

# KY COVID-19 Report 30DEC21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	862,572	604,118	258,454
Deaths	12,145	10,669	1,476
New Cases	6,441	3,857	2,584
New Cases 18 and Under	1,103	631	472
Total New Deaths	27	25	2

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

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
62,622	7.3%	0-9	0.0%	2
118,495	13.7%	10-19	0.1%	9
147,342	17.1%	20-29	0.4%	45
134,444	15.6%	30-39	1.3%	155
124,316	14.4%	40-49	3.9%	468
113,962	13.2%	50-59	9.8%	1,185
84,838	9.8%	60-69	20.1%	2,438
49,016	5.7%	70-79	27.0%	3,280
27,290	3.2%	80+	37.6%	4,563
247	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,566	0.4%	American Indian	0.1%	15
6,397	0.9%	Asian	0.5%	53
55,771	7.7%	Black	7.1%	819
382	0.1%	Pacific Islander	0.1%	7
622,662	86.0%	White	89.5%	10,398
36,607	5.1%	Multiracial	2.8%	322

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
30,633	4.4%	Hispanic	1.5%	171
658,443	95.6%	Non-Hispanic	98.5%	11,157

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 84.0% of cases and 95.6% of deaths  
Ethnicity known for 79.9% of cases and 93.3% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
17,025	104,440	16.30%

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
11,356,267	8,258,045	405,982	2,408,993	1,048,312	712,738	54,948	280,626

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,775	4.03%
Ever ICU	6,671	0.77%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,511
ICU	378
On Ventilator	226

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,403	3,671	71.9%
ICU Beds	1,310	112	92.1%
Ventilators	705	1,201	37.0%

### 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	114	32	16	14.2%	38.6%	16.5%	65.34%	95.18%	29.90%
Region 2	90	24	14	11.6%	32.9%	16.3%	72.77%	91.78%	46.51%
Region 3	530	133	73	14.2%	34.2%	16.3%	72.95%	96.14%	42.41%
Region 4	68	21	12	8.2%	23.6%	9.2%	66.15%	97.75%	20.00%
Region 5	236	61	44	8.7%	17.4%	7.8%	79.39%	91.74%	39.25%
Region 6	153	29	18	12.4%	35.8%	14.1%	85.04%	98.77%	46.09%
Region 7	80	19	11	12.3%	22.9%	8.5%	71.12%	66.27%	20.93%
Region 8	124	23	16	10.4%	18.3%	10.4%	58.30%	91.27%	38.96%
Region 9	87	22	17	13.2%	23.4%	17.0%	62.25%	82.98%	27.00%
Region 10	29	14	5	6.0%	26.4%	7.0%	55.42%	100.00%	36.62%

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	140,271	16.3%
Fayette	59,076	6.8%
Warren	29,124	3.4%
Kenton	28,578	3.3%
Boone	24,545	2.8%
Hardin	20,988	2.4%
Daviess	20,218	2.3%
Madison	18,691	2.2%
Campbell	14,949	1.7%
Laurel	14,135	1.6%
Bullitt	14,015	1.6%
Pulaski	12,210	1.4%
Pike	12,185	1.4%
McCracken	11,880	1.4%
Oldham	11,870	1.4%
Christian	11,287	1.3%
Boyd	10,172	1.2%
Scott	10,077	1.2%
Whitley	9,808	1.1%
Nelson	9,692	1.1%
Hopkins	9,551	1.1%
Jessamine	9,509	1.1%
Barren	9,273	1.1%
Henderson	9,002	1.0%
Franklin	8,467	1.0%
Shelby	8,161	0.9%
Floyd	8,122	0.9%
Knox	8,037	0.9%
Graves	8,027	0.9%
Greenup	7,662	0.9%

County	Cases	Percent
Perry	6,930	0.8%
Muhlenberg	6,470	0.8%
Taylor	6,396	0.7%
Clark	6,340	0.7%
Harlan	6,314	0.7%
Bell	6,221	0.7%
Boyle	5,949	0.7%
Logan	5,676	0.7%
Calloway	5,660	0.7%
Marshall	5,613	0.7%
Carter	5,507	0.6%
Grayson	5,397	0.6%
Clay	5,387	0.6%
Grant	5,089	0.6%
Ohio	5,033	0.6%
Montgomery	5,027	0.6%
Mercer	4,957	0.6%
Lincoln	4,727	0.5%
Letcher	4,555	0.5%
Rowan	4,498	0.5%
Marion	4,486	0.5%
Russell	4,367	0.5%
Allen	4,360	0.5%
Woodford	4,168	0.5%
Anderson	4,164	0.5%
Johnson	4,163	0.5%
McCreary	4,067	0.5%
Hart	4,044	0.5%
Harrison	4,005	0.5%
Adair	3,980	0.5%

County	Cases	Percent
Meade	3,891	0.5%
Bourbon	3,853	0.4%
Simpson	3,797	0.4%
Wayne	3,722	0.4%
Rockcastle	3,557	0.4%
Breckinridge	3,500	0.4%
Spencer	3,444	0.4%
Garrard	3,216	0.4%
Morgan	3,201	0.4%
Lawrence	3,185	0.4%
Henry	3,162	0.4%
Powell	3,151	0.4%
Lewis	3,139	0.4%
Jackson	3,092	0.4%
Mason	3,062	0.4%
Casey	2,986	0.3%
Union	2,966	0.3%
Washington	2,724	0.3%
Caldwell	2,718	0.3%
Knott	2,688	0.3%
Webster	2,684	0.3%
Green	2,674	0.3%
Monroe	2,668	0.3%
Estill	2,659	0.3%
Butler	2,647	0.3%
Magoffin	2,639	0.3%
Larue	2,627	0.3%
Fleming	2,592	0.3%
Trigg	2,570	0.3%
Clinton	2,501	0.3%

County	Cases	Percent
Leslie	2,457	0.3%
Pendleton	2,398	0.3%
Carroll	2,355	0.3%
Breathitt	2,290	0.3%
Martin	2,235	0.3%
Metcalfe	2,217	0.3%
Lyon	2,112	0.2%
Todd	2,032	0.2%
Bath	2,023	0.2%
Lee	1,908	0.2%
Edmonson	1,781	0.2%
McLean	1,766	0.2%
Hancock	1,694	0.2%
Owen	1,694	0.2%
Livingston	1,653	0.2%
Cumberland	1,535	0.2%
Trimble	1,526	0.2%
Gallatin	1,503	0.2%
Wolfe	1,501	0.2%
Elliott	1,490	0.2%
Crittenden	1,461	0.2%
Bracken	1,460	0.2%
Nicholas	1,349	0.2%
Menifee	1,092	0.1%
Owsley	1,062	0.1%
Fulton	873	0.1%
Ballard	838	0.1%
Carlisle	749	0.1%
Hickman	611	0.1%
Robertson	451	0.1%

Total Cases  
862,572

## New Cases by County

County	Cases	Percent
Jefferson	1,868	29.0%
Fayette	636	9.9%
Warren	272	4.2%
Kenton	242	3.8%
Hardin	172	2.7%
Boone	167	2.6%
Campbell	138	2.1%
Oldham	114	1.8%
Daviess	110	1.7%
Bullitt	103	1.6%
Madison	95	1.5%
Pike	88	1.4%
Boyd	81	1.3%
McCracken	81	1.3%
Jessamine	79	1.2%
Scott	73	1.1%
Shelby	69	1.1%
Franklin	68	1.1%
Laurel	58	0.9%
Nelson	57	0.9%
Barren	53	0.8%
Graves	47	0.7%
Floyd	45	0.7%
Hopkins	45	0.7%
Greenup	44	0.7%
Muhlenberg	43	0.7%
Logan	42	0.7%
Letcher	39	0.6%
Simpson	39	0.6%
Clark	38	0.6%

County	Cases	Percent
Calloway	37	0.6%
Henderson	36	0.6%
Woodford	36	0.6%
Knox	35	0.5%
Marshall	34	0.5%
Allen	33	0.5%
Edmonson	33	0.5%
Harlan	33	0.5%
Pulaski	31	0.5%
Anderson	30	0.5%
Breckinridge	30	0.5%
Marion	30	0.5%
Spencer	29	0.5%
Garrard	28	0.4%
Lewis	28	0.4%
Hart	27	0.4%
Christian	26	0.4%
Ohio	26	0.4%
Russell	26	0.4%
Bourbon	25	0.4%
Clay	25	0.4%
Whitley	25	0.4%
Lincoln	24	0.4%
Mercer	24	0.4%
Carter	23	0.4%
Grayson	23	0.4%
Perry	23	0.4%
Union	22	0.3%
Cumberland	21	0.3%
Grant	21	0.3%

County	Cases	Percent
Henry	21	0.3%
Monroe	21	0.3%
Powell	21	0.3%
Rowan	21	0.3%
Harrison	20	0.3%
Taylor	20	0.3%
Rockcastle	19	0.3%
Lawrence	18	0.3%
Bell	17	0.3%
Caldwell	17	0.3%
Mason	17	0.3%
Boyle	16	0.2%
Owen	16	0.2%
Pendleton	16	0.2%
Wayne	16	0.2%
Trigg	15	0.2%
Washington	15	0.2%
Breathitt	12	0.2%
Hancock	12	0.2%
Meade	12	0.2%
Butler	11	0.2%
Crittenden	11	0.2%
Gallatin	11	0.2%
Metcalfe	11	0.2%
Jackson	10	0.2%
Bath	9	0.1%
Bracken	9	0.1%
Knott	9	0.1%
Adair	8	0.1%
Fleming	8	0.1%

County	Cases	Percent
McLean	8	0.1%
Montgomery	8	0.1%
Todd	8	0.1%
Webster	8	0.1%
Wolfe	8	0.1%
Carroll	7	0.1%
Lee	7	0.1%
Magoffin	7	0.1%
Martin	7	0.1%
Nicholas	7	0.1%
Ballard	6	0.1%
Johnson	6	0.1%
Leslie	6	0.1%
Casey	5	0.1%
Clinton	5	0.1%
Estill	5	0.1%
Livingston	5	0.1%
Lyon	5	0.1%
Morgan	5	0.1%
Trimble	5	0.1%
Elliott	4	0.1%
Green	4	0.1%
Larue	4	0.1%
Hickman	3	0.0%
McCreary	3	0.0%
Owsley	3	0.0%
Robertson	2	0.0%
Menifee	1	0.0%
Carlisle	0	0.0%
Fulton	0	0.0%

Total New Cases  
6,441

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,839	15.1%
Fayette	476	3.9%
Hardin	344	2.8%
Kenton	317	2.6%
Daviess	314	2.6%
Warren	303	2.5%
Boone	231	1.9%
Pike	223	1.8%
Pulaski	222	1.8%
Hopkins	219	1.8%
Madison	213	1.8%
McCracken	202	1.7%
Barren	179	1.5%
Laurel	178	1.5%
Christian	174	1.4%
Bullitt	160	1.3%
Harlan	160	1.3%
Floyd	146	1.2%
Whitley	141	1.2%
Graves	139	1.1%
Henderson	133	1.1%
Perry	132	1.1%
Boyd	129	1.1%
Shelby	129	1.1%
Campbell	121	1.0%
Bell	120	1.0%
Boyle	116	1.0%
Franklin	114	0.9%
Jessamine	113	0.9%
Oldham	113	0.9%

County	Deaths	Percent
Nelson	111	0.9%
Greenup	110	0.9%
Grayson	107	0.9%
Knox	107	0.9%
Lincoln	106	0.9%
Muhlenberg	101	0.8%
Taylor	100	0.8%
Logan	98	0.8%
Mercer	94	0.8%
Ohio	91	0.7%
Adair	89	0.7%
Letcher	86	0.7%
Marshall	85	0.7%
Allen	82	0.7%
Mason	81	0.7%
Carter	78	0.6%
Hart	78	0.6%
Johnson	78	0.6%
Scott	75	0.6%
Montgomery	74	0.6%
Simpson	72	0.6%
Wayne	72	0.6%
Calloway	70	0.6%
Clay	69	0.6%
Lewis	68	0.6%
Monroe	68	0.6%
McCreary	66	0.5%
Marion	63	0.5%
Russell	62	0.5%
Casey	61	0.5%

County	Deaths	Percent
Garrard	59	0.5%
Jackson	58	0.5%
Anderson	57	0.5%
Larue	57	0.5%
Harrison	56	0.5%
Caldwell	54	0.4%
Breckinridge	51	0.4%
Washington	51	0.4%
Meade	50	0.4%
Metcalfe	50	0.4%
Livingston	49	0.4%
Clark	48	0.4%
Lawrence	48	0.4%
Breathitt	47	0.4%
Knott	47	0.4%
Rowan	46	0.4%
Union	46	0.4%
Rockcastle	45	0.4%
Webster	45	0.4%
Gallatin	44	0.4%
Spencer	44	0.4%
Butler	43	0.4%
McLean	43	0.4%
Bourbon	42	0.3%
Fleming	42	0.3%
Lee	42	0.3%
Clinton	41	0.3%
Grant	41	0.3%
Martin	39	0.3%
Crittenden	38	0.3%

County	Deaths	Percent
Henry	38	0.3%
Todd	38	0.3%
Estill	37	0.3%
Leslie	37	0.3%
Woodford	37	0.3%
Green	35	0.3%
Magoffin	35	0.3%
Bath	34	0.3%
Carroll	34	0.3%
Edmonson	34	0.3%
Trigg	31	0.3%
Trimble	30	0.2%
Lyon	29	0.2%
Nicholas	29	0.2%
Owen	29	0.2%
Pendleton	29	0.2%
Powell	28	0.2%
Ballard	26	0.2%
Menifee	26	0.2%
Fulton	23	0.2%
Owsley	23	0.2%
Hickman	22	0.2%
Cumberland	21	0.2%
Bracken	20	0.2%
Hancock	19	0.2%
Robertson	18	0.1%
Morgan	17	0.1%
Carlisle	14	0.1%
Wolfe	14	0.1%
Elliott	13	0.1%

Total Deaths  
12,145

## Incidence Rates by County

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

County	Rate
Jefferson	117.5
Wolfe	105.8
Fayette	97.6
Simpson	90.8
Lewis	88.2
Boyd	85.6
Powell	85.5
Oldham	83.8
Greenup	81.0
Carter	80.5
Boone	79.4
Henry	78.8
Edmonson	78.8
Kenton	77.7
Warren	77.0
Logan	75.4
Muhlenberg	75.1
Campbell	74.2
Cumberland	73.4
Union	72.5
Jessamine	71.8
Allen	71.7
Nelson	71.1
Hancock	70.4
Monroe	69.8
Letcher	69.6
Gallatin	69.3
Woodford	68.9
Harrison	67.3
Spencer	67.2

County	Rate
Bullitt	66.1
Daviess	65.0
Marion	64.5
Trimble	64.1
Metcalfe	63.8
Graves	63.6
Pike	63.4
Bourbon	62.8
McCracken	60.9
Rowan	60.7
Caldwell	60.5
Floyd	59.8
Clark	59.1
Hardin	58.8
Pendleton	58.7
Perry	58.2
Garrard	58.2
Barren	56.8
Scott	56.6
Anderson	56.5
Carroll	56.4
Marshall	55.6
Washington	55.5
Franklin	55.2
Breckinridge	55.1
Madison	55.0
Laurel	54.3
Russell	54.2
Ohio	54.2
Grant	54.1

County	Rate
Hart	54.0
Magoffin	52.9
McLean	52.8
Whitley	51.6
Taylor	51.6
Rockcastle	51.3
Owen	51.1
Martin	51.0
Breathitt	50.9
Hopkins	50.5
Jackson	50.4
Mason	50.2
Lawrence	49.4
Lee	48.2
Fleming	48.0
Todd	47.6
Shelby	47.5
Crittenden	45.4
Grayson	45.4
Carlisle	45.0
Green	44.4
Bath	43.4
Leslie	43.4
Calloway	43.2
Mercer	43.0
Larue	42.7
Webster	41.9
Boyle	41.8
Harlan	41.2
Trigg	41.0

County	Rate
Knott	40.5
Clay	40.2
Adair	37.2
Henderson	37.0
Hickman	35.9
Nicholas	35.4
Menifee	35.2
Knox	33.9
Lyon	33.1
Bracken	32.7
Estill	30.4
Wayne	30.2
Bell	29.6
Johnson	29.6
Owsley	29.1
Ballard	29.0
Robertson	27.1
Meade	27.0
Clinton	26.6
Livingston	26.4
Butler	25.5
Christian	25.1
Lincoln	22.1
Elliott	20.9
McCreary	18.2
Casey	16.8
Morgan	15.0
Montgomery	14.7
Pulaski	13.0
Fulton	7.2

**Current Overall Incidence Rate**  
70.75 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.