

KY COVID-19 Report 23DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	839,308	589,439	249,869
Deaths	11,957	10,500	1,457
New Cases	2,878	1,907	971
New Cases 18 and Under	552	337	215
Total New Deaths	39	37	2

Duplicates and records not meeting case criteria removed since last report: 11

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
60,960	7.3%	0-9	0.0%	2
115,894	13.8%	10-19	0.1%	9
142,346	17.0%	20-29	0.4%	45
130,460	15.5%	30-39	1.3%	153
120,805	14.4%	40-49	3.9%	462
110,925	13.2%	50-59	9.7%	1,162
82,829	9.9%	60-69	20.0%	2,397
47,979	5.7%	70-79	27.0%	3,230
26,865	3.2%	80+	37.6%	4,497
245	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,485	0.4%	American Indian	0.1%	14
6,188	0.9%	Asian	0.5%	52
53,789	7.6%	Black	7.0%	805
382	0.1%	Pacific Islander	0.1%	7
608,374	86.0%	White	89.6%	10,239
35,876	5.1%	Multiracial	2.8%	316

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,957	4.5%	Hispanic	1.5%	168
641,446	95.5%	Non-Hispanic	98.5%	10,984

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.2% 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
10,497	105,438	9.96%

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
11,172,168	8,142,495	405,181	2,344,272	1,018,561	693,079	54,739	270,743

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	34,465	4.11%
Ever ICU	6,627	0.79%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,273
ICU	355
On Ventilator	186

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,227	3,976	69.9%
ICU Beds	1,279	135	90.5%
Ventilators	702	1,208	36.8%

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	67	20	5	8.3%	26.0%	5.2%	63.50%	96.10%	19.59%
Region 2	71	22	14	9.1%	28.9%	16.3%	70.57%	93.42%	40.70%
Region 3	449	128	58	12.0%	32.4%	12.7%	73.62%	94.18%	42.32%
Region 4	58	19	15	6.6%	24.1%	11.5%	55.87%	96.20%	23.08%
Region 5	214	64	39	7.6%	18.0%	7.0%	76.48%	88.76%	40.36%
Region 6	137	27	12	11.3%	34.2%	9.3%	79.74%	98.73%	51.16%
Region 7	78	17	9	12.1%	21.0%	7.0%	68.22%	61.73%	17.83%
Region 8	89	27	18	7.5%	21.6%	11.7%	56.83%	90.40%	35.71%
Region 9	79	18	11	11.8%	20.2%	11.2%	59.46%	83.15%	27.55%
Region 10	31	13	5	6.4%	22.8%	7.0%	61.93%	96.49%	39.44%

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	133,897	16.0%
Fayette	56,848	6.8%
Warren	28,401	3.4%
Kenton	27,595	3.3%
Boone	23,753	2.8%
Hardin	20,523	2.4%
Daviess	19,747	2.4%
Madison	18,328	2.2%
Campbell	14,429	1.7%
Laurel	13,897	1.7%
Bullitt	13,627	1.6%
Pulaski	12,049	1.4%
Pike	11,896	1.4%
McCracken	11,555	1.4%
Oldham	11,475	1.4%
Christian	11,152	1.3%
Boyd	9,854	1.2%
Scott	9,798	1.2%
Whitley	9,666	1.2%
Nelson	9,458	1.1%
Hopkins	9,388	1.1%
Jessamine	9,231	1.1%
Barren	9,095	1.1%
Henderson	8,881	1.1%
Franklin	8,236	1.0%
Shelby	7,968	0.9%
Floyd	7,964	0.9%
Knox	7,957	0.9%
Graves	7,857	0.9%
Greenup	7,451	0.9%

County	Cases	Percent
Perry	6,813	0.8%
Muhlenberg	6,305	0.8%
Taylor	6,297	0.8%
Harlan	6,233	0.7%
Bell	6,164	0.7%
Clark	6,163	0.7%
Boyle	5,857	0.7%
Calloway	5,543	0.7%
Logan	5,528	0.7%
Marshall	5,484	0.7%
Carter	5,339	0.6%
Clay	5,326	0.6%
Grayson	5,310	0.6%
Montgomery	4,976	0.6%
Grant	4,969	0.6%
Ohio	4,937	0.6%
Mercer	4,884	0.6%
Lincoln	4,659	0.6%
Letcher	4,440	0.5%
Marion	4,399	0.5%
Rowan	4,393	0.5%
Russell	4,289	0.5%
Allen	4,252	0.5%
Johnson	4,113	0.5%
Anderson	4,075	0.5%
Woodford	4,037	0.5%
McCreary	4,031	0.5%
Hart	3,967	0.5%
Adair	3,919	0.5%
Harrison	3,908	0.5%

County	Cases	Percent
Meade	3,830	0.5%
Bourbon	3,763	0.4%
Simpson	3,681	0.4%
Wayne	3,673	0.4%
Rockcastle	3,494	0.4%
Breckinridge	3,419	0.4%
Spencer	3,345	0.4%
Morgan	3,185	0.4%
Garrard	3,141	0.4%
Lawrence	3,129	0.4%
Powell	3,074	0.4%
Henry	3,066	0.4%
Lewis	3,055	0.4%
Jackson	3,041	0.4%
Mason	2,997	0.4%
Casey	2,965	0.4%
Union	2,889	0.3%
Washington	2,666	0.3%
Caldwell	2,661	0.3%
Webster	2,644	0.3%
Knott	2,639	0.3%
Green	2,632	0.3%
Estill	2,624	0.3%
Butler	2,621	0.3%
Monroe	2,615	0.3%
Magoffin	2,591	0.3%
Larue	2,580	0.3%
Fleming	2,541	0.3%
Trigg	2,514	0.3%
Clinton	2,468	0.3%

County	Cases	Percent
Leslie	2,421	0.3%
Pendleton	2,338	0.3%
Carroll	2,312	0.3%
Breathitt	2,237	0.3%
Martin	2,193	0.3%
Metcalfe	2,170	0.3%
Lyon	2,093	0.2%
Todd	1,999	0.2%
Bath	1,985	0.2%
Lee	1,880	0.2%
McLean	1,731	0.2%
Edmonson	1,716	0.2%
Owen	1,656	0.2%
Hancock	1,651	0.2%
Livingston	1,632	0.2%
Cumberland	1,500	0.2%
Trimble	1,487	0.2%
Elliott	1,477	0.2%
Gallatin	1,459	0.2%
Wolfe	1,442	0.2%
Bracken	1,435	0.2%
Crittenden	1,433	0.2%
Nicholas	1,329	0.2%
Menifee	1,074	0.1%
Owsley	1,053	0.1%
Fulton	869	0.1%
Ballard	822	0.1%
Carlisle	729	0.1%
Hickman	600	0.1%
Robertson	447	0.1%

Total Cases
839,308

New Cases by County

County	Cases	Percent
Jefferson	544	18.9%
Fayette	260	9.0%
Kenton	139	4.8%
Boone	122	4.2%
Warren	81	2.8%
Daviess	71	2.5%
Campbell	68	2.4%
Madison	61	2.1%
McCracken	58	2.0%
Hardin	51	1.8%
Scott	44	1.5%
Perry	39	1.4%
Pulaski	38	1.3%
Boyd	36	1.3%
Oldham	35	1.2%
Franklin	34	1.2%
Knox	33	1.1%
Henderson	31	1.1%
Laurel	31	1.1%
Breckinridge	29	1.0%
Clark	29	1.0%
Nelson	29	1.0%
Bourbon	27	0.9%
Jessamine	26	0.9%
Woodford	25	0.9%
Bullitt	24	0.8%
McCreary	24	0.8%
Pike	23	0.8%
Lewis	22	0.8%
Trigg	21	0.7%

County	Cases	Percent
Adair	20	0.7%
Graves	20	0.7%
Union	20	0.7%
Whitley	20	0.7%
Anderson	19	0.7%
Carter	19	0.7%
Shelby	19	0.7%
Taylor	19	0.7%
Marshall	18	0.6%
Ohio	17	0.6%
Allen	16	0.6%
Caldwell	16	0.6%
Harlan	16	0.6%
Floyd	15	0.5%
Hopkins	15	0.5%
Monroe	15	0.5%
Grant	14	0.5%
Jackson	14	0.5%
Mason	14	0.5%
Meade	14	0.5%
Pendleton	14	0.5%
Clay	13	0.5%
Logan	13	0.5%
Muhlenberg	13	0.5%
Powell	13	0.5%
Wayne	13	0.5%
Webster	13	0.5%
Rowan	12	0.4%
Barren	11	0.4%
Boyle	11	0.4%

County	Cases	Percent
Garrard	11	0.4%
Greenup	11	0.4%
Hancock	11	0.4%
Lincoln	11	0.4%
Montgomery	11	0.4%
Christian	10	0.3%
Grayson	10	0.3%
Henry	10	0.3%
Knott	10	0.3%
Leslie	10	0.3%
Letcher	10	0.3%
Washington	10	0.3%
Bell	9	0.3%
Carroll	9	0.3%
Clinton	9	0.3%
Fleming	9	0.3%
Harrison	9	0.3%
Mercer	9	0.3%
Hart	8	0.3%
Livingston	8	0.3%
Rockcastle	8	0.3%
Todd	8	0.3%
Cumberland	7	0.2%
Gallatin	7	0.2%
Marion	7	0.2%
Owen	7	0.2%
Wolfe	7	0.2%
Bracken	6	0.2%
Butler	6	0.2%
Edmonson	6	0.2%

County	Cases	Percent
Johnson	6	0.2%
Lawrence	6	0.2%
Simpson	6	0.2%
Trimble	6	0.2%
Calloway	5	0.2%
Crittenden	5	0.2%
Green	5	0.2%
Lee	5	0.2%
Martin	5	0.2%
Russell	5	0.2%
Larue	4	0.1%
Magoffin	4	0.1%
Morgan	4	0.1%
Breathitt	3	0.1%
McLean	3	0.1%
Menifee	3	0.1%
Nicholas	3	0.1%
Owsley	3	0.1%
Casey	2	0.1%
Estill	2	0.1%
Lyon	2	0.1%
Metcalfe	2	0.1%
Bath	1	0.0%
Carlisle	1	0.0%
Elliott	1	0.0%
Hickman	1	0.0%
Ballard	0	0.0%
Fulton	0	0.0%
Robertson	0	0.0%
Spencer	0	0.0%

Total New Cases
2,878

Total Deaths by County

County	Deaths	Percent
Jefferson	1,805	15.1%
Fayette	471	3.9%
Hardin	338	2.8%
Kenton	313	2.6%
Daviess	307	2.6%
Warren	299	2.5%
Boone	228	1.9%
Pike	222	1.9%
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	1.5%
Bullitt	158	1.3%
Harlan	152	1.3%
Floyd	145	1.2%
Whitley	140	1.2%
Graves	137	1.1%
Henderson	131	1.1%
Perry	130	1.1%
Boyd	126	1.1%
Shelby	126	1.1%
Campbell	121	1.0%
Bell	118	1.0%
Boyle	115	1.0%
Oldham	112	0.9%
Franklin	111	0.9%
Jessamine	110	0.9%

County	Deaths	Percent
Nelson	110	0.9%
Greenup	108	0.9%
Knox	106	0.9%
Lincoln	105	0.9%
Grayson	101	0.8%
Muhlenberg	99	0.8%
Taylor	99	0.8%
Logan	97	0.8%
Mercer	93	0.8%
Ohio	89	0.7%
Adair	86	0.7%
Letcher	86	0.7%
Marshall	85	0.7%
Mason	81	0.7%
Allen	79	0.7%
Hart	78	0.7%
Johnson	75	0.6%
Carter	74	0.6%
Montgomery	73	0.6%
Scott	73	0.6%
Simpson	71	0.6%
Wayne	71	0.6%
Calloway	68	0.6%
Clay	67	0.6%
Monroe	67	0.6%
Lewis	66	0.6%
McCreary	66	0.6%
Russell	62	0.5%
Casey	61	0.5%
Marion	61	0.5%

County	Deaths	Percent
Garrard	59	0.5%
Jackson	58	0.5%
Anderson	56	0.5%
Harrison	56	0.5%
Larue	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	46	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	0.4%
McLean	42	0.4%
Clinton	41	0.3%
Fleming	41	0.3%
Grant	41	0.3%
Lee	40	0.3%
Martin	39	0.3%
Crittenden	37	0.3%

County	Deaths	Percent
Estill	37	0.3%
Todd	37	0.3%
Henry	36	0.3%
Leslie	36	0.3%
Green	35	0.3%
Woodford	35	0.3%
Bath	34	0.3%
Carroll	34	0.3%
Edmonson	34	0.3%
Magoffin	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	19	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
11,957

Incidence Rates by County

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

County	Rate
Wolfe	123.8
Lewis	103.3
Union	95.4
Carroll	88.7
Monroe	88.5
Henry	78.0
Powell	75.1
Boyd	74.3
Trimble	74.2
Hancock	73.7
Carter	72.0
Clark	69.7
Pendleton	69.5
Trigg	64.4
Daviess	63.3
Lee	61.8
Perry	61.6
Ohio	61.3
Madison	61.0
Estill	60.8
Fleming	60.7
Breckinridge	60.0
Mason	59.4
Garrard	57.4
Elliott	57.0
Boone	56.4
Menifee	55.0
Rowan	54.9
Jackson	54.7
Robertson	54.2

County	Rate
Nelson	53.8
Bracken	53.3
Livingston	52.8
Bourbon	52.7
Campbell	52.4
Knox	52.3
Washington	52.0
Simpson	51.5
Marshall	51.4
McCracken	51.3
Greenup	51.3
Allen	50.3
Jefferson	49.7
Kenton	49.7
Fayette	49.3
Russell	48.6
Laurel	48.4
Woodford	48.1
Barren	47.1
Jessamine	47.0
Hart	46.5
Henderson	46.4
Logan	45.9
Floyd	45.4
Letcher	45.1
Oldham	44.7
Whitley	44.5
Scott	44.1
Muhlenberg	43.9
Caldwell	43.7

County	Rate
Gallatin	43.5
Warren	43.4
Franklin	43.1
Harlan	42.8
Metcalfe	42.6
Marion	42.3
Graves	42.2
Martin	42.1
Owen	41.9
Hardin	41.3
Lawrence	41.0
Harrison	40.8
Leslie	40.5
Rockcastle	40.2
Grayson	39.5
Bullitt	39.2
Butler	38.8
Hopkins	38.7
Spencer	38.4
Anderson	38.3
Knott	37.6
Breathitt	37.3
Crittenden	37.3
Boyle	37.1
Grant	37.0
Webster	36.4
Shelby	36.4
Pike	36.3
Meade	36.0
McLean	35.7

County	Rate
Bell	34.6
Clay	33.0
Mercer	32.6
Bath	32.0
Adair	32.0
Todd	31.4
Magoffin	30.5
Carlisle	30.0
Johnson	29.6
McCreary	29.0
Morgan	29.0
Fulton	28.7
Edmonson	28.2
Taylor	26.6
Cumberland	25.9
Lincoln	25.6
Christian	25.1
Lyon	24.4
Wayne	23.2
Montgomery	22.3
Green	22.2
Ballard	21.7
Larue	19.8
Nicholas	19.7
Calloway	19.0
Casey	15.9
Pulaski	13.2
Hickman	13.0
Owsley	12.9
Clinton	12.6

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.