

KY COVID-19 Report

07JAN21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	291,430	233,472	57,958
Deaths	2,843	2,643	200
New Cases	4,911	3,763	1,148
New Cases 18 and Under	651	465	186
New Deaths	37	34	3

22 duplicates and records not meeting case criteria removed since last report

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
11,416	3.9%	0-9	0.0%	1
29,352	10.1%	10-19	0.0%	1
53,527	18.4%	20-29	0.0%	1
44,534	15.3%	30-39	0.7%	20
43,496	14.9%	40-49	1.7%	48
42,065	14.4%	50-59	5.8%	164
32,790	11.3%	60-69	16.6%	473
20,210	6.9%	70-79	25.8%	733
13,888	4.8%	80+	49.3%	1,402
152	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
572	0.2%	American Indian	0.1%	2
2,739	1.2%	Asian	0.7%	17
20,016	8.7%	Black	9.3%	243
243	0.1%	Pacific Islander	0.0%	1
196,437	85.0%	White	87.3%	2,276
11,190	4.8%	Multiracial	2.6%	68

Cases	Case Percent	Ethnicity	Death Percent	Deaths
13,402	6.2%	Hispanic	2.0%	51
201,912	93.8%	Non-Hispanic	98.0%	2,450

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 79.3% of cases and 91.7% of deaths
 Ethnicity known for 73.9% of cases and 88.0% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	37,608	12.9%
Deaths	2,016	70.9%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
12,200	102,283	11.93%

Positivity rate is calculated using electronically submitted PCRs from the past seven days.
 Over the Christmas and New Year's holidays, Kentucky has experienced a significant decrease in test reporting from major laboratories. We expect to see increased fluctuations in the 7-day positivity rate for the week following New Year's holiday due to changes with testing and reporting.

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
3,565,044	3,268,056	103,031	193,957	221,572	194,320	7,187	20,065

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	14,251	4.89%
Ever ICU	3,174	1.09%
Recovered	38,173	13.10%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,744
ICU	424
On Ventilator	217

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,014	4,250	68.0%
ICU Beds	1,212	591	67.2%
Ventilators	615	1,179	34.3%

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	85	30	17	10.7%	29.4%	17.2%	63.01%	59.80%	24.24%
Region 2	117	33	17	14.2%	27.0%	20.7%	51.82%	44.26%	43.90%
Region 3	500	102	62	13.1%	19.6%	14.2%	67.31%	66.22%	33.64%
Region 4	112	33	15	13.1%	30.6%	13.3%	58.10%	79.63%	27.43%
Region 5	303	83	41	11.0%	20.0%	7.8%	73.76%	70.67%	39.01%
Region 6	158	40	15	12.6%	22.9%	13.3%	80.29%	51.43%	55.75%
Region 7	118	12	6	18.8%	18.8%	5.0%	73.05%	60.94%	11.57%
Region 8	179	40	20	15.0%	29.4%	13.7%	63.66%	91.91%	37.67%
Region 9	121	33	19	18.2%	28.9%	19.0%	73.27%	65.79%	25.00%
Region 10	51	18	5	10.8%	40.0%	8.3%	57.38%	95.56%	26.67%

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	54,854	18.8%
Fayette	24,924	8.6%
Warren	11,028	3.8%
Kenton	9,730	3.3%
Boone	8,368	2.9%
Hardin	6,544	2.2%
Daviess	6,470	2.2%
Madison	6,124	2.1%
Campbell	4,995	1.7%
Christian	4,753	1.6%
Bullitt	4,545	1.6%
McCracken	4,527	1.6%
Oldham	4,355	1.5%
Laurel	4,036	1.4%
Pulaski	3,991	1.4%
Boyd	3,457	1.2%
Pike	3,331	1.1%
Shelby	3,228	1.1%
Henderson	3,181	1.1%
Nelson	3,168	1.1%
Whitley	3,040	1.0%
Graves	2,949	1.0%
Hopkins	2,949	1.0%
Jessamine	2,820	1.0%
Scott	2,697	0.9%
Barren	2,693	0.9%
Boyle	2,568	0.9%
Greenup	2,565	0.9%
Calloway	2,550	0.9%
Franklin	2,292	0.8%

County	Cases	Percent
Muhlenberg	2,157	0.7%
Floyd	2,061	0.7%
Knox	1,998	0.7%
Bell	1,977	0.7%
Taylor	1,845	0.6%
Logan	1,838	0.6%
Harlan	1,780	0.6%
Clay	1,779	0.6%
Marshall	1,765	0.6%
Perry	1,679	0.6%
Ohio	1,655	0.6%
Marion	1,624	0.6%
Clark	1,607	0.6%
Mercer	1,578	0.5%
Lincoln	1,572	0.5%
Montgomery	1,525	0.5%
Carter	1,499	0.5%
Wayne	1,485	0.5%
Woodford	1,403	0.5%
Grayson	1,394	0.5%
Rowan	1,362	0.5%
Grant	1,336	0.5%
Hart	1,288	0.4%
Simpson	1,288	0.4%
Allen	1,268	0.4%
Johnson	1,262	0.4%
Adair	1,259	0.4%
Meade	1,249	0.4%
McCreary	1,194	0.4%
Letcher	1,181	0.4%

County	Cases	Percent
Russell	1,150	0.4%
Anderson	1,126	0.4%
Bourbon	1,081	0.4%
Lee	1,073	0.4%
Spencer	1,072	0.4%
Garrard	1,035	0.4%
Monroe	1,022	0.4%
Union	996	0.3%
Mason	991	0.3%
Rockcastle	964	0.3%
Jackson	940	0.3%
Washington	931	0.3%
Clinton	926	0.3%
Caldwell	922	0.3%
Harrison	910	0.3%
Lawrence	906	0.3%
Henry	889	0.3%
Larue	881	0.3%
Butler	875	0.3%
Lewis	874	0.3%
Casey	859	0.3%
Elliott	844	0.3%
Webster	833	0.3%
Fleming	805	0.3%
Green	798	0.3%
Knott	785	0.3%
Todd	783	0.3%
Morgan	769	0.3%
Breckinridge	752	0.3%
Powell	731	0.3%

County	Cases	Percent
Magoffin	730	0.3%
Estill	724	0.2%
Trigg	722	0.2%
Martin	719	0.2%
Breathitt	692	0.2%
Pendleton	651	0.2%
Metcalfe	639	0.2%
McLean	608	0.2%
Carroll	593	0.2%
Edmonson	586	0.2%
Hancock	540	0.2%
Leslie	538	0.2%
Bath	537	0.2%
Livingston	521	0.2%
Cumberland	463	0.2%
Gallatin	458	0.2%
Owen	445	0.2%
Crittenden	421	0.1%
Trimble	413	0.1%
Fulton	386	0.1%
Carlisle	353	0.1%
Lyon	346	0.1%
Owsley	335	0.1%
Nicholas	329	0.1%
Wolfe	329	0.1%
Bracken	307	0.1%
Ballard	253	0.1%
Menifee	246	0.1%
Hickman	229	0.1%
Robertson	153	0.1%

Total Cases
291,430

New Cases by County

County	Cases	Percent
Jefferson	683	13.9%
Fayette	266	5.4%
Warren	240	4.9%
Kenton	194	4.0%
Morgan	194	4.0%
Boone	163	3.3%
Hardin	121	2.5%
Oldham	112	2.3%
Campbell	107	2.2%
Bullitt	90	1.8%
Madison	87	1.8%
Daviess	85	1.7%
Nelson	76	1.5%
Calloway	72	1.5%
Christian	72	1.5%
Scott	71	1.4%
Laurel	69	1.4%
McCracken	68	1.4%
Pike	61	1.2%
Graves	60	1.2%
Hopkins	59	1.2%
Boyd	56	1.1%
Mercer	53	1.1%
Wayne	52	1.1%
Boyle	51	1.0%
Whitley	51	1.0%
Marshall	50	1.0%
Rowan	49	1.0%
Barren	48	1.0%
Harlan	46	0.9%

County	Cases	Percent
Greenup	45	0.9%
Clark	44	0.9%
Franklin	43	0.9%
Jessamine	43	0.9%
Knox	43	0.9%
Floyd	42	0.9%
Muhlenberg	39	0.8%
Johnson	37	0.8%
Montgomery	36	0.7%
Pulaski	35	0.7%
Bourbon	34	0.7%
Lewis	33	0.7%
Bell	31	0.6%
Henderson	29	0.6%
Butler	28	0.6%
Letcher	28	0.6%
Shelby	28	0.6%
Breckinridge	27	0.5%
Meade	27	0.5%
Harrison	26	0.5%
Clay	25	0.5%
Logan	25	0.5%
Lincoln	24	0.5%
Spencer	24	0.5%
Woodford	24	0.5%
Cumberland	23	0.5%
Hart	23	0.5%
Simpson	23	0.5%
Allen	21	0.4%
Ohio	21	0.4%

County	Cases	Percent
Taylor	21	0.4%
Anderson	20	0.4%
Clinton	19	0.4%
Grayson	19	0.4%
Jackson	18	0.4%
Webster	18	0.4%
Todd	17	0.3%
Grant	16	0.3%
Marion	16	0.3%
Rockcastle	16	0.3%
Estill	15	0.3%
Larue	15	0.3%
Carroll	14	0.3%
McLean	14	0.3%
Martin	14	0.3%
Mason	14	0.3%
Lawrence	13	0.3%
Leslie	13	0.3%
McCreary	13	0.3%
Carter	12	0.2%
Hancock	12	0.2%
Nicholas	12	0.2%
Trigg	12	0.2%
Garrard	11	0.2%
Adair	10	0.2%
Edmonson	10	0.2%
Perry	10	0.2%
Washington	10	0.2%
Bath	9	0.2%
Breathitt	9	0.2%

County	Cases	Percent
Fleming	9	0.2%
Monroe	9	0.2%
Pendleton	9	0.2%
Casey	8	0.2%
Magoffin	8	0.2%
Metcalfe	8	0.2%
Russell	8	0.2%
Powell	7	0.1%
Bracken	6	0.1%
Gallatin	6	0.1%
Henry	6	0.1%
Knott	6	0.1%
Livingston	6	0.1%
Wolfe	6	0.1%
Owen	5	0.1%
Trimble	5	0.1%
Ballard	4	0.1%
Fulton	4	0.1%
Robertson	4	0.1%
Union	4	0.1%
Caldwell	3	0.1%
Carlisle	3	0.1%
Lee	3	0.1%
Lyon	3	0.1%
Menifee	3	0.1%
Owsley	3	0.1%
Elliott	2	0.0%
Hickman	2	0.0%
Crittenden	1	0.0%
Green	1	0.0%

Total New Cases
4,911

Total Deaths by County

County	Deaths	Percent
Jefferson	555	19.5%
Fayette	153	5.4%
Hopkins	90	3.2%
Warren	84	3.0%
Kenton	78	2.7%
Daviess	76	2.7%
Christian	55	1.9%
Graves	51	1.8%
Pulaski	48	1.7%
Jessamine	47	1.7%
Oldham	47	1.7%
Henderson	46	1.6%
McCracken	46	1.6%
Boone	45	1.6%
Hardin	44	1.5%
Logan	40	1.4%
Adair	39	1.4%
Pike	39	1.4%
Madison	38	1.3%
Barren	35	1.2%
Campbell	34	1.2%
Grayson	33	1.2%
Boyd	31	1.1%
Bullitt	31	1.1%
Muhlenberg	29	1.0%
Russell	29	1.0%
Shelby	29	1.0%
Bell	28	1.0%
Monroe	28	1.0%
Calloway	27	0.9%

County	Deaths	Percent
Ohio	27	0.9%
Lewis	26	0.9%
Lincoln	26	0.9%
Casey	25	0.9%
Harlan	25	0.9%
Scott	23	0.8%
Marshall	22	0.8%
Franklin	21	0.7%
Jackson	21	0.7%
McLean	20	0.7%
Marion	20	0.7%
Greenup	19	0.7%
Mason	19	0.7%
Nelson	19	0.7%
Taylor	19	0.7%
Lee	18	0.6%
Allen	17	0.6%
Clinton	17	0.6%
Laurel	17	0.6%
Perry	17	0.6%
Butler	16	0.6%
Caldwell	16	0.6%
Floyd	16	0.6%
Johnson	16	0.6%
Todd	16	0.6%
Clark	15	0.5%
Knott	14	0.5%
Edmonson	13	0.5%
Livingston	12	0.4%
Montgomery	12	0.4%

County	Deaths	Percent
Simpson	12	0.4%
Washington	12	0.4%
Webster	12	0.4%
Gallatin	11	0.4%
Green	11	0.4%
Hancock	11	0.4%
Carter	10	0.4%
Grant	10	0.4%
Knox	10	0.4%
Martin	10	0.4%
Owsley	10	0.4%
Wayne	10	0.4%
Whitley	10	0.4%
Clay	9	0.3%
Hart	9	0.3%
Rockcastle	9	0.3%
Union	9	0.3%
Bath	8	0.3%
Carroll	7	0.2%
Hickman	7	0.2%
Lyon	7	0.2%
Mercer	7	0.2%
Metcalfe	7	0.2%
Owen	6	0.2%
Boyle	5	0.2%
Breckinridge	5	0.2%
Cumberland	5	0.2%
Lawrence	5	0.2%
Robertson	5	0.2%
Spencer	5	0.2%

County	Deaths	Percent
Fulton	4	0.1%
Garrard	4	0.1%
Henry	4	0.1%
Larue	4	0.1%
Meade	4	0.1%
Wolfe	4	0.1%
Anderson	3	0.1%
Ballard	3	0.1%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Fleming	3	0.1%
Letcher	3	0.1%
McCreary	3	0.1%
Nicholas	3	0.1%
Rowan	3	0.1%
Trigg	3	0.1%
Menifee	2	0.1%
Trimble	2	0.1%
Woodford	2	0.1%
Bourbon	1	0.0%
Carlisle	1	0.0%
Elliott	1	0.0%
Harrison	1	0.0%
Leslie	1	0.0%
Magoffin	1	0.0%
Pendleton	1	0.0%
Estill	0	0.0%
Morgan	0	0.0%
Powell	0	0.0%

Total Deaths
2,843

Incidence Rates by County

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

County	Rate
Morgan	254.4
Boyle	128.3
Hancock	124.5
Lawrence	120.3
Cumberland	118.8
Mercer	115.3
Harrison	114.2
Harlan	112.0
Nicholas	112.0
Boyd	105.2
Clinton	103.5
Greenup	102.2
Oldham	101.6
Wayne	99.8
Ohio	98.2
Graves	94.3
Muhlenberg	92.4
Bourbon	90.2
Whitley	90.2
Clay	88.3
Floyd	87.9
Bell	87.3
Webster	86.1
Knox	85.8
Warren	85.0
Todd	84.8
Jackson	84.7
Daviess	84.0
McLean	83.8
Butler	83.2

County	Rate
Christian	82.9
Leslie	82.4
Pike	80.7
Nelson	80.6
Laurel	80.3
Marshall	79.9
Hopkins	79.6
Breathitt	79.2
Martin	79.1
Letcher	78.9
Johnson	78.5
Rockcastle	77.9
Monroe	75.1
Anderson	74.7
Boone	71.8
Henderson	69.2
Carroll	68.5
Simpson	68.5
Owsley	68.0
Kenton	67.8
Calloway	67.0
Crittenden	66.5
Allen	66.4
Marion	66.0
Bullitt	64.9
McCreary	64.7
Breckinridge	63.5
Jefferson	62.8
Fayette	62.8
Washington	62.6

County	Rate
Fleming	61.7
Robertson	61.0
Garrard	60.6
Campbell	60.6
Logan	60.1
Rowan	59.0
Clark	58.7
Taylor	58.2
Lincoln	58.2
Hardin	58.1
Henry	57.6
Trimble	57.3
Pulaski	56.9
Shelby	55.1
Madison	54.4
Lee	54.0
Carlisle	54.0
Woodford	54.0
Wolfe	53.9
Perry	53.8
Spencer	52.4
Green	52.2
Scott	51.6
Meade	51.5
Edmonson	50.6
Grayson	49.7
Larue	49.6
Jessamine	48.8
Carter	48.5
Elliott	47.5

County	Rate
Montgomery	47.2
McCracken	47.2
Fulton	45.5
Grant	42.7
Barren	42.6
Lewis	42.0
Bracken	41.3
Hart	40.5
Knott	40.5
Powell	40.5
Franklin	39.8
Estill	39.5
Gallatin	38.7
Mason	37.7
Russell	36.7
Union	35.8
Pendleton	35.2
Metcalfe	34.0
Menifee	33.0
Adair	29.8
Magoffin	29.4
Trigg	28.3
Livingston	28.0
Bath	27.4
Casey	27.4
Ballard	25.4
Caldwell	23.5
Lyon	22.6
Owen	18.3
Hickman	16.3

Current Overall Incidence Rate
67.63 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.