

# KY COVID-19 Report

## 05JAN21

### Daily Summary

Measure	Total	Confirmed	Probable
Cases	280,836	225,611	55,225
Deaths	2,772	2,578	194
New Cases	1,781	1,345	436
New Cases 18 and Under	202	146	56
New Deaths	23	19	4

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

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
10,939	3.9%	0-9	0.0%	1
28,343	10.1%	10-19	0.0%	1
51,651	18.4%	20-29	0.0%	1
42,820	15.2%	30-39	0.7%	19
41,847	14.9%	40-49	1.7%	46
40,452	14.4%	50-59	5.8%	162
31,582	11.2%	60-69	16.5%	458
19,558	7.0%	70-79	25.8%	716
13,488	4.8%	80+	49.4%	1,368
156	0.1%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
551	0.3%	American Indian	0.1%	2
2,635	1.3%	Asian	0.7%	17
19,379	9.3%	Black	9.4%	239
176	0.1%	Pacific Islander	0.0%	1
174,222	83.9%	White	87.2%	2,215
10,646	5.1%	Multiracial	2.6%	67

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,897	4.9%	Hispanic	2.1%	51
191,372	95.1%	Non-Hispanic	97.9%	2,386

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
 Race known for 73.9% of cases and 91.7% of deaths  
 Ethnicity known for 71.7% of cases and 87.9% of deaths

### Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	37,109	13.2%
Deaths	1,992	71.9%

### Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
11,942	105,168	11.36%

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
3,519,209	3,234,501	102,678	182,030	216,572	190,465	7,102	19,005

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	13,850	4.93%
Ever ICU	3,098	1.10%
Recovered	37,502	13.35%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,760
ICU	430
On Ventilator	215

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,510	4,750	64.2%
ICU Beds	1,160	643	64.3%
Ventilators	602	1,158	34.2%

## 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	93	27	13	11.7%	26.5%	13.1%	57.58%	54.90%	22.22%
Region 2	116	30	19	14.1%	24.6%	25.3%	49.76%	37.70%	40.00%
Region 3	492	111	61	12.9%	21.3%	14.2%	62.88%	62.57%	32.87%
Region 4	112	39	19	13.1%	36.1%	17.3%	52.58%	83.33%	29.09%
Region 5	309	69	35	11.2%	16.6%	6.7%	72.85%	66.59%	40.66%
Region 6	169	41	15	13.4%	23.4%	13.3%	72.97%	49.71%	54.87%
Region 7	122	17	6	19.5%	26.6%	5.0%	67.94%	67.19%	10.74%
Region 8	169	42	22	14.1%	30.9%	16.3%	58.31%	90.44%	38.52%
Region 9	123	34	18	18.5%	29.8%	18.2%	71.92%	62.28%	24.24%
Region 10	55	20	7	11.6%	44.4%	11.7%	56.75%	91.11%	25.00%

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	53,364	19.0%
Fayette	24,285	8.6%
Warren	10,553	3.8%
Kenton	9,330	3.3%
Boone	8,008	2.9%
Hardin	6,249	2.2%
Daviess	6,171	2.2%
Madison	5,927	2.1%
Campbell	4,792	1.7%
Christian	4,509	1.6%
McCracken	4,417	1.6%
Bullitt	4,376	1.6%
Oldham	4,139	1.5%
Pulaski	3,928	1.4%
Laurel	3,835	1.4%
Boyd	3,305	1.2%
Pike	3,189	1.1%
Shelby	3,151	1.1%
Henderson	3,096	1.1%
Nelson	3,015	1.1%
Whitley	2,916	1.0%
Graves	2,845	1.0%
Hopkins	2,785	1.0%
Jessamine	2,741	1.0%
Barren	2,608	0.9%
Scott	2,587	0.9%
Greenup	2,474	0.9%
Calloway	2,465	0.9%
Boyle	2,448	0.9%
Franklin	2,226	0.8%

County	Cases	Percent
Muhlenberg	2,074	0.7%
Floyd	1,966	0.7%
Bell	1,916	0.7%
Knox	1,900	0.7%
Logan	1,810	0.6%
Taylor	1,805	0.6%
Clay	1,723	0.6%
Harlan	1,692	0.6%
Marshall	1,664	0.6%
Perry	1,641	0.6%
Ohio	1,570	0.6%
Marion	1,561	0.6%
Lincoln	1,513	0.5%
Clark	1,505	0.5%
Mercer	1,482	0.5%
Montgomery	1,472	0.5%
Carter	1,457	0.5%
Wayne	1,420	0.5%
Grayson	1,351	0.5%
Woodford	1,342	0.5%
Grant	1,296	0.5%
Rowan	1,284	0.5%
Simpson	1,249	0.4%
Hart	1,248	0.4%
Adair	1,231	0.4%
Allen	1,221	0.4%
Johnson	1,192	0.4%
Meade	1,192	0.4%
Letcher	1,148	0.4%
McCreary	1,140	0.4%

County	Cases	Percent
Russell	1,128	0.4%
Anderson	1,062	0.4%
Lee	1,055	0.4%
Spencer	1,025	0.4%
Bourbon	998	0.4%
Garrard	992	0.4%
Monroe	991	0.4%
Union	986	0.4%
Mason	972	0.3%
Rockcastle	920	0.3%
Caldwell	915	0.3%
Clinton	901	0.3%
Washington	899	0.3%
Jackson	896	0.3%
Lawrence	876	0.3%
Henry	854	0.3%
Harrison	849	0.3%
Larue	848	0.3%
Casey	845	0.3%
Butler	835	0.3%
Elliott	832	0.3%
Lewis	811	0.3%
Webster	793	0.3%
Green	783	0.3%
Fleming	778	0.3%
Knott	770	0.3%
Todd	725	0.3%
Powell	722	0.3%
Magoffin	714	0.3%
Trigg	709	0.3%

County	Cases	Percent
Estill	700	0.2%
Breckinridge	685	0.2%
Martin	683	0.2%
Breathitt	657	0.2%
Pendleton	628	0.2%
Metcalfe	627	0.2%
McLean	579	0.2%
Morgan	565	0.2%
Carroll	562	0.2%
Edmonson	562	0.2%
Bath	515	0.2%
Leslie	513	0.2%
Livingston	511	0.2%
Hancock	501	0.2%
Gallatin	442	0.2%
Cumberland	436	0.2%
Owen	436	0.2%
Crittenden	409	0.1%
Trimble	391	0.1%
Fulton	376	0.1%
Carlisle	344	0.1%
Lyon	341	0.1%
Owsley	321	0.1%
Wolfe	315	0.1%
Nicholas	304	0.1%
Bracken	293	0.1%
Ballard	247	0.1%
Menifee	238	0.1%
Hickman	226	0.1%
Robertson	145	0.1%

Total Cases  
280,836

## New Cases by County

County	Cases	Percent
Jefferson	314	17.6%
Fayette	143	8.0%
Warren	72	4.0%
Kenton	65	3.6%
Daviess	53	3.0%
Boone	49	2.8%
Laurel	44	2.5%
Bullitt	41	2.3%
Boyle	31	1.7%
Hardin	31	1.7%
Lawrence	30	1.7%
Calloway	27	1.5%
Hopkins	27	1.5%
Madison	27	1.5%
Nelson	26	1.5%
Campbell	25	1.4%
Jessamine	24	1.3%
Pike	24	1.3%
Allen	23	1.3%
Muhlenberg	23	1.3%
Floyd	22	1.2%
Bell	21	1.2%
Lincoln	20	1.1%
Greenup	19	1.1%
Wayne	19	1.1%
Anderson	18	1.0%
Jackson	18	1.0%
Knox	18	1.0%
Clay	17	1.0%
Graves	16	0.9%

County	Cases	Percent
Clinton	15	0.8%
Grayson	15	0.8%
Whitley	14	0.8%
Logan	13	0.7%
Marion	13	0.7%
Mercer	13	0.7%
Monroe	13	0.7%
Ohio	13	0.7%
Scott	13	0.7%
Marshall	12	0.7%
Pulaski	12	0.7%
Shelby	12	0.7%
Clark	11	0.6%
Henderson	11	0.6%
Mason	11	0.6%
Taylor	10	0.6%
Boyd	9	0.5%
Hancock	9	0.5%
Johnson	9	0.5%
Oldham	9	0.5%
Perry	9	0.5%
Woodford	9	0.5%
Edmonson	8	0.4%
Fleming	8	0.4%
Letcher	8	0.4%
Martin	8	0.4%
Franklin	7	0.4%
Rockcastle	7	0.4%
Simpson	7	0.4%
Washington	7	0.4%

County	Cases	Percent
Butler	6	0.3%
Carroll	6	0.3%
Christian	6	0.3%
Grant	6	0.3%
Harrison	6	0.3%
Leslie	6	0.3%
McCracken	6	0.3%
McCreary	6	0.3%
Russell	6	0.3%
Spencer	6	0.3%
Barren	5	0.3%
Casey	5	0.3%
Crittenden	5	0.3%
Hart	5	0.3%
Henry	5	0.3%
Lewis	5	0.3%
McLean	5	0.3%
Metcalfe	5	0.3%
Montgomery	5	0.3%
Nicholas	5	0.3%
Pendleton	5	0.3%
Adair	4	0.2%
Bourbon	4	0.2%
Caldwell	4	0.2%
Meade	4	0.2%
Bracken	3	0.2%
Cumberland	3	0.2%
Estill	3	0.2%
Fulton	3	0.2%
Lee	3	0.2%

County	Cases	Percent
Rowan	3	0.2%
Todd	3	0.2%
Webster	3	0.2%
Carter	2	0.1%
Garrard	2	0.1%
Harlan	2	0.1%
Knott	2	0.1%
Owen	2	0.1%
Union	2	0.1%
Wolfe	2	0.1%
Breathitt	1	0.1%
Elliott	1	0.1%
Gallatin	1	0.1%
Larue	1	0.1%
Livingston	1	0.1%
Lyon	1	0.1%
Magoffin	1	0.1%
Menifee	1	0.1%
Powell	1	0.1%
Trigg	1	0.1%
Ballard	0	0.0%
Bath	0	0.0%
Breckinridge	0	0.0%
Carlisle	0	0.0%
Green	0	0.0%
Hickman	0	0.0%
Morgan	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%
Trimble	0	0.0%

Total New Cases  
1,781

## Total Deaths by County

County	Deaths	Percent
Jefferson	546	19.7%
Fayette	148	5.3%
Warren	84	3.0%
Hopkins	83	3.0%
Kenton	77	2.8%
Daviess	76	2.7%
Christian	51	1.8%
Graves	51	1.8%
Oldham	48	1.7%
Jessamine	47	1.7%
Henderson	46	1.7%
Pulaski	46	1.7%
Boone	45	1.6%
Hardin	42	1.5%
McCracken	41	1.5%
Logan	40	1.4%
Adair	39	1.4%
Madison	39	1.4%
Barren	35	1.3%
Campbell	34	1.2%
Pike	33	1.2%
Grayson	32	1.2%
Boyd	31	1.1%
Bullitt	31	1.1%
Muhlenberg	29	1.0%
Shelby	29	1.0%
Russell	28	1.0%
Bell	27	1.0%
Monroe	26	0.9%
Ohio	26	0.9%

County	Deaths	Percent
Calloway	25	0.9%
Harlan	25	0.9%
Lewis	25	0.9%
Lincoln	25	0.9%
Casey	24	0.9%
Scott	23	0.8%
Marshall	22	0.8%
Franklin	21	0.8%
Jackson	21	0.8%
McLean	20	0.7%
Marion	20	0.7%
Greenup	19	0.7%
Mason	19	0.7%
Lee	18	0.6%
Allen	17	0.6%
Laurel	17	0.6%
Nelson	17	0.6%
Perry	17	0.6%
Taylor	17	0.6%
Butler	16	0.6%
Caldwell	16	0.6%
Clinton	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%
Montgomery	12	0.4%
Simpson	12	0.4%

County	Deaths	Percent
Webster	12	0.4%
Gallatin	11	0.4%
Hancock	11	0.4%
Livingston	11	0.4%
Washington	11	0.4%
Grant	10	0.4%
Green	10	0.4%
Knox	10	0.4%
Martin	10	0.4%
Owsley	10	0.4%
Whitley	10	0.4%
Hart	9	0.3%
Union	9	0.3%
Bath	8	0.3%
Clay	8	0.3%
Rockcastle	8	0.3%
Wayne	8	0.3%
Carroll	7	0.3%
Lyon	7	0.3%
Metcalfe	7	0.3%
Carter	6	0.2%
Hickman	6	0.2%
Mercer	6	0.2%
Owen	6	0.2%
Boyle	5	0.2%
Breckinridge	5	0.2%
Lawrence	5	0.2%
Robertson	5	0.2%
Spencer	5	0.2%
Cumberland	4	0.1%

County	Deaths	Percent
Fulton	4	0.1%
Garrard	4	0.1%
Henry	4	0.1%
Larue	4	0.1%
Letcher	4	0.1%
Meade	4	0.1%
Wolfe	4	0.1%
Anderson	3	0.1%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Nicholas	3	0.1%
Rowan	3	0.1%
Trigg	3	0.1%
Ballard	2	0.1%
Fleming	2	0.1%
McCreary	2	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  
2,772

## Incidence Rates by County

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

County	Rate
Boyle	149.7
Lawrence	134.3
Clinton	124.4
Clay	114.1
Hancock	113.0
Boyd	109.2
Cumberland	105.8
Harlan	103.3
Greenup	102.2
Oldham	94.7
Nicholas	94.3
Fleming	94.1
Harrison	93.0
Wayne	92.7
Graves	92.4
Bell	90.0
Bourbon	87.4
Muhlenberg	85.8
Mercer	83.4
Pike	83.2
Breathitt	82.6
Whitley	81.2
Letcher	80.2
Monroe	77.8
Crittenden	76.2
Rockcastle	75.3
Knox	74.3
Webster	72.9
Floyd	72.7
Daviess	72.3

County	Rate
Elliott	72.2
Pulaski	72.1
Butler	72.1
Carlisle	72.0
Ohio	71.4
Laurel	70.5
Logan	70.1
Christian	69.1
Anderson	69.1
Carter	66.1
Jackson	65.4
Fayette	64.5
Allen	64.3
Leslie	62.2
Owsley	61.5
Hopkins	61.1
Taylor	61.0
Kenton	59.5
Menifee	59.4
Simpson	59.2
Carroll	59.1
Boone	58.9
Marshall	58.3
McLean	57.4
Johnson	57.3
Todd	56.9
Warren	56.8
Henderson	56.6
Nelson	55.9
Perry	54.9

County	Rate
Green	54.8
Morgan	54.7
Robertson	54.2
Jefferson	53.6
Shelby	53.6
Bullitt	53.0
Calloway	52.7
Garrard	52.6
Woodford	52.4
McCreary	52.2
Hardin	50.7
Metcalfe	49.6
Rowan	49.1
Henry	47.8
Grayson	47.6
Campbell	46.7
Lincoln	46.0
Washington	44.9
Jessamine	44.9
Marion	43.7
Meade	43.5
Powell	42.8
Knott	42.5
Montgomery	42.1
Martin	42.1
Trigg	41.9
Union	40.7
Estill	40.5
McCracken	39.7
Larue	39.7

County	Rate
Madison	39.5
Caldwell	38.1
Mason	37.7
Trimble	37.1
Grant	37.0
Edmonson	36.4
Breckinridge	36.3
Fulton	35.9
Russell	35.1
Scott	34.8
Spencer	34.0
Franklin	33.3
Lee	30.9
Clark	29.2
Gallatin	29.0
Barren	28.1
Livingston	28.0
Hart	27.8
Adair	27.5
Pendleton	26.4
Ballard	25.4
Lyon	24.4
Bracken	24.1
Wolfe	24.0
Owen	23.6
Casey	23.0
Lewis	20.4
Magoffin	18.8
Bath	14.9
Hickman	9.8

Current Overall Incidence Rate  
59.17 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.