rate
Scott	26.3
Larue	25.8
Campbell	25.6
Laurel	25.6
Bath	25.1
Shelby	25.1
Marshall	24.8
Montgomery	23.8
Johnson	23.8
Todd	23.2
McCreary	23.2
Meade	23.0
Calloway	22.7
Henderson	22.1
Union	20.9
Fleming	20.6
Graves	19.9
Nicholas	19.7
Fulton	19.1
Wayne	19.0
Livingston	18.6
McCracken	17.7
Christian	17.6
Mason	16.7
Ballard	16.3
Casey	15.9
Menifee	15.4
Robertson	13.6
Elliott	11.4
Morgan	10.7

Current Overall Incidence Rate
35.20 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.