

KY COVID-19 Report 18OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	727,125	522,175	204,950
Deaths	9,396	8,327	1,069
New Cases	678	467	211
New Cases 18 and Under	154	97	57
Total New Deaths	31	27	4

Duplicates and records not meeting case criteria removed since last report: 2

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
48,335	6.6%	0-9	0.0%	1
98,488	13.5%	10-19	0.0%	4
125,404	17.2%	20-29	0.3%	27
112,879	15.5%	30-39	1.1%	99
105,548	14.5%	40-49	3.3%	313
97,021	13.3%	50-59	8.5%	797
72,521	10.0%	60-69	19.0%	1,787
42,339	5.8%	70-79	27.2%	2,552
24,352	3.3%	80+	40.6%	3,816
238	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,889	0.3%	American Indian	0.1%	11
5,402	0.9%	Asian	0.5%	43
47,771	7.8%	Black	7.4%	660
379	0.1%	Pacific Islander	0.1%	5
523,789	85.8%	White	89.4%	8,023
31,442	5.1%	Multiracial	2.6%	236

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,083	4.7%	Hispanic	1.5%	134
553,698	95.3%	Non-Hispanic	98.5%	8,598

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 92.9% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
6,018	81,771	7.36%

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
9,566,983	7,178,405	393,905	1,768,320	882,966	612,710	51,312	218,944

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	30,617	4.21%
Ever ICU	5,981	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,193
ICU	337
On Ventilator	219

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,627	4,595	65.2%
ICU Beds	1,204	225	84.3%
Ventilators	685	1,286	34.8%

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	15	9	5.4%	21.7%	9.3%	51.12%	84.06%	17.53%
Region 2	86	28	21	11.1%	37.3%	23.9%	56.76%	74.67%	36.36%
Region 3	334	84	47	8.9%	21.2%	10.5%	66.36%	83.38%	38.08%
Region 4	63	22	17	7.6%	25.3%	11.6%	57.52%	94.25%	27.89%
Region 5	257	67	49	9.1%	19.3%	8.7%	72.94%	87.32%	41.49%
Region 6	110	24	20	9.1%	32.9%	12.6%	81.69%	98.63%	33.33%
Region 7	66	21	12	8.9%	20.2%	8.6%	60.11%	53.85%	15.00%
Region 8	119	30	21	10.1%	24.8%	13.7%	57.36%	89.26%	40.52%
Region 9	76	26	16	11.3%	26.3%	16.0%	57.21%	84.85%	33.00%
Region 10	41	20	7	8.4%	35.1%	9.5%	58.02%	94.74%	28.38%

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	117,991	16.2%
Fayette	51,076	7.0%
Warren	25,348	3.5%
Kenton	23,305	3.2%
Boone	19,894	2.7%
Hardin	17,713	2.4%
Daviess	16,681	2.3%
Madison	15,579	2.1%
Laurel	12,660	1.7%
Campbell	12,181	1.7%
Bullitt	11,842	1.6%
Pike	10,450	1.4%
Pulaski	10,115	1.4%
Christian	10,102	1.4%
Oldham	9,973	1.4%
McCracken	9,919	1.4%
Whitley	8,735	1.2%
Boyd	8,207	1.1%
Nelson	8,164	1.1%
Scott	8,160	1.1%
Jessamine	7,959	1.1%
Hopkins	7,932	1.1%
Henderson	7,881	1.1%
Barren	7,839	1.1%
Graves	7,134	1.0%
Knox	7,107	1.0%
Floyd	6,940	1.0%
Shelby	6,912	1.0%
Franklin	6,833	0.9%
Greenup	6,240	0.9%

County	Cases	Percent
Perry	5,993	0.8%
Bell	5,752	0.8%
Muhlenberg	5,537	0.8%
Boyle	5,288	0.7%
Harlan	5,287	0.7%
Taylor	5,266	0.7%
Clark	5,129	0.7%
Calloway	5,117	0.7%
Clay	5,083	0.7%
Logan	5,013	0.7%
Marshall	4,975	0.7%
Grayson	4,632	0.6%
Carter	4,497	0.6%
Montgomery	4,409	0.6%
Mercer	4,383	0.6%
Ohio	4,295	0.6%
Lincoln	4,243	0.6%
Grant	3,974	0.5%
Marion	3,839	0.5%
Letcher	3,769	0.5%
Allen	3,751	0.5%
Johnson	3,655	0.5%
Rowan	3,468	0.5%
Hart	3,467	0.5%
Russell	3,467	0.5%
Meade	3,430	0.5%
Woodford	3,396	0.5%
Anderson	3,323	0.5%
McCreary	3,296	0.5%
Harrison	3,220	0.4%

County	Cases	Percent
Simpson	3,154	0.4%
Adair	3,146	0.4%
Rockcastle	3,129	0.4%
Bourbon	3,111	0.4%
Wayne	2,879	0.4%
Morgan	2,829	0.4%
Spencer	2,818	0.4%
Garrard	2,757	0.4%
Breckinridge	2,645	0.4%
Casey	2,590	0.4%
Lawrence	2,563	0.4%
Jackson	2,559	0.4%
Henry	2,530	0.3%
Mason	2,502	0.3%
Lewis	2,480	0.3%
Powell	2,463	0.3%
Union	2,463	0.3%
Webster	2,444	0.3%
Knott	2,370	0.3%
Larue	2,366	0.3%
Washington	2,302	0.3%
Butler	2,299	0.3%
Caldwell	2,299	0.3%
Monroe	2,242	0.3%
Green	2,215	0.3%
Estill	2,183	0.3%
Magoffin	2,156	0.3%
Leslie	2,129	0.3%
Fleming	2,094	0.3%
Trigg	2,011	0.3%

County	Cases	Percent
Pendleton	2,005	0.3%
Clinton	1,986	0.3%
Breathitt	1,971	0.3%
Lyon	1,936	0.3%
Metcalfe	1,875	0.3%
Martin	1,855	0.3%
Carroll	1,836	0.3%
Lee	1,711	0.2%
Todd	1,696	0.2%
Bath	1,556	0.2%
Edmonson	1,522	0.2%
McLean	1,453	0.2%
Hancock	1,380	0.2%
Livingston	1,380	0.2%
Owen	1,338	0.2%
Elliott	1,303	0.2%
Gallatin	1,214	0.2%
Trimble	1,187	0.2%
Wolfe	1,176	0.2%
Crittenden	1,173	0.2%
Nicholas	1,140	0.2%
Cumberland	1,109	0.2%
Bracken	1,075	0.1%
Owsley	979	0.1%
Menifee	815	0.1%
Fulton	732	0.1%
Ballard	662	0.1%
Carlisle	619	0.1%
Hickman	547	0.1%
Robertson	331	0.0%

Total Cases
727,125

New Cases by County

County	Cases	Percent
Jefferson	122	18.0%
Kenton	54	8.0%
Fayette	33	4.9%
Boone	30	4.4%
Bullitt	22	3.2%
Pike	20	2.9%
Hardin	19	2.8%
Trimble	18	2.7%
Caldwell	17	2.5%
Campbell	16	2.4%
Warren	16	2.4%
Casey	14	2.1%
Daviess	12	1.8%
Perry	11	1.6%
Franklin	8	1.2%
Floyd	7	1.0%
Grant	7	1.0%
Grayson	7	1.0%
Henry	7	1.0%
Lyon	7	1.0%
Marion	7	1.0%
Muhlenberg	7	1.0%
Oldham	7	1.0%
Trigg	7	1.0%
Clinton	6	0.9%
Greenup	6	0.9%
Letcher	6	0.9%
Nelson	6	0.9%
Shelby	6	0.9%
Anderson	5	0.7%

County	Cases	Percent
Bell	5	0.7%
Carroll	5	0.7%
Clark	5	0.7%
Crittenden	5	0.7%
Green	5	0.7%
Henderson	5	0.7%
Laurel	5	0.7%
Lincoln	5	0.7%
Logan	5	0.7%
Breckinridge	4	0.6%
Carter	4	0.6%
Graves	4	0.6%
Livingston	4	0.6%
Rowan	4	0.6%
Scott	4	0.6%
Whitley	4	0.6%
Boyle	3	0.4%
Christian	3	0.4%
Hopkins	3	0.4%
Jessamine	3	0.4%
Larue	3	0.4%
Lawrence	3	0.4%
Lewis	3	0.4%
McLean	3	0.4%
Madison	3	0.4%
Mason	3	0.4%
Powell	3	0.4%
Simpson	3	0.4%
Taylor	3	0.4%
Wolfe	3	0.4%

County	Cases	Percent
Allen	2	0.3%
Barren	2	0.3%
Bourbon	2	0.3%
Boyd	2	0.3%
Clay	2	0.3%
Hancock	2	0.3%
Harrison	2	0.3%
Hart	2	0.3%
Knott	2	0.3%
Magoffin	2	0.3%
Mercer	2	0.3%
Montgomery	2	0.3%
Pendleton	2	0.3%
Pulaski	2	0.3%
Rockcastle	2	0.3%
Wayne	2	0.3%
Adair	1	0.1%
Ballard	1	0.1%
Cumberland	1	0.1%
Elliott	1	0.1%
Estill	1	0.1%
Fleming	1	0.1%
Gallatin	1	0.1%
Johnson	1	0.1%
Knox	1	0.1%
McCracken	1	0.1%
McCreary	1	0.1%
Marshall	1	0.1%
Meade	1	0.1%
Nicholas	1	0.1%

County	Cases	Percent
Ohio	1	0.1%
Owen	1	0.1%
Russell	1	0.1%
Spencer	1	0.1%
Union	1	0.1%
Washington	1	0.1%
Webster	1	0.1%
Bath	0	0.0%
Bracken	0	0.0%
Breathitt	0	0.0%
Butler	0	0.0%
Calloway	0	0.0%
Carlisle	0	0.0%
Edmonson	0	0.0%
Fulton	0	0.0%
Garrard	0	0.0%
Harlan	0	0.0%
Hickman	0	0.0%
Jackson	0	0.0%
Lee	0	0.0%
Leslie	0	0.0%
Martin	0	0.0%
Menifee	0	0.0%
Metcalfe	0	0.0%
Monroe	0	0.0%
Morgan	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%
Todd	0	0.0%
Woodford	0	0.0%

Total New Cases
678

Total Deaths by County

County	Deaths	Percent
Jefferson	1,557	16.6%
Fayette	383	4.1%
Hardin	264	2.8%
Daviess	259	2.8%
Warren	244	2.6%
Kenton	243	2.6%
Hopkins	192	2.0%
Boone	181	1.9%
McCracken	169	1.8%
Pulaski	169	1.8%
Pike	160	1.7%
Madison	145	1.5%
Barren	139	1.5%
Christian	125	1.3%
Harlan	125	1.3%
Graves	123	1.3%
Bullitt	122	1.3%
Laurel	112	1.2%
Floyd	111	1.2%
Shelby	105	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
Logan	81	0.9%
Nelson	81	0.9%
Lincoln	80	0.9%
Boyle	79	0.8%
Greenup	79	0.8%
Ohio	79	0.8%
Taylor	79	0.8%
Marshall	77	0.8%
Franklin	76	0.8%
Mercer	72	0.8%
Adair	70	0.7%
Allen	65	0.7%
Letcher	65	0.7%
Mason	65	0.7%
Hart	63	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	51	0.5%
McCreary	50	0.5%
Casey	49	0.5%
Jackson	49	0.5%
Scott	48	0.5%
Caldwell	47	0.5%

County	Deaths	Percent
Johnson	46	0.5%
Garrard	45	0.5%
Larue	45	0.5%
Washington	44	0.5%
Marion	43	0.5%
Livingston	42	0.4%
Metcalfe	42	0.4%
Anderson	40	0.4%
Gallatin	39	0.4%
Lawrence	38	0.4%
McLean	38	0.4%
Clark	37	0.4%
Harrison	36	0.4%
Knott	36	0.4%
Crittenden	35	0.4%
Martin	35	0.4%
Meade	35	0.4%
Breckinridge	34	0.4%
Butler	34	0.4%
Fleming	34	0.4%
Webster	34	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
Edmonson	29	0.3%
Green	29	0.3%
Rowan	28	0.3%
Woodford	27	0.3%
Carroll	26	0.3%
Lyon	26	0.3%
Henry	25	0.3%
Breathitt	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
9,396

Incidence Rates by County

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

County	Rate
Owsley	100.3
Powell	87.8
Cumberland	82.1
Grayson	66.5
Jackson	65.4
McLean	65.2
Caldwell	59.4
Pendleton	58.7
Muhlenberg	56.0
Harrison	56.0
Russell	55.8
Trimble	54.0
Mercer	53.4
Rockcastle	52.2
Floyd	52.2
Henry	51.4
Lawrence	51.3
Monroe	51.0
Greenup	50.1
Perry	48.8
Whitley	48.5
Ohio	48.2
Allen	46.2
Garrard	46.1
Hancock	45.9
Spencer	45.8
Lyon	45.2
Green	44.4
Carroll	44.3
Pike	43.9

County	Rate
Trigg	43.9
Harlan	43.4
Bourbon	43.3
Lincoln	41.3
Crittenden	40.6
Martin	39.6
Hart	39.0
Wolfe	37.9
Marion	37.8
Gallatin	37.0
Madison	35.3
Rowan	35.0
Boone	35.0
Hardin	34.9
Breckinridge	34.9
Knox	34.9
Boyd	34.6
Daviess	34.5
Carter	34.1
Metcalfe	34.0
Grant	33.6
Clinton	33.6
Bell	33.5
Simpson	33.1
Nelson	33.1
Magoffin	32.9
Bullitt	32.9
Boyle	32.8
Taylor	32.7
Kenton	31.8

County	Rate
Franklin	31.7
Owen	31.5
Jessamine	31.4
Estill	31.4
Adair	31.2
Warren	30.7
Jefferson	30.3
Knott	29.9
Webster	29.8
Edmonson	29.4
Woodford	29.4
Bracken	29.2
Letcher	29.2
Lewis	29.1
Barren	28.4
Breathitt	28.3
Leslie	27.5
Logan	27.4
Washington	27.2
Lee	27.0
Butler	26.6
Clay	26.6
Shelby	26.5
Fayette	25.9
Anderson	25.1
Carlisle	24.0
Scott	23.6
Pulaski	23.1
Campbell	23.1
Marshall	23.0

County	Rate
Bath	22.9
Hickman	22.8
Larue	22.8
Hopkins	22.4
Clark	22.1
Ballard	21.7
Fulton	21.5
Henderson	21.5
Oldham	21.4
Calloway	21.2
Laurel	21.1
Johnson	20.6
McCreary	19.9
Graves	19.6
Wayne	19.0
Meade	18.0
Mason	17.6
McCracken	17.5
Christian	17.4
Livingston	17.1
Union	16.9
Todd	16.3
Nicholas	15.7
Montgomery	15.2
Fleming	14.7
Robertson	13.6
Casey	12.4
Elliott	11.4
Morgan	10.7
Menifee	2.2

Current Overall Incidence Rate
31.67 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.