

KY COVID-19 Report

04JAN22

Daily Summary

Measure	Total	Confirmed	Probable
Cases	885,673	618,188	267,485
Deaths	12,255	10,770	1,485
New Cases	6,915	3,982	2,933
New Cases 18 and Under	1,399	689	710
Total New Deaths	21	18	3

Duplicates and records not meeting case criteria removed since last report: 299

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
64,391	7.3%	0-9	0.0%	2
121,060	13.7%	10-19	0.1%	9
152,124	17.2%	20-29	0.4%	47
138,574	15.6%	30-39	1.3%	157
127,727	14.4%	40-49	3.9%	473
116,926	13.2%	50-59	9.8%	1,197
86,824	9.8%	60-69	20.0%	2,457
50,077	5.7%	70-79	27.0%	3,311
27,723	3.1%	80+	37.6%	4,602
247	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,649	0.4%	American Indian	0.1%	15
6,651	0.9%	Asian	0.5%	53
58,395	7.9%	Black	7.1%	827
382	0.1%	Pacific Islander	0.1%	7
636,812	85.8%	White	89.5%	10,494
37,321	5.0%	Multiracial	2.8%	325

Cases	Case Percent	Ethnicity	Death Percent	Deaths
31,476	4.5%	Hispanic	1.5%	172
674,825	95.5%	Non-Hispanic	98.5%	11,260

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.8% of cases and 95.6% of deaths
Ethnicity known for 79.7% of cases and 93.3% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
25,927	119,267	21.74%

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
11,501,885	8,345,128	406,560	2,463,331	1,078,687	732,659	55,100	290,928

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,906	3.94%
Ever ICU	6,693	0.76%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,646
ICU	393
On Ventilator	246

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,083	4,074	69.0%
ICU Beds	1,276	136	90.4%
Ventilators	725	1,175	38.2%

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	109	33	16	12.8%	39.3%	17.6%	62.12%	94.05%	31.87%
Region 2	108	27	13	13.9%	36.5%	15.1%	72.04%	95.95%	40.70%
Region 3	578	133	68	15.5%	34.3%	15.0%	68.55%	92.78%	42.92%
Region 4	68	17	12	8.2%	20.5%	9.2%	57.68%	98.80%	26.15%
Region 5	255	71	42	9.2%	20.8%	7.6%	75.65%	91.79%	42.16%
Region 6	186	29	17	15.0%	34.9%	13.7%	82.47%	100.00%	52.42%
Region 7	90	19	8	13.7%	22.1%	6.2%	64.84%	54.65%	17.05%
Region 8	144	29	39	12.1%	23.0%	24.1%	62.76%	89.68%	37.04%
Region 9	71	21	16	10.9%	21.6%	16.0%	59.01%	81.44%	29.00%
Region 10	37	14	15	7.7%	28.0%	21.1%	61.80%	98.00%	32.39%

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	147,236	16.6%
Fayette	61,659	7.0%
Warren	29,842	3.4%
Kenton	29,581	3.3%
Boone	25,446	2.9%
Hardin	21,478	2.4%
Daviess	20,775	2.3%
Madison	19,060	2.2%
Campbell	15,612	1.8%
Bullitt	14,367	1.6%
Laurel	14,236	1.6%
Pike	12,420	1.4%
Pulaski	12,293	1.4%
Oldham	12,291	1.4%
McCracken	12,140	1.4%
Christian	11,378	1.3%
Boyd	10,322	1.2%
Scott	10,303	1.2%
Nelson	9,941	1.1%
Whitley	9,916	1.1%
Jessamine	9,878	1.1%
Hopkins	9,657	1.1%
Barren	9,417	1.1%
Henderson	9,133	1.0%
Franklin	8,706	1.0%
Shelby	8,433	1.0%
Floyd	8,237	0.9%
Graves	8,201	0.9%
Knox	8,075	0.9%
Greenup	7,879	0.9%

County	Cases	Percent
Perry	7,020	0.8%
Muhlenberg	6,633	0.7%
Clark	6,488	0.7%
Taylor	6,483	0.7%
Harlan	6,394	0.7%
Bell	6,298	0.7%
Boyle	6,032	0.7%
Logan	5,828	0.7%
Calloway	5,768	0.7%
Marshall	5,692	0.6%
Carter	5,649	0.6%
Grayson	5,487	0.6%
Clay	5,460	0.6%
Grant	5,163	0.6%
Ohio	5,130	0.6%
Montgomery	5,078	0.6%
Mercer	5,048	0.6%
Lincoln	4,762	0.5%
Letcher	4,624	0.5%
Marion	4,564	0.5%
Rowan	4,552	0.5%
Allen	4,458	0.5%
Russell	4,420	0.5%
Woodford	4,315	0.5%
Anderson	4,232	0.5%
Johnson	4,220	0.5%
Hart	4,105	0.5%
Harrison	4,085	0.5%
McCreary	4,085	0.5%
Adair	4,015	0.5%

County	Cases	Percent
Meade	3,952	0.4%
Bourbon	3,938	0.4%
Simpson	3,918	0.4%
Wayne	3,785	0.4%
Rockcastle	3,590	0.4%
Breckinridge	3,565	0.4%
Spencer	3,503	0.4%
Garrard	3,283	0.4%
Henry	3,251	0.4%
Morgan	3,221	0.4%
Lawrence	3,204	0.4%
Powell	3,204	0.4%
Lewis	3,177	0.4%
Mason	3,135	0.4%
Jackson	3,118	0.4%
Union	3,027	0.3%
Casey	3,010	0.3%
Washington	2,770	0.3%
Caldwell	2,755	0.3%
Webster	2,723	0.3%
Knott	2,710	0.3%
Monroe	2,709	0.3%
Butler	2,694	0.3%
Green	2,691	0.3%
Estill	2,686	0.3%
Magoffin	2,684	0.3%
Larue	2,663	0.3%
Trigg	2,634	0.3%
Fleming	2,627	0.3%
Clinton	2,515	0.3%

County	Cases	Percent
Leslie	2,480	0.3%
Pendleton	2,450	0.3%
Carroll	2,397	0.3%
Breathitt	2,319	0.3%
Martin	2,263	0.3%
Metcalfe	2,241	0.3%
Lyon	2,133	0.2%
Todd	2,081	0.2%
Bath	2,040	0.2%
Lee	1,914	0.2%
Edmonson	1,824	0.2%
McLean	1,807	0.2%
Owen	1,729	0.2%
Hancock	1,724	0.2%
Livingston	1,676	0.2%
Trimble	1,577	0.2%
Cumberland	1,561	0.2%
Gallatin	1,553	0.2%
Wolfe	1,522	0.2%
Elliott	1,503	0.2%
Bracken	1,494	0.2%
Crittenden	1,493	0.2%
Nicholas	1,375	0.2%
Menifee	1,096	0.1%
Owsley	1,064	0.1%
Fulton	887	0.1%
Ballard	862	0.1%
Carlisle	771	0.1%
Hickman	622	0.1%
Robertson	465	0.1%

Total Cases
885,673

New Cases by County

County	Cases	Percent
Jefferson	1,863	26.9%
Fayette	713	10.3%
Warren	285	4.1%
Kenton	270	3.9%
Campbell	211	3.1%
Boone	209	3.0%
Hardin	174	2.5%
Madison	146	2.1%
Boyd	132	1.9%
Bullitt	131	1.9%
Pike	127	1.8%
Jessamine	110	1.6%
Nelson	106	1.5%
Oldham	104	1.5%
Shelby	103	1.5%
Greenup	83	1.2%
Daviess	74	1.1%
Harlan	59	0.9%
Muhlenberg	59	0.9%
McCracken	57	0.8%
Franklin	55	0.8%
Ohio	54	0.8%
Whitley	54	0.8%
Graves	52	0.8%
Clark	51	0.7%
Scott	51	0.7%
Calloway	49	0.7%
Marshall	48	0.7%
Henderson	45	0.7%
Logan	42	0.6%

County	Cases	Percent
Marion	42	0.6%
Barren	40	0.6%
Laurel	39	0.6%
Floyd	38	0.5%
Hopkins	36	0.5%
Letcher	36	0.5%
Perry	36	0.5%
Powell	36	0.5%
Simpson	33	0.5%
Woodford	32	0.5%
Grayson	29	0.4%
Pulaski	29	0.4%
Carter	27	0.4%
Grant	27	0.4%
Henry	27	0.4%
Russell	27	0.4%
Montgomery	26	0.4%
Washington	26	0.4%
Wayne	26	0.4%
Allen	25	0.4%
Bourbon	23	0.3%
Carroll	22	0.3%
Johnson	22	0.3%
Union	22	0.3%
Mason	21	0.3%
Meade	21	0.3%
Monroe	20	0.3%
Pendleton	20	0.3%
Bracken	19	0.3%
Todd	19	0.3%

County	Cases	Percent
Trigg	18	0.3%
Webster	18	0.3%
Anderson	17	0.2%
Bell	16	0.2%
Clay	16	0.2%
Rockcastle	16	0.2%
Gallatin	15	0.2%
Mercer	15	0.2%
Spencer	15	0.2%
Christian	14	0.2%
Breckinridge	13	0.2%
Edmonson	13	0.2%
Larue	13	0.2%
Lewis	13	0.2%
Magoffin	13	0.2%
Boyle	12	0.2%
Breathitt	12	0.2%
Harrison	12	0.2%
Hart	12	0.2%
Jackson	12	0.2%
Lyon	12	0.2%
Rowan	12	0.2%
Adair	11	0.2%
Butler	11	0.2%
Garrard	11	0.2%
Knox	11	0.2%
Trimble	11	0.2%
Crittenden	10	0.1%
Lawrence	10	0.1%
Wolfe	10	0.1%

County	Cases	Percent
Fleming	9	0.1%
McLean	9	0.1%
Morgan	9	0.1%
Owen	9	0.1%
Taylor	9	0.1%
Caldwell	8	0.1%
Knott	8	0.1%
Ballard	7	0.1%
Lee	7	0.1%
Lincoln	7	0.1%
Livingston	7	0.1%
Cumberland	6	0.1%
Fulton	6	0.1%
Green	6	0.1%
Casey	5	0.1%
Estill	5	0.1%
Hancock	5	0.1%
Hickman	5	0.1%
Martin	5	0.1%
Metcalfe	5	0.1%
Nicholas	5	0.1%
Elliott	4	0.1%
Bath	3	0.0%
Leslie	3	0.0%
Clinton	2	0.0%
Carlisle	1	0.0%
McCreary	1	0.0%
Owsley	1	0.0%
Robertson	1	0.0%
Menifee	0	0.0%

Total New Cases
6,915

Total Deaths by County

County	Deaths	Percent
Jefferson	1,851	15.1%
Fayette	481	3.9%
Hardin	347	2.8%
Kenton	321	2.6%
Daviess	316	2.6%
Warren	306	2.5%
Boone	232	1.9%
Pike	228	1.9%
Pulaski	222	1.8%
Hopkins	221	1.8%
Madison	214	1.7%
McCracken	202	1.6%
Barren	182	1.5%
Laurel	181	1.5%
Christian	175	1.4%
Bullitt	160	1.3%
Harlan	160	1.3%
Floyd	147	1.2%
Whitley	142	1.2%
Graves	140	1.1%
Henderson	134	1.1%
Perry	132	1.1%
Boyd	131	1.1%
Shelby	129	1.1%
Campbell	122	1.0%
Bell	121	1.0%
Boyle	117	1.0%
Franklin	116	0.9%
Oldham	114	0.9%
Jessamine	113	0.9%

County	Deaths	Percent
Nelson	111	0.9%
Greenup	110	0.9%
Grayson	109	0.9%
Lincoln	108	0.9%
Knox	107	0.9%
Taylor	102	0.8%
Muhlenberg	101	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	83	0.7%
Hart	83	0.7%
Mason	82	0.7%
Johnson	80	0.7%
Carter	79	0.6%
Montgomery	77	0.6%
Scott	75	0.6%
Simpson	73	0.6%
Wayne	73	0.6%
Calloway	70	0.6%
Clay	69	0.6%
Lewis	69	0.6%
Monroe	69	0.6%
McCreary	66	0.5%
Marion	63	0.5%
Casey	62	0.5%
Russell	62	0.5%

County	Deaths	Percent
Garrard	60	0.5%
Jackson	59	0.5%
Anderson	57	0.5%
Harrison	57	0.5%
Larue	57	0.5%
Breckinridge	54	0.4%
Caldwell	54	0.4%
Washington	52	0.4%
Metcalfe	51	0.4%
Meade	50	0.4%
Clark	49	0.4%
Livingston	49	0.4%
Lawrence	48	0.4%
Rockcastle	48	0.4%
Breathitt	47	0.4%
Knott	47	0.4%
Rowan	46	0.4%
Union	46	0.4%
Webster	46	0.4%
Bourbon	44	0.4%
Butler	44	0.4%
Gallatin	44	0.4%
Lee	44	0.4%
McLean	44	0.4%
Spencer	44	0.4%
Fleming	43	0.4%
Grant	42	0.3%
Clinton	41	0.3%
Martin	39	0.3%
Todd	39	0.3%

County	Deaths	Percent
Crittenden	38	0.3%
Henry	38	0.3%
Woodford	38	0.3%
Estill	37	0.3%
Leslie	37	0.3%
Carroll	36	0.3%
Green	35	0.3%
Magoffin	35	0.3%
Bath	34	0.3%
Edmonson	34	0.3%
Trigg	31	0.3%
Lyon	30	0.2%
Trimble	30	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
12,255

Incidence Rates by County

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

County	Rate
Jefferson	193.7
Fayette	162.5
Simpson	145.4
Jessamine	135.7
Oldham	132.6
Campbell	131.6
Boone	129.2
Greenup	126.2
Kenton	122.3
Robertson	122.0
Gallatin	117.6
Henry	116.9
Powell	116.7
Muhlenberg	114.8
Warren	114.5
Woodford	114.4
Nelson	110.3
Daviess	107.8
Logan	107.0
Trimble	106.2
Lewis	104.4
Letcher	102.1
Cumberland	101.5
Shelby	100.0
Carter	99.7
Edmonson	98.8
Hardin	97.6
Allen	97.2
Bullitt	96.5
Union	96.4

County	Rate
Graves	95.8
Monroe	95.2
Wolfe	93.8
Washington	90.9
McLean	90.0
Bourbon	89.5
Franklin	88.5
Harrison	88.5
Pike	88.1
McCracken	88.0
Carroll	87.3
Marion	86.0
Spencer	85.6
Mason	84.5
Ohio	83.4
Garrard	83.3
Clark	83.1
Scott	81.9
Mercer	80.8
Boyd	80.7
Magoffin	79.9
Perry	79.9
Caldwell	79.6
Crittenden	79.5
Madison	79.0
Hancock	78.6
Breckinridge	78.1
Anderson	77.2
Todd	76.7
Pendleton	76.4

County	Rate
Owen	76.0
Hart	74.3
Barren	74.3
Floyd	72.7
Russell	72.5
Harlan	71.4
Taylor	71.0
Bracken	70.5
Marshall	70.3
Whitley	70.1
Clay	69.6
Trigg	69.2
Hopkins	68.4
Grayson	67.0
Nicholas	66.8
Butler	66.6
Martin	65.1
Breathitt	64.5
Ballard	63.4
Grant	63.3
Carlisle	63.0
Rowan	62.5
Hickman	62.0
Calloway	61.9
Jackson	60.0
Lyon	59.2
Henderson	59.1
Webster	58.5
Bell	58.2
Fleming	57.8

County	Rate
Rockcastle	57.3
Metcalfe	55.3
Boyle	55.1
Leslie	53.5
Laurel	53.3
Larue	51.6
Lawrence	51.3
Johnson	48.9
Wayne	47.1
Lee	46.3
Livingston	45.1
Knott	44.4
Meade	42.5
Knox	42.2
Green	39.2
Fulton	35.9
Estill	35.4
Bath	35.4
Adair	35.0
Christian	34.7
Clinton	33.6
Elliott	32.3
Morgan	30.1
Owsley	29.1
Lincoln	28.5
Casey	28.3
Pulaski	22.9
Montgomery	20.3
McCreary	19.9
Menifee	17.6

Current Overall Incidence Rate
109.36 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.