

KY COVID-19 Report 17DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	825,692	580,465	245,227
Deaths	11,754	10,324	1,430
New Cases	2,582	1,536	1,046
New Cases 18 and Under	617	311	306
Total New Deaths	35	25	10

Duplicates and records not meeting case criteria removed since last report: 103

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
59,796	7.2%	0-9	0.0%	2
114,212	13.8%	10-19	0.1%	9
139,891	16.9%	20-29	0.4%	44
128,155	15.5%	30-39	1.3%	151
118,932	14.4%	40-49	3.9%	458
109,134	13.2%	50-59	9.7%	1,135
81,515	9.9%	60-69	20.1%	2,358
47,242	5.7%	70-79	26.9%	3,166
26,569	3.2%	80+	37.7%	4,431
246	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,397	0.3%	American Indian	0.1%	14
6,071	0.9%	Asian	0.5%	52
53,024	7.6%	Black	7.1%	798
382	0.1%	Pacific Islander	0.1%	7
598,539	86.0%	White	89.5%	10,054
35,471	5.1%	Multiracial	2.8%	311

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,583	4.5%	Hispanic	1.5%	167
631,305	95.5%	Non-Hispanic	98.5%	10,797

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
8,596	96,163	8.94%

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
11,017,485	8,040,775	404,304	2,295,148	1,001,761	681,866	54,514	265,381

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,165	4.14%
Ever ICU	6,571	0.80%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,255
ICU	329
On Ventilator	195

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,645	3,597	72.8%
ICU Beds	1,291	137	90.4%
Ventilators	669	1,226	35.3%

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	55	14	4	6.9%	17.7%	4.4%	64.08%	87.34%	24.44%
Region 2	88	18	10	10.9%	23.1%	11.6%	73.13%	91.03%	34.88%
Region 3	403	96	50	10.8%	25.4%	11.2%	74.76%	93.92%	40.18%
Region 4	67	23	16	7.5%	24.7%	12.3%	62.20%	96.77%	26.92%
Region 5	231	70	42	8.2%	19.2%	7.5%	79.42%	92.60%	39.96%
Region 6	143	22	13	11.7%	25.6%	10.4%	85.74%	100.00%	48.00%
Region 7	80	18	9	12.3%	21.7%	7.0%	70.25%	54.22%	17.05%
Region 8	74	37	30	6.1%	29.4%	19.6%	62.21%	90.48%	28.10%
Region 9	86	20	17	13.4%	22.7%	17.3%	65.47%	84.09%	29.59%
Region 10	28	11	4	5.6%	21.2%	5.5%	60.76%	94.23%	31.51%

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	131,504	15.9%
Fayette	55,864	6.8%
Warren	28,066	3.4%
Kenton	27,073	3.3%
Boone	23,256	2.8%
Hardin	20,232	2.5%
Daviess	19,395	2.3%
Madison	18,002	2.2%
Campbell	14,112	1.7%
Laurel	13,705	1.7%
Bullitt	13,440	1.6%
Pulaski	11,822	1.4%
Pike	11,761	1.4%
McCracken	11,328	1.4%
Oldham	11,291	1.4%
Christian	11,048	1.3%
Boyd	9,630	1.2%
Scott	9,615	1.2%
Whitley	9,552	1.2%
Nelson	9,308	1.1%
Hopkins	9,290	1.1%
Jessamine	9,067	1.1%
Barren	8,973	1.1%
Henderson	8,747	1.1%
Franklin	8,072	1.0%
Shelby	7,860	1.0%
Floyd	7,859	1.0%
Knox	7,844	0.9%
Graves	7,756	0.9%
Greenup	7,333	0.9%

County	Cases	Percent
Perry	6,709	0.8%
Taylor	6,228	0.8%
Muhlenberg	6,222	0.8%
Harlan	6,158	0.7%
Bell	6,107	0.7%
Clark	5,981	0.7%
Boyle	5,790	0.7%
Calloway	5,493	0.7%
Logan	5,452	0.7%
Marshall	5,371	0.7%
Clay	5,281	0.6%
Grayson	5,226	0.6%
Carter	5,205	0.6%
Montgomery	4,933	0.6%
Grant	4,908	0.6%
Ohio	4,853	0.6%
Mercer	4,839	0.6%
Lincoln	4,623	0.6%
Letcher	4,378	0.5%
Marion	4,358	0.5%
Rowan	4,315	0.5%
Russell	4,231	0.5%
Allen	4,181	0.5%
Johnson	4,075	0.5%
Anderson	3,998	0.5%
McCreary	3,958	0.5%
Woodford	3,956	0.5%
Hart	3,913	0.5%
Adair	3,864	0.5%
Harrison	3,860	0.5%

County	Cases	Percent
Meade	3,768	0.5%
Bourbon	3,694	0.4%
Simpson	3,620	0.4%
Wayne	3,613	0.4%
Rockcastle	3,454	0.4%
Breckinridge	3,332	0.4%
Spencer	3,299	0.4%
Morgan	3,131	0.4%
Lawrence	3,088	0.4%
Garrard	3,080	0.4%
Powell	3,017	0.4%
Jackson	2,994	0.4%
Henry	2,986	0.4%
Lewis	2,979	0.4%
Casey	2,943	0.4%
Mason	2,928	0.4%
Union	2,805	0.3%
Caldwell	2,623	0.3%
Washington	2,623	0.3%
Webster	2,612	0.3%
Green	2,604	0.3%
Knott	2,601	0.3%
Butler	2,591	0.3%
Estill	2,581	0.3%
Magoffin	2,568	0.3%
Larue	2,561	0.3%
Monroe	2,561	0.3%
Fleming	2,491	0.3%
Clinton	2,441	0.3%
Trigg	2,437	0.3%

County	Cases	Percent
Leslie	2,394	0.3%
Pendleton	2,280	0.3%
Carroll	2,245	0.3%
Breathitt	2,216	0.3%
Martin	2,162	0.3%
Metcalfe	2,145	0.3%
Lyon	2,076	0.3%
Todd	1,977	0.2%
Bath	1,963	0.2%
Lee	1,848	0.2%
McLean	1,712	0.2%
Edmonson	1,693	0.2%
Owen	1,630	0.2%
Hancock	1,611	0.2%
Livingston	1,589	0.2%
Cumberland	1,477	0.2%
Elliott	1,448	0.2%
Trimble	1,448	0.2%
Gallatin	1,433	0.2%
Bracken	1,411	0.2%
Crittenden	1,409	0.2%
Wolfe	1,384	0.2%
Nicholas	1,315	0.2%
Menifee	1,052	0.1%
Owsley	1,049	0.1%
Fulton	858	0.1%
Ballard	808	0.1%
Carlisle	719	0.1%
Hickman	595	0.1%
Robertson	440	0.1%

Total Cases
825,692

New Cases by County

County	Cases	Percent
Jefferson	352	13.6%
Fayette	166	6.4%
Daviess	111	4.3%
Kenton	107	4.1%
Madison	83	3.2%
Boone	74	2.9%
Warren	72	2.8%
Hardin	54	2.1%
Scott	53	2.1%
Campbell	52	2.0%
Christian	52	2.0%
Boyd	49	1.9%
McCracken	45	1.7%
Pulaski	44	1.7%
Bullitt	38	1.5%
Clark	35	1.4%
Nelson	31	1.2%
Barren	30	1.2%
McCreary	28	1.1%
Franklin	27	1.0%
Ohio	26	1.0%
Oldham	26	1.0%
Estill	25	1.0%
Wayne	25	1.0%
Adair	24	0.9%
Carter	24	0.9%
Lewis	24	0.9%
Hopkins	22	0.9%
Pike	22	0.9%
Whitley	22	0.9%

County	Cases	Percent
Floyd	21	0.8%
Henderson	21	0.8%
Perry	21	0.8%
Greenup	20	0.8%
Jessamine	20	0.8%
Shelby	20	0.8%
Bath	19	0.7%
Knox	19	0.7%
Taylor	19	0.7%
Bracken	18	0.7%
Laurel	18	0.7%
Muhlenberg	18	0.7%
Marion	17	0.7%
Menifee	17	0.7%
Rowan	17	0.7%
Boyle	16	0.6%
Grant	16	0.6%
Graves	16	0.6%
Union	16	0.6%
Pendleton	15	0.6%
Russell	15	0.6%
Monroe	14	0.5%
Montgomery	14	0.5%
Breathitt	13	0.5%
Fleming	13	0.5%
Marshall	13	0.5%
Garrard	12	0.5%
Harlan	12	0.5%
Harrison	12	0.5%
Lincoln	12	0.5%

County	Cases	Percent
Meade	12	0.5%
Logan	11	0.4%
Mason	11	0.4%
Clinton	10	0.4%
Lawrence	10	0.4%
Letcher	10	0.4%
Powell	10	0.4%
Allen	9	0.3%
Bell	9	0.3%
Bourbon	9	0.3%
Leslie	9	0.3%
Mercer	9	0.3%
Morgan	9	0.3%
Spencer	9	0.3%
Todd	9	0.3%
Washington	9	0.3%
Butler	8	0.3%
Casey	8	0.3%
Clay	8	0.3%
Hancock	8	0.3%
Henry	8	0.3%
Jackson	8	0.3%
Owen	8	0.3%
Simpson	8	0.3%
Woodford	8	0.3%
Anderson	7	0.3%
Hart	7	0.3%
Johnson	7	0.3%
Rockcastle	7	0.3%
Breckinridge	6	0.2%

County	Cases	Percent
Cumberland	6	0.2%
Grayson	6	0.2%
Knott	6	0.2%
Carroll	5	0.2%
McLean	5	0.2%
Metcalfe	5	0.2%
Wolfe	5	0.2%
Calloway	4	0.2%
Green	4	0.2%
Lee	4	0.2%
Trimble	4	0.2%
Elliott	3	0.1%
Robertson	3	0.1%
Ballard	2	0.1%
Gallatin	2	0.1%
Hickman	2	0.1%
Larue	2	0.1%
Lyon	2	0.1%
Magoffin	2	0.1%
Martin	2	0.1%
Nicholas	2	0.1%
Trigg	2	0.1%
Carlisle	1	0.0%
Crittenden	1	0.0%
Edmonson	1	0.0%
Fulton	1	0.0%
Livingston	1	0.0%
Webster	1	0.0%
Caldwell	0	0.0%
Owsley	0	0.0%

Total New Cases
2,582

Total Deaths by County

County	Deaths	Percent
Jefferson	1,774	15.1%
Fayette	464	3.9%
Hardin	332	2.8%
Kenton	306	2.6%
Daviess	299	2.5%
Warren	293	2.5%
Boone	226	1.9%
Pike	220	1.9%
Hopkins	218	1.9%
Pulaski	213	1.8%
Madison	209	1.8%
McCracken	202	1.7%
Barren	175	1.5%
Laurel	173	1.5%
Christian	170	1.4%
Bullitt	155	1.3%
Harlan	149	1.3%
Floyd	142	1.2%
Whitley	139	1.2%
Graves	135	1.1%
Henderson	129	1.1%
Perry	128	1.1%
Boyd	125	1.1%
Shelby	122	1.0%
Campbell	118	1.0%
Bell	117	1.0%
Boyle	112	1.0%
Oldham	111	0.9%
Jessamine	110	0.9%
Franklin	108	0.9%

County	Deaths	Percent
Nelson	107	0.9%
Lincoln	105	0.9%
Knox	104	0.9%
Greenup	103	0.9%
Grayson	101	0.9%
Muhlenberg	98	0.8%
Taylor	98	0.8%
Logan	97	0.8%
Mercer	93	0.8%
Ohio	89	0.8%
Adair	85	0.7%
Marshall	85	0.7%
Letcher	83	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%
Monroe	67	0.6%
Scott	67	0.6%
Calloway	66	0.6%
McCreary	66	0.6%
Clay	65	0.6%
Lewis	65	0.6%
Russell	62	0.5%
Casey	61	0.5%
Marion	59	0.5%

County	Deaths	Percent
Anderson	56	0.5%
Garrard	56	0.5%
Harrison	55	0.5%
Jackson	55	0.5%
Larue	54	0.5%
Caldwell	53	0.5%
Washington	51	0.4%
Breckinridge	49	0.4%
Clark	48	0.4%
Metcalfe	48	0.4%
Livingston	47	0.4%
Meade	47	0.4%
Lawrence	46	0.4%
Rowan	45	0.4%
Gallatin	44	0.4%
Knott	44	0.4%
Rockcastle	44	0.4%
Union	44	0.4%
Breathitt	43	0.4%
Butler	43	0.4%
Webster	43	0.4%
Bourbon	42	0.4%
Spencer	42	0.4%
Fleming	41	0.3%
Grant	41	0.3%
McLean	41	0.3%
Clinton	40	0.3%
Lee	39	0.3%
Martin	38	0.3%
Crittenden	37	0.3%

County	Deaths	Percent
Todd	37	0.3%
Henry	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	34	0.3%
Carroll	33	0.3%
Lyon	29	0.2%
Owen	29	0.2%
Trigg	29	0.2%
Pendleton	28	0.2%
Trimble	28	0.2%
Nicholas	27	0.2%
Powell	27	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	17	0.1%
Robertson	16	0.1%
Elliott	13	0.1%
Wolfe	13	0.1%
Carlisle	12	0.1%

Total Deaths
11,754

Incidence Rates by County

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

County	Rate
Robertson	196.5
Menifee	116.7
Lewis	116.2
Wolfe	115.8
Hancock	91.7
Union	80.5
Boyd	79.8
Carter	78.4
Trimble	77.6
Mason	74.5
Estill	72.9
Lawrence	72.7
Fleming	70.5
Greenup	69.2
Metcalfe	66.7
Bath	65.1
Martin	65.1
Carroll	64.5
Breathitt	63.3
Monroe	63.0
Madison	62.7
Perry	62.7
Letcher	61.0
Marion	60.8
Knox	60.1
Jackson	58.9
Harlan	58.2
Daviess	58.0
Nelson	56.5
Owen	56.4

County	Rate
Breckinridge	55.1
Ohio	54.2
Grant	53.6
Washington	53.2
Leslie	52.1
Oldham	52.0
Hart	50.3
Henderson	50.2
Pendleton	49.9
Gallatin	49.9
Powell	49.7
McLean	49.7
Henry	49.6
Clark	49.2
Muhlenberg	48.5
Boone	47.8
Hardin	46.9
Franklin	46.8
Allen	46.2
Bourbon	46.2
Morgan	45.1
Bracken	44.7
Simpson	44.6
Laurel	43.9
Floyd	42.5
Bullitt	42.3
Barren	42.3
Carlisle	42.0
McCracken	41.9
Todd	41.8

County	Rate
Garrard	41.2
Campbell	41.2
Spencer	40.6
Hopkins	40.6
Lee	40.5
Kenton	40.5
Livingston	40.4
Logan	39.5
Harrison	39.3
Rowan	39.1
Russell	39.1
Pike	39.0
Jefferson	38.9
Meade	38.5
Scott	38.1
Ballard	38.0
Jessamine	37.5
Whitley	37.4
Anderson	37.1
Elliott	36.1
Fayette	35.6
Adair	35.0
Cumberland	34.6
Trigg	34.1
Warren	33.3
Boyle	33.3
Mercer	33.2
Woodford	32.1
Knott	31.8
Graves	31.8

County	Rate
Grayson	30.3
Crittenden	29.2
Butler	28.8
Green	28.7
Marshall	28.5
Shelby	27.1
Johnson	27.0
Magoffin	25.8
Rockcastle	25.7
Taylor	24.9
Larue	24.8
Casey	23.9
Montgomery	23.8
Bell	22.5
Nicholas	21.6
Lincoln	20.9
Clay	20.8
Webster	19.9
Calloway	19.4
Lyon	19.1
Wayne	19.0
Edmonson	17.6
Christian	17.0
McCreary	14.9
Caldwell	14.6
Pulaski	13.6
Owsley	12.9
Clinton	9.8
Fulton	7.2
Hickman	0.0

Current Overall Incidence Rate
42.17 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.