

KY COVID-19 Report 28DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	850,632	596,895	253,737
Deaths	12,097	10,624	1,473
New Cases	4,297	2,407	1,890
New Cases 18 and Under	734	341	393
Total New Deaths	23	21	2

Duplicates and records not meeting case criteria removed since last report: 44

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
61,739	7.3%	0-9	0.0%	2
117,182	13.8%	10-19	0.1%	9
144,836	17.0%	20-29	0.4%	45
132,375	15.6%	30-39	1.3%	155
122,482	14.4%	40-49	3.9%	468
112,376	13.2%	50-59	9.7%	1,178
83,816	9.9%	60-69	20.1%	2,426
48,493	5.7%	70-79	27.0%	3,262
27,087	3.2%	80+	37.6%	4,552
246	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,526	0.4%	American Indian	0.1%	15
6,284	0.9%	Asian	0.4%	52
54,596	7.6%	Black	7.0%	815
382	0.1%	Pacific Islander	0.1%	7
615,268	86.0%	White	89.5%	10,356
36,251	5.1%	Multiracial	2.8%	321

Cases	Case Percent	Ethnicity	Death Percent	Deaths
30,274	4.5%	Hispanic	1.5%	170
649,706	95.5%	Non-Hispanic	98.5%	11,111

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.1% 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
12,882	102,145	12.61%

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
11,278,823	8,213,199	405,717	2,377,887	1,033,256	703,255	54,877	275,124

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,644	4.07%
Ever ICU	6,658	0.78%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,330
ICU	342
On Ventilator	203

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,529	4,531	65.3%
ICU Beds	1,234	130	90.5%
Ventilators	676	1,249	35.1%

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	86	25	13	10.4%	32.5%	13.4%	56.71%	97.40%	27.84%
Region 2	88	26	17	11.4%	35.6%	19.8%	68.13%	87.67%	45.35%
Region 3	472	107	62	12.7%	28.5%	13.5%	67.27%	95.20%	42.36%
Region 4	67	19	10	8.1%	23.2%	7.7%	57.75%	98.78%	19.23%
Region 5	211	61	37	7.7%	18.7%	6.6%	69.67%	88.99%	36.43%
Region 6	137	28	18	11.4%	36.4%	14.1%	77.78%	98.70%	44.53%
Region 7	71	20	8	11.0%	24.4%	6.2%	65.89%	67.07%	17.83%
Region 8	101	24	18	8.5%	19.4%	10.8%	53.59%	89.52%	33.53%
Region 9	72	21	15	11.2%	22.6%	15.2%	59.84%	80.65%	26.26%
Region 10	25	11	5	5.2%	20.4%	7.0%	52.59%	90.74%	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	136,848	16.1%
Fayette	57,940	6.8%
Warren	28,769	3.4%
Kenton	28,072	3.3%
Boone	24,171	2.8%
Hardin	20,718	2.4%
Daviess	19,993	2.4%
Madison	18,538	2.2%
Campbell	14,698	1.7%
Laurel	14,011	1.6%
Bullitt	13,809	1.6%
Pulaski	12,149	1.4%
Pike	12,039	1.4%
McCracken	11,712	1.4%
Oldham	11,670	1.4%
Christian	11,212	1.3%
Boyd	10,014	1.2%
Scott	9,927	1.2%
Whitley	9,733	1.1%
Nelson	9,589	1.1%
Hopkins	9,451	1.1%
Jessamine	9,354	1.1%
Barren	9,185	1.1%
Henderson	8,950	1.1%
Franklin	8,360	1.0%
Shelby	8,052	0.9%
Floyd	8,048	0.9%
Knox	7,983	0.9%
Graves	7,948	0.9%
Greenup	7,547	0.9%

County	Cases	Percent
Perry	6,874	0.8%
Muhlenberg	6,384	0.8%
Taylor	6,357	0.7%
Harlan	6,265	0.7%
Clark	6,240	0.7%
Bell	6,194	0.7%
Boyle	5,912	0.7%
Logan	5,622	0.7%
Calloway	5,603	0.7%
Marshall	5,529	0.6%
Carter	5,433	0.6%
Grayson	5,361	0.6%
Clay	5,358	0.6%
Grant	5,031	0.6%
Montgomery	5,004	0.6%
Ohio	4,995	0.6%
Mercer	4,918	0.6%
Lincoln	4,687	0.6%
Letcher	4,477	0.5%
Marion	4,453	0.5%
Rowan	4,448	0.5%
Russell	4,324	0.5%
Allen	4,311	0.5%
Johnson	4,141	0.5%
Anderson	4,112	0.5%
Woodford	4,106	0.5%
McCreary	4,057	0.5%
Hart	4,008	0.5%
Adair	3,963	0.5%
Harrison	3,963	0.5%

County	Cases	Percent
Meade	3,866	0.5%
Bourbon	3,805	0.4%
Simpson	3,731	0.4%
Wayne	3,693	0.4%
Rockcastle	3,530	0.4%
Breckinridge	3,456	0.4%
Spencer	3,382	0.4%
Morgan	3,191	0.4%
Garrard	3,177	0.4%
Lawrence	3,158	0.4%
Henry	3,109	0.4%
Powell	3,103	0.4%
Lewis	3,074	0.4%
Jackson	3,063	0.4%
Mason	3,032	0.4%
Casey	2,976	0.3%
Union	2,928	0.3%
Washington	2,692	0.3%
Caldwell	2,683	0.3%
Webster	2,673	0.3%
Knott	2,668	0.3%
Green	2,653	0.3%
Estill	2,647	0.3%
Monroe	2,638	0.3%
Butler	2,633	0.3%
Magoffin	2,610	0.3%
Larue	2,607	0.3%
Fleming	2,570	0.3%
Trigg	2,537	0.3%
Clinton	2,479	0.3%

County	Cases	Percent
Leslie	2,439	0.3%
Pendleton	2,367	0.3%
Carroll	2,335	0.3%
Breathitt	2,264	0.3%
Martin	2,208	0.3%
Metcalfe	2,199	0.3%
Lyon	2,100	0.2%
Todd	2,018	0.2%
Bath	2,009	0.2%
Lee	1,891	0.2%
McLean	1,749	0.2%
Edmonson	1,739	0.2%
Hancock	1,676	0.2%
Owen	1,673	0.2%
Livingston	1,644	0.2%
Trimble	1,514	0.2%
Cumberland	1,509	0.2%
Elliott	1,485	0.2%
Gallatin	1,475	0.2%
Wolfe	1,475	0.2%
Bracken	1,446	0.2%
Crittenden	1,445	0.2%
Nicholas	1,340	0.2%
Menifee	1,086	0.1%
Owsley	1,057	0.1%
Fulton	872	0.1%
Ballard	828	0.1%
Carlisle	743	0.1%
Hickman	605	0.1%
Robertson	448	0.1%

Total Cases
850,632

New Cases by County

County	Cases	Percent
Jefferson	1,213	28.2%
Fayette	428	10.0%
Kenton	147	3.4%
Boyd	141	3.3%
Boone	122	2.8%
Warren	109	2.5%
Madison	91	2.1%
Bullitt	86	2.0%
Daviess	80	1.9%
Hardin	77	1.8%
Laurel	77	1.8%
Pike	63	1.5%
Nelson	61	1.4%
Campbell	57	1.3%
McCracken	52	1.2%
Oldham	44	1.0%
Pulaski	42	1.0%
Jessamine	40	0.9%
Barren	37	0.9%
Whitley	37	0.9%
Scott	36	0.8%
Graves	34	0.8%
Christian	33	0.8%
Clark	32	0.7%
Perry	32	0.7%
Shelby	32	0.7%
Calloway	31	0.7%
Allen	30	0.7%
Carter	30	0.7%
Marion	29	0.7%

County	Cases	Percent
Floyd	27	0.6%
Greenup	27	0.6%
Grant	25	0.6%
Muhlenberg	25	0.6%
Franklin	24	0.6%
Marshall	23	0.5%
Logan	22	0.5%
Letcher	21	0.5%
Ohio	21	0.5%
Rockcastle	21	0.5%
Grayson	20	0.5%
Pendleton	20	0.5%
Hopkins	19	0.4%
Knott	18	0.4%
Washington	18	0.4%
Woodford	18	0.4%
Bell	16	0.4%
Bourbon	16	0.4%
Breathitt	16	0.4%
Taylor	16	0.4%
Clay	15	0.3%
Harlan	15	0.3%
Webster	15	0.3%
Magoffin	14	0.3%
Mason	14	0.3%
Mercer	14	0.3%
Monroe	14	0.3%
Union	14	0.3%
Henry	13	0.3%
Lawrence	13	0.3%

County	Cases	Percent
Lincoln	13	0.3%
Wayne	13	0.3%
Fleming	12	0.3%
Meade	12	0.3%
Montgomery	12	0.3%
Wolfe	12	0.3%
Adair	11	0.3%
Hancock	11	0.3%
Harrison	11	0.3%
Henderson	11	0.3%
Jackson	11	0.3%
Knox	11	0.3%
Lewis	11	0.3%
Simpson	11	0.3%
Todd	11	0.3%
Carlisle	10	0.2%
Larue	10	0.2%
Leslie	10	0.2%
Owen	10	0.2%
Powell	10	0.2%
Anderson	9	0.2%
Breckinridge	9	0.2%
Russell	9	0.2%
Trimble	9	0.2%
Gallatin	8	0.2%
Garrard	8	0.2%
Lee	8	0.2%
Rowan	8	0.2%
Spencer	8	0.2%
Trigg	8	0.2%

County	Cases	Percent
Boyle	7	0.2%
Hart	7	0.2%
Johnson	7	0.2%
McLean	7	0.2%
Bath	6	0.1%
Crittenden	6	0.1%
Green	6	0.1%
Metcalfe	6	0.1%
Butler	5	0.1%
Cumberland	5	0.1%
Edmonson	5	0.1%
McCreary	5	0.1%
Bracken	4	0.1%
Nicholas	4	0.1%
Carroll	3	0.1%
Elliott	3	0.1%
Lyon	3	0.1%
Martin	3	0.1%
Menifee	3	0.1%
Morgan	3	0.1%
Ballard	2	0.0%
Estill	2	0.0%
Fulton	2	0.0%
Hickman	2	0.0%
Livingston	2	0.0%
Owsley	2	0.0%
Caldwell	1	0.0%
Casey	1	0.0%
Clinton	1	0.0%
Robertson	0	0.0%

Total New Cases
4,297

Total Deaths by County

County	Deaths	Percent
Jefferson	1,830	15.1%
Fayette	473	3.9%
Hardin	343	2.8%
Kenton	317	2.6%
Daviess	310	2.6%
Warren	302	2.5%
Boone	231	1.9%
Pike	223	1.8%
Pulaski	220	1.8%
Hopkins	219	1.8%
Madison	212	1.8%
McCracken	202	1.7%
Barren	179	1.5%
Laurel	177	1.5%
Christian	174	1.4%
Bullitt	160	1.3%
Harlan	158	1.3%
Floyd	146	1.2%
Whitley	141	1.2%
Graves	139	1.1%
Henderson	133	1.1%
Perry	131	1.1%
Boyd	129	1.1%
Shelby	128	1.1%
Campbell	121	1.0%
Bell	119	1.0%
Boyle	116	1.0%
Franklin	114	0.9%
Jessamine	112	0.9%
Oldham	112	0.9%

County	Deaths	Percent
Greenup	110	0.9%
Nelson	110	0.9%
Grayson	106	0.9%
Knox	106	0.9%
Lincoln	106	0.9%
Muhlenberg	101	0.8%
Taylor	100	0.8%
Logan	98	0.8%
Mercer	94	0.8%
Ohio	91	0.8%
Adair	89	0.7%
Letcher	86	0.7%
Marshall	85	0.7%
Allen	81	0.7%
Mason	81	0.7%
Hart	78	0.6%
Johnson	78	0.6%
Carter	76	0.6%
Scott	75	0.6%
Montgomery	74	0.6%
Simpson	72	0.6%
Wayne	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	53	0.4%
Breckinridge	51	0.4%
Washington	51	0.4%
Meade	50	0.4%
Metcalfe	50	0.4%
Livingston	49	0.4%
Clark	48	0.4%
Lawrence	48	0.4%
Breathitt	47	0.4%
Knott	47	0.4%
Rowan	46	0.4%
Union	46	0.4%
Webster	45	0.4%
Gallatin	44	0.4%
Rockcastle	44	0.4%
Butler	43	0.4%
Spencer	43	0.4%
Bourbon	42	0.3%
Fleming	42	0.3%
Lee	42	0.3%
McLean	42	0.3%
Clinton	41	0.3%
Grant	41	0.3%
Martin	39	0.3%
Todd	38	0.3%

County	Deaths	Percent
Crittenden	37	0.3%
Estill	37	0.3%
Leslie	37	0.3%
Woodford	37	0.3%
Henry	36	0.3%
Green	35	0.3%
Magoffin	35	0.3%
Bath	34	0.3%
Carroll	34	0.3%
Edmonson	34	0.3%
Lyon	29	0.2%
Nicholas	29	0.2%
Owen	29	0.2%
Pendleton	29	0.2%
Trigg	29	0.2%
Powell	28	0.2%
Trimble	28	0.2%
Ballard	26	0.2%
Menifee	26	0.2%
Fulton	23	0.2%
Owsley	23	0.2%
Hickman	22	0.2%
Bracken	20	0.2%
Cumberland	20	0.2%
Hancock	19	0.2%
Robertson	18	0.1%
Morgan	17	0.1%
Wolfe	14	0.1%
Carlisle	13	0.1%
Elliott	13	0.1%

Total Deaths
12,097

Incidence Rates by County

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

County	Rate
Wolfe	87.8
Jefferson	73.7
Hancock	70.4
Fayette	69.7
Carter	64.5
Boone	63.3
Boyd	63.0
Union	62.6
Powell	62.4
Logan	61.7
Monroe	60.4
Trimble	59.0
Oldham	57.7
Woodford	57.7
Nelson	57.2
Campbell	55.9
Warren	55.7
Allen	55.6
Kenton	55.6
Henry	54.9
Bourbon	54.9
Simpson	54.6
Daviess	54.3
Metcalfe	53.9
Perry	53.8
Carroll	53.8
Gallatin	53.2
Pendleton	52.9
McCracken	52.6
Madison	52.5

County	Rate
Webster	51.9
Rowan	51.4
Hart	51.0
Harrison	49.9
Graves	49.8
Greenup	49.7
Lewis	49.5
Rockcastle	48.8
Muhlenberg	48.5
Ohio	47.6
Floyd	47.4
Jackson	47.2
Jessamine	47.0
Scott	46.4
Garrard	46.1
Mason	46.0
Marion	46.0
Laurel	44.9
Caldwell	44.8
Pike	44.4
Clark	44.1
Barren	43.6
Franklin	42.9
Breckinridge	42.6
Whitley	42.5
Fleming	42.1
Carlisle	42.0
Trigg	41.9
Washington	41.3
Edmonson	41.2

County	Rate
Bullitt	41.1
Lee	40.5
McLean	40.3
Marshall	39.5
Grayson	39.5
Hardin	38.5
Boyle	38.5
Taylor	38.3
Lawrence	38.2
Grant	38.2
Owen	38.0
Adair	37.9
Anderson	37.7
Henderson	37.6
Clay	37.3
Todd	37.2
Russell	36.7
Livingston	35.7
Letcher	35.1
Leslie	34.7
Shelby	34.4
Hopkins	34.2
Crittenden	34.1
Breathitt	33.9
Knott	33.8
Knox	33.0
Estill	32.4
Magoffin	31.7
Bracken	31.0
Menifee	30.8

County	Rate
Mercer	30.0
Larue	29.8
Bath	29.7
Nicholas	29.5
Meade	29.0
Green	28.7
Calloway	27.8
Butler	27.7
Harlan	27.5
Spencer	27.3
Martin	26.8
McCreary	24.9
Bell	24.7
Cumberland	23.8
Johnson	23.2
Hickman	22.8
Owsley	22.7
Lyon	22.6
Christian	21.1
Wayne	20.4
Lincoln	19.8
Elliott	17.1
Ballard	16.3
Clinton	15.4
Montgomery	13.2
Casey	12.4
Fulton	12.0
Morgan	11.8
Pulaski	10.1
Robertson	6.8

Current Overall Incidence Rate
50.99 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.