

# KY COVID-19 Report 18JAN21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	328,668	261,527	67,141
Deaths	3,167	2,923	244
New Cases	1,998	1,622	376
New Cases 18 and Under	219	166	53
New Deaths	40	39	1

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

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
12,959	3.9%	0-9	0.0%	1
33,058	10.1%	10-19	0.0%	1
60,572	18.4%	20-29	0.0%	1
50,583	15.4%	30-39	0.7%	21
49,454	15.0%	40-49	1.7%	54
47,468	14.4%	50-59	5.9%	186
36,762	11.2%	60-69	16.7%	530
22,522	6.9%	70-79	26.1%	826
15,128	4.6%	80+	48.8%	1,547
162	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
630	0.2%	American Indian	0.1%	2
3,022	1.2%	Asian	0.7%	19
21,980	8.6%	Black	9.0%	261
277	0.1%	Pacific Islander	0.0%	1
217,114	84.9%	White	87.6%	2,540
12,657	5.0%	Multiracial	2.7%	78

Cases	Case Percent	Ethnicity	Death Percent	Deaths
14,628	6.0%	Hispanic	2.0%	55
229,343	94.0%	Non-Hispanic	98.0%	2,735

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 77.8% of cases and 91.6% of deaths  
Ethnicity known for 74.2% of cases and 88.1% of deaths

## Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	999	0.3%
Deaths	999	31.5%

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
11,897	102,231	11.64%

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
3,788,808	3,435,510	104,916	248,382	244,741	212,352	7,755	24,634

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	15,347	4.67%
Ever ICU	3,368	1.02%
Recovered	40,761	12.40%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,587
ICU	397
On Ventilator	208

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,564	4,715	64.5%
ICU Beds	1,160	643	64.3%
Ventilators	592	1,194	33.1%

## 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	65	20	12	8.2%	19.6%	12.1%	49.62%	48.04%	19.19%
Region 2	101	29	22	12.3%	23.8%	26.5%	51.94%	40.98%	44.58%
Region 3	493	109	54	12.9%	20.9%	12.4%	64.12%	62.96%	32.49%
Region 4	100	29	18	11.7%	26.9%	14.9%	54.81%	79.63%	20.66%
Region 5	284	77	37	10.3%	18.5%	7.2%	72.59%	69.47%	39.49%
Region 6	166	39	14	13.1%	22.3%	12.4%	79.95%	52.57%	51.33%
Region 7	73	15	4	11.6%	23.4%	3.4%	73.52%	85.94%	11.97%
Region 8	145	40	26	12.1%	29.4%	17.7%	56.06%	80.88%	33.33%
Region 9	113	21	15	17.0%	18.4%	15.0%	59.91%	55.26%	24.00%
Region 10	47	18	6	9.9%	40.0%	10.9%	58.86%	84.44%	38.18%

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	60,589	18.4%
Fayette	27,358	8.3%
Warren	12,183	3.7%
Kenton	11,398	3.5%
Boone	9,682	2.9%
Daviess	7,437	2.3%
Hardin	7,260	2.2%
Madison	6,883	2.1%
Oldham	5,892	1.8%
Campbell	5,784	1.8%
Christian	5,241	1.6%
Bullitt	4,998	1.5%
McCracken	4,908	1.5%
Laurel	4,628	1.4%
Pulaski	4,618	1.4%
Pike	3,922	1.2%
Boyd	3,879	1.2%
Henderson	3,649	1.1%
Nelson	3,605	1.1%
Shelby	3,568	1.1%
Graves	3,376	1.0%
Whitley	3,312	1.0%
Hopkins	3,274	1.0%
Jessamine	3,168	1.0%
Scott	3,116	0.9%
Barren	3,043	0.9%
Calloway	2,863	0.9%
Greenup	2,857	0.9%
Boyle	2,822	0.9%
Franklin	2,638	0.8%

County	Cases	Percent
Muhlenberg	2,366	0.7%
Floyd	2,351	0.7%
Knox	2,276	0.7%
Bell	2,234	0.7%
Taylor	2,117	0.6%
Clay	2,054	0.6%
Logan	2,005	0.6%
Marshall	1,987	0.6%
Harlan	1,982	0.6%
Clark	1,937	0.6%
Mercer	1,933	0.6%
Ohio	1,896	0.6%
Perry	1,866	0.6%
Montgomery	1,788	0.5%
Marion	1,750	0.5%
Lincoln	1,730	0.5%
Wayne	1,705	0.5%
Morgan	1,704	0.5%
Carter	1,655	0.5%
Woodford	1,578	0.5%
Rowan	1,560	0.5%
Grayson	1,556	0.5%
Grant	1,497	0.5%
Hart	1,437	0.4%
Meade	1,427	0.4%
Johnson	1,423	0.4%
Allen	1,412	0.4%
Simpson	1,410	0.4%
Letcher	1,365	0.4%
Adair	1,355	0.4%

County	Cases	Percent
McCreary	1,316	0.4%
Russell	1,290	0.4%
Anderson	1,268	0.4%
Bourbon	1,243	0.4%
Harrison	1,182	0.4%
Spencer	1,182	0.4%
Garrard	1,144	0.3%
Clinton	1,133	0.3%
Mason	1,106	0.3%
Lee	1,101	0.3%
Union	1,101	0.3%
Rockcastle	1,099	0.3%
Monroe	1,092	0.3%
Jackson	1,057	0.3%
Caldwell	1,054	0.3%
Washington	1,038	0.3%
Butler	999	0.3%
Lawrence	999	0.3%
Henry	974	0.3%
Webster	965	0.3%
Larue	958	0.3%
Casey	955	0.3%
Lewis	935	0.3%
Fleming	889	0.3%
Elliott	882	0.3%
Breckinridge	877	0.3%
Todd	872	0.3%
Green	856	0.3%
Knott	845	0.3%
Trigg	845	0.3%

County	Cases	Percent
Estill	809	0.2%
Powell	801	0.2%
Martin	780	0.2%
Magoffin	777	0.2%
Breathitt	765	0.2%
Pendleton	753	0.2%
Carroll	744	0.2%
Metcalfe	706	0.2%
McLean	686	0.2%
Hancock	640	0.2%
Leslie	640	0.2%
Edmonson	637	0.2%
Bath	634	0.2%
Livingston	580	0.2%
Gallatin	530	0.2%
Cumberland	523	0.2%
Owen	503	0.2%
Trimble	482	0.1%
Crittenden	466	0.1%
Fulton	410	0.1%
Carlisle	390	0.1%
Bracken	389	0.1%
Nicholas	380	0.1%
Lyon	379	0.1%
Wolfe	363	0.1%
Owsley	361	0.1%
Ballard	284	0.1%
Menifee	276	0.1%
Hickman	254	0.1%
Robertson	161	0.0%

Total Cases  
328,668

## New Cases by County

County	Cases	Percent
Jefferson	342	17.1%
Fayette	230	11.5%
Oldham	208	10.4%
Madison	67	3.4%
Kenton	66	3.3%
Boone	64	3.2%
Campbell	51	2.6%
Warren	48	2.4%
Franklin	38	1.9%
Greenup	36	1.8%
Bullitt	32	1.6%
Graves	28	1.4%
McCracken	28	1.4%
Marshall	25	1.3%
Scott	23	1.2%
Shelby	22	1.1%
Daviess	21	1.1%
Harrison	20	1.0%
Pulaski	19	1.0%
Bell	18	0.9%
Bourbon	18	0.9%
Harlan	18	0.9%
Muhlenberg	17	0.9%
Pike	17	0.9%
Barren	15	0.8%
Jessamine	15	0.8%
Taylor	15	0.8%
Boyd	14	0.7%
Christian	14	0.7%
Clay	14	0.7%

County	Cases	Percent
Hopkins	14	0.7%
Boyle	13	0.7%
Mercer	13	0.7%
Woodford	13	0.7%
Calloway	12	0.6%
Clinton	12	0.6%
Floyd	12	0.6%
Caldwell	11	0.6%
Laurel	11	0.6%
McCreary	11	0.6%
Hart	10	0.5%
Montgomery	10	0.5%
Pendleton	10	0.5%
Adair	9	0.5%
Casey	9	0.5%
Henderson	9	0.5%
Nelson	9	0.5%
Perry	9	0.5%
Estill	8	0.4%
Garrard	8	0.4%
Grant	8	0.4%
Grayson	8	0.4%
Hardin	8	0.4%
Knott	8	0.4%
Lincoln	8	0.4%
Rowan	8	0.4%
Allen	7	0.4%
Logan	7	0.4%
Trigg	7	0.4%
Whitley	7	0.4%

County	Cases	Percent
Anderson	6	0.3%
Carroll	6	0.3%
Leslie	6	0.3%
Ohio	6	0.3%
Russell	6	0.3%
Spencer	6	0.3%
Clark	5	0.3%
Gallatin	5	0.3%
Henry	5	0.3%
Jackson	5	0.3%
Knox	5	0.3%
Letcher	5	0.3%
Webster	5	0.3%
Elliott	4	0.2%
Green	4	0.2%
Mason	4	0.2%
Morgan	4	0.2%
Powell	4	0.2%
Rockcastle	4	0.2%
Simpson	4	0.2%
Cumberland	3	0.2%
Fleming	3	0.2%
Johnson	3	0.2%
Magoffin	3	0.2%
Marion	3	0.2%
Metcalfe	3	0.2%
Monroe	3	0.2%
Nicholas	3	0.2%
Owen	3	0.2%
Trimble	3	0.2%

County	Cases	Percent
Washington	3	0.2%
Bracken	2	0.1%
Butler	2	0.1%
Carlisle	2	0.1%
Carter	2	0.1%
Crittenden	2	0.1%
Fulton	2	0.1%
Livingston	2	0.1%
McLean	2	0.1%
Owsley	2	0.1%
Union	2	0.1%
Wayne	2	0.1%
Ballard	1	0.1%
Bath	1	0.1%
Breathitt	1	0.1%
Breckinridge	1	0.1%
Edmonson	1	0.1%
Hancock	1	0.1%
Larue	1	0.1%
Lawrence	1	0.1%
Lee	1	0.1%
Lyon	1	0.1%
Menifee	1	0.1%
Wolfe	1	0.1%
Hickman	0	0.0%
Lewis	0	0.0%
Martin	0	0.0%
Meade	0	0.0%
Robertson	0	0.0%
Todd	0	0.0%

Total New Cases  
1,998

Total Deaths by County

County	Deaths	Percent
Jefferson	602	19.0%
Fayette	161	5.1%
Hopkins	101	3.2%
Daviess	99	3.1%
Warren	88	2.8%
Kenton	78	2.5%
Christian	60	1.9%
Pulaski	59	1.9%
Graves	55	1.7%
Hardin	55	1.7%
Oldham	54	1.7%
Henderson	48	1.5%
Jessamine	48	1.5%
McCracken	47	1.5%
Boone	46	1.5%
Madison	45	1.4%
Adair	43	1.4%
Logan	43	1.4%
Pike	39	1.2%
Grayson	37	1.2%
Muhlenberg	37	1.2%
Barren	35	1.1%
Campbell	34	1.1%
Russell	34	1.1%
Boyd	33	1.0%
Bullitt	33	1.0%
Bell	32	1.0%
Ohio	31	1.0%
Calloway	30	0.9%
Shelby	30	0.9%

County	Deaths	Percent
Lewis	28	0.9%
Lincoln	28	0.9%
Monroe	28	0.9%
Casey	27	0.9%
Marshall	27	0.9%
Harlan	26	0.8%
Mason	24	0.8%
Scott	24	0.8%
Franklin	23	0.7%
Jackson	23	0.7%
Nelson	23	0.7%
Taylor	23	0.7%
Greenup	21	0.7%
McLean	21	0.7%
Clinton	20	0.6%
Marion	20	0.6%
Wayne	20	0.6%
Allen	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%
Montgomery	16	0.5%
Todd	16	0.5%
Washington	16	0.5%

County	Deaths	Percent
Livingston	15	0.5%
Simpson	15	0.5%
Clay	14	0.4%
Knott	14	0.4%
Webster	14	0.4%
Whitley	14	0.4%
Edmonson	13	0.4%
Gallatin	13	0.4%
Boyle	12	0.4%
Hart	12	0.4%
Metcalfe	12	0.4%
Rockcastle	12	0.4%
Green	11	0.3%
Hancock	11	0.3%
Lyon	11	0.3%
Mercer	11	0.3%
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%
McCreary	8	0.3%
Robertson	8	0.3%
Hickman	7	0.2%
Owen	7	0.2%
Cumberland	6	0.2%
Fleming	6	0.2%
Larue	6	0.2%

County	Deaths	Percent
Breckinridge	5	0.2%
Henry	5	0.2%
Lawrence	5	0.2%
Meade	5	0.2%
Nicholas	5	0.2%
Spencer	5	0.2%
Anderson	4	0.1%
Fulton	4	0.1%
Garrard	4	0.1%
Letcher	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%
Menifee	3	0.1%
Rowan	3	0.1%
Trigg	3	0.1%
Harrison	2	0.1%
Leslie	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  
3,167

## Incidence Rates by County

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

County	Rate
Morgan	369.2
Oldham	247.0
Clinton	174.8
Wayne	120.8
Hancock	111.4
Harrison	107.4
Pulaski	104.9
Taylor	97.6
Kenton	92.5
Ohio	90.5
Graves	89.3
Boone	88.2
Bourbon	86.6
Nelson	83.1
Daviess	82.9
Washington	82.7
Carroll	82.0
Pike	81.7
Laurel	81.3
Bell	81.2
Cumberland	79.9
Russell	79.7
Mercer	78.2
Butler	77.6
Campbell	77.4
Henderson	76.8
Leslie	75.2
Floyd	74.7
McLean	74.5
Knox	74.3

County	Rate
Madison	74.1
Greenup	73.7
Gallatin	72.5
McCreary	72.1
Hart	71.3
Webster	69.5
Pendleton	69.5
Whitley	69.3
Trimble	69.1
Boyle	68.0
Warren	67.8
Barren	67.5
Boyd	67.3
Jackson	66.5
Union	64.6
Hopkins	64.3
Clay	63.9
Fayette	62.6
Harlan	62.1
Jefferson	61.9
Marshall	61.1
Perry	61.0
Rowan	60.7
Carlisle	60.0
Lawrence	59.7
Letcher	59.7
Franklin	59.4
Grant	59.3
Simpson	58.5
Scott	58.1

County	Rate
Fulton	57.4
Johnson	57.3
Marion	57.1
Muhlenberg	56.9
Christian	56.8
Martin	56.1
Woodford	56.1
Jessamine	56.0
Breckinridge	55.8
Casey	55.7
Anderson	55.3
Shelby	55.1
Bracken	55.1
Monroe	55.0
Caldwell	54.9
Estill	54.7
Todd	54.6
Calloway	54.6
Meade	54.0
Green	53.5
Carter	53.3
Adair	52.8
Owen	52.4
Hardin	52.4
Grayson	51.4
Bullitt	51.2
Garrard	50.9
Breathitt	50.9
Trigg	50.7
Logan	50.6

County	Rate
Larue	50.6
Allen	50.3
Clark	50.0
Fleming	50.0
Rockcastle	48.8
Henry	48.7
Montgomery	48.2
Elliott	47.5
Hickman	45.7
Powell	45.1
Nicholas	43.2
McCracken	40.8
Spencer	40.6
Lee	40.5
Owsley	38.8
Wolfe	35.9
Lewis	35.5
Knott	34.7
Lincoln	34.3
Bath	33.1
Edmonson	32.9
Livingston	32.6
Metcalfe	32.6
Ballard	32.6
Magoffin	27.0
Menifee	26.4
Mason	25.9
Lyon	22.6
Crittenden	14.6
Robertson	0.0

Current Overall Incidence Rate  
69.27 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.