

# KY COVID-19 Report 30DEC20

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	265,262	213,256	52,006
Deaths	2,623	2,446	177
New Cases	3,784	2,710	1,074
New Cases 18 and Under	398	261	137
New Deaths	29	22	7

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

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
10,351	3.9%	0-9	0.0%	1
26,844	10.1%	10-19	0.0%	1
48,789	18.4%	20-29	0.0%	1
40,307	15.2%	30-39	0.7%	18
39,510	14.9%	40-49	1.6%	43
38,086	14.4%	50-59	5.9%	154
29,830	11.2%	60-69	16.5%	432
18,481	7.0%	70-79	26.2%	686
12,912	4.9%	80+	49.1%	1,287
152	0.1%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
531	0.3%	American Indian	0.1%	2
2,524	1.3%	Asian	0.7%	17
18,620	9.4%	Black	9.7%	234
173	0.1%	Pacific Islander	0.0%	1
165,180	83.8%	White	86.8%	2,091
10,117	5.1%	Multiracial	2.7%	64

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,898	5.2%	Hispanic	2.2%	51
181,303	94.8%	Non-Hispanic	97.8%	2,258

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 74.3% of cases and 91.8% of deaths  
Ethnicity known for 72.1% of cases and 88.0% of deaths

## Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	35,614	13.4%
Deaths	1,895	72.2%

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
8,386	92,265	9.09%

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
3,414,879	3,148,606	101,804	164,469	206,122	182,341	6,863	16,918

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	13,488	5.08%
Ever ICU	3,045	1.15%
Recovered	36,740	13.85%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,673
ICU	433
On Ventilator	234

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,568	4,689	64.6%
ICU Beds	1,182	621	65.6%
Ventilators	628	1,162	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	90	29	18	11.4%	28.4%	18.2%	61.74%	67.65%	22.22%
Region 2	116	33	28	14.1%	27.0%	34.1%	51.21%	41.80%	43.90%
Region 3	506	109	63	13.3%	20.9%	14.4%	63.80%	64.68%	37.99%
Region 4	88	32	16	10.3%	29.6%	14.0%	54.11%	86.11%	26.32%
Region 5	275	70	41	10.0%	16.8%	7.9%	71.18%	66.59%	39.35%
Region 6	159	36	17	12.6%	20.6%	15.3%	78.22%	52.57%	56.76%
Region 7	113	14	3	18.0%	21.9%	2.5%	66.51%	62.50%	9.09%
Region 8	156	60	28	13.0%	44.1%	19.2%	58.73%	85.29%	39.04%
Region 9	116	28	12	17.4%	24.6%	12.1%	57.06%	56.14%	20.20%
Region 10	54	22	8	11.4%	48.9%	13.3%	67.30%	95.56%	30.00%

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	50,804	19.2%
Fayette	23,078	8.7%
Warren	10,105	3.8%
Kenton	8,747	3.3%
Boone	7,521	2.8%
Hardin	5,949	2.2%
Daviess	5,737	2.2%
Madison	5,706	2.2%
Campbell	4,513	1.7%
McCracken	4,265	1.6%
Christian	4,258	1.6%
Bullitt	4,134	1.6%
Oldham	3,737	1.4%
Pulaski	3,699	1.4%
Laurel	3,645	1.4%
Boyd	3,003	1.1%
Shelby	2,989	1.1%
Henderson	2,939	1.1%
Pike	2,923	1.1%
Nelson	2,855	1.1%
Whitley	2,741	1.0%
Graves	2,632	1.0%
Hopkins	2,623	1.0%
Jessamine	2,598	1.0%
Barren	2,536	1.0%
Scott	2,457	0.9%
Calloway	2,344	0.9%
Greenup	2,275	0.9%
Boyle	2,162	0.8%
Franklin	2,132	0.8%

County	Cases	Percent
Muhlenberg	1,920	0.7%
Floyd	1,805	0.7%
Bell	1,787	0.7%
Knox	1,763	0.7%
Taylor	1,723	0.6%
Logan	1,695	0.6%
Clay	1,623	0.6%
Marshall	1,558	0.6%
Perry	1,552	0.6%
Harlan	1,538	0.6%
Marion	1,510	0.6%
Ohio	1,473	0.6%
Clark	1,452	0.5%
Lincoln	1,443	0.5%
Montgomery	1,378	0.5%
Mercer	1,365	0.5%
Carter	1,363	0.5%
Wayne	1,309	0.5%
Grayson	1,295	0.5%
Woodford	1,253	0.5%
Grant	1,238	0.5%
Hart	1,229	0.5%
Rowan	1,214	0.5%
Adair	1,202	0.5%
Simpson	1,183	0.4%
Allen	1,153	0.4%
Meade	1,133	0.4%
Johnson	1,120	0.4%
Russell	1,099	0.4%
McCreary	1,089	0.4%

County	Cases	Percent
Lee	1,043	0.4%
Letcher	1,027	0.4%
Spencer	987	0.4%
Anderson	971	0.4%
Union	954	0.4%
Monroe	945	0.4%
Garrard	940	0.4%
Bourbon	926	0.3%
Mason	920	0.3%
Caldwell	869	0.3%
Washington	869	0.3%
Jackson	846	0.3%
Rockcastle	842	0.3%
Clinton	839	0.3%
Casey	826	0.3%
Larue	816	0.3%
Henry	814	0.3%
Butler	789	0.3%
Elliott	784	0.3%
Lewis	775	0.3%
Lawrence	758	0.3%
Green	750	0.3%
Webster	741	0.3%
Knott	738	0.3%
Harrison	729	0.3%
Fleming	711	0.3%
Magoffin	701	0.3%
Powell	686	0.3%
Todd	686	0.3%
Estill	670	0.3%

County	Cases	Percent
Breckinridge	658	0.2%
Trigg	658	0.2%
Martin	657	0.2%
Pendleton	612	0.2%
Metcalfe	601	0.2%
Breathitt	597	0.2%
McLean	550	0.2%
Edmonson	537	0.2%
Carroll	527	0.2%
Morgan	518	0.2%
Bath	505	0.2%
Livingston	488	0.2%
Leslie	471	0.2%
Hancock	447	0.2%
Owen	428	0.2%
Gallatin	426	0.2%
Cumberland	394	0.1%
Trimble	373	0.1%
Fulton	363	0.1%
Crittenden	336	0.1%
Carlisle	328	0.1%
Lyon	320	0.1%
Owsley	304	0.1%
Wolfe	300	0.1%
Bracken	275	0.1%
Nicholas	255	0.1%
Ballard	233	0.1%
Hickman	223	0.1%
Menifee	215	0.1%
Robertson	138	0.1%

Total Cases  
265,262

## New Cases by County

County	Cases	Percent
Jefferson	527	13.9%
Fayette	259	6.8%
Kenton	141	3.7%
Hardin	125	3.3%
Pulaski	104	2.7%
Christian	101	2.7%
Laurel	99	2.6%
Boone	97	2.6%
Warren	96	2.5%
Daviess	91	2.4%
Boyle	87	2.3%
Pike	75	2.0%
Oldham	74	2.0%
Bullitt	65	1.7%
Clay	57	1.5%
Greenup	57	1.5%
Boyd	55	1.5%
Bourbon	50	1.3%
Campbell	48	1.3%
Hopkins	48	1.3%
Whitley	48	1.3%
Bell	41	1.1%
McCracken	40	1.1%
Madison	38	1.0%
Graves	34	0.9%
Harlan	33	0.9%
Knox	32	0.8%
Nelson	32	0.8%
Fleming	31	0.8%
Marshall	29	0.8%

County	Cases	Percent
Meade	29	0.8%
Montgomery	29	0.8%
Muhlenberg	29	0.8%
Carter	28	0.7%
Franklin	28	0.7%
Jessamine	28	0.7%
Allen	27	0.7%
Clinton	27	0.7%
Taylor	27	0.7%
Calloway	26	0.7%
Lawrence	26	0.7%
Mason	26	0.7%
Henderson	25	0.7%
Shelby	25	0.7%
Anderson	24	0.6%
Scott	24	0.6%
Floyd	23	0.6%
Grayson	23	0.6%
Lincoln	23	0.6%
Wayne	23	0.6%
Breckinridge	22	0.6%
Woodford	22	0.6%
Clark	21	0.6%
Butler	18	0.5%
Johnson	18	0.5%
Perry	18	0.5%
Rockcastle	18	0.5%
Rowan	18	0.5%
Todd	18	0.5%
Logan	17	0.4%

County	Cases	Percent
Ohio	17	0.4%
Barren	15	0.4%
Hancock	15	0.4%
Larue	15	0.4%
Breathitt	14	0.4%
Garrard	14	0.4%
Russell	14	0.4%
Webster	14	0.4%
Henry	13	0.3%
Knott	13	0.3%
Lewis	13	0.3%
Mercer	13	0.3%
Simpson	13	0.3%
Spencer	13	0.3%
Carroll	12	0.3%
Hart	12	0.3%
Jackson	12	0.3%
McCreary	12	0.3%
Monroe	12	0.3%
Metcalfe	11	0.3%
Estill	10	0.3%
Grant	10	0.3%
Marion	10	0.3%
Carlisle	9	0.2%
McLean	9	0.2%
Menifee	9	0.2%
Union	9	0.2%
Washington	9	0.2%
Adair	8	0.2%
Harrison	8	0.2%

County	Cases	Percent
Pendleton	8	0.2%
Cumberland	7	0.2%
Edmonson	7	0.2%
Green	7	0.2%
Martin	7	0.2%
Trigg	6	0.2%
Elliott	5	0.1%
Leslie	5	0.1%
Nicholas	5	0.1%
Owen	5	0.1%
Fulton	4	0.1%
Letcher	4	0.1%
Morgan	4	0.1%
Caldwell	3	0.1%
Casey	3	0.1%
Crittenden	3	0.1%
Trimble	3	0.1%
Bath	2	0.1%
Bracken	2	0.1%
Gallatin	2	0.1%
Livingston	2	0.1%
Magoffin	2	0.1%
Ballard	1	0.0%
Lee	1	0.0%
Lyon	1	0.0%
Owsley	1	0.0%
Powell	1	0.0%
Robertson	1	0.0%
Hickman	0	0.0%
Wolfe	0	0.0%

Total New Cases  
3,784

## Total Deaths by County

County	Deaths	Percent
Jefferson	530	20.2%
Fayette	143	5.5%
Warren	84	3.2%
Hopkins	79	3.0%
Daviess	74	2.8%
Kenton	66	2.5%
Christian	51	1.9%
Oldham	48	1.8%
Graves	47	1.8%
Jessamine	46	1.8%
Henderson	45	1.7%
Hardin	42	1.6%
McCracken	41	1.6%
Adair	39	1.5%
Logan	39	1.5%
Boone	38	1.4%
Barren	35	1.3%
Madison	35	1.3%
Pike	34	1.3%
Pulaski	33	1.3%
Grayson	32	1.2%
Boyd	31	1.2%
Bullitt	30	1.1%
Muhlenberg	28	1.1%
Shelby	28	1.1%
Bell	26	1.0%
Monroe	26	1.0%
Ohio	26	1.0%
Calloway	25	1.0%
Campbell	24	0.9%

County	Deaths	Percent
Casey	23	0.9%
Lewis	23	0.9%
Lincoln	23	0.9%
Russell	23	0.9%
Scott	23	0.9%
McLean	20	0.8%
Marion	20	0.8%
Marshall	20	0.8%
Franklin	19	0.7%
Greenup	19	0.7%
Jackson	19	0.7%
Harlan	18	0.7%
Lee	18	0.7%
Allen	17	0.6%
Mason	17	0.6%
Nelson	17	0.6%
Butler	16	0.6%
Taylor	16	0.6%
Todd	16	0.6%
Caldwell	15	0.6%
Clark	15	0.6%
Clinton	15	0.6%
Floyd	15	0.6%
Johnson	15	0.6%
Perry	15	0.6%
Knott	14	0.5%
Laurel	14	0.5%
Edmonson	13	0.5%
Montgomery	12	0.5%
Webster	12	0.5%

County	Deaths	Percent
Hancock	11	0.4%
Green	10	0.4%
Knox	10	0.4%
Martin	10	0.4%
Owsley	10	0.4%
Simpson	10	0.4%
Gallatin	9	0.3%
Hart	9	0.3%
Union	9	0.3%
Washington	9	0.3%
Whitley	9	0.3%
Bath	8	0.3%
Clay	8	0.3%
Rockcastle	8	0.3%
Wayne	8	0.3%
Metcalfe	7	0.3%
Carroll	6	0.2%
Carter	6	0.2%
Grant	6	0.2%
Mercer	6	0.2%
Owen	6	0.2%
Breckinridge	5	0.2%
Hickman	5	0.2%
Lawrence	5	0.2%
Livingston	5	0.2%
Lyon	5	0.2%
Robertson	5	0.2%
Spencer	5	0.2%
Cumberland	4	0.2%
Fulton	4	0.2%

County	Deaths	Percent
Garrard	4	0.2%
Henry	4	0.2%
Larue	4	0.2%
Meade	4	0.2%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Letcher	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%
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%
Trimble	0	0.0%

Total Deaths  
2,623

## Incidence Rates by County

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

County	Rate
Boyle	149.2
Clinton	117.4
Carlisle	117.0
Clay	112.7
Lawrence	106.3
Wayne	90.6
Fleming	82.3
Greenup	78.6
Robertson	74.5
Bourbon	73.6
Menifee	68.2
McCreary	67.2
Letcher	66.9
Mercer	66.4
Laurel	66.2
Hancock	65.5
Knox	64.7
Warren	63.7
Graves	63.6
Pulaski	63.3
Boyd	62.4
Allen	62.3
Harlan	59.3
Anderson	59.0
Christian	57.4
Whitley	57.1
Breathitt	56.6
Bell	56.0
Simpson	55.4
Owsley	55.0

County	Rate
Muhlenberg	54.6
Henderson	54.0
Pike	53.8
Henry	53.2
Daviess	51.9
Marshall	51.0
Monroe	51.0
Todd	50.0
Carter	49.6
Elliott	49.4
Butler	48.8
Oldham	48.8
Nelson	48.5
Washington	48.4
Kenton	47.6
Calloway	46.5
Logan	46.4
Webster	46.4
Taylor	46.0
Floyd	45.4
Cumberland	45.4
Perry	44.9
Jackson	43.9
Hardin	43.6
Grayson	43.2
Union	42.7
Lincoln	42.5
Leslie	41.9
Mason	41.8
Boone	41.8

County	Rate
Hopkins	41.2
Rowan	40.3
Bullitt	39.9
Fayette	39.6
McLean	38.8
Estill	38.5
Campbell	38.3
Jefferson	38.3
Ohio	38.1
Russell	37.5
Martin	37.0
Shelby	36.7
Fulton	35.9
Garrard	35.6
Meade	34.5
Marion	34.1
McCracken	34.1
Metcalfe	34.0
Carroll	33.6
Nicholas	33.4
Woodford	33.1
Grant	33.1
Green	32.6
Madison	31.3
Powell	31.2
Lee	30.9
Knott	30.9
Rockcastle	30.8
Owen	30.1
Wolfe	29.9

County	Rate
Larue	29.8
Jessamine	29.6
Spencer	29.5
Breckinridge	29.3
Edmonson	28.2
Franklin	27.7
Pendleton	27.4
Gallatin	25.8
Clark	25.2
Montgomery	24.9
Morgan	24.7
Trigg	24.4
Harrison	24.2
Adair	23.8
Barren	22.6
Johnson	22.5
Casey	22.1
Trimble	21.9
Livingston	21.8
Scott	20.3
Hart	19.5
Ballard	18.1
Bracken	17.2
Lewis	16.1
Lyon	15.7
Magoffin	15.3
Bath	13.7
Caldwell	12.3
Crittenden	4.9
Hickman	0.0

Current Overall Incidence Rate  
44.47 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.