

# KY COVID-19 Report 09DEC21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	808,148	569,391	238,757
Deaths	11,479	10,094	1,385
New Cases	2,736	1,606	1,130
New Cases 18 and Under	711	355	356
Total New Deaths	61	56	5

Duplicates and records not meeting case criteria removed since last report: 14

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
57,824	7.2%	0-9	0.0%	2
111,496	13.8%	10-19	0.1%	8
137,185	17.0%	20-29	0.4%	43
125,410	15.5%	30-39	1.3%	147
116,555	14.4%	40-49	3.9%	444
106,912	13.2%	50-59	9.5%	1,096
79,918	9.9%	60-69	20.1%	2,305
46,404	5.7%	70-79	26.8%	3,082
26,200	3.2%	80+	37.9%	4,352
244	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,307	0.3%	American Indian	0.1%	13
5,917	0.9%	Asian	0.5%	52
52,067	7.6%	Black	7.1%	783
381	0.1%	Pacific Islander	0.1%	7
585,449	86.0%	White	89.4%	9,810
34,826	5.1%	Multiracial	2.8%	305

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,198	4.5%	Hispanic	1.5%	162
618,310	95.5%	Non-Hispanic	98.5%	10,537

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 93.2% of deaths

### Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,350	103,963	8.99%

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
10,804,366	7,912,358	402,938	2,216,471	981,030	668,935	54,169	257,926

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	33,711	4.17%
Ever ICU	6,495	0.80%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,167
ICU	314
On Ventilator	185

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,550	3,606	72.6%
ICU Beds	1,301	118	91.7%
Ventilators	669	1,222	35.4%

## 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	52	16	3	5.7%	19.8%	3.3%	59.01%	91.36%	29.67%
Region 2	81	21	15	10.4%	28.0%	17.4%	68.85%	93.33%	34.88%
Region 3	386	94	55	10.4%	24.3%	12.2%	76.10%	92.76%	38.94%
Region 4	64	19	17	9.9%	24.1%	14.9%	73.61%	97.47%	22.81%
Region 5	220	62	33	7.6%	17.1%	5.9%	77.52%	90.88%	40.00%
Region 6	99	18	11	8.1%	21.4%	8.7%	84.79%	100.00%	41.73%
Region 7	81	27	17	12.4%	32.5%	13.2%	71.52%	79.52%	26.36%
Region 8	89	26	18	7.4%	20.2%	11.6%	59.02%	92.25%	32.26%
Region 9	73	21	13	11.4%	23.6%	12.9%	64.27%	87.64%	27.72%
Region 10	22	10	3	4.6%	20.0%	3.9%	61.59%	90.00%	27.63%

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	129,059	16.0%
Fayette	54,921	6.8%
Warren	27,682	3.4%
Kenton	26,402	3.3%
Boone	22,640	2.8%
Hardin	19,769	2.4%
Daviess	18,884	2.3%
Madison	17,499	2.2%
Campbell	13,725	1.7%
Laurel	13,489	1.7%
Bullitt	13,140	1.6%
Pulaski	11,582	1.4%
Pike	11,567	1.4%
McCracken	11,031	1.4%
Oldham	11,019	1.4%
Christian	10,863	1.3%
Whitley	9,429	1.2%
Scott	9,343	1.2%
Boyd	9,300	1.2%
Hopkins	9,146	1.1%
Nelson	9,088	1.1%
Jessamine	8,893	1.1%
Barren	8,816	1.1%
Henderson	8,516	1.1%
Franklin	7,838	1.0%
Shelby	7,747	1.0%
Floyd	7,725	1.0%
Knox	7,666	0.9%
Graves	7,652	0.9%
Greenup	7,131	0.9%

County	Cases	Percent
Perry	6,543	0.8%
Muhlenberg	6,093	0.8%
Taylor	6,088	0.8%
Bell	6,047	0.7%
Harlan	6,031	0.7%
Clark	5,783	0.7%
Boyle	5,707	0.7%
Calloway	5,433	0.7%
Logan	5,369	0.7%
Marshall	5,286	0.7%
Clay	5,243	0.6%
Grayson	5,164	0.6%
Carter	5,025	0.6%
Montgomery	4,823	0.6%
Mercer	4,774	0.6%
Grant	4,764	0.6%
Ohio	4,741	0.6%
Lincoln	4,562	0.6%
Letcher	4,268	0.5%
Marion	4,261	0.5%
Rowan	4,230	0.5%
Russell	4,155	0.5%
Allen	4,094	0.5%
Johnson	4,006	0.5%
Anderson	3,908	0.5%
Woodford	3,883	0.5%
McCreary	3,845	0.5%
Hart	3,828	0.5%
Harrison	3,780	0.5%
Adair	3,769	0.5%

County	Cases	Percent
Meade	3,677	0.5%
Bourbon	3,605	0.4%
Simpson	3,549	0.4%
Wayne	3,477	0.4%
Rockcastle	3,420	0.4%
Breckinridge	3,235	0.4%
Spencer	3,234	0.4%
Morgan	3,073	0.4%
Garrard	3,018	0.4%
Lawrence	2,993	0.4%
Powell	2,958	0.4%
Jackson	2,924	0.4%
Henry	2,914	0.4%
Casey	2,890	0.4%
Lewis	2,853	0.4%
Mason	2,819	0.3%
Union	2,690	0.3%
Caldwell	2,593	0.3%
Webster	2,592	0.3%
Washington	2,564	0.3%
Knott	2,561	0.3%
Green	2,554	0.3%
Butler	2,552	0.3%
Larue	2,532	0.3%
Magoffin	2,531	0.3%
Monroe	2,511	0.3%
Estill	2,497	0.3%
Fleming	2,400	0.3%
Trigg	2,382	0.3%
Clinton	2,377	0.3%

County	Cases	Percent
Leslie	2,332	0.3%
Pendleton	2,225	0.3%
Carroll	2,186	0.3%
Breathitt	2,147	0.3%
Martin	2,098	0.3%
Metcalfe	2,095	0.3%
Lyon	2,054	0.3%
Todd	1,933	0.2%
Bath	1,885	0.2%
Lee	1,824	0.2%
Edmonson	1,671	0.2%
McLean	1,667	0.2%
Owen	1,569	0.2%
Livingston	1,549	0.2%
Hancock	1,547	0.2%
Cumberland	1,441	0.2%
Elliott	1,424	0.2%
Trimble	1,389	0.2%
Gallatin	1,387	0.2%
Crittenden	1,381	0.2%
Bracken	1,348	0.2%
Wolfe	1,316	0.2%
Nicholas	1,290	0.2%
Owsley	1,045	0.1%
Menifee	962	0.1%
Fulton	851	0.1%
Ballard	780	0.1%
Carlisle	702	0.1%
Hickman	593	0.1%
Robertson	408	0.1%

Total Cases  
808,148

## New Cases by County

County	Cases	Percent
Jefferson	332	12.1%
Fayette	155	5.7%
Warren	90	3.3%
Kenton	80	2.9%
Hardin	75	2.7%
McCracken	73	2.7%
Christian	69	2.5%
Madison	63	2.3%
Daviess	62	2.3%
Knox	52	1.9%
Boone	49	1.8%
Pulaski	45	1.6%
Scott	45	1.6%
Franklin	43	1.6%
Pike	39	1.4%
Boyd	38	1.4%
Campbell	38	1.4%
Bullitt	36	1.3%
Oldham	35	1.3%
Nelson	34	1.2%
Grant	33	1.2%
Jessamine	31	1.1%
Barren	30	1.1%
Hopkins	30	1.1%
Clark	29	1.1%
Graves	29	1.1%
Laurel	27	1.0%
McCreary	26	1.0%
Russell	25	0.9%
Muhlenberg	24	0.9%

County	Cases	Percent
Whitley	24	0.9%
Greenup	23	0.8%
Adair	22	0.8%
Carter	22	0.8%
Henderson	22	0.8%
Johnson	22	0.8%
Shelby	22	0.8%
Allen	21	0.8%
Harrison	21	0.8%
Powell	20	0.7%
Taylor	20	0.7%
Marion	19	0.7%
Mason	19	0.7%
Perry	19	0.7%
Clinton	18	0.7%
Floyd	17	0.6%
Harlan	17	0.6%
Lewis	17	0.6%
Livingston	17	0.6%
Marshall	17	0.6%
Menifee	17	0.6%
Wayne	17	0.6%
Anderson	16	0.6%
Lincoln	16	0.6%
Woodford	16	0.6%
Fleming	15	0.5%
Letcher	15	0.5%
Logan	15	0.5%
Rowan	15	0.5%
Washington	15	0.5%

County	Cases	Percent
Grayson	14	0.5%
Montgomery	14	0.5%
Boyle	13	0.5%
Breckinridge	13	0.5%
Casey	13	0.5%
Hart	13	0.5%
Ohio	13	0.5%
Simpson	13	0.5%
Bath	12	0.4%
Cumberland	12	0.4%
Meade	12	0.4%
Bracken	11	0.4%
Lawrence	11	0.4%
Calloway	10	0.4%
Knott	10	0.4%
McLean	10	0.4%
Martin	10	0.4%
Owen	10	0.4%
Carroll	9	0.3%
Henry	9	0.3%
Jackson	9	0.3%
Leslie	9	0.3%
Magoffin	9	0.3%
Wolfe	9	0.3%
Ballard	8	0.3%
Bell	8	0.3%
Butler	8	0.3%
Caldwell	8	0.3%
Estill	8	0.3%
Lee	7	0.3%

County	Cases	Percent
Lyon	7	0.3%
Metcalfe	7	0.3%
Pendleton	7	0.3%
Rockcastle	7	0.3%
Trigg	7	0.3%
Crittenden	6	0.2%
Edmonson	6	0.2%
Morgan	6	0.2%
Todd	6	0.2%
Union	6	0.2%
Bourbon	5	0.2%
Clay	5	0.2%
Green	5	0.2%
Monroe	5	0.2%
Nicholas	5	0.2%
Robertson	5	0.2%
Spencer	5	0.2%
Gallatin	4	0.1%
Hancock	4	0.1%
Mercer	4	0.1%
Trimble	3	0.1%
Webster	3	0.1%
Breathitt	2	0.1%
Elliott	2	0.1%
Garrard	2	0.1%
Carlisle	1	0.0%
Fulton	1	0.0%
Hickman	1	0.0%
Larue	1	0.0%
Owsley	0	0.0%

Total New Cases  
2,736

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,740	15.2%
Fayette	456	4.0%
Hardin	325	2.8%
Kenton	300	2.6%
Daviess	290	2.5%
Warren	289	2.5%
Boone	218	1.9%
Hopkins	218	1.9%
Pike	213	1.9%
Pulaski	208	1.8%
Madison	206	1.8%
McCracken	198	1.7%
Laurel	168	1.5%
Barren	167	1.5%
Christian	160	1.4%
Bullitt	151	1.3%
Harlan	146	1.3%
Floyd	138	1.2%
Graves	135	1.2%
Whitley	135	1.2%
Henderson	128	1.1%
Perry	124	1.1%
Boyd	122	1.1%
Shelby	117	1.0%
Campbell	116	1.0%
Bell	114	1.0%
Jessamine	108	0.9%
Boyle	107	0.9%
Nelson	107	0.9%
Oldham	107	0.9%

County	Deaths	Percent
Franklin	105	0.9%
Lincoln	105	0.9%
Greenup	101	0.9%
Grayson	100	0.9%
Muhlenberg	97	0.8%
Knox	96	0.8%
Taylor	96	0.8%
Logan	93	0.8%
Ohio	89	0.8%
Mercer	88	0.8%
Marshall	85	0.7%
Adair	84	0.7%
Letcher	80	0.7%
Mason	77	0.7%
Allen	76	0.7%
Hart	76	0.7%
Johnson	74	0.6%
Carter	72	0.6%
Wayne	71	0.6%
Montgomery	69	0.6%
Simpson	67	0.6%
Calloway	66	0.6%
Monroe	66	0.6%
Clay	65	0.6%
McCreary	64	0.6%
Scott	64	0.6%
Lewis	63	0.5%
Russell	61	0.5%
Casey	60	0.5%
Garrard	55	0.5%

County	Deaths	Percent
Marion	55	0.5%
Anderson	54	0.5%
Jackson	54	0.5%
Larue	53	0.5%
Caldwell	52	0.5%
Harrison	52	0.5%
Washington	49	0.4%
Metcalfe	48	0.4%
Clark	47	0.4%
Livingston	47	0.4%
Meade	47	0.4%
Breckinridge	45	0.4%
Gallatin	44	0.4%
Lawrence	44	0.4%
Knott	43	0.4%
Rockcastle	43	0.4%
Rowan	43	0.4%
Union	43	0.4%
Butler	42	0.4%
Webster	42	0.4%
Bourbon	41	0.4%
Breathitt	41	0.4%
Fleming	41	0.4%
Grant	41	0.4%
McLean	41	0.4%
Spencer	40	0.3%
Lee	39	0.3%
Crittenden	37	0.3%
Martin	37	0.3%
Clinton	36	0.3%

County	Deaths	Percent
Todd	36	0.3%
Estill	35	0.3%
Green	35	0.3%
Henry	35	0.3%
Bath	33	0.3%
Edmonson	33	0.3%
Leslie	33	0.3%
Woodford	33	0.3%
Carroll	32	0.3%
Magoffin	31	0.3%
Lyon	28	0.2%
Owen	28	0.2%
Trigg	28	0.2%
Nicholas	26	0.2%
Pendleton	26	0.2%
Ballard	25	0.2%
Menifee	25	0.2%
Powell	25	0.2%
Trimble	25	0.2%
Hickman	22	0.2%
Owsley	22	0.2%
Fulton	21	0.2%
Cumberland	19	0.2%
Bracken	18	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  
11,479

## Incidence Rates by County

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

County	Rate
Powell	104.0
McLean	104.0
Owen	99.6
Lewis	95.8
Menifee	92.5
Union	89.4
Knox	88.5
Bath	88.0
Carroll	86.0
Metcalfe	85.1
Lawrence	83.0
Henry	76.2
Harrison	75.6
Robertson	74.5
Harlan	74.1
Cumberland	71.3
Madison	70.5
Livingston	69.9
Wolfe	67.9
Monroe	67.1
Simpson	64.6
Woodford	64.1
Marion	63.7
Hancock	62.2
Nelson	61.8
Barren	61.7
Magoffin	61.1
Hardin	60.8
Spencer	60.5
Daviess	60.5

County	Rate
Russell	59.8
Whitley	59.5
Ohio	58.9
Breckinridge	58.6
Letcher	58.3
Greenup	58.2
Grant	58.1
Allen	57.0
Fleming	56.8
Jackson	56.8
Gallatin	56.4
Hart	56.3
Muhlenberg	56.0
Warren	55.9
Washington	55.5
Crittenden	53.5
Boyd	53.5
Pike	52.8
Caldwell	52.7
McCracken	52.2
Henderson	52.1
Trigg	51.7
Carter	51.2
Bourbon	49.8
Anderson	49.0
Logan	48.5
Bracken	48.2
Oldham	47.9
Rowan	47.9
Bullitt	47.2

County	Rate
Trimble	47.2
Franklin	47.1
Rockcastle	47.1
Lyon	47.0
Boone	46.5
Laurel	46.0
Martin	45.9
Edmonson	45.9
Carlisle	45.0
Floyd	43.8
Kenton	43.7
Mason	43.5
Ballard	43.5
Leslie	43.4
Webster	43.0
Jessamine	42.8
Hopkins	42.5
Graves	42.2
Clinton	41.9
Perry	41.6
Shelby	41.1
Adair	40.9
Estill	40.5
Campbell	40.1
Grayson	40.0
Butler	39.9
Scott	39.8
Jefferson	39.5
Mercer	39.1
Fayette	38.6

County	Rate
Garrard	38.0
Meade	37.5
Bell	37.3
Pendleton	37.2
Casey	34.5
Taylor	34.4
Lee	32.8
Clark	32.3
Christian	31.2
Morgan	31.1
Nicholas	29.5
Owsley	29.1
Larue	28.8
McCreary	28.2
Calloway	27.1
Elliott	26.6
Johnson	26.4
Marshall	25.7
Clay	25.1
Boyle	24.2
Fulton	23.9
Knott	23.2
Montgomery	22.8
Lincoln	22.1
Green	18.3
Pulaski	15.6
Breathitt	13.6
Wayne	9.8
Hickman	9.8
Todd	9.3

**Current Overall Incidence Rate**  
46.53 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.