

# KY COVID-19 Report

## 02FEB21

### Daily Summary

Measure	Total	Confirmed	Probable
Cases	366,938	286,537	80,401
Deaths	3,812	3,478	334
New Cases	2,443	1,404	1,039
New Cases 18 and Under	398	207	191
New Deaths	32	28	4

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

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
14,928	4.1%	0-9	0.0%	1
37,621	10.3%	10-19	0.0%	1
67,028	18.3%	20-29	0.0%	1
56,440	15.4%	30-39	0.6%	24
55,282	15.1%	40-49	1.7%	63
53,173	14.5%	50-59	5.8%	220
41,056	11.2%	60-69	16.8%	641
24,928	6.8%	70-79	27.1%	1,034
16,306	4.4%	80+	47.9%	1,827
176	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
712	0.3%	American Indian	0.1%	3
3,269	1.2%	Asian	0.6%	20
23,987	8.5%	Black	8.8%	306
329	0.1%	Pacific Islander	0.0%	1
240,019	85.0%	White	87.8%	3,069
14,118	5.0%	Multiracial	2.7%	95

Cases	Case Percent	Ethnicity	Death Percent	Deaths
15,801	5.7%	Hispanic	1.8%	62
260,476	94.3%	Non-Hispanic	98.2%	3,295

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
 Race known for 77.0% of cases and 91.7% of deaths  
 Ethnicity known for 75.3% of cases and 88.1% of deaths

### Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	44,127	12.0%
Deaths	2,270	59.5%

### Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
7,263	82,253	8.83%

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
4,083,889	3,626,864	108,556	348,469	269,952	230,294	8,653	31,005

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	16,814	4.58%
Ever ICU	3,584	0.98%
Recovered	43,714	11.91%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,335
ICU	373
On Ventilator	172

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,409	4,881	63.3%
ICU Beds	1,209	594	67.1%
Ventilators	621	1,148	35.1%

## 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	67	15	9	8.5%	14.7%	9.1%	54.42%	58.82%	20.20%
Region 2	78	20	11	9.5%	16.4%	12.8%	58.50%	56.56%	36.05%
Region 3	413	115	66	10.8%	22.1%	15.1%	63.36%	62.96%	39.82%
Region 4	93	30	5	10.9%	27.8%	4.2%	54.93%	82.41%	21.85%
Region 5	241	60	36	8.7%	14.4%	7.4%	69.80%	68.51%	43.21%
Region 6	147	44	14	11.5%	25.1%	12.6%	76.29%	61.71%	59.46%
Region 7	54	8	4	8.6%	12.5%	3.3%	65.39%	78.13%	13.33%
Region 8	127	38	16	10.6%	27.9%	10.6%	55.22%	85.29%	26.49%
Region 9	82	29	7	12.3%	25.4%	7.0%	56.01%	52.63%	21.00%
Region 10	33	14	4	7.0%	31.1%	6.7%	55.27%	97.78%	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	66,792	18.2%
Fayette	30,009	8.2%
Warren	13,438	3.7%
Kenton	13,035	3.6%
Boone	10,959	3.0%
Daviess	8,730	2.4%
Hardin	8,035	2.2%
Madison	7,774	2.1%
Campbell	6,841	1.9%
Oldham	6,469	1.8%
Christian	5,772	1.6%
Bullitt	5,570	1.5%
McCracken	5,299	1.4%
Laurel	5,229	1.4%
Pulaski	5,186	1.4%
Pike	4,620	1.3%
Boyd	4,298	1.2%
Nelson	4,150	1.1%
Henderson	4,026	1.1%
Shelby	3,943	1.1%
Whitley	3,743	1.0%
Jessamine	3,707	1.0%
Graves	3,703	1.0%
Hopkins	3,614	1.0%
Barren	3,533	1.0%
Scott	3,521	1.0%
Franklin	3,257	0.9%
Calloway	3,245	0.9%
Greenup	3,103	0.8%
Boyle	2,981	0.8%

County	Cases	Percent
Floyd	2,755	0.8%
Knox	2,642	0.7%
Muhlenberg	2,564	0.7%
Bell	2,438	0.7%
Taylor	2,328	0.6%
Marshall	2,257	0.6%
Harlan	2,253	0.6%
Logan	2,230	0.6%
Clay	2,223	0.6%
Mercer	2,183	0.6%
Clark	2,179	0.6%
Ohio	2,106	0.6%
Perry	2,015	0.5%
Montgomery	1,992	0.5%
Marion	1,931	0.5%
Lincoln	1,922	0.5%
Morgan	1,917	0.5%
Carter	1,849	0.5%
Wayne	1,841	0.5%
Woodford	1,779	0.5%
Grayson	1,763	0.5%
Rowan	1,749	0.5%
Grant	1,716	0.5%
Meade	1,686	0.5%
Hart	1,655	0.5%
Johnson	1,583	0.4%
Allen	1,579	0.4%
Simpson	1,529	0.4%
Letcher	1,511	0.4%
McCreary	1,494	0.4%

County	Cases	Percent
Anderson	1,476	0.4%
Adair	1,451	0.4%
Bourbon	1,416	0.4%
Russell	1,407	0.4%
Harrison	1,367	0.4%
Spencer	1,330	0.4%
Garrard	1,283	0.3%
Mason	1,260	0.3%
Clinton	1,238	0.3%
Rockcastle	1,215	0.3%
Union	1,205	0.3%
Washington	1,182	0.3%
Caldwell	1,181	0.3%
Monroe	1,177	0.3%
Butler	1,176	0.3%
Lee	1,134	0.3%
Jackson	1,114	0.3%
Henry	1,091	0.3%
Lawrence	1,089	0.3%
Casey	1,086	0.3%
Larue	1,072	0.3%
Webster	1,052	0.3%
Lewis	1,018	0.3%
Fleming	1,006	0.3%
Breckinridge	1,003	0.3%
Trigg	983	0.3%
Green	978	0.3%
Todd	949	0.3%
Elliott	906	0.2%
Powell	900	0.2%

County	Cases	Percent
Knott	897	0.2%
Estill	896	0.2%
Martin	868	0.2%
Pendleton	848	0.2%
Breathitt	839	0.2%
Carroll	819	0.2%
Metcalfe	816	0.2%
Magoffin	813	0.2%
McLean	785	0.2%
Hancock	738	0.2%
Edmonson	734	0.2%
Bath	702	0.2%
Leslie	700	0.2%
Livingston	658	0.2%
Cumberland	604	0.2%
Gallatin	585	0.2%
Owen	571	0.2%
Trimble	527	0.1%
Crittenden	515	0.1%
Bracken	452	0.1%
Fulton	444	0.1%
Lyon	423	0.1%
Nicholas	423	0.1%
Carlisle	408	0.1%
Wolfe	390	0.1%
Owsley	365	0.1%
Menifee	336	0.1%
Ballard	313	0.1%
Hickman	284	0.1%
Robertson	180	0.0%

Total Cases  
366,938

## New Cases by County

County	Cases	Percent
Jefferson	349	14.3%
Boone	144	5.9%
Fayette	140	5.7%
Kenton	132	5.4%
Madison	81	3.3%
Campbell	78	3.2%
Laurel	77	3.2%
Warren	77	3.2%
Daviess	75	3.1%
Pike	49	2.0%
Knox	47	1.9%
McCracken	45	1.8%
Hopkins	40	1.6%
Whitley	40	1.6%
Hardin	39	1.6%
Nelson	37	1.5%
Pulaski	37	1.5%
Jessamine	29	1.2%
Franklin	27	1.1%
Mercer	27	1.1%
Anderson	26	1.1%
Christian	26	1.1%
Taylor	26	1.1%
Barren	25	1.0%
Allen	23	0.9%
Grant	23	0.9%
Scott	23	0.9%
Clark	22	0.9%
Montgomery	22	0.9%
Johnson	21	0.9%

County	Cases	Percent
Bullitt	19	0.8%
Harlan	19	0.8%
Clay	18	0.7%
Ohio	18	0.7%
McCreary	17	0.7%
Pendleton	17	0.7%
Boyd	16	0.7%
Henderson	16	0.7%
Logan	16	0.7%
Monroe	16	0.7%
Oldham	15	0.6%
Grayson	14	0.6%
Russell	14	0.6%
Letcher	13	0.5%
Calloway	12	0.5%
Wayne	12	0.5%
Boyle	11	0.5%
Edmonson	11	0.5%
Floyd	11	0.5%
Perry	11	0.5%
Woodford	11	0.5%
Bourbon	10	0.4%
Butler	10	0.4%
Martin	10	0.4%
Rowan	10	0.4%
Carter	9	0.4%
Casey	9	0.4%
Gallatin	9	0.4%
Lawrence	9	0.4%
Fleming	8	0.3%

County	Cases	Percent
Harrison	8	0.3%
Hart	8	0.3%
Meade	8	0.3%
Muhlenberg	8	0.3%
Washington	8	0.3%
Caldwell	7	0.3%
Garrard	7	0.3%
Marshall	7	0.3%
Morgan	7	0.3%
Rockcastle	7	0.3%
Shelby	7	0.3%
Adair	6	0.2%
Clinton	6	0.2%
Graves	6	0.2%
Greenup	6	0.2%
Jackson	6	0.2%
Larue	6	0.2%
Lincoln	6	0.2%
Livingston	6	0.2%
Marion	6	0.2%
Owen	6	0.2%
Powell	6	0.2%
Simpson	6	0.2%
Bracken	5	0.2%
Breckinridge	5	0.2%
Magoffin	5	0.2%
Trigg	5	0.2%
Union	5	0.2%
Ballard	4	0.2%
Crittenden	4	0.2%

County	Cases	Percent
Cumberland	4	0.2%
Elliott	4	0.2%
Lee	4	0.2%
Spencer	4	0.2%
Breathitt	3	0.1%
Hancock	3	0.1%
Knott	3	0.1%
Leslie	3	0.1%
Mason	3	0.1%
Metcalfe	3	0.1%
Webster	3	0.1%
Wolfe	3	0.1%
Bell	2	0.1%
Carlisle	2	0.1%
Carroll	2	0.1%
Green	2	0.1%
Menifee	2	0.1%
Todd	2	0.1%
Bath	1	0.0%
Henry	1	0.0%
McLean	1	0.0%
Owsley	1	0.0%
Robertson	1	0.0%
Trimble	1	0.0%
Estill	0	0.0%
Fulton	0	0.0%
Hickman	0	0.0%
Lewis	0	0.0%
Lyon	0	0.0%
Nicholas	0	0.0%

Total New Cases  
2,443

Total Deaths by County

County	Deaths	Percent
Jefferson	707	18.5%
Fayette	187	4.9%
Daviess	145	3.8%
Hopkins	113	3.0%
Warren	106	2.8%
Kenton	96	2.5%
Hardin	72	1.9%
Christian	71	1.9%
Pulaski	67	1.8%
Oldham	66	1.7%
Graves	63	1.7%
Madison	57	1.5%
McCracken	56	1.5%
Boone	55	1.4%
Harlan	55	1.4%
Henderson	55	1.4%
Adair	48	1.3%
Jessamine	48	1.3%
Logan	46	1.2%
Pike	46	1.2%
Grayson	44	1.2%
Muhlenberg	42	1.1%
Ohio	41	1.1%
Campbell	40	1.0%
Barren	39	1.0%
Bullitt	39	1.0%
Monroe	36	0.9%
Boyd	35	0.9%
Marshall	35	0.9%
Calloway	34	0.9%

County	Deaths	Percent
Russell	34	0.9%
Shelby	33	0.9%
Bell	32	0.8%
Lewis	30	0.8%
Lincoln	30	0.8%
Casey	29	0.8%
Wayne	28	0.7%
Jackson	27	0.7%
Taylor	27	0.7%
Boyle	26	0.7%
Mason	26	0.7%
Nelson	25	0.7%
Perry	25	0.7%
Clay	24	0.6%
Franklin	24	0.6%
McLean	24	0.6%
Scott	24	0.6%
Clinton	23	0.6%
Greenup	23	0.6%
Washington	23	0.6%
Hart	22	0.6%
Allen	21	0.6%
Caldwell	21	0.6%
Marion	21	0.6%
Montgomery	21	0.6%
Simpson	21	0.6%
Carter	20	0.5%
Floyd	20	0.5%
Todd	20	0.5%
Butler	18	0.5%

County	Deaths	Percent
Johnson	18	0.5%
Laurel	18	0.5%
Lee	18	0.5%
Webster	17	0.4%
Clark	16	0.4%
Gallatin	16	0.4%
Livingston	16	0.4%
Crittenden	15	0.4%
Edmonson	15	0.4%
McCreary	15	0.4%
Bath	14	0.4%
Knott	14	0.4%
Mercer	14	0.4%
Whitley	14	0.4%
Green	13	0.3%
Hancock	13	0.3%
Metcalfe	13	0.3%
Anderson	12	0.3%
Fleming	12	0.3%
Grant	12	0.3%
Lyon	12	0.3%
Rockcastle	12	0.3%
Knox	11	0.3%
Lawrence	11	0.3%
Martin	11	0.3%
Union	11	0.3%
Carroll	10	0.3%
Menifee	10	0.3%
Owsley	10	0.3%
Robertson	10	0.3%

County	Deaths	Percent
Larue	8	0.2%
Rowan	8	0.2%
Cumberland	7	0.2%
Hickman	7	0.2%
Meade	7	0.2%
Owen	7	0.2%
Trigg	7	0.2%
Harrison	6	0.2%
Henry	6	0.2%
Letcher	6	0.2%
Bourbon	5	0.1%
Breckinridge	5	0.1%
Nicholas	5	0.1%
Spencer	5	0.1%
Fulton	4	0.1%
Garrard	4	0.1%
Wolfe	4	0.1%
Woodford	4	0.1%
Ballard	3	0.1%
Bracken	3	0.1%
Breathitt	3	0.1%
Trimble	3	0.1%
Leslie	2	0.1%
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  
3,812

## Incidence Rates by County

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

County	Rate
Morgan	127.7
Butler	84.3
McCreary	83.7
Daviess	83.5
Taylor	79.8
Knox	76.6
Metcalfe	76.6
Edmonson	74.1
Cumberland	71.3
Floyd	71.0
Caldwell	69.5
Whitley	69.3
Nelson	69.2
Pike	68.4
Washington	66.1
Hart	66.0
McLean	65.2
Madison	65.0
Barren	64.2
Anderson	63.4
Laurel	62.7
Calloway	60.4
Monroe	60.4
Franklin	59.4
Grant	58.7
Kenton	56.4
Boyd	56.0
Clinton	55.9
Johnson	54.7
Henderson	54.3

County	Rate
Boone	54.3
Allen	54.3
Campbell	54.0
Hopkins	53.1
Bourbon	52.7
Marion	52.6
Larue	52.6
Jessamine	52.5
Hancock	52.4
Graves	51.8
Clay	51.0
Pulaski	50.1
Harrison	49.9
Fayette	49.9
Logan	49.5
Grayson	49.2
Russell	48.6
Pendleton	48.0
Casey	47.7
Harlan	47.2
Martin	47.2
Ohio	47.0
Fleming	47.0
Warren	46.7
Shelby	45.8
Henry	44.3
Bullitt	44.3
Meade	43.5
Carter	43.2
Union	42.7

County	Rate
Powell	41.6
Bell	41.2
Simpson	40.8
Fulton	40.7
Owen	40.6
Greenup	40.3
Jefferson	40.1
Spencer	39.9
Garrard	39.6
Mason	39.3
Woodford	39.0
Livingston	38.8
Gallatin	38.7
Oldham	38.3
Muhlenberg	37.8
Marshall	37.7
Leslie	37.6
Lawrence	37.3
Hardin	36.7
Green	36.6
Lyon	36.5
Estill	36.5
Scott	35.6
Mercer	35.2
Trigg	35.1
Christian	34.7
Bracken	34.4
Webster	34.2
Wolfe	33.9
Boyle	33.7

County	Rate
Wayne	33.7
Rockcastle	33.4
Letcher	33.1
Menifee	33.0
Breathitt	32.8
Perry	32.7
Carroll	32.3
McCracken	32.1
Lincoln	32.0
Rowan	31.5
Trimble	30.4
Hickman	29.4
Adair	29.0
Breckinridge	27.9
Robertson	27.1
Lewis	26.9
Todd	26.7
Jackson	25.7
Nicholas	25.5
Crittenden	22.7
Montgomery	21.3
Magoffin	21.1
Carlisle	21.0
Clark	20.5
Lee	17.4
Bath	14.9
Knott	14.5
Owsley	9.7
Ballard	5.4
Elliott	1.9

Current Overall Incidence Rate  
47.71 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.