

KY COVID-19 Report 31OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	744,801	531,932	212,869
Deaths	9,788	8,657	1,131
New Cases	711	486	225
New Cases 18 and Under	208	124	84
Total New Deaths	12	9	3

Duplicates and records not meeting case criteria removed since last report: 4

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
50,441	6.8%	0-9	0.0%	2
101,400	13.6%	10-19	0.0%	4
127,928	17.2%	20-29	0.3%	30
115,461	15.5%	30-39	1.1%	110
107,877	14.5%	40-49	3.5%	346
99,130	13.3%	50-59	8.8%	860
74,217	10.0%	60-69	19.2%	1,884
43,317	5.8%	70-79	27.1%	2,657
24,791	3.3%	80+	39.8%	3,895
239	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,967	0.3%	American Indian	0.1%	11
5,486	0.9%	Asian	0.5%	43
48,810	7.8%	Black	7.3%	681
381	0.1%	Pacific Islander	0.1%	6
537,667	85.8%	White	89.5%	8,369
32,209	5.1%	Multiracial	2.6%	245

Cases	Case Percent	Ethnicity	Death Percent	Deaths
27,571	4.6%	Hispanic	1.5%	139
568,505	95.4%	Non-Hispanic	98.5%	8,957

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.1% of cases and 95.6% of deaths
Ethnicity known for 80.0% of cases and 92.9% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
4,029	80,907	4.98%

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
9,887,637	7,357,374	396,574	1,896,673	905,920	623,866	52,322	229,732

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	31,448	4.22%
Ever ICU	6,156	0.83%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	789
ICU	253
On Ventilator	143

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,490	4,581	65.0%
ICU Beds	1,188	210	85.0%
Ventilators	607	1,325	31.4%

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	23	8	4	3.0%	12.1%	4.4%	51.32%	86.36%	14.29%
Region 2	62	16	10	8.1%	23.5%	11.5%	63.77%	88.24%	32.18%
Region 3	270	89	45	7.2%	22.5%	9.8%	66.73%	84.30%	37.69%
Region 4	24	7	3	2.9%	8.9%	2.3%	54.07%	94.94%	12.98%
Region 5	137	49	28	5.1%	13.6%	4.8%	74.32%	89.47%	40.89%
Region 6	80	19	11	6.0%	22.9%	8.9%	77.48%	100.00%	24.19%
Region 7	45	18	12	7.0%	21.7%	8.9%	63.00%	55.42%	17.78%
Region 8	85	21	14	7.2%	16.7%	9.3%	55.10%	87.30%	26.67%
Region 9	45	18	13	7.0%	20.5%	13.1%	49.22%	63.64%	20.20%
Region 10	18	8	3	3.8%	16.3%	4.1%	53.56%	91.84%	32.43%

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	120,502	16.2%
Fayette	51,898	7.0%
Warren	25,733	3.5%
Kenton	23,838	3.2%
Boone	20,470	2.7%
Hardin	18,105	2.4%
Daviess	17,066	2.3%
Madison	15,871	2.1%
Laurel	12,799	1.7%
Campbell	12,492	1.7%
Bullitt	12,082	1.6%
Pike	10,740	1.4%
Pulaski	10,458	1.4%
Christian	10,251	1.4%
Oldham	10,173	1.4%
McCracken	10,165	1.4%
Whitley	8,958	1.2%
Scott	8,533	1.1%
Boyd	8,432	1.1%
Nelson	8,351	1.1%
Hopkins	8,246	1.1%
Jessamine	8,142	1.1%
Henderson	7,986	1.1%
Barren	7,982	1.1%
Graves	7,205	1.0%
Knox	7,198	1.0%
Floyd	7,147	1.0%
Shelby	7,087	1.0%
Franklin	7,064	0.9%
Greenup	6,420	0.9%

County	Cases	Percent
Perry	6,164	0.8%
Bell	5,824	0.8%
Muhlenberg	5,688	0.8%
Taylor	5,457	0.7%
Harlan	5,418	0.7%
Boyle	5,390	0.7%
Clark	5,296	0.7%
Calloway	5,177	0.7%
Clay	5,115	0.7%
Logan	5,097	0.7%
Marshall	5,038	0.7%
Grayson	4,787	0.6%
Carter	4,580	0.6%
Mercer	4,511	0.6%
Montgomery	4,480	0.6%
Ohio	4,386	0.6%
Lincoln	4,378	0.6%
Grant	4,156	0.6%
Marion	3,930	0.5%
Letcher	3,919	0.5%
Allen	3,819	0.5%
Russell	3,753	0.5%
Johnson	3,725	0.5%
Rowan	3,704	0.5%
Hart	3,553	0.5%
Anderson	3,524	0.5%
Woodford	3,488	0.5%
Meade	3,464	0.5%
McCreary	3,376	0.5%
Adair	3,373	0.5%

County	Cases	Percent
Harrison	3,325	0.4%
Simpson	3,209	0.4%
Rockcastle	3,180	0.4%
Bourbon	3,178	0.4%
Wayne	2,971	0.4%
Morgan	2,891	0.4%
Spencer	2,876	0.4%
Garrard	2,800	0.4%
Breckinridge	2,754	0.4%
Jackson	2,666	0.4%
Lawrence	2,664	0.4%
Casey	2,646	0.4%
Henry	2,617	0.4%
Lewis	2,581	0.3%
Mason	2,580	0.3%
Powell	2,556	0.3%
Union	2,496	0.3%
Webster	2,472	0.3%
Knott	2,417	0.3%
Caldwell	2,410	0.3%
Green	2,370	0.3%
Larue	2,367	0.3%
Butler	2,348	0.3%
Washington	2,334	0.3%
Monroe	2,284	0.3%
Estill	2,250	0.3%
Magoffin	2,196	0.3%
Leslie	2,192	0.3%
Fleming	2,148	0.3%
Trigg	2,146	0.3%

County	Cases	Percent
Clinton	2,102	0.3%
Pendleton	2,046	0.3%
Breathitt	2,023	0.3%
Lyon	1,964	0.3%
Martin	1,922	0.3%
Metcalfe	1,921	0.3%
Carroll	1,903	0.3%
Todd	1,771	0.2%
Lee	1,757	0.2%
Bath	1,597	0.2%
Edmonson	1,553	0.2%
McLean	1,492	0.2%
Livingston	1,425	0.2%
Hancock	1,404	0.2%
Owen	1,384	0.2%
Elliott	1,343	0.2%
Gallatin	1,259	0.2%
Trimble	1,245	0.2%
Crittenden	1,235	0.2%
Nicholas	1,194	0.2%
Wolfe	1,194	0.2%
Cumberland	1,183	0.2%
Bracken	1,124	0.2%
Owsley	1,014	0.1%
Menifee	839	0.1%
Fulton	772	0.1%
Ballard	698	0.1%
Carlisle	638	0.1%
Hickman	565	0.1%
Robertson	337	0.0%

Total Cases
744,801

New Cases by County

County	Cases	Percent
Jefferson	114	16.0%
Boone	38	5.3%
Kenton	37	5.2%
Fayette	32	4.5%
Daviess	22	3.1%
Boyle	18	2.5%
Greenup	18	2.5%
Pulaski	18	2.5%
Campbell	16	2.3%
Trigg	15	2.1%
Caldwell	13	1.8%
Clark	13	1.8%
Franklin	13	1.8%
Hardin	13	1.8%
Leslie	11	1.5%
Estill	10	1.4%
Livingston	10	1.4%
Grant	9	1.3%
Perry	9	1.3%
Barren	8	1.1%
Bullitt	8	1.1%
Crittenden	8	1.1%
Grayson	8	1.1%
Madison	8	1.1%
Morgan	8	1.1%
Nelson	8	1.1%
Rowan	8	1.1%
Taylor	8	1.1%
Warren	8	1.1%
Calloway	7	1.0%

County	Cases	Percent
Carter	7	1.0%
Floyd	7	1.0%
Jessamine	7	1.0%
Letcher	7	1.0%
McCracken	7	1.0%
Marion	7	1.0%
Breckinridge	6	0.8%
Cumberland	6	0.8%
Logan	6	0.8%
Scott	6	0.8%
Fleming	5	0.7%
Harlan	5	0.7%
Hart	5	0.7%
Henderson	4	0.6%
Marshall	4	0.6%
Muhlenberg	4	0.6%
Oldham	4	0.6%
Pike	4	0.6%
Rockcastle	4	0.6%
Shelby	4	0.6%
Bell	3	0.4%
Casey	3	0.4%
Edmonson	3	0.4%
Graves	3	0.4%
Hancock	3	0.4%
Harrison	3	0.4%
Knott	3	0.4%
Lincoln	3	0.4%
Powell	3	0.4%
Spencer	3	0.4%

County	Cases	Percent
Adair	2	0.3%
Bourbon	2	0.3%
Breathitt	2	0.3%
Elliott	2	0.3%
Garrard	2	0.3%
Hopkins	2	0.3%
Jackson	2	0.3%
Knox	2	0.3%
Larue	2	0.3%
Laurel	2	0.3%
Monroe	2	0.3%
Ohio	2	0.3%
Simpson	2	0.3%
Wayne	2	0.3%
Webster	2	0.3%
Allen	1	0.1%
Anderson	1	0.1%
Ballard	1	0.1%
Bath	1	0.1%
Butler	1	0.1%
Clay	1	0.1%
Clinton	1	0.1%
Fulton	1	0.1%
Gallatin	1	0.1%
Henry	1	0.1%
Johnson	1	0.1%
Lawrence	1	0.1%
Lyon	1	0.1%
McCreary	1	0.1%
McLean	1	0.1%

County	Cases	Percent
Magoffin	1	0.1%
Martin	1	0.1%
Mason	1	0.1%
Mercer	1	0.1%
Nicholas	1	0.1%
Owsley	1	0.1%
Pendleton	1	0.1%
Robertson	1	0.1%
Trimble	1	0.1%
Washington	1	0.1%
Woodford	1	0.1%
Boyd	0	0.0%
Bracken	0	0.0%
Carlisle	0	0.0%
Carroll	0	0.0%
Christian	0	0.0%
Green	0	0.0%
Hickman	0	0.0%
Lee	0	0.0%
Lewis	0	0.0%
Meade	0	0.0%
Menifee	0	0.0%
Metcalfe	0	0.0%
Montgomery	0	0.0%
Owen	0	0.0%
Russell	0	0.0%
Todd	0	0.0%
Union	0	0.0%
Whitley	0	0.0%
Wolfe	0	0.0%

Total New Cases
711

Total Deaths by County

County	Deaths	Percent
Jefferson	1,569	16.0%
Fayette	405	4.1%
Hardin	283	2.9%
Daviess	264	2.7%
Kenton	264	2.7%
Warren	254	2.6%
Hopkins	202	2.1%
Boone	195	2.0%
Pike	181	1.8%
McCracken	177	1.8%
Pulaski	174	1.8%
Madison	161	1.6%
Barren	147	1.5%
Harlan	129	1.3%
Christian	128	1.3%
Bullitt	127	1.3%
Laurel	126	1.3%
Graves	125	1.3%
Floyd	111	1.1%
Shelby	105	1.1%
Boyd	104	1.1%
Campbell	101	1.0%
Henderson	99	1.0%
Jessamine	95	1.0%
Bell	94	1.0%
Oldham	93	1.0%
Muhlenberg	92	0.9%
Grayson	90	0.9%
Lincoln	89	0.9%
Nelson	88	0.9%

County	Deaths	Percent
Perry	88	0.9%
Whitley	88	0.9%
Boyle	81	0.8%
Greenup	81	0.8%
Logan	81	0.8%
Ohio	81	0.8%
Taylor	80	0.8%
Franklin	79	0.8%
Marshall	78	0.8%
Mercer	75	0.8%
Adair	73	0.7%
Allen	69	0.7%
Mason	68	0.7%
Letcher	66	0.7%
Hart	63	0.6%
Calloway	60	0.6%
Carter	60	0.6%
Clay	59	0.6%
Monroe	59	0.6%
Lewis	57	0.6%
Wayne	57	0.6%
Russell	56	0.6%
Simpson	56	0.6%
Montgomery	55	0.6%
McCreary	54	0.6%
Casey	53	0.5%
Knox	53	0.5%
Scott	51	0.5%
Jackson	50	0.5%
Caldwell	49	0.5%

County	Deaths	Percent
Garrard	48	0.5%
Johnson	48	0.5%
Larue	48	0.5%
Anderson	47	0.5%
Marion	47	0.5%
Washington	46	0.5%
Livingston	43	0.4%
Metcalfe	43	0.4%
Clark	40	0.4%
Gallatin	40	0.4%
McLean	40	0.4%
Harrison	39	0.4%
Lawrence	39	0.4%
Meade	37	0.4%
Breckinridge	36	0.4%
Butler	36	0.4%
Knott	36	0.4%
Webster	36	0.4%
Bourbon	35	0.4%
Crittenden	35	0.4%
Grant	35	0.4%
Martin	35	0.4%
Fleming	34	0.3%
Spencer	34	0.3%
Clinton	33	0.3%
Union	32	0.3%
Green	31	0.3%
Lee	31	0.3%
Rockcastle	31	0.3%
Todd	31	0.3%

County	Deaths	Percent
Bath	30	0.3%
Breathitt	29	0.3%
Edmonson	29	0.3%
Henry	29	0.3%
Woodford	29	0.3%
Rowan	28	0.3%
Carroll	27	0.3%
Lyon	26	0.3%
Owen	25	0.3%
Menifee	23	0.2%
Powell	22	0.2%
Trigg	22	0.2%
Ballard	20	0.2%
Magoffin	20	0.2%
Hickman	19	0.2%
Pendleton	19	0.2%
Leslie	18	0.2%
Cumberland	17	0.2%
Hancock	17	0.2%
Nicholas	17	0.2%
Trimble	17	0.2%
Fulton	16	0.2%
Robertson	16	0.2%
Owsley	15	0.2%
Estill	12	0.1%
Carlisle	11	0.1%
Wolfe	11	0.1%
Bracken	10	0.1%
Morgan	9	0.1%
Elliott	7	0.1%

Total Deaths
9,788

Incidence Rates by County

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

County	Rate
Russell	119.6
Green	112.3
Adair	92.3
Clinton	89.5
Powell	56.6
Jackson	54.7
Lee	48.2
Lewis	46.3
Trimble	43.8
Rowan	42.1
Lawrence	40.1
Greenup	39.1
Cumberland	38.9
Taylor	37.1
Letcher	35.8
McLean	35.7
Owsley	35.6
Gallatin	35.4
Anderson	35.2
Trigg	33.2
Whitley	32.7
Grant	31.3
Martin	30.6
Floyd	29.7
Clark	29.5
Estill	29.4
Henry	29.2
Ohio	29.2
Grayson	28.7
Monroe	28.2

County	Rate
Caldwell	28.0
Breckinridge	27.9
Boyle	27.6
Nelson	27.2
Daviess	27.0
Metcalfe	27.0
Franklin	26.6
Elliott	26.6
Harlan	26.4
Pike	26.2
Hardin	26.1
Muhlenberg	26.1
Leslie	26.0
Carroll	25.5
Carter	25.1
Simpson	24.6
Marion	24.5
Spencer	24.4
Boyd	23.5
Mercer	23.4
Butler	23.3
Hancock	22.9
Harrison	22.7
Barren	22.6
Hopkins	22.1
Jefferson	22.0
Madison	21.7
Kenton	21.5
Jessamine	21.4
Crittenden	21.1

County	Rate
Perry	21.1
Boone	21.1
Carlisle	21.0
Lyon	20.9
Johnson	20.6
Logan	20.6
Robertson	20.3
Hart	19.5
Bullitt	19.2
Fulton	19.1
Pendleton	18.6
Garrard	18.6
Warren	18.5
Breathitt	18.1
Bourbon	18.0
Lincoln	18.0
Wolfe	18.0
Henderson	17.7
Fayette	17.7
Magoffin	17.6
Campbell	17.6
Shelby	17.5
Rockcastle	17.1
Owen	17.0
Knox	16.5
Bell	16.5
Edmonson	16.5
Ballard	16.3
Casey	15.9
Mason	15.9

County	Rate
Knott	15.4
Graves	15.0
Allen	14.7
Fleming	14.7
Webster	14.3
Scott	14.3
Washington	14.2
Laurel	14.1
McCreary	14.1
Woodford	13.9
Larue	13.9
Oldham	12.8
McCracken	12.7
Wayne	12.6
Christian	12.2
Pulaski	12.1
Nicholas	11.8
Marshall	11.5
Bath	11.4
Meade	10.5
Calloway	9.9
Clay	8.6
Bracken	6.9
Menifee	6.6
Union	6.0
Todd	5.8
Montgomery	5.6
Morgan	5.4
Hickman	3.3
Livingston	3.1

Current Overall Incidence Rate
22.30 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.