

# KY COVID-19 Report 18DEC21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	828,260	582,020	246,240
Deaths	11,786	10,352	1,434
New Cases	2,575	1,540	1,035
New Cases 18 and Under	581	298	283
Total New Deaths	32	28	4

Duplicates and records not meeting case criteria removed since last report: 7

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
60,037	7.2%	0-9	0.0%	2
114,574	13.8%	10-19	0.1%	9
140,321	16.9%	20-29	0.4%	44
128,589	15.5%	30-39	1.3%	151
119,252	14.4%	40-49	3.9%	458
109,441	13.2%	50-59	9.6%	1,137
81,773	9.9%	60-69	20.0%	2,363
47,390	5.7%	70-79	27.0%	3,179
26,638	3.2%	80+	37.7%	4,443
245	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,409	0.3%	American Indian	0.1%	14
6,081	0.9%	Asian	0.5%	52
53,141	7.6%	Black	7.1%	800
382	0.1%	Pacific Islander	0.1%	7
600,108	86.0%	White	89.5%	10,081
35,525	5.1%	Multiracial	2.8%	312

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,659	4.5%	Hispanic	1.5%	167
633,355	95.5%	Non-Hispanic	98.5%	10,827

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 84.2% of cases and 95.6% of deaths  
Ethnicity known for 80.0% of cases and 93.3% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
8,883	99,551	8.92%

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
11,053,669	8,062,646	404,529	2,308,678	1,005,016	683,889	54,560	266,567

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,245	4.13%
Ever ICU	6,584	0.79%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,237
ICU	317
On Ventilator	164

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,464	3,688	72.0%
ICU Beds	1,300	137	90.5%
Ventilators	626	1,269	33.0%

### 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	59	18	5	7.4%	22.5%	5.2%	63.88%	90.00%	19.79%
Region 2	97	21	9	12.0%	27.6%	10.7%	72.92%	94.74%	39.29%
Region 3	408	99	44	11.0%	26.1%	10.0%	74.58%	94.21%	37.44%
Region 4	60	18	14	7.1%	18.6%	10.8%	66.23%	97.94%	19.23%
Region 5	232	66	42	8.3%	17.9%	7.4%	77.69%	93.77%	37.99%
Region 6	125	19	11	10.2%	22.4%	8.7%	84.85%	100.00%	42.52%
Region 7	80	19	8	12.4%	22.6%	6.2%	70.63%	55.95%	18.60%
Region 8	71	23	12	5.9%	18.3%	7.8%	58.66%	84.92%	28.57%
Region 9	84	23	15	13.1%	25.6%	15.3%	64.02%	78.89%	25.51%
Region 10	21	11	4	4.4%	22.0%	5.5%	52.61%	94.00%	31.51%

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	131,856	15.9%
Fayette	56,021	6.8%
Warren	28,109	3.4%
Kenton	27,160	3.3%
Boone	23,345	2.8%
Hardin	20,292	2.4%
Daviess	19,465	2.4%
Madison	18,057	2.2%
Campbell	14,169	1.7%
Laurel	13,744	1.7%
Bullitt	13,481	1.6%
Pulaski	11,891	1.4%
Pike	11,783	1.4%
McCracken	11,363	1.4%
Oldham	11,318	1.4%
Christian	11,054	1.3%
Boyd	9,664	1.2%
Scott	9,656	1.2%
Whitley	9,571	1.2%
Nelson	9,329	1.1%
Hopkins	9,304	1.1%
Jessamine	9,102	1.1%
Barren	9,000	1.1%
Henderson	8,785	1.1%
Franklin	8,102	1.0%
Floyd	7,890	1.0%
Shelby	7,884	1.0%
Knox	7,869	1.0%
Graves	7,772	0.9%
Greenup	7,365	0.9%

County	Cases	Percent
Perry	6,727	0.8%
Muhlenberg	6,246	0.8%
Taylor	6,238	0.8%
Harlan	6,174	0.7%
Bell	6,122	0.7%
Clark	6,022	0.7%
Boyle	5,803	0.7%
Calloway	5,505	0.7%
Logan	5,473	0.7%
Marshall	5,378	0.6%
Clay	5,288	0.6%
Carter	5,245	0.6%
Grayson	5,239	0.6%
Montgomery	4,938	0.6%
Grant	4,921	0.6%
Ohio	4,871	0.6%
Mercer	4,849	0.6%
Lincoln	4,628	0.6%
Letcher	4,391	0.5%
Marion	4,366	0.5%
Rowan	4,336	0.5%
Russell	4,236	0.5%
Allen	4,194	0.5%
Johnson	4,085	0.5%
Anderson	4,006	0.5%
Woodford	3,973	0.5%
McCreary	3,965	0.5%
Hart	3,930	0.5%
Adair	3,879	0.5%
Harrison	3,874	0.5%

County	Cases	Percent
Meade	3,782	0.5%
Bourbon	3,708	0.4%
Simpson	3,641	0.4%
Wayne	3,628	0.4%
Rockcastle	3,459	0.4%
Breckinridge	3,341	0.4%
Spencer	3,316	0.4%
Morgan	3,165	0.4%
Lawrence	3,100	0.4%
Garrard	3,093	0.4%
Powell	3,028	0.4%
Henry	3,006	0.4%
Jackson	2,998	0.4%
Lewis	2,996	0.4%
Mason	2,956	0.4%
Casey	2,945	0.4%
Union	2,835	0.3%
Washington	2,632	0.3%
Caldwell	2,628	0.3%
Webster	2,613	0.3%
Green	2,612	0.3%
Knott	2,605	0.3%
Butler	2,599	0.3%
Estill	2,593	0.3%
Magoffin	2,570	0.3%
Monroe	2,569	0.3%
Larue	2,565	0.3%
Fleming	2,501	0.3%
Clinton	2,450	0.3%
Trigg	2,447	0.3%

County	Cases	Percent
Leslie	2,398	0.3%
Pendleton	2,285	0.3%
Carroll	2,259	0.3%
Breathitt	2,220	0.3%
Martin	2,170	0.3%
Metcalfe	2,149	0.3%
Lyon	2,080	0.3%
Todd	1,981	0.2%
Bath	1,967	0.2%
Lee	1,854	0.2%
McLean	1,717	0.2%
Edmonson	1,700	0.2%
Owen	1,634	0.2%
Hancock	1,619	0.2%
Livingston	1,598	0.2%
Cumberland	1,482	0.2%
Trimble	1,461	0.2%
Elliott	1,460	0.2%
Gallatin	1,437	0.2%
Bracken	1,420	0.2%
Crittenden	1,413	0.2%
Wolfe	1,403	0.2%
Nicholas	1,317	0.2%
Menifee	1,056	0.1%
Owsley	1,049	0.1%
Fulton	862	0.1%
Ballard	810	0.1%
Carlisle	725	0.1%
Hickman	596	0.1%
Robertson	445	0.1%

Total Cases  
828,260

## New Cases by County

County	Cases	Percent
Jefferson	355	13.8%
Fayette	157	6.1%
Boone	89	3.5%
Kenton	87	3.4%
Daviess	72	2.8%
Pulaski	68	2.6%
Hardin	67	2.6%
Campbell	57	2.2%
Madison	56	2.2%
Laurel	46	1.8%
Clark	45	1.7%
Warren	43	1.7%
Carter	40	1.6%
Henderson	39	1.5%
Scott	39	1.5%
Boyd	38	1.5%
Bullitt	38	1.5%
McCracken	36	1.4%
Jessamine	34	1.3%
Morgan	32	1.2%
Oldham	32	1.2%
Greenup	31	1.2%
Franklin	29	1.1%
Union	29	1.1%
Floyd	28	1.1%
Barren	26	1.0%
Mason	26	1.0%
Knox	24	0.9%
Muhlenberg	23	0.9%
Pike	23	0.9%

County	Cases	Percent
Shelby	23	0.9%
Logan	21	0.8%
Rowan	21	0.8%
Simpson	21	0.8%
Henry	20	0.8%
Nelson	20	0.8%
Ohio	19	0.7%
Wolfe	19	0.7%
Lewis	18	0.7%
Perry	18	0.7%
Woodford	18	0.7%
Spencer	17	0.7%
Adair	16	0.6%
Bell	16	0.6%
Graves	16	0.6%
Harlan	16	0.6%
Hart	15	0.6%
Hopkins	15	0.6%
Wayne	15	0.6%
Carroll	14	0.5%
Grant	14	0.5%
Meade	14	0.5%
Bourbon	13	0.5%
Garrard	13	0.5%
Harrison	13	0.5%
Letcher	13	0.5%
Trimble	13	0.5%
Allen	12	0.5%
Boyle	12	0.5%
Elliott	12	0.5%

County	Cases	Percent
Fleming	12	0.5%
Lawrence	12	0.5%
Whitley	12	0.5%
Estill	11	0.4%
Grayson	11	0.4%
Calloway	10	0.4%
Marion	10	0.4%
Mercer	10	0.4%
Trigg	10	0.4%
Breckinridge	9	0.3%
Butler	9	0.3%
Clinton	9	0.3%
Johnson	9	0.3%
Livingston	9	0.3%
Marshall	9	0.3%
Martin	9	0.3%
Powell	9	0.3%
Taylor	9	0.3%
Washington	9	0.3%
Anderson	8	0.3%
Bracken	8	0.3%
Hancock	8	0.3%
Monroe	8	0.3%
Clay	7	0.3%
Green	7	0.3%
McCreary	7	0.3%
Carlisle	6	0.2%
Larue	6	0.2%
Lee	6	0.2%
Pendleton	6	0.2%

County	Cases	Percent
Bath	5	0.2%
Caldwell	5	0.2%
Christian	5	0.2%
Cumberland	5	0.2%
Edmonson	5	0.2%
Leslie	5	0.2%
Metcalfe	5	0.2%
Montgomery	5	0.2%
Rockcastle	5	0.2%
Russell	5	0.2%
Todd	5	0.2%
Breathitt	4	0.2%
Crittenden	4	0.2%
Fulton	4	0.2%
Gallatin	4	0.2%
Jackson	4	0.2%
Knott	4	0.2%
Lincoln	4	0.2%
Lyon	4	0.2%
McLean	4	0.2%
Menifee	4	0.2%
Owen	4	0.2%
Robertson	4	0.2%
Magoffin	3	0.1%
Ballard	2	0.1%
Casey	2	0.1%
Nicholas	2	0.1%
Hickman	1	0.0%
Webster	1	0.0%
Owsley	0	0.0%

Total New Cases  
2,575

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,779	15.1%
Fayette	465	3.9%
Hardin	336	2.9%
Kenton	307	2.6%
Daviess	299	2.5%
Warren	295	2.5%
Boone	226	1.9%
Pike	221	1.9%
Hopkins	218	1.8%
Pulaski	213	1.8%
Madison	209	1.8%
McCracken	202	1.7%
Barren	175	1.5%
Laurel	173	1.5%
Christian	170	1.4%
Bullitt	155	1.3%
Harlan	150	1.3%
Floyd	144	1.2%
Whitley	139	1.2%
Graves	135	1.1%
Henderson	130	1.1%
Perry	128	1.1%
Boyd	125	1.1%
Shelby	122	1.0%
Campbell	118	1.0%
Bell	117	1.0%
Boyle	113	1.0%
Oldham	112	1.0%
Jessamine	110	0.9%
Franklin	108	0.9%

County	Deaths	Percent
Nelson	107	0.9%
Knox	105	0.9%
Lincoln	105	0.9%
Greenup	104	0.9%
Grayson	101	0.9%
Muhlenberg	99	0.8%
Taylor	99	0.8%
Logan	97	0.8%
Mercer	93	0.8%
Ohio	89	0.8%
Adair	85	0.7%
Marshall	85	0.7%
Letcher	83	0.7%
Mason	79	0.7%
Allen	78	0.7%
Hart	77	0.7%
Johnson	75	0.6%
Carter	73	0.6%
Wayne	71	0.6%
Montgomery	70	0.6%
Scott	69	0.6%
Simpson	69	0.6%
Monroe	67	0.6%
Calloway	66	0.6%
McCreary	66	0.6%
Clay	65	0.6%
Lewis	65	0.6%
Russell	62	0.5%
Casey	61	0.5%
Marion	59	0.5%

County	Deaths	Percent
Anderson	56	0.5%
Garrard	56	0.5%
Harrison	55	0.5%
Jackson	55	0.5%
Larue	54	0.5%
Caldwell	53	0.4%
Washington	51	0.4%
Breckinridge	49	0.4%
Clark	48	0.4%
Meade	48	0.4%
Metcalfe	48	0.4%
Lawrence	47	0.4%
Livingston	47	0.4%
Rowan	46	0.4%
Gallatin	44	0.4%
Knott	44	0.4%
Rockcastle	44	0.4%
Union	44	0.4%
Breathitt	43	0.4%
Butler	43	0.4%
Webster	43	0.4%
Bourbon	42	0.4%
Spencer	42	0.4%
Clinton	41	0.3%
Fleming	41	0.3%
Grant	41	0.3%
McLean	41	0.3%
Lee	40	0.3%
Martin	38	0.3%
Crittenden	37	0.3%

County	Deaths	Percent
Todd	37	0.3%
Henry	36	0.3%
Estill	35	0.3%
Green	35	0.3%
Leslie	35	0.3%
Bath	34	0.3%
Edmonson	34	0.3%
Magoffin	34	0.3%
Woodford	34	0.3%
Carroll	33	0.3%
Lyon	29	0.2%
Owen	29	0.2%
Trigg	29	0.2%
Pendleton	28	0.2%
Trimble	28	0.2%
Nicholas	27	0.2%
Powell	27	0.2%
Ballard	25	0.2%
Menifee	25	0.2%
Fulton	22	0.2%
Hickman	22	0.2%
Owsley	22	0.2%
Bracken	19	0.2%
Cumberland	19	0.2%
Hancock	18	0.2%
Morgan	17	0.1%
Robertson	16	0.1%
Elliott	13	0.1%
Wolfe	13	0.1%
Carlisle	12	0.1%

Total Deaths  
11,786

## Incidence Rates by County

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

County	Rate
Robertson	210.1
Wolfe	137.7
Menifee	123.3
Lewis	120.5
Union	101.3
Hancock	90.1
Trimble	89.4
Carter	89.0
Boyd	78.9
Lawrence	75.5
Mason	75.3
Carroll	72.6
Greenup	71.6
Estill	70.9
Perry	67.1
Monroe	65.7
Fleming	65.6
Metcalfe	65.3
Martin	65.1
Breathitt	62.2
Daviess	61.5
Madison	61.3
Letcher	60.3
Bath	59.4
Elliott	58.9
Bracken	58.5
Henry	56.7
Owen	56.4
Clark	56.3
Marion	56.3

County	Rate
Harlan	56.0
Washington	55.5
Powell	55.5
Grant	54.1
Breckinridge	53.7
Knox	53.2
Henderson	53.1
Jackson	51.4
Nelson	51.0
Simpson	50.8
Leslie	50.6
Ohio	50.0
Hart	49.5
Floyd	49.0
Pendleton	49.0
Allen	48.9
Spencer	48.7
Boone	48.4
Bourbon	48.4
Lee	48.2
Garrard	47.7
Muhlenberg	47.1
Oldham	47.0
Laurel	47.0
Gallatin	46.7
Rowan	46.1
Campbell	45.8
Franklin	45.7
Hardin	45.1
Carlisle	45.0

County	Rate
Bullitt	45.0
Logan	43.2
Harrison	43.1
Meade	42.5
Kenton	42.4
McCracken	42.4
Barren	42.0
Livingston	42.0
McLean	41.9
Jessamine	40.9
Morgan	40.8
Jefferson	40.5
Scott	40.1
Whitley	39.4
Woodford	38.5
Hopkins	36.1
Trigg	36.1
Fayette	35.9
Mercer	35.2
Pike	35.1
Todd	34.9
Cumberland	34.6
Anderson	34.5
Ballard	34.4
Boyle	34.2
Grayson	34.1
Knott	33.8
Adair	33.5
Crittenden	32.4
Graves	31.8

County	Rate
Warren	31.5
Russell	30.3
Shelby	29.4
Bell	29.1
Johnson	29.0
Butler	28.8
Green	28.7
Rockcastle	27.4
Larue	24.8
Marshall	24.8
Magoffin	24.7
Edmonson	23.5
Montgomery	22.8
Lincoln	22.7
Lyon	22.6
Clay	22.3
Taylor	21.1
Calloway	20.9
McCreary	20.7
Wayne	20.4
Nicholas	19.7
Webster	18.8
Caldwell	17.9
Casey	16.8
Fulton	16.8
Christian	14.8
Pulaski	13.9
Clinton	12.6
Owsley	9.7
Hickman	3.3

**Current Overall Incidence Rate**  
43.16 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.