

# KY COVID-19 Report

## 09JAN21

### Daily Summary

Measure	Total	Confirmed	Probable
Cases	300,398	240,337	60,061
Deaths	2,876	2,672	204
New Cases	4,240	3,289	951
New Cases 18 and Under	509	371	138
New Deaths	20	20	0

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

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
11,754	3.9%	0-9	0.0%	1
30,242	10.1%	10-19	0.0%	1
55,257	18.4%	20-29	0.0%	1
46,091	15.3%	30-39	0.7%	21
44,980	15.0%	40-49	1.7%	49
43,325	14.4%	50-59	5.8%	167
33,657	11.2%	60-69	16.6%	478
20,763	6.9%	70-79	25.7%	738
14,177	4.7%	80+	49.4%	1,420
152	0.1%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
586	0.2%	American Indian	0.1%	2
2,797	1.2%	Asian	0.6%	17
20,439	8.6%	Black	9.3%	244
243	0.1%	Pacific Islander	0.0%	1
201,147	85.0%	White	87.4%	2,305
11,526	4.9%	Multiracial	2.6%	68

Cases	Case Percent	Ethnicity	Death Percent	Deaths
13,827	6.2%	Hispanic	2.1%	52
208,658	93.8%	Non-Hispanic	97.9%	2,479

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
 Race known for 78.8% of cases and 91.7% of deaths  
 Ethnicity known for 74.1% of cases and 88.0% of deaths

### Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	38,267	12.7%
Deaths	2,021	70.3%

### Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
13,863	112,489	12.32%

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
3,619,434	3,310,799	103,544	205,091	226,957	198,605	7,341	21,011

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	14,511	4.83%
Ever ICU	3,223	1.07%
Recovered	38,905	12.95%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,752
ICU	384
On Ventilator	201

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,930	4,334	67.3%
ICU Beds	1,198	605	66.4%
Ventilators	609	1,161	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	101	26	14	12.8%	25.5%	14.1%	65.03%	71.57%	26.26%
Region 2	124	30	17	15.0%	24.6%	20.5%	49.64%	43.44%	39.76%
Region 3	508	107	62	13.3%	20.5%	14.2%	68.20%	65.26%	35.24%
Region 4	112	33	7	13.1%	30.6%	6.4%	55.28%	83.33%	31.82%
Region 5	295	54	38	10.7%	13.0%	7.6%	76.26%	67.31%	40.00%
Region 6	153	35	16	12.2%	20.0%	14.2%	77.58%	50.29%	53.98%
Region 7	108	14	5	17.2%	21.9%	4.1%	67.46%	79.69%	12.40%
Region 8	188	41	17	15.7%	30.1%	11.6%	59.65%	86.76%	30.61%
Region 9	116	30	18	17.4%	26.3%	18.0%	68.92%	61.40%	23.00%
Region 10	47	14	7	9.9%	31.1%	11.7%	54.22%	77.78%	28.33%

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	56,144	18.7%
Fayette	25,502	8.5%
Warren	11,375	3.8%
Kenton	10,061	3.3%
Boone	8,606	2.9%
Hardin	6,762	2.3%
Daviess	6,737	2.2%
Madison	6,246	2.1%
Campbell	5,143	1.7%
Christian	4,909	1.6%
Oldham	4,654	1.5%
McCracken	4,633	1.5%
Bullitt	4,593	1.5%
Laurel	4,217	1.4%
Pulaski	4,083	1.4%
Boyd	3,568	1.2%
Pike	3,440	1.1%
Henderson	3,319	1.1%
Shelby	3,295	1.1%
Nelson	3,283	1.1%
Whitley	3,097	1.0%
Graves	3,058	1.0%
Hopkins	3,038	1.0%
Jessamine	2,890	1.0%
Scott	2,794	0.9%
Barren	2,774	0.9%
Boyle	2,716	0.9%
Greenup	2,628	0.9%
Calloway	2,609	0.9%
Franklin	2,377	0.8%

County	Cases	Percent
Muhlenberg	2,206	0.7%
Floyd	2,125	0.7%
Knox	2,072	0.7%
Bell	2,037	0.7%
Clay	1,951	0.6%
Taylor	1,895	0.6%
Logan	1,886	0.6%
Harlan	1,845	0.6%
Marshall	1,822	0.6%
Ohio	1,711	0.6%
Perry	1,710	0.6%
Clark	1,682	0.6%
Marion	1,665	0.6%
Mercer	1,627	0.5%
Lincoln	1,615	0.5%
Montgomery	1,601	0.5%
Carter	1,518	0.5%
Wayne	1,509	0.5%
Woodford	1,443	0.5%
Grayson	1,434	0.5%
Rowan	1,408	0.5%
Grant	1,361	0.5%
Simpson	1,324	0.4%
Hart	1,322	0.4%
Allen	1,310	0.4%
Johnson	1,298	0.4%
Meade	1,292	0.4%
Adair	1,278	0.4%
Letcher	1,236	0.4%
McCreary	1,212	0.4%

County	Cases	Percent
Russell	1,173	0.4%
Anderson	1,158	0.4%
Morgan	1,139	0.4%
Bourbon	1,102	0.4%
Spencer	1,097	0.4%
Lee	1,076	0.4%
Garrard	1,068	0.4%
Monroe	1,046	0.3%
Union	1,020	0.3%
Mason	1,015	0.3%
Rockcastle	999	0.3%
Jackson	984	0.3%
Harrison	972	0.3%
Caldwell	970	0.3%
Clinton	954	0.3%
Washington	953	0.3%
Lawrence	925	0.3%
Henry	912	0.3%
Larue	902	0.3%
Butler	899	0.3%
Lewis	887	0.3%
Webster	876	0.3%
Casey	868	0.3%
Elliott	847	0.3%
Fleming	819	0.3%
Todd	815	0.3%
Green	807	0.3%
Knott	798	0.3%
Breckinridge	782	0.3%
Powell	761	0.3%

County	Cases	Percent
Trigg	749	0.2%
Magoffin	746	0.2%
Estill	732	0.2%
Martin	731	0.2%
Breathitt	715	0.2%
Metcalfe	675	0.2%
Pendleton	672	0.2%
Carroll	664	0.2%
McLean	635	0.2%
Edmonson	599	0.2%
Bath	587	0.2%
Hancock	566	0.2%
Leslie	558	0.2%
Livingston	539	0.2%
Cumberland	476	0.2%
Gallatin	475	0.2%
Owen	462	0.2%
Crittenden	437	0.1%
Trimble	430	0.1%
Fulton	388	0.1%
Carlisle	366	0.1%
Lyon	351	0.1%
Nicholas	346	0.1%
Owsley	344	0.1%
Bracken	339	0.1%
Wolfe	338	0.1%
Ballard	261	0.1%
Menifee	250	0.1%
Hickman	231	0.1%
Robertson	165	0.1%

Total Cases  
300,398

## New Cases by County

County	Cases	Percent
Jefferson	496	11.7%
Fayette	279	6.6%
Morgan	217	5.1%
Warren	174	4.1%
Kenton	161	3.8%
Clay	142	3.3%
Boone	124	2.9%
Daviess	115	2.7%
Oldham	115	2.7%
Henderson	94	2.2%
Hardin	83	2.0%
Laurel	83	2.0%
Christian	78	1.8%
Boyle	65	1.5%
Campbell	56	1.3%
Pike	56	1.3%
Madison	52	1.2%
Nelson	52	1.2%
Pulaski	51	1.2%
Boyd	49	1.2%
Barren	48	1.1%
McCracken	48	1.1%
Hopkins	47	1.1%
Clark	46	1.1%
Caldwell	44	1.0%
Bullitt	42	1.0%
Franklin	39	0.9%
Ohio	39	0.9%
Taylor	37	0.9%
Shelby	35	0.8%

County	Cases	Percent
Greenup	33	0.8%
Harrison	32	0.8%
Calloway	31	0.7%
Graves	31	0.7%
Harlan	31	0.7%
Montgomery	31	0.7%
Floyd	29	0.7%
Whitley	29	0.7%
Jackson	28	0.7%
Marion	28	0.7%
Bell	27	0.6%
Letcher	27	0.6%
Rowan	27	0.6%
Bath	25	0.6%
Scott	25	0.6%
Allen	24	0.6%
Bracken	24	0.6%
Hart	23	0.5%
Knox	23	0.5%
Woodford	23	0.5%
Jessamine	22	0.5%
Muhlenberg	22	0.5%
Mercer	21	0.5%
Russell	20	0.5%
Todd	20	0.5%
Johnson	19	0.4%
Lincoln	18	0.4%
Simpson	18	0.4%
Carroll	16	0.4%
Crittenden	16	0.4%

County	Cases	Percent
Hancock	16	0.4%
Marshall	16	0.4%
Webster	16	0.4%
Grant	15	0.4%
Logan	15	0.4%
Trigg	15	0.4%
Anderson	14	0.3%
Breckinridge	14	0.3%
Carter	14	0.3%
Garrard	14	0.3%
Powell	14	0.3%
Union	14	0.3%
Adair	13	0.3%
Bourbon	13	0.3%
Breathitt	13	0.3%
Grayson	13	0.3%
Lawrence	13	0.3%
Henry	12	0.3%
Livingston	12	0.3%
Rockcastle	12	0.3%
Washington	12	0.3%
McLean	11	0.3%
Magoffin	11	0.3%
Meade	11	0.3%
Metcalfe	11	0.3%
Pendleton	11	0.3%
Spencer	11	0.3%
Clinton	10	0.2%
Mason	10	0.2%
Owen	10	0.2%

County	Cases	Percent
Butler	9	0.2%
Casey	9	0.2%
Monroe	9	0.2%
Wayne	9	0.2%
Larue	8	0.2%
Lewis	8	0.2%
Perry	8	0.2%
Edmonson	7	0.2%
Fleming	7	0.2%
Gallatin	7	0.2%
Cumberland	6	0.1%
Leslie	6	0.1%
Martin	6	0.1%
Nicholas	6	0.1%
Green	5	0.1%
Wolfe	5	0.1%
Estill	4	0.1%
Ballard	3	0.1%
Knott	3	0.1%
Lyon	3	0.1%
McCreary	3	0.1%
Trimble	3	0.1%
Carlisle	2	0.0%
Elliott	2	0.0%
Owsley	2	0.0%
Hickman	1	0.0%
Lee	1	0.0%
Menifee	1	0.0%
Robertson	1	0.0%
Fulton	0	0.0%

Total New Cases  
4,240

## Total Deaths by County

County	Deaths	Percent
Jefferson	557	19.4%
Fayette	159	5.5%
Hopkins	93	3.2%
Warren	84	2.9%
Kenton	78	2.7%
Daviess	76	2.6%
Christian	56	1.9%
Graves	51	1.8%
Pulaski	48	1.7%
Jessamine	47	1.6%
Oldham	47	1.6%
Henderson	46	1.6%
McCracken	46	1.6%
Boone	45	1.6%
Hardin	44	1.5%
Logan	40	1.4%
Madison	40	1.4%
Adair	39	1.4%
Pike	39	1.4%
Barren	35	1.2%
Grayson	35	1.2%
Campbell	34	1.2%
Boyd	31	1.1%
Bullitt	31	1.1%
Muhlenberg	30	1.0%
Calloway	29	1.0%
Russell	29	1.0%
Shelby	29	1.0%
Bell	28	1.0%
Monroe	28	1.0%

County	Deaths	Percent
Lincoln	27	0.9%
Ohio	27	0.9%
Casey	26	0.9%
Lewis	26	0.9%
Harlan	25	0.9%
Marshall	25	0.9%
Scott	23	0.8%
Mason	22	0.8%
Franklin	21	0.7%
Jackson	21	0.7%
McLean	20	0.7%
Marion	20	0.7%
Greenup	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%
Wayne	12	0.4%
Webster	12	0.4%
Gallatin	11	0.4%
Green	11	0.4%
Hancock	11	0.4%
Carter	10	0.3%
Grant	10	0.3%
Knox	10	0.3%
Martin	10	0.3%
Owsley	10	0.3%
Whitley	10	0.3%
Bath	9	0.3%
Clay	9	0.3%
Hart	9	0.3%
Rockcastle	9	0.3%
Union	9	0.3%
Mercer	8	0.3%
Carroll	7	0.2%
Hickman	7	0.2%
Lyon	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
Anderson	4	0.1%
Fulton	4	0.1%
Garrard	4	0.1%
Henry	4	0.1%
Larue	4	0.1%
McCreary	4	0.1%
Meade	4	0.1%
Wolfe	4	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%
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  
2,876

## Incidence Rates by County

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

County	Rate
Morgan	604.3
Clay	176.6
Carroll	161.3
Hancock	150.7
Clinton	135.6
Boyd	135.5
Cumberland	133.9
Harrison	129.3
Ohio	125.0
Harlan	124.1
Webster	123.6
Jackson	116.8
Mercer	115.9
McLean	114.8
Warren	114.7
Boyle	113.1
Graves	109.6
Oldham	107.6
Laurel	106.9
Whitley	105.2
Daviess	104.8
Henderson	104.3
Wayne	104.0
Nicholas	102.2
Monroe	99.3
Todd	98.8
Nelson	98.6
Lawrence	96.1
Knox	94.5
Johnson	94.0

County	Rate
Marshall	93.2
Anderson	92.9
Hopkins	91.4
Muhlenberg	90.5
Christian	90.4
Letcher	88.8
Floyd	88.7
Leslie	88.2
Robertson	88.1
Greenup	87.5
Simpson	86.2
Marion	86.0
Allen	85.8
Bell	85.1
Boone	84.5
Kenton	83.5
Butler	83.2
Clark	83.1
Rockcastle	82.1
Taylor	81.5
Metcalfe	79.4
Pike	78.0
Martin	77.8
Owsley	77.7
Calloway	76.9
Fayette	76.2
Rowan	75.9
Logan	75.9
McCreary	74.6
Bracken	74.0

County	Rate
Garrard	72.8
Hardin	72.6
Trimble	72.5
Breathitt	72.4
Campbell	71.7
Breckinridge	71.2
Washington	70.9
Pulaski	70.8
Jefferson	69.6
Bourbon	69.3
Caldwell	67.2
Bullitt	64.9
Woodford	64.7
Madison	64.5
Barren	64.2
Green	64.0
Wolfe	63.9
Edmonson	63.5
Hart	63.0
Carlisle	63.0
Powell	61.3
Scott	60.9
Grayson	60.5
Spencer	59.8
Larue	59.5
Jessamine	58.6
Shelby	58.6
Henry	58.5
Lincoln	57.0
Gallatin	56.4

County	Rate
Meade	55.5
Russell	55.0
Perry	54.9
Fleming	54.9
Pendleton	54.8
Union	54.6
Montgomery	54.3
Franklin	52.7
McCracken	50.4
Livingston	49.7
Crittenden	48.7
Grant	48.4
Lewis	48.4
Bath	45.7
Adair	44.6
Magoffin	43.5
Trigg	42.9
Lee	42.5
Mason	41.0
Fulton	40.7
Owen	40.6
Carter	40.5
Elliott	39.9
Knott	38.6
Ballard	38.0
Casey	34.5
Estill	34.4
Menifee	33.0
Lyon	22.6
Hickman	16.3

Current Overall Incidence Rate  
80.28 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.