

# KY COVID-19 Report 15DEC21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	820,715	577,439	243,276
Deaths	11,693	10,275	1,418
New Cases	2,913	1,699	1,214
New Cases 18 and Under	765	364	401
Total New Deaths	17	15	2

Duplicates and records not meeting case criteria removed since last report: 16

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
59,217	7.2%	0-9	0.0%	2
113,418	13.8%	10-19	0.1%	8
139,096	16.9%	20-29	0.4%	44
127,419	15.5%	30-39	1.3%	150
118,256	14.4%	40-49	3.9%	453
108,507	13.2%	50-59	9.7%	1,129
81,066	9.9%	60-69	20.1%	2,350
47,023	5.7%	70-79	26.9%	3,147
26,469	3.2%	80+	37.7%	4,410
244	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,364	0.3%	American Indian	0.1%	14
6,027	0.9%	Asian	0.5%	52
52,752	7.6%	Black	7.1%	795
381	0.1%	Pacific Islander	0.1%	7
594,297	86.0%	White	89.5%	10,000
35,277	5.1%	Multiracial	2.8%	309

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,482	4.5%	Hispanic	1.5%	167
627,611	95.5%	Non-Hispanic	98.5%	10,738

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 84.2% of cases and 95.6% of deaths  
Ethnicity known for 80.1% of cases and 93.3% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,086	103,547	8.77%

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
10,959,899	8,006,167	403,921	2,273,922	996,084	678,419	54,426	263,239

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,072	4.15%
Ever ICU	6,555	0.80%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,249
ICU	327
On Ventilator	179

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,511	3,753	71.7%
ICU Beds	1,307	107	92.4%
Ventilators	640	1,266	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	59	18	6	6.3%	22.5%	6.6%	56.36%	92.50%	21.98%
Region 2	83	23	10	10.7%	31.9%	11.6%	72.74%	97.22%	37.21%
Region 3	407	100	42	11.0%	27.0%	9.3%	74.43%	94.86%	35.84%
Region 4	71	20	17	8.4%	23.8%	13.1%	64.33%	97.62%	21.54%
Region 5	221	64	42	7.9%	17.8%	7.5%	79.74%	94.72%	37.30%
Region 6	124	20	12	10.1%	23.8%	9.4%	84.46%	100.00%	50.39%
Region 7	78	24	14	12.1%	29.6%	10.9%	71.12%	61.73%	19.38%
Region 8	91	26	19	7.6%	19.4%	12.3%	56.49%	94.03%	33.77%
Region 9	86	21	12	13.4%	23.1%	11.9%	65.47%	81.32%	21.78%
Region 10	29	11	5	5.9%	19.0%	6.8%	59.55%	94.83%	34.25%

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	130,828	15.9%
Fayette	55,586	6.8%
Warren	27,935	3.4%
Kenton	26,874	3.3%
Boone	23,094	2.8%
Hardin	20,100	2.4%
Daviess	19,221	2.3%
Madison	17,842	2.2%
Campbell	13,996	1.7%
Laurel	13,669	1.7%
Bullitt	13,372	1.6%
Pulaski	11,722	1.4%
Pike	11,719	1.4%
McCracken	11,238	1.4%
Oldham	11,231	1.4%
Christian	10,951	1.3%
Boyd	9,539	1.2%
Scott	9,527	1.2%
Whitley	9,503	1.2%
Nelson	9,256	1.1%
Hopkins	9,251	1.1%
Jessamine	9,021	1.1%
Barren	8,928	1.1%
Henderson	8,707	1.1%
Franklin	8,019	1.0%
Shelby	7,828	1.0%
Floyd	7,817	1.0%
Knox	7,799	1.0%
Graves	7,728	0.9%
Greenup	7,273	0.9%

County	Cases	Percent
Perry	6,665	0.8%
Taylor	6,189	0.8%
Muhlenberg	6,188	0.8%
Harlan	6,139	0.7%
Bell	6,088	0.7%
Clark	5,922	0.7%
Boyle	5,764	0.7%
Calloway	5,469	0.7%
Logan	5,416	0.7%
Marshall	5,338	0.7%
Clay	5,268	0.6%
Grayson	5,204	0.6%
Carter	5,160	0.6%
Montgomery	4,917	0.6%
Grant	4,872	0.6%
Ohio	4,824	0.6%
Mercer	4,817	0.6%
Lincoln	4,610	0.6%
Letcher	4,345	0.5%
Marion	4,325	0.5%
Rowan	4,293	0.5%
Russell	4,204	0.5%
Allen	4,161	0.5%
Johnson	4,063	0.5%
Anderson	3,974	0.5%
Woodford	3,942	0.5%
McCreary	3,912	0.5%
Hart	3,885	0.5%
Harrison	3,841	0.5%
Adair	3,831	0.5%

County	Cases	Percent
Meade	3,742	0.5%
Bourbon	3,668	0.4%
Simpson	3,608	0.4%
Wayne	3,568	0.4%
Rockcastle	3,445	0.4%
Breckinridge	3,313	0.4%
Spencer	3,281	0.4%
Morgan	3,104	0.4%
Lawrence	3,071	0.4%
Garrard	3,063	0.4%
Powell	3,000	0.4%
Jackson	2,979	0.4%
Henry	2,970	0.4%
Lewis	2,938	0.4%
Casey	2,932	0.4%
Mason	2,905	0.4%
Union	2,772	0.3%
Caldwell	2,623	0.3%
Webster	2,606	0.3%
Washington	2,599	0.3%
Green	2,594	0.3%
Knott	2,587	0.3%
Butler	2,577	0.3%
Magoffin	2,559	0.3%
Larue	2,552	0.3%
Monroe	2,536	0.3%
Estill	2,529	0.3%
Fleming	2,464	0.3%
Trigg	2,421	0.3%
Clinton	2,420	0.3%

County	Cases	Percent
Leslie	2,384	0.3%
Pendleton	2,257	0.3%
Carroll	2,234	0.3%
Breathitt	2,204	0.3%
Martin	2,153	0.3%
Metcalfe	2,132	0.3%
Lyon	2,073	0.3%
Todd	1,977	0.2%
Bath	1,938	0.2%
Lee	1,837	0.2%
McLean	1,702	0.2%
Edmonson	1,689	0.2%
Owen	1,619	0.2%
Hancock	1,593	0.2%
Livingston	1,583	0.2%
Cumberland	1,467	0.2%
Trimble	1,440	0.2%
Elliott	1,433	0.2%
Gallatin	1,422	0.2%
Crittenden	1,407	0.2%
Bracken	1,387	0.2%
Wolfe	1,370	0.2%
Nicholas	1,307	0.2%
Owsley	1,050	0.1%
Menifee	1,020	0.1%
Fulton	856	0.1%
Ballard	802	0.1%
Carlisle	716	0.1%
Hickman	593	0.1%
Robertson	435	0.1%

Total Cases  
820,715

## New Cases by County

County	Cases	Percent
Jefferson	380	13.0%
Fayette	143	4.9%
Boone	95	3.3%
Kenton	94	3.2%
Daviess	87	3.0%
Hardin	80	2.7%
Bullitt	67	2.3%
Boyd	61	2.1%
Madison	60	2.1%
Laurel	55	1.9%
McCracken	54	1.9%
Henderson	52	1.8%
Campbell	46	1.6%
Nelson	45	1.5%
Warren	45	1.5%
Pike	44	1.5%
Oldham	43	1.5%
Perry	42	1.4%
Pulaski	42	1.4%
Clark	40	1.4%
Grant	37	1.3%
Knox	36	1.2%
Breckinridge	35	1.2%
Harlan	34	1.2%
Hopkins	34	1.2%
Carter	31	1.1%
Franklin	31	1.1%
Scott	30	1.0%
Greenup	29	1.0%
Barren	28	1.0%

County	Cases	Percent
Fleming	26	0.9%
Christian	25	0.9%
Lewis	25	0.9%
Muhlenberg	25	0.9%
Letcher	24	0.8%
Allen	23	0.8%
Jessamine	22	0.8%
Todd	21	0.7%
Taylor	20	0.7%
Mason	19	0.7%
Carroll	18	0.6%
Meade	18	0.6%
Ohio	18	0.6%
McCreary	17	0.6%
Rowan	17	0.6%
Union	17	0.6%
Wayne	17	0.6%
Breathitt	16	0.5%
Floyd	16	0.5%
Graves	16	0.5%
Henry	16	0.5%
Lawrence	16	0.5%
Trimble	16	0.5%
Whitley	16	0.5%
Anderson	15	0.5%
Boyle	14	0.5%
Hancock	14	0.5%
Adair	13	0.4%
Bourbon	13	0.4%
Clinton	13	0.4%

County	Cases	Percent
Grayson	13	0.4%
Menifee	13	0.4%
Shelby	13	0.4%
Bracken	12	0.4%
Logan	12	0.4%
Marshall	12	0.4%
Martin	12	0.4%
Montgomery	12	0.4%
Owen	12	0.4%
Simpson	12	0.4%
Trigg	12	0.4%
Bath	11	0.4%
Caldwell	11	0.4%
Metcalfe	11	0.4%
Russell	11	0.4%
Wolfe	11	0.4%
Bell	10	0.3%
Hart	10	0.3%
Jackson	10	0.3%
Livingston	10	0.3%
Washington	10	0.3%
Calloway	9	0.3%
Casey	9	0.3%
Crittenden	9	0.3%
Johnson	9	0.3%
Lincoln	9	0.3%
Monroe	9	0.3%
Spencer	9	0.3%
Ballard	8	0.3%
Gallatin	8	0.3%

County	Cases	Percent
Garrard	8	0.3%
Lyon	8	0.3%
Marion	8	0.3%
Rockcastle	8	0.3%
Woodford	8	0.3%
Cumberland	7	0.2%
Estill	7	0.2%
Green	7	0.2%
Harrison	7	0.2%
Leslie	7	0.2%
Pendleton	7	0.2%
Powell	6	0.2%
Webster	6	0.2%
Clay	5	0.2%
Knott	5	0.2%
Larue	5	0.2%
Magoffin	5	0.2%
Butler	4	0.1%
Lee	4	0.1%
McLean	4	0.1%
Edmonson	3	0.1%
Elliott	3	0.1%
Mercer	3	0.1%
Morgan	3	0.1%
Nicholas	3	0.1%
Robertson	3	0.1%
Owsley	2	0.1%
Carlisle	1	0.0%
Fulton	1	0.0%
Hickman	0	0.0%

Total New Cases  
2,913

### Total Deaths by County

County	Deaths	Percent
Jefferson	1,764	15.1%
Fayette	462	4.0%
Hardin	331	2.8%
Kenton	306	2.6%
Daviess	298	2.5%
Warren	293	2.5%
Boone	226	1.9%
Hopkins	218	1.9%
Pike	218	1.9%
Pulaski	211	1.8%
Madison	207	1.8%
McCracken	202	1.7%
Barren	174	1.5%
Laurel	171	1.5%
Christian	169	1.4%
Bullitt	155	1.3%
Harlan	148	1.3%
Floyd	142	1.2%
Whitley	139	1.2%
Graves	135	1.2%
Henderson	129	1.1%
Perry	128	1.1%
Boyd	123	1.1%
Shelby	121	1.0%
Campbell	118	1.0%
Bell	117	1.0%
Oldham	110	0.9%
Boyle	109	0.9%
Jessamine	109	0.9%
Franklin	108	0.9%

County	Deaths	Percent
Nelson	107	0.9%
Lincoln	105	0.9%
Greenup	103	0.9%
Knox	103	0.9%
Grayson	100	0.9%
Muhlenberg	98	0.8%
Taylor	97	0.8%
Logan	96	0.8%
Mercer	92	0.8%
Ohio	89	0.8%
Adair	85	0.7%
Marshall	85	0.7%
Letcher	81	0.7%
Mason	79	0.7%
Allen	78	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%
McCreary	66	0.6%
Monroe	66	0.6%
Scott	66	0.6%
Clay	65	0.6%
Lewis	64	0.5%
Casey	61	0.5%
Russell	61	0.5%
Marion	58	0.5%

County	Deaths	Percent
Anderson	56	0.5%
Garrard	55	0.5%
Jackson	55	0.5%
Larue	54	0.5%
Caldwell	53	0.5%
Harrison	53	0.5%
Washington	51	0.4%
Breckinridge	48	0.4%
Clark	48	0.4%
Metcalfe	48	0.4%
Livingston	47	0.4%
Meade	47	0.4%
Lawrence	46	0.4%
Gallatin	44	0.4%
Rowan	44	0.4%
Union	44	0.4%
Breathitt	43	0.4%
Butler	43	0.4%
Knott	43	0.4%
Rockcastle	43	0.4%
Bourbon	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%
Leslie	35	0.3%
Bath	34	0.3%
Edmonson	34	0.3%
Magoffin	34	0.3%
Woodford	33	0.3%
Carroll	32	0.3%
Lyon	29	0.2%
Owen	29	0.2%
Trigg	29	0.2%
Trimble	28	0.2%
Nicholas	27	0.2%
Powell	27	0.2%
Pendleton	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  
11,693

## Incidence Rates by County

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

County	Rate
Robertson	196.5
Menifee	156.3
Wolfe	123.8
Lewis	107.6
Trimble	89.4
Union	87.4
Mason	85.4
Hancock	83.5
Lawrence	83.0
Boyd	78.6
Knox	78.4
Carter	77.3
Carroll	73.9
Owen	72.1
Bath	72.0
Fleming	71.5
Martin	71.5
McLean	69.8
Powell	69.4
Harlan	68.1
Leslie	68.0
Jackson	67.5
Henderson	66.4
Livingston	65.3
Greenup	64.3
Breathitt	63.3
Perry	63.2
Metcalfe	62.4
Madison	61.9
Nelson	60.9

County	Rate
Marion	60.8
Breckinridge	58.6
Franklin	58.0
Gallatin	58.0
Henry	57.6
Allen	57.0
Daviess	55.9
Harrison	55.2
Ohio	54.8
Simpson	54.6
Oldham	54.5
Letcher	54.4
Washington	54.3
Muhlenberg	53.2
Hardin	52.4
Todd	48.8
Laurel	48.6
Grant	48.4
Hart	48.0
Anderson	47.7
Crittenden	47.0
Bullitt	45.7
Cumberland	45.4
Boone	45.3
Ballard	45.3
Barren	45.2
Pike	44.4
Monroe	44.3
Bourbon	44.0
Floyd	43.0

County	Rate
Hopkins	42.8
Jessamine	42.8
Scott	42.6
Carlisle	42.0
Clark	41.8
McCracken	41.7
Magoffin	41.1
Rowan	40.9
Graves	40.6
Woodford	40.1
Jefferson	38.9
Campbell	38.6
Whitley	38.6
Meade	38.5
Spencer	38.4
Pendleton	38.2
Butler	37.7
Kenton	37.5
Lyon	36.5
Warren	36.4
Fayette	36.0
Caldwell	35.9
Estill	35.4
Trigg	35.1
Russell	35.1
Lee	34.7
Adair	34.2
Garrard	34.0
Logan	33.2
Nicholas	31.4

County	Rate
Bracken	31.0
Taylor	30.5
Marshall	30.3
Morgan	30.1
Mercer	30.0
Boyle	29.9
Grayson	29.7
Johnson	29.6
Shelby	29.4
Green	28.7
Casey	27.4
Montgomery	26.9
Christian	26.6
Rockcastle	26.5
Knott	26.1
Bell	25.8
Edmonson	23.5
Larue	21.8
Clay	20.1
McCreary	19.9
Lincoln	19.2
Webster	18.8
Wayne	17.6
Calloway	16.1
Pulaski	14.7
Clinton	14.0
Owsley	12.9
Fulton	12.0
Elliott	7.6
Hickman	3.3

**Current Overall Incidence Rate**  
43.83 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.