

# KY COVID-19 Report 16JAN21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	324,325	257,994	66,331
Deaths	3,093	2,858	235
New Cases	3,096	2,341	755
New Cases 18 and Under	426	311	115
New Deaths	32	29	3

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

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
12,795	3.9%	0-9	0.0%	1
32,638	10.1%	10-19	0.0%	1
59,811	18.4%	20-29	0.0%	1
49,908	15.4%	30-39	0.7%	21
48,727	15.0%	40-49	1.7%	53
46,790	14.4%	50-59	5.9%	181
36,285	11.2%	60-69	16.8%	519
22,232	6.9%	70-79	26.0%	805
14,976	4.6%	80+	48.9%	1,511
163	0.1%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
618	0.2%	American Indian	0.1%	2
2,983	1.2%	Asian	0.7%	19
21,732	8.6%	Black	9.0%	256
270	0.1%	Pacific Islander	0.0%	1
214,723	84.9%	White	87.5%	2,485
12,482	4.9%	Multiracial	2.7%	76

Cases	Case Percent	Ethnicity	Death Percent	Deaths
14,522	6.0%	Hispanic	1.9%	53
226,486	94.0%	Non-Hispanic	98.1%	2,680

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 77.9% of cases and 91.8% of deaths  
Ethnicity known for 74.3% of cases and 88.4% of deaths

## Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	41,475	12.8%
Deaths	2,123	68.6%

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
12,274	104,526	11.74%

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
3,751,889	3,400,741	104,683	246,465	241,873	209,782	7,676	24,415

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	15,246	4.70%
Ever ICU	3,344	1.03%
Recovered	40,541	12.50%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,631
ICU	408
On Ventilator	214

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,042	4,187	68.3%
ICU Beds	1,200	596	66.8%
Ventilators	639	1,164	35.4%

## 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	76	24	11	9.6%	23.5%	11.1%	57.45%	61.76%	27.27%
Region 2	95	30	20	12.3%	26.1%	25.0%	47.80%	40.87%	41.25%
Region 3	500	106	59	13.1%	20.3%	13.5%	68.34%	64.11%	36.38%
Region 4	96	30	19	11.3%	27.8%	15.6%	58.10%	83.33%	24.59%
Region 5	289	65	39	10.5%	15.6%	7.4%	74.36%	69.47%	40.26%
Region 6	163	49	19	12.9%	28.0%	16.7%	82.87%	60.00%	56.14%
Region 7	80	12	0	12.8%	18.8%	0.0%	76.56%	78.13%	11.86%
Region 8	158	46	24	13.2%	33.8%	16.3%	65.50%	88.97%	36.05%
Region 9	124	25	17	18.6%	21.9%	17.0%	69.82%	53.51%	26.00%
Region 10	50	21	6	10.5%	46.7%	10.5%	59.07%	88.89%	35.09%

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	59,907	18.5%
Fayette	26,909	8.3%
Warren	12,114	3.7%
Kenton	11,218	3.5%
Boone	9,490	2.9%
Daviess	7,367	2.3%
Hardin	7,219	2.2%
Madison	6,786	2.1%
Campbell	5,681	1.8%
Oldham	5,492	1.7%
Christian	5,200	1.6%
Bullitt	4,935	1.5%
McCracken	4,848	1.5%
Laurel	4,590	1.4%
Pulaski	4,541	1.4%
Boyd	3,849	1.2%
Pike	3,844	1.2%
Henderson	3,619	1.1%
Nelson	3,585	1.1%
Shelby	3,521	1.1%
Graves	3,303	1.0%
Whitley	3,302	1.0%
Hopkins	3,247	1.0%
Jessamine	3,122	1.0%
Scott	3,068	0.9%
Barren	3,005	0.9%
Calloway	2,816	0.9%
Greenup	2,806	0.9%
Boyle	2,790	0.9%
Franklin	2,575	0.8%

County	Cases	Percent
Muhlenberg	2,325	0.7%
Floyd	2,316	0.7%
Knox	2,266	0.7%
Bell	2,203	0.7%
Taylor	2,091	0.6%
Clay	2,035	0.6%
Logan	1,979	0.6%
Harlan	1,957	0.6%
Marshall	1,947	0.6%
Clark	1,923	0.6%
Mercer	1,917	0.6%
Ohio	1,871	0.6%
Perry	1,845	0.6%
Montgomery	1,773	0.5%
Marion	1,742	0.5%
Lincoln	1,722	0.5%
Wayne	1,698	0.5%
Morgan	1,697	0.5%
Carter	1,640	0.5%
Woodford	1,551	0.5%
Grayson	1,542	0.5%
Rowan	1,532	0.5%
Grant	1,472	0.5%
Meade	1,418	0.4%
Hart	1,417	0.4%
Johnson	1,407	0.4%
Allen	1,403	0.4%
Simpson	1,400	0.4%
Letcher	1,351	0.4%
Adair	1,342	0.4%

County	Cases	Percent
McCreary	1,303	0.4%
Russell	1,277	0.4%
Anderson	1,251	0.4%
Bourbon	1,215	0.4%
Spencer	1,163	0.4%
Garrard	1,133	0.3%
Harrison	1,129	0.3%
Clinton	1,104	0.3%
Mason	1,103	0.3%
Lee	1,098	0.3%
Union	1,092	0.3%
Monroe	1,089	0.3%
Rockcastle	1,083	0.3%
Caldwell	1,042	0.3%
Jackson	1,042	0.3%
Washington	1,024	0.3%
Butler	995	0.3%
Lawrence	993	0.3%
Henry	967	0.3%
Larue	957	0.3%
Webster	950	0.3%
Casey	936	0.3%
Lewis	935	0.3%
Fleming	885	0.3%
Elliott	873	0.3%
Todd	866	0.3%
Breckinridge	863	0.3%
Green	845	0.3%
Trigg	831	0.3%
Knott	829	0.3%

County	Cases	Percent
Powell	795	0.2%
Estill	794	0.2%
Martin	775	0.2%
Magoffin	773	0.2%
Breathitt	760	0.2%
Pendleton	738	0.2%
Carroll	734	0.2%
Metcalfe	701	0.2%
McLean	679	0.2%
Edmonson	634	0.2%
Hancock	633	0.2%
Bath	627	0.2%
Leslie	624	0.2%
Livingston	577	0.2%
Gallatin	517	0.2%
Cumberland	516	0.2%
Owen	499	0.2%
Trimble	472	0.1%
Crittenden	465	0.1%
Fulton	404	0.1%
Carlisle	386	0.1%
Bracken	381	0.1%
Nicholas	378	0.1%
Lyon	376	0.1%
Wolfe	359	0.1%
Owsley	355	0.1%
Ballard	279	0.1%
Menifee	275	0.1%
Hickman	253	0.1%
Robertson	161	0.0%

Total Cases  
324,325

## New Cases by County

County	Cases	Percent
Jefferson	552	17.8%
Fayette	206	6.7%
Kenton	118	3.8%
Warren	117	3.8%
Daviess	85	2.7%
Boone	83	2.7%
Hardin	74	2.4%
Morgan	66	2.1%
Campbell	59	1.9%
Laurel	59	1.9%
Henderson	54	1.7%
Oldham	53	1.7%
Pike	53	1.7%
Pulaski	50	1.6%
Jessamine	49	1.6%
Clark	46	1.5%
Boyd	44	1.4%
Madison	39	1.3%
Bullitt	38	1.2%
Scott	37	1.2%
Nelson	36	1.2%
Barren	33	1.1%
Shelby	33	1.1%
Christian	32	1.0%
Graves	31	1.0%
Greenup	30	1.0%
Knox	30	1.0%
Wayne	30	1.0%
Harlan	28	0.9%
Floyd	27	0.9%

County	Cases	Percent
Taylor	27	0.9%
Franklin	26	0.8%
Bell	21	0.7%
Hopkins	21	0.7%
Marshall	21	0.7%
Montgomery	21	0.7%
Grant	20	0.6%
Logan	20	0.6%
Rowan	20	0.6%
Anderson	19	0.6%
Calloway	19	0.6%
Meade	19	0.6%
Whitley	19	0.6%
Bourbon	18	0.6%
Simpson	17	0.5%
Clinton	16	0.5%
Grayson	16	0.5%
Carter	14	0.5%
McCreary	14	0.5%
Mercer	14	0.5%
Ohio	14	0.5%
Allen	13	0.4%
McCracken	13	0.4%
Union	13	0.4%
Woodford	13	0.4%
Boyle	12	0.4%
Caldwell	12	0.4%
Marion	12	0.4%
Spencer	12	0.4%
Henry	11	0.4%

County	Cases	Percent
Johnson	11	0.4%
Lincoln	11	0.4%
McLean	11	0.4%
Trigg	11	0.4%
Washington	11	0.4%
Adair	10	0.3%
Butler	10	0.3%
Clay	10	0.3%
Garrard	10	0.3%
Hart	10	0.3%
Lewis	10	0.3%
Pendleton	10	0.3%
Perry	10	0.3%
Russell	10	0.3%
Todd	10	0.3%
Webster	10	0.3%
Breckinridge	9	0.3%
Carroll	9	0.3%
Fulton	9	0.3%
Hancock	9	0.3%
Harrison	9	0.3%
Jackson	9	0.3%
Lawrence	9	0.3%
Casey	8	0.3%
Edmonson	8	0.3%
Estill	8	0.3%
Larue	8	0.3%
Mason	8	0.3%
Green	7	0.2%
Letcher	7	0.2%

County	Cases	Percent
Magoffin	7	0.2%
Metcalfe	7	0.2%
Owen	7	0.2%
Trimble	7	0.2%
Gallatin	6	0.2%
Martin	6	0.2%
Bath	5	0.2%
Bracken	5	0.2%
Breathitt	5	0.2%
Knott	5	0.2%
Leslie	5	0.2%
Livingston	5	0.2%
Muhlenberg	5	0.2%
Cumberland	4	0.1%
Elliott	4	0.1%
Fleming	4	0.1%
Rockcastle	4	0.1%
Carlisle	3	0.1%
Crittenden	3	0.1%
Nicholas	3	0.1%
Powell	3	0.1%
Wolfe	3	0.1%
Hickman	2	0.1%
Lee	2	0.1%
Monroe	2	0.1%
Ballard	1	0.0%
Menifee	1	0.0%
Owsley	1	0.0%
Lyon	0	0.0%
Robertson	0	0.0%

Total New Cases  
3,096

## Total Deaths by County

County	Deaths	Percent
Jefferson	596	19.3%
Fayette	160	5.2%
Hopkins	101	3.3%
Warren	88	2.8%
Daviess	78	2.5%
Kenton	78	2.5%
Christian	57	1.8%
Pulaski	57	1.8%
Graves	54	1.7%
Hardin	53	1.7%
Jessamine	48	1.6%
McCracken	47	1.5%
Oldham	47	1.5%
Boone	46	1.5%
Henderson	46	1.5%
Madison	45	1.5%
Adair	43	1.4%
Logan	43	1.4%
Pike	38	1.2%
Grayson	37	1.2%
Muhlenberg	36	1.2%
Barren	35	1.1%
Campbell	34	1.1%
Russell	33	1.1%
Bell	32	1.0%
Boyd	32	1.0%
Bullitt	31	1.0%
Calloway	29	0.9%
Ohio	29	0.9%
Shelby	29	0.9%

County	Deaths	Percent
Lewis	28	0.9%
Lincoln	28	0.9%
Monroe	28	0.9%
Casey	26	0.8%
Harlan	26	0.8%
Marshall	25	0.8%
Mason	24	0.8%
Scott	24	0.8%
Franklin	23	0.7%
Nelson	23	0.7%
Jackson	22	0.7%
Greenup	21	0.7%
Taylor	21	0.7%
Clinton	20	0.6%
McLean	20	0.6%
Marion	20	0.6%
Allen	19	0.6%
Wayne	19	0.6%
Carter	18	0.6%
Lee	18	0.6%
Butler	17	0.5%
Caldwell	17	0.5%
Laurel	17	0.5%
Perry	17	0.5%
Clark	16	0.5%
Floyd	16	0.5%
Johnson	16	0.5%
Todd	16	0.5%
Washington	16	0.5%
Livingston	15	0.5%

County	Deaths	Percent
Montgomery	15	0.5%
Simpson	15	0.5%
Clay	14	0.5%
Knott	14	0.5%
Whitley	14	0.5%
Edmonson	13	0.4%
Gallatin	13	0.4%
Boyle	12	0.4%
Hart	12	0.4%
Metcalfe	12	0.4%
Rockcastle	12	0.4%
Webster	12	0.4%
Green	11	0.4%
Hancock	11	0.4%
Mercer	11	0.4%
Bath	10	0.3%
Grant	10	0.3%
Knox	10	0.3%
Martin	10	0.3%
Owsley	10	0.3%
Union	9	0.3%
Carroll	8	0.3%
Lyon	8	0.3%
Robertson	8	0.3%
Hickman	7	0.2%
Owen	7	0.2%
Cumberland	6	0.2%
Larue	6	0.2%
McCreary	6	0.2%
Breckinridge	5	0.2%

County	Deaths	Percent
Henry	5	0.2%
Lawrence	5	0.2%
Letcher	5	0.2%
Meade	5	0.2%
Spencer	5	0.2%
Anderson	4	0.1%
Fleming	4	0.1%
Fulton	4	0.1%
Garrard	4	0.1%
Nicholas	4	0.1%
Wolfe	4	0.1%
Woodford	4	0.1%
Ballard	3	0.1%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Rowan	3	0.1%
Trigg	3	0.1%
Harrison	2	0.1%
Leslie	2	0.1%
Menifee	2	0.1%
Trimble	2	0.1%
Bourbon	1	0.0%
Carlisle	1	0.0%
Elliott	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  
3,093

## Incidence Rates by County

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

County	Rate
Morgan	595.7
Clinton	199.9
Oldham	172.6
Wayne	131.4
Hancock	111.4
Harrison	106.7
Taylor	106.4
Butler	104.3
Pulaski	100.3
Nelson	94.9
Kenton	94.8
Ohio	93.5
Henderson	92.9
Boone	90.0
Mercer	89.9
Carroll	88.7
Daviess	88.4
Bell	87.8
Webster	87.2
Cumberland	86.4
Boyd	85.6
Graves	85.1
Knox	84.9
Laurel	84.6
Leslie	83.9
Caldwell	82.9
Madison	81.4
Pike	81.2
Campbell	80.6
Russell	79.7

County	Rate
Washington	79.1
Bourbon	78.0
Warren	77.7
Whitley	77.2
McCreary	77.1
Letcher	74.9
Floyd	74.3
Barren	74.3
Greenup	74.1
McLean	72.9
Calloway	71.4
Boyle	71.3
Union	70.5
Trigg	70.2
Hart	69.0
Perry	68.8
Jefferson	66.4
Trimble	65.8
Carter	64.0
Marion	63.7
Johnson	63.7
Hopkins	63.6
Scott	63.4
Casey	62.8
Meade	62.5
Rowan	62.5
Bullitt	62.1
Jackson	61.1
Clay	61.0
Grant	61.0

County	Rate
Simpson	60.8
Lawrence	60.6
Shelby	60.3
Allen	60.3
Fayette	60.3
Carlisle	60.0
Montgomery	59.9
Gallatin	59.6
Harlan	59.3
Jessamine	58.9
Pendleton	58.7
Anderson	58.4
Grayson	57.8
Larue	57.5
Hardin	56.5
Monroe	56.3
Livingston	55.9
Marshall	55.6
Franklin	55.5
Muhlenberg	55.0
Woodford	55.0
Martin	54.9
Fleming	54.9
Christian	54.3
Henry	54.0
Clark	54.0
Todd	53.5
Estill	52.7
Garrard	52.6
Breckinridge	52.3

County	Rate
Lewis	51.7
Owen	51.1
Breathitt	50.9
Rockcastle	50.5
Bracken	49.9
Nicholas	49.1
Hickman	48.9
Lincoln	48.9
Logan	48.5
Green	48.3
Fulton	47.9
Adair	47.6
Spencer	44.3
Edmonson	42.3
Crittenden	42.2
Wolfe	41.9
Elliott	41.8
McCracken	41.7
Powell	41.6
Lee	40.5
Lyon	40.0
Bath	34.3
Metcalfe	34.0
Menifee	33.0
Ballard	32.6
Owsley	32.4
Knott	28.9
Mason	27.6
Magoffin	25.8
Robertson	6.8

Current Overall Incidence Rate  
72.61 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.