

# KY COVID-19 Report 16DEC21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	823,213	578,997	244,216
Deaths	11,719	10,299	1,420
New Cases	2,507	1,517	990
New Cases 18 and Under	696	388	308
Total New Deaths	26	24	2

Duplicates and records not meeting case criteria removed since last report: 9

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
59,531	7.2%	0-9	0.0%	2
113,823	13.8%	10-19	0.1%	8
139,471	16.9%	20-29	0.4%	44
127,750	15.5%	30-39	1.3%	150
118,592	14.4%	40-49	3.9%	453
108,823	13.2%	50-59	9.7%	1,132
81,312	9.9%	60-69	20.1%	2,352
47,139	5.7%	70-79	26.9%	3,157
26,527	3.2%	80+	37.7%	4,421
245	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,380	0.3%	American Indian	0.1%	14
6,056	0.9%	Asian	0.5%	52
52,911	7.6%	Black	7.1%	797
381	0.1%	Pacific Islander	0.1%	7
596,678	86.0%	White	89.5%	10,023
35,385	5.1%	Multiracial	2.8%	310

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,533	4.5%	Hispanic	1.5%	167
629,510	95.5%	Non-Hispanic	98.5%	10,764

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 84.3% of cases and 95.6% of deaths  
Ethnicity known for 80.1% of cases and 93.3% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,077	102,624	8.84%

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
10,991,783	8,025,602	404,129	2,285,410	999,132	680,338	54,461	264,333

### Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,132	4.15%
Ever ICU	6,565	0.80%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,236
ICU	315
On Ventilator	193

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,508	3,793	71.5%
ICU Beds	1,311	112	92.1%
Ventilators	662	1,249	34.6%

### 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	60	14	15	7.8%	17.9%	15.6%	61.95%	93.59%	22.92%
Region 2	82	18	11	10.4%	23.1%	12.8%	74.14%	94.87%	36.05%
Region 3	418	93	47	11.3%	24.9%	10.4%	74.29%	95.17%	39.16%
Region 4	69	23	17	7.8%	25.3%	13.1%	63.89%	95.60%	26.15%
Region 5	223	64	41	7.6%	17.6%	7.3%	76.42%	93.68%	37.30%
Region 6	123	23	15	10.0%	26.7%	11.8%	86.00%	100.00%	48.03%
Region 7	81	23	13	12.5%	28.0%	10.1%	69.75%	67.07%	20.93%
Region 8	72	24	15	6.0%	18.5%	9.7%	56.00%	90.77%	30.52%
Region 9	82	22	13	12.7%	24.2%	12.9%	66.30%	83.52%	24.75%
Region 10	26	11	6	5.4%	22.0%	8.2%	54.91%	92.00%	38.36%

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	131,205	15.9%
Fayette	55,699	6.8%
Warren	27,996	3.4%
Kenton	26,970	3.3%
Boone	23,184	2.8%
Hardin	20,177	2.5%
Daviess	19,285	2.3%
Madison	17,921	2.2%
Campbell	14,062	1.7%
Laurel	13,686	1.7%
Bullitt	13,402	1.6%
Pulaski	11,778	1.4%
Pike	11,739	1.4%
McCracken	11,284	1.4%
Oldham	11,265	1.4%
Christian	11,002	1.3%
Boyd	9,581	1.2%
Scott	9,560	1.2%
Whitley	9,535	1.2%
Nelson	9,278	1.1%
Hopkins	9,268	1.1%
Jessamine	9,046	1.1%
Barren	8,942	1.1%
Henderson	8,727	1.1%
Franklin	8,045	1.0%
Shelby	7,840	1.0%
Floyd	7,838	1.0%
Knox	7,823	1.0%
Graves	7,741	0.9%
Greenup	7,318	0.9%

County	Cases	Percent
Perry	6,688	0.8%
Taylor	6,210	0.8%
Muhlenberg	6,204	0.8%
Harlan	6,146	0.7%
Bell	6,098	0.7%
Clark	5,946	0.7%
Boyle	5,777	0.7%
Calloway	5,491	0.7%
Logan	5,441	0.7%
Marshall	5,358	0.7%
Clay	5,273	0.6%
Grayson	5,222	0.6%
Carter	5,181	0.6%
Montgomery	4,919	0.6%
Grant	4,892	0.6%
Mercer	4,830	0.6%
Ohio	4,827	0.6%
Lincoln	4,612	0.6%
Letcher	4,368	0.5%
Marion	4,339	0.5%
Rowan	4,298	0.5%
Russell	4,216	0.5%
Allen	4,171	0.5%
Johnson	4,070	0.5%
Anderson	3,991	0.5%
Woodford	3,951	0.5%
McCreary	3,930	0.5%
Hart	3,905	0.5%
Harrison	3,848	0.5%
Adair	3,840	0.5%

County	Cases	Percent
Meade	3,756	0.5%
Bourbon	3,687	0.4%
Simpson	3,614	0.4%
Wayne	3,589	0.4%
Rockcastle	3,448	0.4%
Breckinridge	3,326	0.4%
Spencer	3,287	0.4%
Morgan	3,121	0.4%
Lawrence	3,081	0.4%
Garrard	3,068	0.4%
Powell	3,007	0.4%
Jackson	2,986	0.4%
Henry	2,979	0.4%
Lewis	2,955	0.4%
Casey	2,934	0.4%
Mason	2,918	0.4%
Union	2,789	0.3%
Caldwell	2,623	0.3%
Washington	2,616	0.3%
Webster	2,611	0.3%
Green	2,599	0.3%
Knott	2,595	0.3%
Butler	2,581	0.3%
Magoffin	2,566	0.3%
Larue	2,561	0.3%
Estill	2,556	0.3%
Monroe	2,549	0.3%
Fleming	2,478	0.3%
Trigg	2,435	0.3%
Clinton	2,432	0.3%

County	Cases	Percent
Leslie	2,385	0.3%
Pendleton	2,266	0.3%
Carroll	2,240	0.3%
Breathitt	2,204	0.3%
Martin	2,160	0.3%
Metcalfe	2,140	0.3%
Lyon	2,074	0.3%
Todd	1,970	0.2%
Bath	1,944	0.2%
Lee	1,844	0.2%
McLean	1,707	0.2%
Edmonson	1,692	0.2%
Owen	1,622	0.2%
Hancock	1,603	0.2%
Livingston	1,588	0.2%
Cumberland	1,471	0.2%
Elliott	1,445	0.2%
Trimble	1,444	0.2%
Gallatin	1,431	0.2%
Crittenden	1,408	0.2%
Bracken	1,392	0.2%
Wolfe	1,380	0.2%
Nicholas	1,312	0.2%
Owsley	1,050	0.1%
Menifee	1,034	0.1%
Fulton	857	0.1%
Ballard	806	0.1%
Carlisle	719	0.1%
Hickman	593	0.1%
Robertson	437	0.1%

Total Cases  
823,213

## New Cases by County

County	Cases	Percent
Jefferson	376	15.0%
Fayette	113	4.5%
Kenton	98	3.9%
Boone	89	3.6%
Madison	82	3.3%
Hardin	72	2.9%
Daviess	67	2.7%
Campbell	66	2.6%
Warren	63	2.5%
Pulaski	55	2.2%
Christian	51	2.0%
McCracken	47	1.9%
Greenup	45	1.8%
Boyd	43	1.7%
Bullitt	34	1.4%
Scott	33	1.3%
Oldham	31	1.2%
Laurel	28	1.1%
Estill	26	1.0%
Franklin	26	1.0%
Hart	25	1.0%
Clark	24	1.0%
Jessamine	24	1.0%
Knox	24	1.0%
Letcher	24	1.0%
Nelson	23	0.9%
Perry	23	0.9%
Calloway	22	0.9%
Carter	22	0.9%
Wayne	22	0.9%

County	Cases	Percent
Grant	21	0.8%
Henderson	21	0.8%
Pike	21	0.8%
Whitley	21	0.8%
Taylor	20	0.8%
Bourbon	19	0.8%
Floyd	19	0.8%
Marshall	19	0.8%
Barren	18	0.7%
McCreary	18	0.7%
Hopkins	17	0.7%
Lewis	17	0.7%
Logan	17	0.7%
Morgan	17	0.7%
Washington	17	0.7%
Anderson	16	0.6%
Breckinridge	16	0.6%
Meade	16	0.6%
Union	16	0.6%
Marion	15	0.6%
Muhlenberg	15	0.6%
Grayson	14	0.6%
Mason	14	0.6%
Menifee	13	0.5%
Mercer	13	0.5%
Trigg	13	0.5%
Fleming	12	0.5%
Graves	12	0.5%
Shelby	12	0.5%
Allen	11	0.4%

County	Cases	Percent
Boyle	11	0.4%
Clinton	11	0.4%
Elliott	11	0.4%
Lawrence	11	0.4%
Monroe	11	0.4%
Adair	10	0.4%
Bell	10	0.4%
Henry	10	0.4%
Russell	10	0.4%
Gallatin	9	0.4%
Pendleton	9	0.4%
Wolfe	9	0.4%
Woodford	9	0.4%
Hancock	8	0.3%
Knott	8	0.3%
Metcalfe	8	0.3%
Powell	8	0.3%
Spencer	8	0.3%
Harlan	7	0.3%
Johnson	7	0.3%
Lee	7	0.3%
Magoffin	7	0.3%
Martin	7	0.3%
Bath	6	0.2%
Butler	6	0.2%
Carroll	6	0.2%
Clay	6	0.2%
Harrison	6	0.2%
Jackson	6	0.2%
Bracken	5	0.2%

County	Cases	Percent
Garrard	5	0.2%
Green	5	0.2%
Livingston	5	0.2%
McLean	5	0.2%
Nicholas	5	0.2%
Rowan	5	0.2%
Simpson	5	0.2%
Ballard	4	0.2%
Edmonson	4	0.2%
Larue	4	0.2%
Lincoln	4	0.2%
Ohio	4	0.2%
Owen	4	0.2%
Rockcastle	4	0.2%
Trimble	4	0.2%
Webster	4	0.2%
Carlisle	3	0.1%
Cumberland	3	0.1%
Todd	3	0.1%
Casey	2	0.1%
Montgomery	2	0.1%
Robertson	2	0.1%
Breathitt	1	0.0%
Caldwell	1	0.0%
Crittenden	1	0.0%
Fulton	1	0.0%
Leslie	1	0.0%
Lyon	1	0.0%
Hickman	0	0.0%
Owsley	0	0.0%

Total New Cases  
2,507

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,773	15.1%
Fayette	463	4.0%
Hardin	332	2.8%
Kenton	306	2.6%
Daviess	298	2.5%
Warren	293	2.5%
Boone	226	1.9%
Hopkins	218	1.9%
Pike	218	1.9%
Pulaski	212	1.8%
Madison	208	1.8%
McCracken	202	1.7%
Barren	174	1.5%
Laurel	171	1.5%
Christian	170	1.5%
Bullitt	155	1.3%
Harlan	148	1.3%
Floyd	142	1.2%
Whitley	139	1.2%
Graves	135	1.2%
Henderson	129	1.1%
Perry	128	1.1%
Boyd	125	1.1%
Shelby	122	1.0%
Campbell	118	1.0%
Bell	117	1.0%
Jessamine	110	0.9%
Oldham	110	0.9%
Boyle	109	0.9%
Franklin	108	0.9%

County	Deaths	Percent
Nelson	107	0.9%
Lincoln	105	0.9%
Greenup	103	0.9%
Knox	103	0.9%
Grayson	100	0.9%
Muhlenberg	98	0.8%
Taylor	98	0.8%
Logan	96	0.8%
Mercer	93	0.8%
Ohio	89	0.8%
Adair	85	0.7%
Marshall	85	0.7%
Letcher	81	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	69	0.6%
Simpson	69	0.6%
Scott	67	0.6%
Calloway	66	0.6%
McCreary	66	0.6%
Monroe	66	0.6%
Clay	65	0.6%
Lewis	64	0.5%
Casey	61	0.5%
Russell	61	0.5%
Marion	59	0.5%

County	Deaths	Percent
Anderson	56	0.5%
Garrard	55	0.5%
Harrison	55	0.5%
Jackson	55	0.5%
Larue	54	0.5%
Caldwell	53	0.5%
Washington	51	0.4%
Breckinridge	48	0.4%
Clark	48	0.4%
Metcalfe	48	0.4%
Livingston	47	0.4%
Meade	47	0.4%
Lawrence	46	0.4%
Gallatin	44	0.4%
Rowan	44	0.4%
Union	44	0.4%
Breathitt	43	0.4%
Butler	43	0.4%
Knott	43	0.4%
Rockcastle	43	0.4%
Bourbon	42	0.4%
Spencer	42	0.4%
Webster	42	0.4%
Grant	41	0.3%
McLean	41	0.3%
Clinton	40	0.3%
Fleming	40	0.3%
Lee	39	0.3%
Martin	38	0.3%
Crittenden	37	0.3%

County	Deaths	Percent
Henry	36	0.3%
Todd	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	33	0.3%
Carroll	32	0.3%
Lyon	29	0.2%
Owen	29	0.2%
Trigg	29	0.2%
Trimble	28	0.2%
Nicholas	27	0.2%
Pendleton	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	16	0.1%
Robertson	16	0.1%
Elliott	13	0.1%
Wolfe	13	0.1%
Carlisle	12	0.1%

Total Deaths  
11,719

## Incidence Rates by County

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

County	Rate
Robertson	176.2
Menifee	151.9
Wolfe	125.8
Lewis	106.5
Union	98.3
Hancock	93.4
Trimble	92.8
Lawrence	81.1
Carter	80.5
Mason	79.5
Boyd	77.1
Greenup	72.9
Carroll	72.6
Martin	70.2
Knox	68.8
Fleming	68.6
Gallatin	67.7
Bath	66.3
Henderson	65.7
Jackson	65.4
Metcalfe	65.3
Perry	64.9
Madison	64.1
McLean	63.6
Letcher	62.3
Harlan	62.1
Owen	61.6
Breathitt	61.1
Leslie	59.3
Marion	58.6

County	Rate
Breckinridge	57.9
Henry	57.6
Nelson	56.9
Washington	56.7
Daviess	56.2
Estill	55.7
Monroe	55.0
Hart	54.8
Powell	54.3
Oldham	54.3
Bourbon	53.4
Hardin	51.8
Livingston	51.3
Franklin	51.0
Boone	50.6
Allen	50.3
Ohio	50.0
Grant	49.6
Simpson	49.2
Laurel	48.9
Muhlenberg	48.5
Clark	45.7
Floyd	45.4
Anderson	45.2
Carlisle	45.0
Bullitt	44.8
Campbell	44.3
Morgan	44.0
Harrison	43.1
Pike	41.7

County	Rate
Kenton	41.4
Cumberland	41.0
Jessamine	40.9
Barren	40.4
Pendleton	40.1
Scott	40.1
Meade	40.0
Jefferson	39.8
Hopkins	39.3
McCracken	39.1
Logan	39.0
Trigg	39.0
Whitley	38.6
Todd	38.3
Ballard	38.0
Spencer	37.7
Rowan	37.4
Garrard	37.2
Crittenden	35.7
Magoffin	35.2
Graves	34.9
Lee	34.7
Woodford	34.2
Fayette	34.0
Grayson	33.5
Warren	33.2
Adair	32.7
Bracken	32.7
Butler	32.2
Marshall	30.8

County	Rate
Mercer	30.6
Elliott	30.4
Boyle	29.9
Lyon	29.6
Russell	29.5
Taylor	29.4
Caldwell	29.1
Larue	28.8
Johnson	27.7
Nicholas	27.5
Green	27.4
Knott	27.0
Bell	26.9
Shelby	26.5
Montgomery	24.4
Casey	23.9
Edmonson	23.5
Rockcastle	23.1
Webster	21.0
Clay	20.8
Calloway	20.5
McCreary	19.9
Wayne	19.0
Christian	18.4
Lincoln	16.9
Pulaski	14.7
Owsley	12.9
Fulton	12.0
Clinton	11.2
Hickman	3.3

**Current Overall Incidence Rate**  
43.53 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.