

KY COVID-19 Report 31DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	868,082	607,494	260,588
Deaths	12,169	10,690	1,479
New Cases	5,748	3,568	2,180
New Cases 18 and Under	913	510	403
Total New Deaths	24	21	3

Duplicates and records not meeting case criteria removed since last report: 238

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
63,024	7.3%	0-9	0.0%	2
119,056	13.7%	10-19	0.1%	9
148,555	17.1%	20-29	0.4%	45
135,470	15.6%	30-39	1.3%	155
125,123	14.4%	40-49	3.9%	469
114,665	13.2%	50-59	9.8%	1,188
85,290	9.8%	60-69	20.1%	2,442
49,279	5.7%	70-79	27.0%	3,288
27,373	3.2%	80+	37.6%	4,571
247	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,588	0.4%	American Indian	0.1%	15
6,459	0.9%	Asian	0.5%	53
56,491	7.7%	Black	7.1%	822
382	0.1%	Pacific Islander	0.1%	7
626,767	85.9%	White	89.5%	10,418
36,801	5.0%	Multiracial	2.8%	323

Cases	Case Percent	Ethnicity	Death Percent	Deaths
30,819	4.4%	Hispanic	1.5%	172
662,378	95.6%	Non-Hispanic	98.5%	11,180

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
19,287	105,767	18.24%

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
11,396,600	8,281,564	406,159	2,424,658	1,055,688	717,614	54,998	283,076

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,814	4.01%
Ever ICU	6,676	0.77%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,493
ICU	362
On Ventilator	206

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,197	3,867	70.4%
ICU Beds	1,287	145	89.9%
Ventilators	693	1,224	36.2%

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	107	30	16	13.3%	37.0%	16.7%	64.97%	96.30%	32.29%
Region 2	92	25	13	11.6%	28.4%	15.1%	69.87%	84.09%	40.70%
Region 3	535	130	62	14.3%	33.2%	13.7%	70.94%	94.39%	40.71%
Region 4	67	22	13	8.0%	24.7%	10.0%	64.35%	97.75%	19.23%
Region 5	221	51	35	8.1%	14.5%	6.3%	79.40%	90.88%	40.57%
Region 6	161	23	15	13.1%	30.3%	11.7%	84.11%	94.74%	45.31%
Region 7	87	22	10	13.5%	26.5%	7.8%	67.49%	45.78%	17.83%
Region 8	118	25	23	9.9%	20.0%	13.6%	57.17%	97.60%	35.50%
Region 9	76	21	14	11.8%	22.3%	14.1%	57.59%	81.91%	26.26%
Region 10	29	13	5	6.0%	24.5%	7.0%	54.56%	94.34%	35.21%

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	142,030	16.4%
Fayette	59,772	6.9%
Warren	29,262	3.4%
Kenton	28,871	3.3%
Boone	24,765	2.9%
Hardin	21,079	2.4%
Daviess	20,361	2.3%
Madison	18,743	2.2%
Campbell	15,101	1.7%
Laurel	14,180	1.6%
Bullitt	14,102	1.6%
Pulaski	12,224	1.4%
Pike	12,218	1.4%
McCracken	11,952	1.4%
Oldham	11,934	1.4%
Christian	11,308	1.3%
Boyd	10,174	1.2%
Scott	10,132	1.2%
Whitley	9,832	1.1%
Nelson	9,750	1.1%
Hopkins	9,585	1.1%
Jessamine	9,585	1.1%
Barren	9,302	1.1%
Henderson	9,036	1.0%
Franklin	8,509	1.0%
Shelby	8,197	0.9%
Floyd	8,151	0.9%
Graves	8,076	0.9%
Knox	8,041	0.9%
Greenup	7,685	0.9%

County	Cases	Percent
Perry	6,949	0.8%
Muhlenberg	6,508	0.7%
Taylor	6,424	0.7%
Clark	6,379	0.7%
Harlan	6,326	0.7%
Bell	6,243	0.7%
Boyle	5,973	0.7%
Logan	5,725	0.7%
Calloway	5,683	0.7%
Marshall	5,617	0.6%
Carter	5,549	0.6%
Grayson	5,425	0.6%
Clay	5,399	0.6%
Grant	5,109	0.6%
Ohio	5,048	0.6%
Montgomery	5,039	0.6%
Mercer	4,987	0.6%
Lincoln	4,733	0.5%
Letcher	4,562	0.5%
Rowan	4,511	0.5%
Marion	4,499	0.5%
Allen	4,391	0.5%
Russell	4,375	0.5%
Woodford	4,209	0.5%
Anderson	4,179	0.5%
Johnson	4,176	0.5%
McCreary	4,075	0.5%
Hart	4,051	0.5%
Harrison	4,025	0.5%
Adair	3,986	0.5%

County	Cases	Percent
Meade	3,905	0.4%
Bourbon	3,881	0.4%
Simpson	3,822	0.4%
Wayne	3,739	0.4%
Rockcastle	3,567	0.4%
Breckinridge	3,509	0.4%
Spencer	3,464	0.4%
Garrard	3,234	0.4%
Morgan	3,207	0.4%
Lawrence	3,189	0.4%
Henry	3,182	0.4%
Powell	3,161	0.4%
Lewis	3,152	0.4%
Jackson	3,092	0.4%
Mason	3,078	0.4%
Casey	2,992	0.3%
Union	2,983	0.3%
Caldwell	2,728	0.3%
Washington	2,728	0.3%
Webster	2,694	0.3%
Knott	2,692	0.3%
Green	2,677	0.3%
Estill	2,675	0.3%
Monroe	2,673	0.3%
Butler	2,660	0.3%
Magoffin	2,644	0.3%
Larue	2,637	0.3%
Fleming	2,600	0.3%
Trigg	2,590	0.3%
Clinton	2,502	0.3%

County	Cases	Percent
Leslie	2,461	0.3%
Pendleton	2,410	0.3%
Carroll	2,364	0.3%
Breathitt	2,299	0.3%
Martin	2,239	0.3%
Metcalfe	2,224	0.3%
Lyon	2,114	0.2%
Todd	2,060	0.2%
Bath	2,026	0.2%
Lee	1,907	0.2%
Edmonson	1,796	0.2%
McLean	1,780	0.2%
Owen	1,703	0.2%
Hancock	1,697	0.2%
Livingston	1,658	0.2%
Cumberland	1,538	0.2%
Trimble	1,538	0.2%
Gallatin	1,518	0.2%
Wolfe	1,501	0.2%
Elliott	1,494	0.2%
Crittenden	1,471	0.2%
Bracken	1,465	0.2%
Nicholas	1,355	0.2%
Menifee	1,094	0.1%
Owsley	1,062	0.1%
Fulton	873	0.1%
Ballard	840	0.1%
Carlisle	752	0.1%
Hickman	612	0.1%
Robertson	453	0.1%

Total Cases
868,082

New Cases by County

County	Cases	Percent
Jefferson	1,874	32.6%
Fayette	728	12.7%
Kenton	305	5.3%
Boone	223	3.9%
Campbell	159	2.8%
Daviess	145	2.5%
Warren	145	2.5%
Hardin	90	1.6%
Bullitt	89	1.5%
McCracken	82	1.4%
Jessamine	73	1.3%
Oldham	64	1.1%
Nelson	59	1.0%
Madison	54	0.9%
Scott	53	0.9%
Logan	49	0.9%
Graves	48	0.8%
Carter	44	0.8%
Franklin	42	0.7%
Laurel	42	0.7%
Clark	41	0.7%
Muhlenberg	38	0.7%
Woodford	38	0.7%
Christian	37	0.6%
Shelby	36	0.6%
Henderson	35	0.6%
Greenup	34	0.6%
Allen	33	0.6%
Hopkins	33	0.6%
Pike	33	0.6%

County	Cases	Percent
Mercer	30	0.5%
Barren	29	0.5%
Floyd	29	0.5%
Taylor	28	0.5%
Simpson	27	0.5%
Todd	27	0.5%
Bourbon	26	0.5%
Grayson	26	0.5%
Whitley	25	0.4%
Boyle	24	0.4%
Calloway	23	0.4%
Bell	22	0.4%
Grant	20	0.3%
Harrison	20	0.3%
Henry	20	0.3%
Spencer	20	0.3%
Trigg	20	0.3%
Perry	18	0.3%
Wayne	18	0.3%
Estill	16	0.3%
Union	16	0.3%
Anderson	15	0.3%
Edmonson	15	0.3%
Garrard	15	0.3%
Mason	15	0.3%
Ohio	15	0.3%
Gallatin	14	0.2%
Johnson	14	0.2%
McLean	14	0.2%
Meade	14	0.2%

County	Cases	Percent
Pulaski	14	0.2%
Caldwell	13	0.2%
Lewis	13	0.2%
Rowan	13	0.2%
Trimble	13	0.2%
Butler	12	0.2%
Clay	12	0.2%
Harlan	12	0.2%
Marion	12	0.2%
Montgomery	12	0.2%
Breathitt	11	0.2%
Lawrence	11	0.2%
Powell	11	0.2%
Breckinridge	10	0.2%
Carroll	10	0.2%
Crittenden	10	0.2%
Owen	10	0.2%
Pendleton	10	0.2%
Rockcastle	10	0.2%
Webster	10	0.2%
Larue	9	0.2%
McCreary	9	0.2%
Fleming	8	0.1%
Hart	8	0.1%
Marshall	8	0.1%
Russell	8	0.1%
Letcher	7	0.1%
Adair	6	0.1%
Casey	6	0.1%
Lincoln	6	0.1%

County	Cases	Percent
Metcalfe	6	0.1%
Morgan	6	0.1%
Nicholas	6	0.1%
Boyd	5	0.1%
Bracken	5	0.1%
Cumberland	5	0.1%
Knott	5	0.1%
Knox	5	0.1%
Livingston	5	0.1%
Magoffin	5	0.1%
Washington	5	0.1%
Carlisle	4	0.1%
Leslie	4	0.1%
Martin	4	0.1%
Monroe	4	0.1%
Ballard	3	0.1%
Bath	3	0.1%
Elliott	3	0.1%
Green	3	0.1%
Hickman	3	0.1%
Clinton	2	0.0%
Hancock	2	0.0%
Lyon	2	0.0%
Menifee	2	0.0%
Robertson	2	0.0%
Wolfe	2	0.0%
Fulton	1	0.0%
Jackson	1	0.0%
Lee	0	0.0%
Owsley	0	0.0%

Total New Cases
5,748

Total Deaths by County

County	Deaths	Percent
Jefferson	1,841	15.1%
Fayette	476	3.9%
Hardin	344	2.8%
Kenton	317	2.6%
Daviess	314	2.6%
Warren	304	2.5%
Boone	231	1.9%
Pike	224	1.8%
Pulaski	222	1.8%
Hopkins	219	1.8%
Madison	213	1.8%
McCracken	202	1.7%
Barren	181	1.5%
Laurel	179	1.5%
Christian	174	1.4%
Bullitt	160	1.3%
Harlan	160	1.3%
Floyd	146	1.2%
Whitley	142	1.2%
Graves	140	1.2%
Henderson	134	1.1%
Perry	132	1.1%
Boyd	130	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	90	0.7%
Letcher	86	0.7%
Marshall	86	0.7%
Allen	82	0.7%
Mason	81	0.7%
Hart	80	0.7%
Johnson	79	0.6%
Carter	78	0.6%
Scott	75	0.6%
Montgomery	74	0.6%
Wayne	73	0.6%
Simpson	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	52	0.4%
Washington	51	0.4%
Meade	50	0.4%
Metcalfe	50	0.4%
Clark	49	0.4%
Livingston	49	0.4%
Lawrence	48	0.4%
Breathitt	47	0.4%
Knott	47	0.4%
Rockcastle	47	0.4%
Rowan	46	0.4%
Union	46	0.4%
Webster	45	0.4%
Gallatin	44	0.4%
Spencer	44	0.4%
Butler	43	0.4%
Fleming	43	0.4%
Lee	43	0.4%
McLean	43	0.4%
Bourbon	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%
Bracken	21	0.2%
Cumberland	21	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
12,169

Incidence Rates by County

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

County	Rate
Jefferson	139.5
Fayette	117.4
Wolfe	101.8
Lewis	100.1
Simpson	99.2
Carter	95.4
Kenton	94.5
Logan	93.3
Boone	93.1
Powell	91.3
Allen	89.8
Gallatin	88.6
Edmonson	87.0
Jessamine	86.6
Campbell	86.1
Henry	85.9
Oldham	85.1
Greenup	85.1
Muhlenberg	84.9
Cumberland	84.2
Woodford	83.4
Warren	83.0
Boyd	80.7
Nelson	80.3
Graves	78.6
Harrison	75.6
Daviess	75.3
Monroe	75.1
Bourbon	75.1
Bullitt	74.5

County	Rate
Spencer	73.8
Union	73.5
Letcher	71.6
Clark	70.1
Metcalfe	69.5
Pike	67.6
Marion	66.7
Trimble	65.8
McCracken	65.7
Todd	65.1
Scott	64.4
Hardin	64.4
Caldwell	63.9
McLean	63.6
Barren	62.6
Pendleton	61.7
Garrard	61.5
Franklin	61.4
Floyd	61.0
Perry	61.0
Laurel	60.8
Hancock	60.6
Washington	60.2
Anderson	59.0
Owen	59.0
Carroll	57.8
Whitley	57.5
Hopkins	57.2
Madison	57.2
Grant	57.0

County	Rate
Breathitt	56.6
Taylor	56.5
Magoffin	56.4
Rowan	56.1
Breckinridge	55.8
Crittenden	55.2
Russell	55.0
Mercer	54.7
Marshall	54.7
Mason	54.4
Grayson	54.1
Ohio	53.6
Lawrence	53.2
Rockcastle	53.1
Fleming	51.9
Shelby	51.3
Hart	51.0
Jackson	50.4
Martin	49.8
Larue	49.6
Calloway	47.6
Boyle	47.5
Clay	46.7
Webster	46.4
Lee	46.3
Trigg	44.9
Leslie	43.4
Nicholas	43.2
Harlan	42.3
Carlisle	42.0

County	Rate
Green	41.8
Knott	40.5
Bell	40.1
Bracken	39.6
Butler	38.8
Henderson	36.7
Lyon	36.5
Hickman	35.9
Knox	35.8
Estill	35.4
Bath	35.4
Robertson	33.9
Menifee	33.0
Adair	32.7
Ballard	32.6
Christian	31.2
Livingston	31.1
Wayne	30.9
Johnson	30.9
Meade	30.5
Owsley	29.1
McCreary	25.7
Elliott	24.7
Lincoln	23.9
Clinton	22.4
Morgan	20.4
Casey	16.8
Montgomery	16.7
Pulaski	14.3
Fulton	9.6

Current Overall Incidence Rate
80.73 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.