

KY COVID-19 Report 24DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	842,119	591,399	250,720
Deaths	12,001	10,534	1,467
New Cases	2,847	1,978	869
New Cases 18 and Under	502	311	191
Total New Deaths	44	34	10

Duplicates and records not meeting case criteria removed since last report: 36

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
61,184	7.3%	0-9	0.0%	2
116,228	13.8%	10-19	0.1%	9
142,981	17.0%	20-29	0.4%	45
130,945	15.5%	30-39	1.3%	154
121,196	14.4%	40-49	3.9%	465
111,261	13.2%	50-59	9.7%	1,166
83,066	9.9%	60-69	20.0%	2,405
48,092	5.7%	70-79	27.0%	3,240
26,921	3.2%	80+	37.6%	4,515
245	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,495	0.4%	American Indian	0.1%	15
6,217	0.9%	Asian	0.5%	52
54,045	7.6%	Black	7.0%	808
382	0.1%	Pacific Islander	0.1%	7
610,573	86.0%	White	89.6%	10,276
35,984	5.1%	Multiracial	2.8%	317

Cases	Case Percent	Ethnicity	Death Percent	Deaths
30,038	4.5%	Hispanic	1.5%	170
643,599	95.5%	Non-Hispanic	98.5%	11,024

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
11,005	107,132	10.27%

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
11,205,536	8,164,744	405,388	2,354,739	1,022,070	695,591	54,798	271,681

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,506	4.10%
Ever ICU	6,635	0.79%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,251
ICU	339
On Ventilator	199

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,010	4,135	68.5%
ICU Beds	1,215	173	87.5%
Ventilators	704	1,199	37.0%

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	65	20	4	8.6%	28.6%	4.2%	62.24%	95.71%	16.67%
Region 2	79	21	14	10.2%	28.4%	16.3%	69.85%	90.54%	38.37%
Region 3	437	117	65	11.7%	30.5%	14.5%	72.96%	94.78%	44.87%
Region 4	58	19	15	7.0%	23.5%	11.5%	58.79%	96.30%	26.15%
Region 5	213	63	41	7.7%	18.2%	7.3%	75.95%	88.47%	39.46%
Region 6	129	24	12	10.5%	29.6%	9.3%	79.25%	100.00%	53.49%
Region 7	75	18	10	11.6%	22.0%	7.8%	63.88%	37.80%	17.83%
Region 8	96	29	19	8.1%	22.8%	12.3%	53.54%	77.95%	34.42%
Region 9	75	17	13	10.1%	19.3%	13.0%	55.65%	78.41%	25.00%
Region 10	24	11	6	5.0%	20.0%	8.5%	52.27%	96.36%	40.85%

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	134,590	16.0%
Fayette	57,114	6.8%
Warren	28,496	3.4%
Kenton	27,699	3.3%
Boone	23,846	2.8%
Hardin	20,575	2.4%
Daviess	19,825	2.4%
Madison	18,368	2.2%
Campbell	14,514	1.7%
Laurel	13,921	1.7%
Bullitt	13,672	1.6%
Pulaski	12,090	1.4%
Pike	11,906	1.4%
McCracken	11,625	1.4%
Oldham	11,541	1.4%
Christian	11,164	1.3%
Boyd	9,858	1.2%
Scott	9,828	1.2%
Whitley	9,680	1.1%
Nelson	9,490	1.1%
Hopkins	9,407	1.1%
Jessamine	9,256	1.1%
Barren	9,108	1.1%
Henderson	8,923	1.1%
Franklin	8,264	1.0%
Shelby	7,993	0.9%
Floyd	7,990	0.9%
Knox	7,963	0.9%
Graves	7,867	0.9%
Greenup	7,474	0.9%

County	Cases	Percent
Perry	6,829	0.8%
Muhlenberg	6,324	0.8%
Taylor	6,320	0.8%
Harlan	6,248	0.7%
Clark	6,175	0.7%
Bell	6,170	0.7%
Boyle	5,867	0.7%
Calloway	5,553	0.7%
Logan	5,548	0.7%
Marshall	5,492	0.7%
Carter	5,359	0.6%
Clay	5,335	0.6%
Grayson	5,322	0.6%
Grant	4,983	0.6%
Montgomery	4,983	0.6%
Ohio	4,954	0.6%
Mercer	4,887	0.6%
Lincoln	4,666	0.6%
Letcher	4,445	0.5%
Rowan	4,415	0.5%
Marion	4,409	0.5%
Russell	4,300	0.5%
Allen	4,257	0.5%
Johnson	4,127	0.5%
Anderson	4,087	0.5%
Woodford	4,052	0.5%
McCreary	4,038	0.5%
Hart	3,983	0.5%
Adair	3,935	0.5%
Harrison	3,920	0.5%

County	Cases	Percent
Meade	3,841	0.5%
Bourbon	3,776	0.4%
Simpson	3,696	0.4%
Wayne	3,677	0.4%
Rockcastle	3,500	0.4%
Breckinridge	3,428	0.4%
Spencer	3,359	0.4%
Morgan	3,189	0.4%
Garrard	3,152	0.4%
Lawrence	3,136	0.4%
Powell	3,081	0.4%
Henry	3,080	0.4%
Lewis	3,059	0.4%
Jackson	3,044	0.4%
Mason	3,011	0.4%
Casey	2,972	0.4%
Union	2,907	0.3%
Caldwell	2,671	0.3%
Washington	2,670	0.3%
Webster	2,653	0.3%
Knott	2,642	0.3%
Green	2,641	0.3%
Estill	2,635	0.3%
Butler	2,625	0.3%
Monroe	2,616	0.3%
Magoffin	2,593	0.3%
Larue	2,585	0.3%
Fleming	2,546	0.3%
Trigg	2,525	0.3%
Clinton	2,475	0.3%

County	Cases	Percent
Leslie	2,426	0.3%
Pendleton	2,342	0.3%
Carroll	2,321	0.3%
Breathitt	2,245	0.3%
Martin	2,200	0.3%
Metcalfe	2,173	0.3%
Lyon	2,093	0.2%
Todd	2,004	0.2%
Bath	1,997	0.2%
Lee	1,882	0.2%
McLean	1,738	0.2%
Edmonson	1,721	0.2%
Hancock	1,659	0.2%
Owen	1,659	0.2%
Livingston	1,639	0.2%
Cumberland	1,500	0.2%
Trimble	1,500	0.2%
Elliott	1,481	0.2%
Gallatin	1,460	0.2%
Wolfe	1,447	0.2%
Crittenden	1,437	0.2%
Bracken	1,436	0.2%
Nicholas	1,333	0.2%
Menifee	1,077	0.1%
Owsley	1,053	0.1%
Fulton	869	0.1%
Ballard	822	0.1%
Carlisle	732	0.1%
Hickman	601	0.1%
Robertson	448	0.1%

Total Cases
842,119

New Cases by County

County	Cases	Percent
Jefferson	726	25.5%
Fayette	278	9.8%
Kenton	104	3.7%
Warren	94	3.3%
Boone	93	3.3%
Campbell	85	3.0%
Daviess	80	2.8%
McCracken	73	2.6%
Oldham	61	2.1%
Hardin	55	1.9%
Henderson	44	1.5%
Bullitt	43	1.5%
Madison	41	1.4%
Pulaski	40	1.4%
Nelson	32	1.1%
Scott	31	1.1%
Laurel	28	1.0%
Floyd	26	0.9%
Franklin	25	0.9%
Shelby	25	0.9%
Taylor	24	0.8%
Jessamine	23	0.8%
Greenup	22	0.8%
Rowan	22	0.8%
Carter	20	0.7%
Hopkins	19	0.7%
Muhlenberg	19	0.7%
Logan	17	0.6%
Ohio	17	0.6%
Adair	16	0.6%

County	Cases	Percent
Perry	16	0.6%
Union	16	0.6%
Harlan	15	0.5%
Hart	15	0.5%
Simpson	15	0.5%
Barren	14	0.5%
Grant	14	0.5%
Johnson	14	0.5%
Mason	14	0.5%
Henry	13	0.5%
Todd	13	0.5%
Anderson	12	0.4%
Bath	12	0.4%
Bourbon	12	0.4%
Christian	12	0.4%
Clark	12	0.4%
Grayson	12	0.4%
Harrison	12	0.4%
Trimble	12	0.4%
Woodford	12	0.4%
Calloway	11	0.4%
Graves	11	0.4%
Russell	11	0.4%
Spencer	11	0.4%
Trigg	11	0.4%
Boyle	10	0.4%
Caldwell	10	0.4%
Estill	10	0.4%
Garrard	10	0.4%
Marion	10	0.4%

County	Cases	Percent
Meade	10	0.4%
Pike	10	0.4%
Whitley	10	0.4%
Carroll	9	0.3%
Clay	9	0.3%
Green	9	0.3%
Hancock	9	0.3%
Webster	9	0.3%
Breathitt	8	0.3%
Breckinridge	8	0.3%
Marshall	8	0.3%
Clinton	7	0.2%
Edmonson	7	0.2%
Lawrence	7	0.2%
Lincoln	7	0.2%
Livingston	7	0.2%
McCreary	7	0.2%
McLean	7	0.2%
Martin	7	0.2%
Montgomery	7	0.2%
Powell	7	0.2%
Bell	6	0.2%
Casey	6	0.2%
Knox	6	0.2%
Rockcastle	6	0.2%
Allen	5	0.2%
Boyd	5	0.2%
Fleming	5	0.2%
Larue	5	0.2%
Leslie	5	0.2%

County	Cases	Percent
Letcher	5	0.2%
Wayne	5	0.2%
Wolfe	5	0.2%
Crittenden	4	0.1%
Elliott	4	0.1%
Lewis	4	0.1%
Mercer	4	0.1%
Morgan	4	0.1%
Nicholas	4	0.1%
Pendleton	4	0.1%
Butler	3	0.1%
Jackson	3	0.1%
Knott	3	0.1%
Menifee	3	0.1%
Metcalfe	3	0.1%
Owen	3	0.1%
Washington	3	0.1%
Carlisle	2	0.1%
Magoffin	2	0.1%
Bracken	1	0.0%
Gallatin	1	0.0%
Hickman	1	0.0%
Lee	1	0.0%
Monroe	1	0.0%
Robertson	1	0.0%
Ballard	0	0.0%
Cumberland	0	0.0%
Fulton	0	0.0%
Lyon	0	0.0%
Owsley	0	0.0%

Total New Cases
2,847

Total Deaths by County

County	Deaths	Percent
Jefferson	1,815	15.1%
Fayette	471	3.9%
Hardin	339	2.8%
Kenton	315	2.6%
Daviess	307	2.6%
Warren	299	2.5%
Boone	228	1.9%
Pike	222	1.8%
Hopkins	218	1.8%
Pulaski	215	1.8%
Madison	212	1.8%
McCracken	202	1.7%
Barren	178	1.5%
Laurel	175	1.5%
Christian	174	1.4%
Bullitt	158	1.3%
Harlan	155	1.3%
Floyd	146	1.2%
Whitley	140	1.2%
Graves	137	1.1%
Henderson	131	1.1%
Perry	130	1.1%
Boyd	127	1.1%
Shelby	126	1.0%
Campbell	121	1.0%
Bell	119	1.0%
Boyle	115	1.0%
Franklin	113	0.9%
Oldham	112	0.9%
Jessamine	110	0.9%

County	Deaths	Percent
Nelson	110	0.9%
Greenup	109	0.9%
Knox	106	0.9%
Lincoln	105	0.9%
Grayson	103	0.9%
Muhlenberg	100	0.8%
Taylor	99	0.8%
Logan	98	0.8%
Mercer	93	0.8%
Ohio	91	0.8%
Adair	86	0.7%
Letcher	86	0.7%
Marshall	85	0.7%
Mason	81	0.7%
Allen	80	0.7%
Hart	78	0.6%
Johnson	77	0.6%
Carter	74	0.6%
Scott	74	0.6%
Montgomery	73	0.6%
Simpson	71	0.6%
Wayne	71	0.6%
Calloway	69	0.6%
Clay	68	0.6%
Monroe	67	0.6%
Lewis	66	0.5%
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%
Larue	57	0.5%
Anderson	56	0.5%
Harrison	56	0.5%
Caldwell	53	0.4%
Washington	51	0.4%
Breckinridge	50	0.4%
Meade	50	0.4%
Livingston	49	0.4%
Metcalfe	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%
Gallatin	44	0.4%
Rockcastle	44	0.4%
Webster	44	0.4%
Butler	43	0.4%
Spencer	43	0.4%
Bourbon	42	0.3%
McLean	42	0.3%
Clinton	41	0.3%
Fleming	41	0.3%
Grant	41	0.3%
Lee	41	0.3%
Martin	39	0.3%
Crittenden	37	0.3%

County	Deaths	Percent
Estill	37	0.3%
Leslie	37	0.3%
Todd	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%
Owen	29	0.2%
Pendleton	29	0.2%
Trigg	29	0.2%
Nicholas	28	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%
Morgan	17	0.1%
Robertson	17	0.1%
Elliott	13	0.1%
Wolfe	13	0.1%
Carlisle	12	0.1%

Total Deaths
12,001

Incidence Rates by County

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

County	Rate
Wolfe	99.8
Carroll	91.4
Union	84.4
Trimble	84.3
Hancock	78.6
Henry	75.3
Lewis	73.2
Trigg	71.2
Monroe	71.1
Powell	69.4
Carter	67.2
Boyd	63.0
Clark	61.8
Breckinridge	61.4
Lee	59.8
Mason	59.4
Daviess	58.7
Perry	58.2
Boone	56.7
Rowan	56.7
Pendleton	55.8
Ohio	55.4
Campbell	55.0
Bourbon	54.9
Jefferson	54.8
Livingston	54.4
Nelson	54.1
Caldwell	53.8
McCracken	53.5
Madison	53.5

County	Rate
Fayette	52.7
Hart	52.5
Woodford	51.8
Oldham	51.3
Henderson	51.2
Fleming	50.9
Jackson	50.4
Garrard	50.1
Greenup	50.1
Laurel	50.0
Simpson	50.0
Floyd	49.8
Marshall	48.7
Kenton	47.3
Knox	46.8
Estill	46.6
Jessamine	46.2
Washington	46.1
Logan	45.9
Harlan	45.6
Allen	45.6
Warren	45.3
Muhlenberg	45.3
Martin	44.7
Scott	44.4
Webster	43.0
Anderson	42.7
Franklin	42.3
Russell	42.2
Crittenden	42.2

County	Rate
Barren	41.3
Metcalfe	41.1
Letcher	41.1
Grayson	41.1
Hardin	41.1
Gallatin	40.3
Graves	39.9
Bracken	39.6
Whitley	39.4
Rockcastle	39.4
Spencer	39.1
Carlisle	39.0
McLean	38.8
Bullitt	38.3
Elliott	38.0
Knott	37.6
Leslie	37.6
Owen	36.7
Bath	36.6
Hopkins	36.4
Marion	36.3
Harrison	36.3
Shelby	36.1
Butler	35.5
Lawrence	35.4
Menifee	35.2
Clay	35.2
Boyle	34.2
Breathitt	33.9
Meade	33.0

County	Rate
Bell	32.9
Grant	32.5
Taylor	32.2
Pike	32.1
Adair	32.0
Edmonson	31.7
Johnson	30.9
Todd	30.2
Mercer	30.0
Magoffin	29.4
Robertson	27.1
Lyon	24.4
Fulton	23.9
Green	23.5
Lincoln	23.3
Morgan	22.5
Christian	21.7
Nicholas	21.6
Calloway	20.9
McCreary	20.7
Wayne	20.4
Larue	19.8
Montgomery	19.8
Cumberland	19.4
Clinton	18.2
Ballard	18.1
Casey	16.8
Hickman	16.3
Pulaski	13.4
Owsley	12.9

Current Overall Incidence Rate
46.89 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.