

# KY COVID-19 Report 12DEC21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	814,203	573,467	240,736
Deaths	11,634	10,227	1,407
New Cases	989	804	185
New Cases 18 and Under	216	173	43
Total New Deaths	37	27	10

Duplicates and records not meeting case criteria removed since last report: 0

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
58,446	7.2%	0-9	0.0%	2
112,422	13.8%	10-19	0.1%	8
138,124	17.0%	20-29	0.4%	44
126,406	15.5%	30-39	1.3%	150
117,348	14.4%	40-49	3.9%	452
107,685	13.2%	50-59	9.6%	1,119
80,495	9.9%	60-69	20.1%	2,340
46,699	5.7%	70-79	26.9%	3,127
26,334	3.2%	80+	37.8%	4,392
244	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,347	0.3%	American Indian	0.1%	14
5,977	0.9%	Asian	0.5%	52
52,492	7.6%	Black	7.1%	791
381	0.1%	Pacific Islander	0.1%	7
590,804	86.0%	White	89.5%	9,948
35,081	5.1%	Multiracial	2.8%	307

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,325	4.5%	Hispanic	1.5%	166
622,806	95.5%	Non-Hispanic	98.5%	10,680

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 84.4% of cases and 95.6% of deaths  
Ethnicity known for 80.1% of cases and 93.2% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,384	105,438	8.90%

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
10,889,871	7,966,827	403,645	2,245,575	988,735	674,059	54,350	260,326

### Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	33,899	4.16%
Ever ICU	6,529	0.80%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,248
ICU	331
On Ventilator	181

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,271	3,978	70.0%
ICU Beds	1,294	159	89.1%
Ventilators	641	1,190	35.0%

### 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	57	17	5	6.8%	19.8%	5.2%	65.31%	93.02%	25.00%
Region 2	79	18	12	10.2%	24.7%	13.8%	63.61%	89.04%	41.38%
Region 3	402	103	47	10.8%	25.6%	10.5%	72.40%	89.55%	39.73%
Region 4	78	24	15	8.7%	26.1%	11.5%	61.55%	95.65%	18.46%
Region 5	232	63	41	8.3%	17.5%	7.3%	78.17%	92.48%	39.53%
Region 6	115	23	13	9.3%	26.1%	19.7%	81.69%	97.73%	45.45%
Region 7	86	27	15	13.3%	32.9%	11.6%	66.36%	50.00%	22.48%
Region 8	92	25	16	7.6%	19.5%	11.0%	58.85%	92.19%	32.88%
Region 9	83	21	12	12.9%	23.6%	12.4%	64.27%	87.64%	27.84%
Region 10	24	10	5	5.0%	18.5%	6.8%	47.62%	85.19%	32.88%

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	129,903	16.0%
Fayette	55,238	6.8%
Warren	27,818	3.4%
Kenton	26,651	3.3%
Boone	22,904	2.8%
Hardin	19,938	2.4%
Daviess	19,052	2.3%
Madison	17,667	2.2%
Campbell	13,867	1.7%
Laurel	13,549	1.7%
Bullitt	13,234	1.6%
Pulaski	11,665	1.4%
Pike	11,636	1.4%
Oldham	11,120	1.4%
McCracken	11,118	1.4%
Christian	10,921	1.3%
Whitley	9,471	1.2%
Scott	9,431	1.2%
Boyd	9,377	1.2%
Hopkins	9,197	1.1%
Nelson	9,160	1.1%
Jessamine	8,954	1.1%
Barren	8,877	1.1%
Henderson	8,614	1.1%
Franklin	7,929	1.0%
Shelby	7,791	1.0%
Floyd	7,769	1.0%
Knox	7,728	0.9%
Graves	7,695	0.9%
Greenup	7,208	0.9%

County	Cases	Percent
Perry	6,584	0.8%
Taylor	6,151	0.8%
Muhlenberg	6,144	0.8%
Bell	6,066	0.7%
Harlan	6,066	0.7%
Clark	5,847	0.7%
Boyle	5,729	0.7%
Calloway	5,446	0.7%
Logan	5,392	0.7%
Marshall	5,320	0.7%
Clay	5,252	0.6%
Grayson	5,184	0.6%
Carter	5,092	0.6%
Montgomery	4,865	0.6%
Grant	4,802	0.6%
Mercer	4,792	0.6%
Ohio	4,786	0.6%
Lincoln	4,588	0.6%
Letcher	4,298	0.5%
Marion	4,290	0.5%
Rowan	4,259	0.5%
Russell	4,179	0.5%
Allen	4,120	0.5%
Johnson	4,038	0.5%
Anderson	3,952	0.5%
Woodford	3,910	0.5%
McCreary	3,887	0.5%
Hart	3,861	0.5%
Harrison	3,812	0.5%
Adair	3,799	0.5%

County	Cases	Percent
Meade	3,702	0.5%
Bourbon	3,638	0.4%
Simpson	3,583	0.4%
Wayne	3,527	0.4%
Rockcastle	3,429	0.4%
Breckinridge	3,265	0.4%
Spencer	3,252	0.4%
Morgan	3,095	0.4%
Garrard	3,041	0.4%
Lawrence	3,030	0.4%
Powell	2,977	0.4%
Jackson	2,949	0.4%
Henry	2,943	0.4%
Casey	2,917	0.4%
Lewis	2,893	0.4%
Mason	2,863	0.4%
Union	2,734	0.3%
Caldwell	2,607	0.3%
Webster	2,598	0.3%
Washington	2,586	0.3%
Green	2,571	0.3%
Butler	2,570	0.3%
Knott	2,567	0.3%
Magoffin	2,547	0.3%
Larue	2,546	0.3%
Monroe	2,522	0.3%
Estill	2,516	0.3%
Fleming	2,428	0.3%
Trigg	2,397	0.3%
Clinton	2,395	0.3%

County	Cases	Percent
Leslie	2,356	0.3%
Pendleton	2,237	0.3%
Carroll	2,204	0.3%
Breathitt	2,168	0.3%
Martin	2,114	0.3%
Metcalfe	2,103	0.3%
Lyon	2,065	0.3%
Todd	1,948	0.2%
Bath	1,903	0.2%
Lee	1,826	0.2%
McLean	1,691	0.2%
Edmonson	1,679	0.2%
Owen	1,589	0.2%
Hancock	1,567	0.2%
Livingston	1,563	0.2%
Cumberland	1,456	0.2%
Elliott	1,426	0.2%
Trimble	1,412	0.2%
Gallatin	1,409	0.2%
Crittenden	1,390	0.2%
Bracken	1,365	0.2%
Wolfe	1,342	0.2%
Nicholas	1,297	0.2%
Owsley	1,047	0.1%
Menifee	1,000	0.1%
Fulton	855	0.1%
Ballard	788	0.1%
Carlisle	709	0.1%
Hickman	593	0.1%
Robertson	411	0.1%

Total Cases  
814,203

## New Cases by County

County	Cases	Percent
Jefferson	209	21.1%
Boone	59	6.0%
Fayette	49	5.0%
Kenton	41	4.1%
Campbell	35	3.5%
Daviess	34	3.4%
Oldham	26	2.6%
Montgomery	25	2.5%
Hardin	23	2.3%
Franklin	20	2.0%
Bullitt	17	1.7%
Madison	17	1.7%
Clark	16	1.6%
Carter	14	1.4%
Greenup	14	1.4%
Jessamine	14	1.4%
Lewis	13	1.3%
Anderson	12	1.2%
Simpson	12	1.2%
Graves	11	1.1%
Lawrence	10	1.0%
Nelson	10	1.0%
Shelby	10	1.0%
Barren	9	0.9%
Logan	9	0.9%
Garrard	8	0.8%
Grayson	8	0.8%
Menifee	8	0.8%
Pulaski	8	0.8%
Warren	8	0.8%

County	Cases	Percent
Wolfe	8	0.8%
Woodford	8	0.8%
Muhlenberg	7	0.7%
Pike	7	0.7%
Scott	7	0.7%
Spencer	7	0.7%
Hopkins	6	0.6%
Lincoln	6	0.6%
McCracken	6	0.6%
Mason	6	0.6%
Adair	5	0.5%
Hancock	5	0.5%
Harrison	5	0.5%
Henderson	5	0.5%
Johnson	5	0.5%
Laurel	5	0.5%
Livingston	5	0.5%
Meade	5	0.5%
Ohio	5	0.5%
Rowan	5	0.5%
Trimble	5	0.5%
Boyle	4	0.4%
Breathitt	4	0.4%
Estill	4	0.4%
Floyd	4	0.4%
Grant	4	0.4%
Marion	4	0.4%
Pendleton	4	0.4%
Whitley	4	0.4%
Bath	3	0.3%

County	Cases	Percent
Bracken	3	0.3%
Breckinridge	3	0.3%
Casey	3	0.3%
Fleming	3	0.3%
Henry	3	0.3%
Larue	3	0.3%
McCreary	3	0.3%
Owen	3	0.3%
Rockcastle	3	0.3%
Allen	2	0.2%
Ballard	2	0.2%
Carroll	2	0.2%
Christian	2	0.2%
Crittenden	2	0.2%
Harlan	2	0.2%
Hart	2	0.2%
Jackson	2	0.2%
Knott	2	0.2%
Martin	2	0.2%
Metcalfe	2	0.2%
Morgan	2	0.2%
Perry	2	0.2%
Russell	2	0.2%
Taylor	2	0.2%
Todd	2	0.2%
Trigg	2	0.2%
Union	2	0.2%
Washington	2	0.2%
Webster	2	0.2%
Bell	1	0.1%

County	Cases	Percent
Boyd	1	0.1%
Caldwell	1	0.1%
Clinton	1	0.1%
Fulton	1	0.1%
Green	1	0.1%
Knox	1	0.1%
Lee	1	0.1%
Lyon	1	0.1%
McLean	1	0.1%
Marshall	1	0.1%
Mercer	1	0.1%
Monroe	1	0.1%
Nicholas	1	0.1%
Owsley	1	0.1%
Bourbon	0	0.0%
Butler	0	0.0%
Calloway	0	0.0%
Carlisle	0	0.0%
Clay	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Elliott	0	0.0%
Gallatin	0	0.0%
Hickman	0	0.0%
Leslie	0	0.0%
Letcher	0	0.0%
Magoffin	0	0.0%
Powell	0	0.0%
Robertson	0	0.0%
Wayne	0	0.0%

Total New Cases  
989

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,754	15.1%
Fayette	461	4.0%
Hardin	330	2.8%
Kenton	304	2.6%
Daviess	294	2.5%
Warren	293	2.5%
Boone	224	1.9%
Hopkins	218	1.9%
Pike	216	1.9%
Pulaski	209	1.8%
Madison	207	1.8%
McCracken	201	1.7%
Barren	174	1.5%
Laurel	171	1.5%
Christian	166	1.4%
Bullitt	155	1.3%
Harlan	147	1.3%
Floyd	141	1.2%
Whitley	137	1.2%
Graves	135	1.2%
Henderson	129	1.1%
Perry	126	1.1%
Boyd	123	1.1%
Shelby	121	1.0%
Bell	117	1.0%
Campbell	117	1.0%
Boyle	109	0.9%
Oldham	109	0.9%
Franklin	108	0.9%
Jessamine	108	0.9%

County	Deaths	Percent
Nelson	107	0.9%
Lincoln	105	0.9%
Greenup	103	0.9%
Grayson	100	0.9%
Knox	100	0.9%
Muhlenberg	97	0.8%
Taylor	97	0.8%
Logan	95	0.8%
Mercer	91	0.8%
Ohio	89	0.8%
Adair	85	0.7%
Marshall	85	0.7%
Letcher	80	0.7%
Mason	78	0.7%
Allen	77	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%
Calloway	66	0.6%
Monroe	66	0.6%
Scott	66	0.6%
Clay	65	0.6%
McCreary	65	0.6%
Lewis	64	0.6%
Casey	61	0.5%
Russell	61	0.5%
Marion	57	0.5%

County	Deaths	Percent
Anderson	56	0.5%
Garrard	55	0.5%
Jackson	55	0.5%
Caldwell	53	0.5%
Larue	53	0.5%
Harrison	52	0.4%
Washington	50	0.4%
Breckinridge	48	0.4%
Clark	48	0.4%
Metcalfe	48	0.4%
Livingston	47	0.4%
Meade	47	0.4%
Lawrence	45	0.4%
Gallatin	44	0.4%
Rowan	44	0.4%
Butler	43	0.4%
Knott	43	0.4%
Rockcastle	43	0.4%
Union	43	0.4%
Bourbon	42	0.4%
Breathitt	42	0.4%
Webster	42	0.4%
Grant	41	0.4%
McLean	41	0.4%
Spencer	41	0.4%
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%
Edmonson	34	0.3%
Leslie	34	0.3%
Bath	33	0.3%
Magoffin	33	0.3%
Woodford	33	0.3%
Carroll	32	0.3%
Lyon	29	0.2%
Trigg	29	0.2%
Owen	28	0.2%
Trimble	28	0.2%
Nicholas	27	0.2%
Pendleton	26	0.2%
Powell	26	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  
11,634

## Incidence Rates by County

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

County	Rate
Menifee	160.7
Wolfe	99.8
Lewis	97.9
McLean	93.1
Carroll	90.0
Union	86.4
Knox	85.8
Owen	85.2
Lawrence	82.1
Powell	78.6
Livingston	74.6
Hancock	72.1
Madison	69.6
Henry	68.2
Trimble	67.5
Bath	66.3
Fleming	64.7
Mason	64.4
Harrison	64.3
Simpson	63.8
Ohio	63.1
Marion	63.0
Leslie	62.2
Jackson	62.2
Harlan	61.5
Washington	61.4
Gallatin	61.2
Nelson	61.2
Greenup	61.1
Robertson	61.0

County	Rate
Carter	60.8
Monroe	59.0
Hardin	58.2
Boyd	57.5
Muhlenberg	56.4
Hart	55.5
Franklin	54.9
Barren	54.2
Daviess	54.2
Magoffin	54.0
Henderson	54.0
Russell	53.4
Anderson	52.8
Breckinridge	52.3
Metcalfe	51.1
Woodford	50.8
Whitley	50.4
Martin	49.8
Oldham	49.2
Bourbon	49.1
Graves	49.1
Allen	48.9
Crittenden	48.7
Pike	48.6
Letcher	48.4
Cumberland	47.5
Boone	46.2
Perry	46.0
Carlisle	45.0
Warren	44.9

County	Rate
Caldwell	44.8
McCracken	44.3
Laurel	43.7
Lyon	43.5
Grant	43.3
Butler	43.3
Hopkins	43.2
Spencer	42.8
Jessamine	42.8
Trigg	41.9
Floyd	41.7
Ballard	41.7
Clark	41.4
Kenton	39.9
Bullitt	39.2
Campbell	38.8
Jefferson	38.6
Fayette	38.2
Logan	38.0
Taylor	37.7
Edmonson	37.6
Estill	37.5
Rowan	37.4
Mercer	36.5
Garrard	36.4
Shelby	36.1
Bracken	36.1
Meade	35.5
Scott	35.1
Marshall	34.9

County	Rate
Morgan	34.3
Rockcastle	34.2
Nicholas	33.4
Christian	33.3
Grayson	31.9
Casey	31.8
Breathitt	31.7
Pendleton	31.3
Bell	30.2
Adair	29.8
Johnson	29.6
Larue	28.8
Clinton	26.6
Webster	26.5
Owsley	25.9
McCreary	25.7
Clay	24.4
Boyle	23.8
Calloway	23.4
Lee	23.2
Montgomery	22.8
Lincoln	22.7
Knott	22.2
Fulton	19.1
Todd	18.6
Green	15.7
Pulaski	14.9
Elliott	11.4
Wayne	10.5
Hickman	6.5

**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.