

# KY COVID-19 Report 01JAN21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	272,502	219,052	53,450
Deaths	2,676	2,493	183
New Cases	3,124	2,591	533
New Cases 18 and Under	391	306	85
New Deaths	14	12	2

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

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
10,611	3.9%	0-9	0.0%	1
27,541	10.1%	10-19	0.0%	1
50,075	18.4%	20-29	0.0%	1
41,438	15.2%	30-39	0.7%	19
40,603	14.9%	40-49	1.6%	44
39,199	14.4%	50-59	5.9%	158
30,672	11.3%	60-69	16.5%	441
19,006	7.0%	70-79	26.0%	695
13,201	4.8%	80+	49.2%	1,316
156	0.1%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
541	0.3%	American Indian	0.1%	2
2,582	1.3%	Asian	0.7%	17
18,968	9.4%	Black	9.6%	236
173	0.1%	Pacific Islander	0.0%	1
169,019	83.8%	White	86.9%	2,135
10,328	5.1%	Multiracial	2.6%	65

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,898	5.1%	Hispanic	2.2%	51
185,949	94.9%	Non-Hispanic	97.8%	2,303

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 74.0% of cases and 91.8% of deaths  
Ethnicity known for 71.9% of cases and 88.0% of deaths

## Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	35,971	13.2%
Deaths	1,916	71.6%

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,715	94,109	10.32%

Positivity rate is calculated using electronically submitted PCRs from the past seven days. Over the Christmas holiday, we have experienced a significant decrease in reporting from major laboratories. Due to this, a larger proportion of the electronically-submitted PCR test results used to calculate COVID-19 test positivity rates are coming from healthcare facilities. Healthcare facilities primarily test symptomatic people, which will increase the positivity rate until the usual general population testing is reported fully again. We expect to see increased fluctuations in the positivity rate through the New Year's holiday due to changes with laboratory schedules which impact 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
3,482,265	3,205,690	102,226	174,349	211,508	186,623	6,984	17,901

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	13,660	5.01%
Ever ICU	3,068	1.13%
Recovered	37,170	13.64%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,671
ICU	423
On Ventilator	216

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,858	4,399	66.8%
ICU Beds	1,200	603	66.6%
Ventilators	608	1,157	34.4%

### 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	87	35	18	11.0%	34.3%	18.2%	62.25%	69.61%	24.24%
Region 2	107	33	17	13.0%	27.0%	20.7%	50.61%	36.07%	41.46%
Region 3	472	106	62	12.4%	20.3%	14.2%	65.37%	67.18%	35.47%
Region 4	88	29	14	10.3%	26.9%	12.6%	55.52%	83.33%	25.23%
Region 5	292	75	41	10.6%	18.0%	8.2%	70.57%	68.51%	42.12%
Region 6	167	41	12	13.3%	23.4%	10.8%	78.86%	51.43%	55.86%
Region 7	104	13	2	16.6%	20.3%	1.7%	80.06%	68.75%	5.83%
Region 8	166	44	27	13.9%	32.4%	18.5%	61.49%	82.35%	34.25%
Region 9	129	28	16	19.4%	24.6%	16.0%	73.72%	62.28%	21.00%
Region 10	59	19	7	12.4%	42.2%	12.1%	67.09%	95.56%	27.59%

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	51,889	19.0%
Fayette	23,693	8.7%
Warren	10,272	3.8%
Kenton	9,002	3.3%
Boone	7,753	2.8%
Hardin	6,157	2.3%
Daviess	5,951	2.2%
Madison	5,800	2.1%
Campbell	4,624	1.7%
Christian	4,434	1.6%
McCracken	4,355	1.6%
Bullitt	4,209	1.5%
Oldham	4,027	1.5%
Pulaski	3,750	1.4%
Laurel	3,745	1.4%
Boyd	3,112	1.1%
Shelby	3,049	1.1%
Pike	3,021	1.1%
Henderson	2,984	1.1%
Nelson	2,958	1.1%
Whitley	2,813	1.0%
Graves	2,741	1.0%
Hopkins	2,700	1.0%
Jessamine	2,661	1.0%
Barren	2,572	0.9%
Scott	2,491	0.9%
Calloway	2,385	0.9%
Greenup	2,376	0.9%
Boyle	2,310	0.8%
Franklin	2,162	0.8%

County	Cases	Percent
Muhlenberg	2,001	0.7%
Floyd	1,889	0.7%
Bell	1,858	0.7%
Knox	1,827	0.7%
Taylor	1,749	0.6%
Logan	1,729	0.6%
Clay	1,678	0.6%
Marshall	1,616	0.6%
Harlan	1,611	0.6%
Perry	1,588	0.6%
Marion	1,544	0.6%
Ohio	1,504	0.6%
Lincoln	1,480	0.5%
Clark	1,464	0.5%
Montgomery	1,432	0.5%
Carter	1,413	0.5%
Mercer	1,411	0.5%
Wayne	1,363	0.5%
Grayson	1,317	0.5%
Woodford	1,312	0.5%
Grant	1,265	0.5%
Rowan	1,264	0.5%
Hart	1,232	0.5%
Adair	1,214	0.4%
Simpson	1,214	0.4%
Allen	1,186	0.4%
Meade	1,180	0.4%
Johnson	1,147	0.4%
McCreary	1,119	0.4%
Russell	1,108	0.4%

County	Cases	Percent
Letcher	1,087	0.4%
Lee	1,044	0.4%
Anderson	1,003	0.4%
Spencer	1,003	0.4%
Bourbon	975	0.4%
Monroe	969	0.4%
Garrard	968	0.4%
Union	964	0.4%
Mason	955	0.4%
Washington	885	0.3%
Caldwell	881	0.3%
Rockcastle	877	0.3%
Jackson	869	0.3%
Clinton	856	0.3%
Larue	841	0.3%
Henry	835	0.3%
Casey	832	0.3%
Butler	818	0.3%
Elliott	818	0.3%
Lawrence	809	0.3%
Lewis	801	0.3%
Harrison	765	0.3%
Green	759	0.3%
Webster	758	0.3%
Fleming	756	0.3%
Knott	748	0.3%
Todd	713	0.3%
Magoffin	705	0.3%
Powell	704	0.3%
Estill	679	0.2%

County	Cases	Percent
Breckinridge	670	0.2%
Martin	669	0.2%
Trigg	668	0.2%
Breathitt	646	0.2%
Pendleton	615	0.2%
Metcalfe	614	0.2%
McLean	560	0.2%
Morgan	546	0.2%
Edmonson	544	0.2%
Carroll	541	0.2%
Bath	515	0.2%
Livingston	496	0.2%
Leslie	483	0.2%
Hancock	474	0.2%
Gallatin	432	0.2%
Owen	432	0.2%
Cumberland	411	0.2%
Trimble	383	0.1%
Fulton	367	0.1%
Crittenden	356	0.1%
Carlisle	340	0.1%
Lyon	328	0.1%
Owsley	318	0.1%
Wolfe	303	0.1%
Bracken	286	0.1%
Nicholas	281	0.1%
Ballard	241	0.1%
Menifee	229	0.1%
Hickman	225	0.1%
Robertson	140	0.1%

Total Cases  
272,502

## New Cases by County

County	Cases	Percent
Jefferson	558	17.9%
Fayette	210	6.7%
Oldham	164	5.2%
Christian	93	3.0%
Boone	91	2.9%
Daviess	85	2.7%
Kenton	82	2.6%
Boyle	78	2.5%
Greenup	64	2.0%
Hardin	64	2.0%
McCracken	58	1.9%
Laurel	53	1.7%
Nelson	48	1.5%
Floyd	47	1.5%
Graves	46	1.5%
Bell	45	1.4%
Muhlenberg	43	1.4%
Montgomery	42	1.3%
Warren	42	1.3%
Campbell	41	1.3%
Bourbon	37	1.2%
Woodford	36	1.2%
Harlan	35	1.1%
Bullitt	34	1.1%
Lawrence	32	1.0%
Pike	32	1.0%
Knox	31	1.0%
Jessamine	29	0.9%
Madison	29	0.9%
Marshall	29	0.9%

County	Cases	Percent
Breathitt	27	0.9%
Meade	27	0.9%
Henderson	26	0.8%
Letcher	26	0.8%
Clay	23	0.7%
Shelby	23	0.7%
Mercer	22	0.7%
Franklin	20	0.6%
Hopkins	19	0.6%
Lincoln	19	0.6%
Butler	18	0.6%
Crittenden	18	0.6%
Grayson	18	0.6%
Pulaski	18	0.6%
Scott	18	0.6%
Calloway	17	0.5%
Wayne	17	0.5%
Fleming	15	0.5%
Morgan	15	0.5%
Ohio	15	0.5%
Simpson	15	0.5%
Allen	14	0.4%
Marion	14	0.4%
Perry	14	0.4%
Breckinridge	13	0.4%
Harrison	13	0.4%
Carter	12	0.4%
Garrard	12	0.4%
Henry	12	0.4%
Nicholas	12	0.4%

County	Cases	Percent
Jackson	11	0.4%
Johnson	11	0.4%
Martin	11	0.4%
Hancock	10	0.3%
Logan	10	0.3%
Mason	10	0.3%
Rockcastle	10	0.3%
Whitley	10	0.3%
Barren	9	0.3%
Clark	9	0.3%
Elliott	9	0.3%
Larue	9	0.3%
Powell	9	0.3%
Todd	9	0.3%
Washington	9	0.3%
Carlisle	8	0.3%
Leslie	8	0.3%
Lyon	8	0.3%
Webster	8	0.3%
Caldwell	7	0.2%
Grant	7	0.2%
Knott	7	0.2%
Cumberland	6	0.2%
Livingston	6	0.2%
Spencer	6	0.2%
Trimble	6	0.2%
Boyd	5	0.2%
Bracken	5	0.2%
McLean	5	0.2%
Monroe	5	0.2%

County	Cases	Percent
Rowan	5	0.2%
Anderson	4	0.1%
Hart	4	0.1%
Lewis	4	0.1%
McCreary	4	0.1%
Owsley	4	0.1%
Trigg	4	0.1%
Union	4	0.1%
Adair	3	0.1%
Casey	3	0.1%
Clinton	3	0.1%
Menifee	3	0.1%
Russell	3	0.1%
Ballard	2	0.1%
Bath	2	0.1%
Carroll	2	0.1%
Estill	2	0.1%
Gallatin	2	0.1%
Hickman	2	0.1%
Metcalfe	2	0.1%
Robertson	2	0.1%
Taylor	2	0.1%
Wolfe	2	0.1%
Fulton	1	0.0%
Green	1	0.0%
Pendleton	1	0.0%
Edmonson	0	0.0%
Lee	0	0.0%
Magoffin	0	0.0%
Owen	0	0.0%

Total New Cases  
3,124

## Total Deaths by County

County	Deaths	Percent
Jefferson	536	20.0%
Fayette	143	5.3%
Warren	84	3.1%
Hopkins	81	3.0%
Daviess	76	2.8%
Kenton	67	2.5%
Christian	51	1.9%
Graves	49	1.8%
Oldham	48	1.8%
Henderson	46	1.7%
Jessamine	46	1.7%
Hardin	42	1.6%
McCracken	41	1.5%
Adair	39	1.5%
Boone	39	1.5%
Logan	39	1.5%
Madison	39	1.5%
Pulaski	38	1.4%
Barren	35	1.3%
Pike	33	1.2%
Grayson	32	1.2%
Boyd	31	1.2%
Bullitt	31	1.2%
Muhlenberg	29	1.1%
Shelby	29	1.1%
Bell	27	1.0%
Monroe	26	1.0%
Ohio	26	1.0%
Russell	26	1.0%
Calloway	25	0.9%

County	Deaths	Percent
Campbell	25	0.9%
Lewis	24	0.9%
Casey	23	0.9%
Lincoln	23	0.9%
Scott	23	0.9%
Franklin	20	0.7%
Harlan	20	0.7%
Jackson	20	0.7%
McLean	20	0.7%
Marion	20	0.7%
Marshall	20	0.7%
Greenup	19	0.7%
Lee	18	0.7%
Mason	18	0.7%
Allen	17	0.6%
Nelson	17	0.6%
Perry	17	0.6%
Taylor	17	0.6%
Butler	16	0.6%
Floyd	16	0.6%
Johnson	16	0.6%
Todd	16	0.6%
Caldwell	15	0.6%
Clark	15	0.6%
Clinton	15	0.6%
Knott	14	0.5%
Laurel	14	0.5%
Edmonson	13	0.5%
Montgomery	12	0.4%
Webster	12	0.4%

County	Deaths	Percent
Hancock	11	0.4%
Washington	11	0.4%
Gallatin	10	0.4%
Green	10	0.4%
Knox	10	0.4%
Martin	10	0.4%
Owsley	10	0.4%
Simpson	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%
Grant	7	0.3%
Livingston	7	0.3%
Metcalfe	7	0.3%
Carter	6	0.2%
Mercer	6	0.2%
Owen	6	0.2%
Breckinridge	5	0.2%
Hickman	5	0.2%
Lawrence	5	0.2%
Lyon	5	0.2%
Robertson	5	0.2%
Spencer	5	0.2%
Cumberland	4	0.1%
Fulton	4	0.1%

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

Total Deaths  
2,676

## Incidence Rates by County

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

County	Rate
Boyle	152.1
Clinton	123.0
Lawrence	119.4
Clay	115.6
Breathitt	102.9
Fleming	99.9
Hancock	99.9
Wayne	98.4
Oldham	95.2
Greenup	92.4
Bourbon	91.0
Elliott	85.5
Graves	85.1
Carlisle	84.0
McCreary	82.9
Cumberland	79.9
Bell	79.6
Knox	79.4
Boyd	77.7
Butler	75.4
Owsley	74.4
Christian	72.6
Monroe	72.4
Letcher	72.2
Harlan	72.0
Whitley	71.7
Muhlenberg	71.4
Mercer	71.0
Pike	68.9
Laurel	68.8

County	Rate
Nelson	67.4
Allen	66.4
Carter	64.5
Daviess	64.5
Menifee	63.8
Floyd	63.0
Marshall	62.9
Pulaski	61.6
Warren	60.7
Henry	60.2
Hardin	59.6
Simpson	59.2
Henderson	58.5
Rowan	58.4
Todd	58.1
Hopkins	55.9
Nicholas	55.0
Kenton	54.2
Robertson	54.2
Boone	54.1
Taylor	53.8
Woodford	53.4
Perry	53.2
Anderson	52.8
Fayette	52.6
Jackson	52.5
Logan	51.1
Webster	50.8
Metcalfe	49.6
Garrard	49.3

County	Rate
Rockcastle	48.8
Ohio	48.2
Marion	48.2
Grayson	48.1
Leslie	47.7
Meade	47.5
Calloway	46.9
Harrison	46.1
Washington	46.1
Lincoln	46.0
Larue	44.6
Shelby	44.6
Morgan	44.0
Bullitt	43.7
McLean	43.4
McCracken	43.0
Jefferson	43.0
Campbell	42.4
Russell	42.2
Carroll	40.3
Martin	39.6
Grant	39.3
Powell	39.3
Green	36.6
Union	35.8
Spencer	35.4
Jessamine	35.4
Breckinridge	34.9
Mason	34.3
Montgomery	34.0

County	Rate
Knott	33.8
Trimble	33.7
Fulton	33.5
Johnson	33.5
Madison	32.7
Edmonson	30.6
Trigg	30.2
Franklin	29.4
Pendleton	29.4
Barren	29.1
Estill	28.4
Adair	26.8
Gallatin	25.8
Casey	25.6
Clark	24.4
Owen	23.6
Lee	23.2
Scott	22.6
Ballard	21.7
Bath	21.7
Hart	21.0
Lewis	16.1
Bracken	15.5
Crittenden	14.6
Caldwell	14.6
Livingston	14.0
Wolfe	14.0
Lyon	13.9
Magoffin	9.4
Hickman	6.5

**Current Overall Incidence Rate**  
52.95 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.