

# KY COVID-19 Report 21DEC21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	833,547	585,632	247,915
Deaths	11,882	10,431	1,451
New Cases	2,566	1,494	1,072
New Cases 18 and Under	505	273	232
Total New Deaths	35	27	8

Duplicates and records not meeting case criteria removed since last report: 22

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
60,498	7.3%	0-9	0.0%	2
115,170	13.8%	10-19	0.1%	9
141,196	16.9%	20-29	0.4%	45
129,481	15.5%	30-39	1.3%	153
120,006	14.4%	40-49	3.9%	460
110,188	13.2%	50-59	9.7%	1,148
82,319	9.9%	60-69	20.0%	2,381
47,685	5.7%	70-79	27.0%	3,206
26,759	3.2%	80+	37.7%	4,478
245	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,453	0.3%	American Indian	0.1%	14
6,128	0.9%	Asian	0.5%	52
53,449	7.6%	Black	7.1%	804
382	0.1%	Pacific Islander	0.1%	7
604,187	86.0%	White	89.5%	10,169
35,708	5.1%	Multiracial	2.8%	313

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,804	4.5%	Hispanic	1.5%	167
637,127	95.5%	Non-Hispanic	98.5%	10,914

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 80.0% of cases and 93.3% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,440	101,194	9.33%

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
11,107,988	8,100,222	404,885	2,324,224	1,011,249	688,233	54,649	268,367

### Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,338	4.12%
Ever ICU	6,600	0.79%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,205
ICU	328
On Ventilator	174

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,074	4,081	69.0%
ICU Beds	1,250	180	87.4%
Ventilators	645	1,273	33.6%

### 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	66	18	4	8.3%	23.7%	4.1%	59.52%	90.79%	20.62%
Region 2	82	22	13	10.5%	28.2%	15.1%	68.29%	93.59%	39.53%
Region 3	403	99	54	10.8%	25.3%	11.8%	70.16%	88.27%	39.74%
Region 4	64	19	15	7.6%	24.4%	11.5%	58.54%	96.15%	19.23%
Region 5	202	68	34	7.2%	19.2%	6.0%	74.33%	90.11%	36.41%
Region 6	122	27	13	10.0%	32.1%	9.9%	82.82%	92.86%	38.93%
Region 7	77	19	6	11.9%	23.5%	4.7%	69.60%	60.49%	17.05%
Region 8	87	27	16	7.3%	20.0%	10.6%	60.95%	88.15%	35.76%
Region 9	77	18	14	11.9%	18.6%	13.9%	59.63%	71.13%	27.72%
Region 10	25	11	5	5.2%	20.0%	6.9%	60.12%	96.36%	33.33%

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 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	132,829	15.9%
Fayette	56,340	6.8%
Warren	28,257	3.4%
Kenton	27,369	3.3%
Boone	23,532	2.8%
Hardin	20,405	2.4%
Daviess	19,595	2.4%
Madison	18,191	2.2%
Campbell	14,303	1.7%
Laurel	13,822	1.7%
Bullitt	13,566	1.6%
Pulaski	11,955	1.4%
Pike	11,837	1.4%
McCracken	11,430	1.4%
Oldham	11,395	1.4%
Christian	11,099	1.3%
Boyd	9,794	1.2%
Scott	9,722	1.2%
Whitley	9,613	1.2%
Nelson	9,399	1.1%
Hopkins	9,341	1.1%
Jessamine	9,171	1.1%
Barren	9,045	1.1%
Henderson	8,829	1.1%
Franklin	8,174	1.0%
Floyd	7,931	1.0%
Shelby	7,926	1.0%
Knox	7,889	0.9%
Graves	7,813	0.9%
Greenup	7,414	0.9%

County	Cases	Percent
Perry	6,760	0.8%
Muhlenberg	6,276	0.8%
Taylor	6,267	0.8%
Harlan	6,208	0.7%
Bell	6,146	0.7%
Clark	6,088	0.7%
Boyle	5,830	0.7%
Calloway	5,527	0.7%
Logan	5,501	0.7%
Marshall	5,435	0.7%
Clay	5,303	0.6%
Carter	5,289	0.6%
Grayson	5,280	0.6%
Montgomery	4,960	0.6%
Grant	4,946	0.6%
Ohio	4,909	0.6%
Mercer	4,868	0.6%
Lincoln	4,638	0.6%
Letcher	4,414	0.5%
Marion	4,392	0.5%
Rowan	4,359	0.5%
Russell	4,269	0.5%
Allen	4,224	0.5%
Johnson	4,101	0.5%
Anderson	4,042	0.5%
Woodford	3,995	0.5%
McCreary	3,991	0.5%
Hart	3,937	0.5%
Harrison	3,892	0.5%
Adair	3,890	0.5%

County	Cases	Percent
Meade	3,805	0.5%
Bourbon	3,727	0.4%
Simpson	3,663	0.4%
Wayne	3,652	0.4%
Rockcastle	3,473	0.4%
Breckinridge	3,379	0.4%
Spencer	3,343	0.4%
Morgan	3,177	0.4%
Garrard	3,119	0.4%
Lawrence	3,115	0.4%
Henry	3,047	0.4%
Powell	3,046	0.4%
Jackson	3,015	0.4%
Lewis	3,015	0.4%
Mason	2,971	0.4%
Casey	2,959	0.4%
Union	2,861	0.3%
Washington	2,647	0.3%
Caldwell	2,639	0.3%
Webster	2,623	0.3%
Green	2,619	0.3%
Knott	2,618	0.3%
Estill	2,611	0.3%
Butler	2,606	0.3%
Monroe	2,592	0.3%
Magoffin	2,583	0.3%
Larue	2,573	0.3%
Fleming	2,529	0.3%
Trigg	2,481	0.3%
Clinton	2,454	0.3%

County	Cases	Percent
Leslie	2,407	0.3%
Pendleton	2,309	0.3%
Carroll	2,290	0.3%
Breathitt	2,225	0.3%
Martin	2,182	0.3%
Metcalfe	2,160	0.3%
Lyon	2,088	0.3%
Todd	1,986	0.2%
Bath	1,981	0.2%
Lee	1,867	0.2%
McLean	1,723	0.2%
Edmonson	1,707	0.2%
Owen	1,646	0.2%
Hancock	1,632	0.2%
Livingston	1,616	0.2%
Cumberland	1,488	0.2%
Trimble	1,480	0.2%
Elliott	1,473	0.2%
Gallatin	1,439	0.2%
Bracken	1,426	0.2%
Wolfe	1,426	0.2%
Crittenden	1,422	0.2%
Nicholas	1,323	0.2%
Menifee	1,071	0.1%
Owsley	1,050	0.1%
Fulton	866	0.1%
Ballard	819	0.1%
Carlisle	726	0.1%
Hickman	598	0.1%
Robertson	447	0.1%

Total Cases  
833,547

## New Cases by County

County	Cases	Percent
Jefferson	361	14.1%
Fayette	165	6.4%
Boyd	124	4.8%
Madison	85	3.3%
Laurel	67	2.6%
Kenton	63	2.5%
Boone	54	2.1%
Warren	53	2.1%
Hardin	49	1.9%
Nelson	48	1.9%
Pulaski	47	1.8%
Bullitt	45	1.8%
Daviess	45	1.8%
Clark	43	1.7%
Marshall	42	1.6%
Campbell	39	1.5%
Pike	39	1.5%
Jessamine	37	1.4%
Scott	31	1.2%
Floyd	30	1.2%
Harlan	29	1.1%
McCracken	28	1.1%
Christian	27	1.1%
Trigg	26	1.0%
Henderson	24	0.9%
Ohio	24	0.9%
Anderson	23	0.9%
Hopkins	23	0.9%
Carroll	22	0.9%
Graves	22	0.9%

County	Cases	Percent
Whitley	22	0.9%
Franklin	21	0.8%
Greenup	21	0.8%
Letcher	21	0.8%
Oldham	21	0.8%
Breckinridge	19	0.7%
Knox	17	0.7%
Livingston	17	0.7%
Perry	17	0.7%
Taylor	17	0.7%
Barren	16	0.6%
Muhlenberg	16	0.6%
Powell	16	0.6%
Russell	16	0.6%
Shelby	16	0.6%
Wolfe	16	0.6%
Calloway	15	0.6%
Grayson	15	0.6%
McCreary	15	0.6%
Mason	14	0.5%
Pendleton	14	0.5%
Carter	13	0.5%
Garrard	13	0.5%
Jackson	13	0.5%
Lewis	13	0.5%
Marion	13	0.5%
Allen	12	0.5%
Martin	12	0.5%
Monroe	12	0.5%
Wayne	12	0.5%

County	Cases	Percent
Bell	11	0.4%
Bourbon	11	0.4%
Estill	11	0.4%
Henry	11	0.4%
Montgomery	11	0.4%
Owen	11	0.4%
Boyle	10	0.4%
Elliott	10	0.4%
Fleming	10	0.4%
Logan	10	0.4%
Magoffin	10	0.4%
Spencer	10	0.4%
Woodford	10	0.4%
Caldwell	9	0.4%
Meade	9	0.4%
Menifee	9	0.4%
Union	9	0.4%
Bath	8	0.3%
Bracken	8	0.3%
Hancock	8	0.3%
Johnson	8	0.3%
Lawrence	8	0.3%
Lee	8	0.3%
Morgan	8	0.3%
Rockcastle	8	0.3%
Leslie	7	0.3%
Washington	7	0.3%
Adair	6	0.2%
Ballard	6	0.2%
Butler	6	0.2%

County	Cases	Percent
Casey	6	0.2%
Clinton	6	0.2%
Harrison	6	0.2%
Knott	6	0.2%
Webster	6	0.2%
Clay	5	0.2%
Lincoln	5	0.2%
Mercer	5	0.2%
Metcalfe	5	0.2%
Nicholas	5	0.2%
Trimble	5	0.2%
Crittenden	4	0.2%
Grant	4	0.2%
Lyon	4	0.2%
McLean	4	0.2%
Rowan	4	0.2%
Simpson	4	0.2%
Todd	4	0.2%
Cumberland	3	0.1%
Hart	3	0.1%
Larue	3	0.1%
Breathitt	2	0.1%
Edmonson	2	0.1%
Fulton	2	0.1%
Green	2	0.1%
Carlisle	1	0.0%
Gallatin	1	0.0%
Owsley	1	0.0%
Hickman	0	0.0%
Robertson	0	0.0%

Total New Cases  
2,566

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,797	15.1%
Fayette	467	3.9%
Hardin	337	2.8%
Kenton	308	2.6%
Daviess	304	2.6%
Warren	298	2.5%
Boone	226	1.9%
Pike	222	1.9%
Hopkins	218	1.8%
Pulaski	214	1.8%
Madison	212	1.8%
McCracken	202	1.7%
Barren	176	1.5%
Laurel	175	1.5%
Christian	173	1.5%
Bullitt	156	1.3%
Harlan	152	1.3%
Floyd	144	1.2%
Whitley	140	1.2%
Graves	135	1.1%
Henderson	131	1.1%
Perry	129	1.1%
Boyd	126	1.1%
Shelby	124	1.0%
Campbell	118	1.0%
Bell	117	1.0%
Boyle	114	1.0%
Oldham	112	0.9%
Franklin	110	0.9%
Jessamine	110	0.9%

County	Deaths	Percent
Nelson	108	0.9%
Greenup	105	0.9%
Knox	105	0.9%
Lincoln	105	0.9%
Grayson	101	0.9%
Muhlenberg	99	0.8%
Taylor	99	0.8%
Logan	97	0.8%
Mercer	93	0.8%
Ohio	89	0.7%
Adair	86	0.7%
Marshall	85	0.7%
Letcher	83	0.7%
Mason	81	0.7%
Allen	79	0.7%
Hart	77	0.6%
Johnson	75	0.6%
Carter	74	0.6%
Montgomery	71	0.6%
Scott	71	0.6%
Wayne	71	0.6%
Simpson	70	0.6%
Calloway	67	0.6%
Monroe	67	0.6%
Lewis	66	0.6%
McCreary	66	0.6%
Clay	65	0.5%
Russell	62	0.5%
Casey	61	0.5%
Marion	61	0.5%

County	Deaths	Percent
Jackson	58	0.5%
Anderson	56	0.5%
Garrard	56	0.5%
Harrison	56	0.5%
Larue	56	0.5%
Caldwell	53	0.4%
Washington	51	0.4%
Meade	50	0.4%
Breckinridge	49	0.4%
Livingston	49	0.4%
Metcalfe	49	0.4%
Clark	48	0.4%
Lawrence	47	0.4%
Breathitt	46	0.4%
Knott	46	0.4%
Rowan	46	0.4%
Gallatin	44	0.4%
Rockcastle	44	0.4%
Union	44	0.4%
Butler	43	0.4%
Spencer	43	0.4%
Webster	43	0.4%
Bourbon	42	0.4%
Clinton	41	0.3%
Fleming	41	0.3%
Grant	41	0.3%
McLean	41	0.3%
Lee	40	0.3%
Martin	39	0.3%
Crittenden	37	0.3%

County	Deaths	Percent
Estill	37	0.3%
Todd	37	0.3%
Henry	36	0.3%
Green	35	0.3%
Leslie	35	0.3%
Woodford	35	0.3%
Bath	34	0.3%
Carroll	34	0.3%
Edmonson	34	0.3%
Magoffin	34	0.3%
Lyon	29	0.2%
Owen	29	0.2%
Pendleton	29	0.2%
Trigg	29	0.2%
Powell	28	0.2%
Trimble	28	0.2%
Nicholas	27	0.2%
Menifee	26	0.2%
Ballard	25	0.2%
Fulton	22	0.2%
Hickman	22	0.2%
Owsley	22	0.2%
Bracken	20	0.2%
Cumberland	19	0.2%
Hancock	19	0.2%
Morgan	17	0.1%
Robertson	17	0.1%
Elliott	13	0.1%
Wolfe	13	0.1%
Carlisle	12	0.1%

Total Deaths  
11,882

## Incidence Rates by County

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

County	Rate
Wolfe	137.7
Menifee	107.9
Union	101.3
Lewis	101.2
Carroll	94.1
Trimble	92.8
Monroe	85.8
Boyd	83.8
Henry	81.5
Hancock	78.6
Fleming	77.4
Carter	74.6
Robertson	74.5
Elliott	74.1
Estill	71.9
Breckinridge	69.8
Greenup	67.2
Washington	66.1
Clark	63.4
Daviess	63.3
Mason	61.9
Madison	61.3
Pendleton	57.8
Ohio	57.8
Perry	57.7
Letcher	57.7
Trigg	57.5
Powell	56.6
Allen	56.3
Bracken	55.1

County	Rate
Nelson	55.0
Lee	54.0
Martin	53.6
Marion	53.4
Lawrence	53.2
Henderson	52.8
Metcalfe	52.5
Harlan	52.2
Boone	51.7
Livingston	51.3
Garrard	50.9
Campbell	49.8
Floyd	49.4
Laurel	49.3
Hart	48.8
Spencer	48.7
Knox	48.6
Muhlenberg	48.5
Simpson	48.5
Grant	48.4
Bourbon	47.6
Bath	46.9
Logan	46.4
Barren	46.2
Rowan	46.1
Jackson	46.1
Owen	45.9
Kenton	45.6
Russell	45.4
Hardin	45.1

County	Rate
Bullitt	44.8
McCracken	44.5
Morgan	44.0
Jefferson	44.0
Jessamine	43.3
Franklin	42.9
Oldham	42.8
Marshall	42.7
Grayson	42.2
Gallatin	41.9
Cumberland	41.0
Breathitt	40.7
Whitley	40.2
Ballard	39.8
Anderson	39.6
Meade	39.5
Warren	39.1
McLean	38.8
Fayette	38.6
Crittenden	37.3
Hopkins	36.8
Scott	36.6
Boyle	36.1
Graves	36.0
Bell	35.7
Harrison	35.6
Pike	34.8
Woodford	34.7
Mercer	33.9
Todd	33.7

County	Rate
Butler	33.3
Lyon	33.1
Carlisle	33.0
Magoffin	32.9
Shelby	31.5
Rockcastle	30.8
Knott	29.9
Leslie	28.9
Johnson	28.3
Adair	28.3
Taylor	27.2
Fulton	26.3
Edmonson	25.9
Clay	25.8
Caldwell	25.8
Webster	24.3
Calloway	24.2
McCreary	24.0
Larue	21.8
Montgomery	21.8
Wayne	21.8
Christian	21.5
Green	20.9
Lincoln	20.4
Casey	20.3
Nicholas	17.7
Pulaski	15.8
Clinton	12.6
Owsley	9.7
Hickman	6.5

**Current Overall Incidence Rate**  
45.02 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.