

# KY COVID-19 Report 02DEC21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	792,015	559,440	232,575
Deaths	11,027	9,710	1,317
New Cases	2,841	1,756	1,085
New Cases 18 and Under	718	423	295
Total New Deaths	40	37	3

Duplicates and records not meeting case criteria removed since last report: 51

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
56,065	7.1%	0-9	0.0%	2
109,081	13.8%	10-19	0.1%	7
134,687	17.0%	20-29	0.4%	42
122,831	15.5%	30-39	1.3%	138
114,341	14.4%	40-49	3.7%	411
104,868	13.2%	50-59	9.5%	1,044
78,446	9.9%	60-69	19.8%	2,180
45,612	5.8%	70-79	26.9%	2,970
25,841	3.3%	80+	38.4%	4,233
243	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,227	0.3%	American Indian	0.1%	12
5,814	0.9%	Asian	0.5%	50
51,234	7.7%	Black	7.2%	763
381	0.1%	Pacific Islander	0.1%	7
573,321	85.9%	White	89.3%	9,403
34,225	5.1%	Multiracial	2.8%	298

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
28,790	4.5%	Hispanic	1.5%	159
606,263	95.5%	Non-Hispanic	98.5%	10,103

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 84.2% of cases and 95.5% of deaths  
Ethnicity known for 80.2% of cases and 93.1% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
7,339	79,814	9.20%

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
10,607,599	7,797,568	401,842	2,140,240	962,563	657,356	53,864	251,343

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	33,181	4.19%
Ever ICU	6,422	0.81%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	987
ICU	259
On Ventilator	132

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,303	3,810	70.9%
ICU Beds	1,249	172	87.9%
Ventilators	593	1,309	31.2%

### 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	32	11	5	4.2%	14.1%	5.5%	59.51%	87.18%	20.88%
Region 2	73	14	10	9.4%	18.2%	11.2%	70.47%	79.22%	28.09%
Region 3	338	81	35	9.1%	22.0%	7.7%	73.37%	93.22%	35.18%
Region 4	64	12	10	7.2%	13.8%	7.6%	58.55%	96.55%	18.32%
Region 5	170	56	26	6.2%	15.2%	4.6%	80.53%	90.51%	32.50%
Region 6	88	19	9	7.2%	23.8%	7.1%	85.34%	100.00%	42.52%
Region 7	62	18	11	9.4%	22.2%	8.9%	69.29%	50.62%	19.51%
Region 8	85	23	15	6.9%	16.5%	9.7%	56.15%	82.73%	41.56%
Region 9	59	19	8	9.0%	20.9%	8.1%	61.70%	85.71%	22.22%
Region 10	16	6	3	3.3%	12.0%	4.1%	55.83%	88.00%	26.03%

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	126,910	16.0%
Fayette	54,029	6.8%
Warren	27,165	3.4%
Kenton	25,805	3.3%
Boone	22,143	2.8%
Hardin	19,280	2.4%
Daviess	18,450	2.3%
Madison	17,034	2.2%
Campbell	13,427	1.7%
Laurel	13,296	1.7%
Bullitt	12,870	1.6%
Pulaski	11,363	1.4%
Pike	11,331	1.4%
Oldham	10,791	1.4%
McCracken	10,720	1.4%
Christian	10,703	1.4%
Whitley	9,269	1.2%
Scott	9,156	1.2%
Boyd	9,101	1.1%
Hopkins	9,009	1.1%
Nelson	8,882	1.1%
Jessamine	8,721	1.1%
Barren	8,614	1.1%
Henderson	8,344	1.1%
Franklin	7,647	1.0%
Floyd	7,608	1.0%
Shelby	7,606	1.0%
Graves	7,539	1.0%
Knox	7,451	0.9%
Greenup	6,976	0.9%

County	Cases	Percent
Perry	6,440	0.8%
Bell	5,978	0.8%
Taylor	5,978	0.8%
Muhlenberg	5,969	0.8%
Harlan	5,879	0.7%
Boyle	5,651	0.7%
Clark	5,634	0.7%
Calloway	5,356	0.7%
Logan	5,273	0.7%
Marshall	5,233	0.7%
Clay	5,207	0.7%
Grayson	5,069	0.6%
Carter	4,920	0.6%
Montgomery	4,769	0.6%
Mercer	4,710	0.6%
Ohio	4,640	0.6%
Grant	4,627	0.6%
Lincoln	4,509	0.6%
Marion	4,179	0.5%
Letcher	4,169	0.5%
Rowan	4,135	0.5%
Russell	4,054	0.5%
Allen	4,001	0.5%
Johnson	3,946	0.5%
Anderson	3,826	0.5%
Woodford	3,763	0.5%
Hart	3,750	0.5%
McCreary	3,694	0.5%
Adair	3,690	0.5%
Harrison	3,672	0.5%

County	Cases	Percent
Meade	3,600	0.5%
Bourbon	3,536	0.4%
Simpson	3,462	0.4%
Wayne	3,407	0.4%
Rockcastle	3,364	0.4%
Breckinridge	3,155	0.4%
Spencer	3,148	0.4%
Morgan	3,011	0.4%
Garrard	2,968	0.4%
Lawrence	2,898	0.4%
Jackson	2,868	0.4%
Powell	2,866	0.4%
Henry	2,827	0.4%
Casey	2,819	0.4%
Lewis	2,758	0.3%
Mason	2,757	0.3%
Union	2,598	0.3%
Webster	2,549	0.3%
Knott	2,534	0.3%
Caldwell	2,532	0.3%
Green	2,518	0.3%
Butler	2,514	0.3%
Washington	2,511	0.3%
Larue	2,504	0.3%
Magoffin	2,472	0.3%
Monroe	2,464	0.3%
Estill	2,454	0.3%
Fleming	2,340	0.3%
Trigg	2,319	0.3%
Clinton	2,302	0.3%

County	Cases	Percent
Leslie	2,301	0.3%
Pendleton	2,188	0.3%
Breathitt	2,133	0.3%
Carroll	2,121	0.3%
Martin	2,054	0.3%
Metcalfe	2,032	0.3%
Lyon	2,022	0.3%
Todd	1,909	0.2%
Lee	1,805	0.2%
Bath	1,797	0.2%
Edmonson	1,632	0.2%
McLean	1,599	0.2%
Hancock	1,507	0.2%
Livingston	1,497	0.2%
Owen	1,494	0.2%
Elliott	1,399	0.2%
Cumberland	1,382	0.2%
Trimble	1,360	0.2%
Gallatin	1,352	0.2%
Crittenden	1,346	0.2%
Bracken	1,300	0.2%
Wolfe	1,282	0.2%
Nicholas	1,272	0.2%
Owsley	1,037	0.1%
Menifee	912	0.1%
Fulton	841	0.1%
Ballard	748	0.1%
Carlisle	685	0.1%
Hickman	588	0.1%
Robertson	395	0.0%

Total Cases  
792,015

## New Cases by County

County	Cases	Percent
Jefferson	342	12.0%
Kenton	142	5.0%
Fayette	129	4.5%
Daviess	109	3.8%
Warren	105	3.7%
Boone	95	3.3%
Hardin	77	2.7%
Madison	74	2.6%
Campbell	67	2.4%
Jessamine	54	1.9%
Pulaski	52	1.8%
Bullitt	50	1.8%
Oldham	50	1.8%
McCracken	44	1.5%
Barren	39	1.4%
Floyd	39	1.4%
Nelson	39	1.4%
Christian	36	1.3%
Greenup	35	1.2%
Scott	35	1.2%
Woodford	35	1.2%
Pike	33	1.2%
Harlan	31	1.1%
Boyd	30	1.1%
Franklin	30	1.1%
Henderson	30	1.1%
Laurel	29	1.0%
Carter	28	1.0%
Muhlenberg	27	1.0%
Cumberland	26	0.9%

County	Cases	Percent
Grant	26	0.9%
Graves	26	0.9%
Shelby	26	0.9%
Breckinridge	25	0.9%
Taylor	23	0.8%
Anderson	22	0.8%
Harrison	21	0.7%
Allen	20	0.7%
Bourbon	20	0.7%
Union	20	0.7%
Whitley	20	0.7%
Powell	19	0.7%
McCreary	17	0.6%
Fleming	16	0.6%
Hopkins	16	0.6%
Lewis	16	0.6%
Logan	16	0.6%
Rowan	16	0.6%
Clark	15	0.5%
Grayson	15	0.5%
Hancock	15	0.5%
Magoffin	15	0.5%
Simpson	15	0.5%
Jackson	14	0.5%
Russell	14	0.5%
Butler	13	0.5%
Clay	13	0.5%
Green	13	0.5%
Knox	13	0.5%
McLean	13	0.5%

County	Cases	Percent
Spencer	13	0.5%
Letcher	12	0.4%
Bell	11	0.4%
Calloway	11	0.4%
Clinton	11	0.4%
Lawrence	11	0.4%
Marshall	11	0.4%
Ohio	11	0.4%
Owen	11	0.4%
Perry	11	0.4%
Rockcastle	11	0.4%
Casey	10	0.4%
Edmonson	10	0.4%
Meade	10	0.4%
Mercer	10	0.4%
Pendleton	10	0.4%
Todd	10	0.4%
Wayne	10	0.4%
Adair	9	0.3%
Trimble	9	0.3%
Hart	8	0.3%
Lincoln	8	0.3%
Livingston	8	0.3%
Boyle	7	0.2%
Carroll	7	0.2%
Estill	7	0.2%
Henry	7	0.2%
Marion	7	0.2%
Metcalfe	7	0.2%
Robertson	7	0.2%

County	Cases	Percent
Webster	7	0.2%
Breathitt	6	0.2%
Gallatin	6	0.2%
Larue	6	0.2%
Wolfe	6	0.2%
Bath	5	0.2%
Bracken	5	0.2%
Garrard	5	0.2%
Johnson	5	0.2%
Knott	5	0.2%
Martin	5	0.2%
Mason	5	0.2%
Monroe	5	0.2%
Montgomery	5	0.2%
Nicholas	5	0.2%
Washington	5	0.2%
Fulton	4	0.1%
Menifee	4	0.1%
Trigg	4	0.1%
Owsley	3	0.1%
Ballard	2	0.1%
Lyon	2	0.1%
Morgan	2	0.1%
Caldwell	1	0.0%
Carlisle	1	0.0%
Crittenden	1	0.0%
Hickman	1	0.0%
Elliott	0	0.0%
Lee	0	0.0%
Leslie	0	0.0%

Total New Cases  
2,841

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,707	15.5%
Fayette	448	4.1%
Hardin	316	2.9%
Kenton	284	2.6%
Daviess	283	2.6%
Warren	279	2.5%
Hopkins	214	1.9%
Boone	213	1.9%
Pike	207	1.9%
Madison	197	1.8%
Pulaski	195	1.8%
McCracken	194	1.8%
Barren	161	1.5%
Laurel	157	1.4%
Christian	149	1.4%
Bullitt	145	1.3%
Harlan	143	1.3%
Floyd	132	1.2%
Graves	131	1.2%
Henderson	123	1.1%
Perry	120	1.1%
Boyd	118	1.1%
Shelby	115	1.0%
Campbell	112	1.0%
Whitley	110	1.0%
Bell	106	1.0%
Jessamine	106	1.0%
Lincoln	103	0.9%
Oldham	102	0.9%
Nelson	101	0.9%

County	Deaths	Percent
Franklin	100	0.9%
Grayson	100	0.9%
Muhlenberg	97	0.9%
Boyle	96	0.9%
Greenup	94	0.9%
Logan	90	0.8%
Taylor	89	0.8%
Ohio	88	0.8%
Mercer	84	0.8%
Adair	83	0.8%
Marshall	81	0.7%
Knox	79	0.7%
Letcher	76	0.7%
Allen	75	0.7%
Mason	74	0.7%
Hart	72	0.7%
Carter	70	0.6%
Wayne	67	0.6%
Montgomery	65	0.6%
Calloway	64	0.6%
Clay	64	0.6%
Johnson	64	0.6%
Monroe	64	0.6%
Scott	62	0.6%
Simpson	62	0.6%
Lewis	60	0.5%
McCreary	60	0.5%
Russell	59	0.5%
Casey	57	0.5%
Garrard	54	0.5%

County	Deaths	Percent
Jackson	53	0.5%
Larue	53	0.5%
Marion	53	0.5%
Anderson	52	0.5%
Caldwell	52	0.5%
Harrison	52	0.5%
Washington	48	0.4%
Meade	47	0.4%
Metcalfe	47	0.4%
Clark	45	0.4%
Livingston	45	0.4%
Lawrence	44	0.4%
Knott	43	0.4%
Gallatin	42	0.4%
Webster	42	0.4%
Breathitt	41	0.4%
Breckinridge	41	0.4%
Butler	41	0.4%
McLean	41	0.4%
Fleming	40	0.4%
Grant	40	0.4%
Spencer	40	0.4%
Union	40	0.4%
Bourbon	38	0.3%
Rockcastle	38	0.3%
Crittenden	37	0.3%
Lee	37	0.3%
Martin	37	0.3%
Rowan	37	0.3%
Todd	35	0.3%

County	Deaths	Percent
Clinton	34	0.3%
Green	34	0.3%
Bath	33	0.3%
Edmonson	33	0.3%
Henry	33	0.3%
Carroll	31	0.3%
Leslie	31	0.3%
Woodford	31	0.3%
Owen	28	0.3%
Magoffin	27	0.2%
Lyon	26	0.2%
Pendleton	25	0.2%
Trigg	25	0.2%
Nicholas	24	0.2%
Powell	24	0.2%
Menifee	23	0.2%
Ballard	22	0.2%
Hickman	22	0.2%
Estill	21	0.2%
Fulton	21	0.2%
Owsley	21	0.2%
Trimble	21	0.2%
Cumberland	18	0.2%
Hancock	18	0.2%
Bracken	16	0.1%
Robertson	16	0.1%
Wolfe	13	0.1%
Carlisle	12	0.1%
Elliott	11	0.1%
Morgan	11	0.1%

Total Deaths  
11,027

## Incidence Rates by County

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

County	Rate
Cumberland	110.2
Robertson	101.7
Powell	94.8
Carroll	88.7
Harlan	77.4
Lawrence	76.5
Greenup	70.8
Hancock	70.4
Magoffin	69.3
Monroe	68.4
Fleming	67.6
Harrison	63.5
McLean	62.1
Woodford	61.5
Lewis	59.2
Estill	57.7
Spencer	56.1
Carter	56.0
Trimble	55.7
Metcalfe	55.3
Floyd	55.0
Rowan	54.9
Barren	54.9
Jackson	54.7
Simpson	54.6
Muhlenberg	52.7
Boyd	52.0
Bracken	51.6
Daviess	50.7
Butler	49.9

County	Rate
Ohio	49.4
Jessamine	49.1
Menifee	48.4
Grant	47.9
Allen	47.6
Nelson	46.3
Clinton	46.1
Madison	46.1
Marion	46.0
Wolfe	45.9
Union	44.7
Breckinridge	44.0
Pike	43.7
Warren	43.6
Gallatin	43.5
Hardin	42.9
Anderson	42.7
Pendleton	42.1
Owen	41.9
Bourbon	41.9
Oldham	41.1
Boone	40.4
Washington	39.0
Kenton	38.5
Hart	38.3
Bullitt	38.0
Mason	37.7
Russell	37.5
Laurel	36.9
Graves	36.4

County	Rate
Henry	36.3
Rockcastle	35.9
Whitley	35.8
Larue	35.7
Campbell	35.0
Fulton	33.5
Grayson	33.0
Letcher	32.5
McCracken	30.4
Jefferson	30.1
Edmonson	29.4
Todd	29.1
Leslie	28.9
Hopkins	28.8
Henderson	28.8
Bath	28.6
Breathitt	28.3
Franklin	28.0
Shelby	28.0
Lyon	27.8
Webster	27.6
Adair	27.5
Nicholas	27.5
Garrard	27.5
Mercer	27.4
Marshall	26.2
Knox	26.1
Fayette	25.6
Scott	25.1
Perry	23.3

County	Rate
Bell	23.0
Casey	23.0
Knott	22.2
Logan	22.1
Martin	21.7
Clay	21.5
Taylor	21.1
Carlisle	21.0
Meade	20.5
Montgomery	20.3
Johnson	20.0
Lee	19.3
Christian	18.7
Livingston	18.6
Boyle	18.1
McCreary	16.6
Hickman	16.3
Lincoln	16.3
Clark	16.2
Crittenden	14.6
Ballard	14.5
Pulaski	14.3
Calloway	13.9
Owsley	12.9
Green	11.8
Trigg	11.7
Elliott	11.4
Morgan	10.7
Wayne	10.5
Caldwell	9.0

**Current Overall Incidence Rate**  
35.80 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.