

KY COVID-19 Report 04DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	797,157	562,586	234,571
Deaths	11,158	9,817	1,341
New Cases	2,350	1,452	898
New Cases 18 and Under	585	318	267
Total New Deaths	67	56	11

Duplicates and records not meeting case criteria removed since last report: 9

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
56,632	7.1%	0-9	0.0%	2
109,833	13.8%	10-19	0.1%	7
135,476	17.0%	20-29	0.4%	42
123,650	15.5%	30-39	1.3%	141
115,064	14.4%	40-49	3.8%	424
105,519	13.2%	50-59	9.5%	1,064
78,908	9.9%	60-69	19.9%	2,217
45,873	5.8%	70-79	26.9%	3,001
25,959	3.3%	80+	38.2%	4,260
243	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,262	0.3%	American Indian	0.1%	12
5,870	0.9%	Asian	0.5%	50
51,596	7.7%	Black	7.2%	766
381	0.1%	Pacific Islander	0.1%	7
578,703	85.9%	White	89.4%	9,524
34,492	5.1%	Multiracial	2.8%	300

Cases	Case Percent	Ethnicity	Death Percent	Deaths
28,913	4.5%	Hispanic	1.5%	159
610,280	95.5%	Non-Hispanic	98.5%	10,230

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.5% of cases and 95.5% of deaths
Ethnicity known for 80.2% of cases and 93.1% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,120	100,107	9.11%

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
10,674,589	7,838,508	402,238	2,163,947	968,600	661,198	53,979	253,423

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	33,378	4.19%
Ever ICU	6,453	0.81%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,020
ICU	300
On Ventilator	159

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,481	3,670	72.1%
ICU Beds	1,268	171	88.1%
Ventilators	624	1,272	32.9%

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	39	11	4	4.9%	13.9%	4.4%	63.45%	91.14%	21.11%
Region 2	71	18	10	9.1%	24.3%	11.6%	68.43%	93.24%	30.23%
Region 3	325	92	47	8.7%	24.1%	10.4%	74.43%	93.70%	36.28%
Region 4	62	21	10	7.3%	23.1%	7.6%	64.24%	97.80%	19.85%
Region 5	189	61	31	6.7%	16.7%	5.6%	79.07%	90.68%	38.42%
Region 6	101	16	11	8.3%	18.2%	8.5%	86.26%	98.86%	44.96%
Region 7	65	21	15	10.0%	25.3%	12.2%	73.77%	66.27%	23.58%
Region 8	88	31	20	7.3%	22.5%	13.0%	58.99%	63.04%	32.47%
Region 9	58	19	9	9.0%	21.1%	9.1%	62.46%	84.44%	22.22%
Region 10	22	10	2	4.6%	20.0%	2.7%	54.91%	90.00%	21.33%

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	127,598	16.0%
Fayette	54,286	6.8%
Warren	27,342	3.4%
Kenton	26,009	3.3%
Boone	22,317	2.8%
Hardin	19,432	2.4%
Daviess	18,599	2.3%
Madison	17,165	2.2%
Campbell	13,526	1.7%
Laurel	13,351	1.7%
Bullitt	12,968	1.6%
Pulaski	11,434	1.4%
Pike	11,396	1.4%
Oldham	10,861	1.4%
McCracken	10,815	1.4%
Christian	10,724	1.3%
Whitley	9,333	1.2%
Scott	9,217	1.2%
Boyd	9,155	1.1%
Hopkins	9,056	1.1%
Nelson	8,938	1.1%
Jessamine	8,783	1.1%
Barren	8,678	1.1%
Henderson	8,402	1.1%
Franklin	7,705	1.0%
Shelby	7,649	1.0%
Floyd	7,637	1.0%
Graves	7,556	0.9%
Knox	7,518	0.9%
Greenup	7,048	0.9%

County	Cases	Percent
Perry	6,463	0.8%
Taylor	6,019	0.8%
Muhlenberg	6,006	0.8%
Bell	6,002	0.8%
Harlan	5,938	0.7%
Clark	5,685	0.7%
Boyle	5,668	0.7%
Calloway	5,372	0.7%
Logan	5,302	0.7%
Marshall	5,241	0.7%
Clay	5,216	0.7%
Grayson	5,096	0.6%
Carter	4,966	0.6%
Montgomery	4,783	0.6%
Mercer	4,729	0.6%
Ohio	4,674	0.6%
Grant	4,661	0.6%
Lincoln	4,520	0.6%
Letcher	4,215	0.5%
Marion	4,198	0.5%
Rowan	4,177	0.5%
Russell	4,079	0.5%
Allen	4,035	0.5%
Johnson	3,959	0.5%
Anderson	3,857	0.5%
Woodford	3,801	0.5%
Hart	3,779	0.5%
McCreary	3,752	0.5%
Adair	3,719	0.5%
Harrison	3,708	0.5%

County	Cases	Percent
Meade	3,626	0.5%
Bourbon	3,564	0.4%
Simpson	3,493	0.4%
Wayne	3,443	0.4%
Rockcastle	3,379	0.4%
Spencer	3,179	0.4%
Breckinridge	3,170	0.4%
Morgan	3,045	0.4%
Garrard	2,984	0.4%
Lawrence	2,936	0.4%
Powell	2,903	0.4%
Jackson	2,887	0.4%
Casey	2,851	0.4%
Henry	2,847	0.4%
Lewis	2,790	0.3%
Mason	2,777	0.3%
Union	2,629	0.3%
Webster	2,569	0.3%
Caldwell	2,552	0.3%
Knott	2,540	0.3%
Green	2,532	0.3%
Washington	2,528	0.3%
Butler	2,526	0.3%
Larue	2,510	0.3%
Magoffin	2,492	0.3%
Monroe	2,479	0.3%
Estill	2,464	0.3%
Fleming	2,360	0.3%
Trigg	2,338	0.3%
Clinton	2,322	0.3%

County	Cases	Percent
Leslie	2,306	0.3%
Pendleton	2,197	0.3%
Breathitt	2,138	0.3%
Carroll	2,138	0.3%
Martin	2,068	0.3%
Metcalfe	2,050	0.3%
Lyon	2,032	0.3%
Todd	1,920	0.2%
Bath	1,832	0.2%
Lee	1,812	0.2%
Edmonson	1,642	0.2%
McLean	1,618	0.2%
Hancock	1,520	0.2%
Owen	1,511	0.2%
Livingston	1,503	0.2%
Cumberland	1,410	0.2%
Elliott	1,408	0.2%
Gallatin	1,368	0.2%
Trimble	1,368	0.2%
Crittenden	1,358	0.2%
Bracken	1,314	0.2%
Wolfe	1,288	0.2%
Nicholas	1,276	0.2%
Owsley	1,039	0.1%
Menifee	919	0.1%
Fulton	844	0.1%
Ballard	758	0.1%
Carlisle	692	0.1%
Hickman	589	0.1%
Robertson	397	0.0%

Total Cases
797,157

New Cases by County

County	Cases	Percent
Jefferson	296	12.6%
Fayette	144	6.1%
Kenton	81	3.4%
Warren	81	3.4%
Hardin	76	3.2%
Boone	74	3.1%
Daviess	62	2.6%
Greenup	48	2.0%
McCracken	48	2.0%
Madison	47	2.0%
Campbell	44	1.9%
Barren	42	1.8%
Bullitt	37	1.6%
Oldham	36	1.5%
McCreary	35	1.5%
Pulaski	35	1.5%
Harlan	33	1.4%
Nelson	33	1.4%
Scott	29	1.2%
Boyd	28	1.2%
Clark	27	1.1%
Jessamine	26	1.1%
Henderson	24	1.0%
Letcher	24	1.0%
Taylor	24	1.0%
Franklin	23	1.0%
Laurel	23	1.0%
Anderson	22	0.9%
Carter	22	0.9%
Pike	21	0.9%

County	Cases	Percent
Shelby	21	0.9%
Whitley	20	0.9%
Allen	19	0.8%
Hopkins	19	0.8%
Muhlenberg	19	0.8%
Ohio	19	0.8%
Wayne	19	0.8%
Adair	18	0.8%
Lawrence	18	0.8%
Lewis	18	0.8%
Powell	17	0.7%
Floyd	16	0.7%
Harrison	16	0.7%
Knox	16	0.7%
Union	16	0.7%
Bath	15	0.6%
Bell	15	0.6%
Cumberland	15	0.6%
Grayson	15	0.6%
Simpson	15	0.6%
Woodford	15	0.6%
Hart	14	0.6%
Perry	14	0.6%
Bourbon	13	0.6%
Garrard	13	0.6%
Grant	12	0.5%
Magoffin	12	0.5%
Meade	12	0.5%
Russell	12	0.5%
Butler	11	0.5%

County	Cases	Percent
Marion	11	0.5%
Boyle	10	0.4%
Casey	10	0.4%
Henry	10	0.4%
Logan	10	0.4%
Rowan	10	0.4%
Trigg	10	0.4%
Bracken	9	0.4%
Caldwell	9	0.4%
Spencer	9	0.4%
Webster	9	0.4%
Breckinridge	8	0.3%
Carroll	8	0.3%
Graves	8	0.3%
Mercer	8	0.3%
Metcalfe	8	0.3%
Christian	7	0.3%
Fleming	7	0.3%
Green	7	0.3%
Lyon	7	0.3%
Monroe	7	0.3%
Owen	7	0.3%
Washington	7	0.3%
Clay	6	0.3%
Jackson	6	0.3%
Martin	6	0.3%
Montgomery	6	0.3%
Todd	6	0.3%
Clinton	5	0.2%
Edmonson	5	0.2%

County	Cases	Percent
Elliott	5	0.2%
Gallatin	5	0.2%
Larue	5	0.2%
Lincoln	5	0.2%
McLean	5	0.2%
Morgan	5	0.2%
Rockcastle	5	0.2%
Ballard	4	0.2%
Breathitt	4	0.2%
Crittenden	4	0.2%
Johnson	4	0.2%
Livingston	4	0.2%
Mason	4	0.2%
Wolfe	4	0.2%
Calloway	3	0.1%
Hancock	3	0.1%
Leslie	3	0.1%
Marshall	3	0.1%
Trimble	3	0.1%
Carlisle	2	0.1%
Estill	2	0.1%
Fulton	2	0.1%
Lee	2	0.1%
Menifee	2	0.1%
Owsley	2	0.1%
Pendleton	2	0.1%
Hickman	1	0.0%
Knott	1	0.0%
Nicholas	1	0.0%
Robertson	0	0.0%

Total New Cases
2,350

Total Deaths by County

County	Deaths	Percent
Jefferson	1,714	15.4%
Fayette	450	4.0%
Hardin	321	2.9%
Kenton	287	2.6%
Warren	285	2.6%
Daviess	284	2.5%
Boone	215	1.9%
Hopkins	215	1.9%
Pike	209	1.9%
Madison	199	1.8%
Pulaski	196	1.8%
McCracken	194	1.7%
Barren	162	1.5%
Laurel	160	1.4%
Christian	152	1.4%
Bullitt	147	1.3%
Harlan	144	1.3%
Floyd	135	1.2%
Graves	132	1.2%
Henderson	123	1.1%
Perry	122	1.1%
Whitley	120	1.1%
Boyd	119	1.1%
Shelby	116	1.0%
Campbell	112	1.0%
Bell	109	1.0%
Jessamine	106	0.9%
Lincoln	105	0.9%
Oldham	104	0.9%
Franklin	102	0.9%

County	Deaths	Percent
Nelson	102	0.9%
Grayson	100	0.9%
Boyle	98	0.9%
Muhlenberg	97	0.9%
Greenup	96	0.9%
Taylor	93	0.8%
Logan	92	0.8%
Ohio	88	0.8%
Knox	86	0.8%
Mercer	85	0.8%
Adair	83	0.7%
Marshall	82	0.7%
Letcher	79	0.7%
Allen	75	0.7%
Mason	74	0.7%
Hart	72	0.6%
Carter	70	0.6%
Johnson	69	0.6%
Wayne	69	0.6%
Montgomery	65	0.6%
Calloway	64	0.6%
Clay	64	0.6%
Monroe	64	0.6%
Simpson	63	0.6%
Scott	62	0.6%
Lewis	60	0.5%
McCreary	60	0.5%
Russell	59	0.5%
Casey	58	0.5%
Garrard	54	0.5%

County	Deaths	Percent
Jackson	53	0.5%
Larue	53	0.5%
Marion	53	0.5%
Anderson	52	0.5%
Caldwell	52	0.5%
Harrison	52	0.5%
Metcalfe	48	0.4%
Washington	48	0.4%
Clark	47	0.4%
Meade	47	0.4%
Livingston	45	0.4%
Lawrence	44	0.4%
Breckinridge	43	0.4%
Gallatin	43	0.4%
Knott	43	0.4%
Union	42	0.4%
Webster	42	0.4%
Breathitt	41	0.4%
Butler	41	0.4%
Fleming	41	0.4%
Grant	41	0.4%
McLean	41	0.4%
Spencer	40	0.4%
Rockcastle	39	0.3%
Bourbon	38	0.3%
Rowan	38	0.3%
Crittenden	37	0.3%
Lee	37	0.3%
Martin	37	0.3%
Todd	36	0.3%

County	Deaths	Percent
Clinton	35	0.3%
Green	34	0.3%
Henry	34	0.3%
Bath	33	0.3%
Edmonson	33	0.3%
Leslie	32	0.3%
Carroll	31	0.3%
Woodford	31	0.3%
Estill	28	0.3%
Owen	28	0.3%
Magoffin	27	0.2%
Lyon	26	0.2%
Pendleton	26	0.2%
Trigg	25	0.2%
Ballard	24	0.2%
Nicholas	24	0.2%
Powell	24	0.2%
Menifee	23	0.2%
Trimble	23	0.2%
Hickman	22	0.2%
Fulton	21	0.2%
Owsley	21	0.2%
Cumberland	18	0.2%
Hancock	18	0.2%
Bracken	17	0.2%
Robertson	16	0.1%
Wolfe	13	0.1%
Carlisle	12	0.1%
Morgan	12	0.1%
Elliott	11	0.1%

Total Deaths
11,158

Incidence Rates by County

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

County	Rate
Cumberland	136.1
Powell	134.1
Robertson	101.7
Carroll	100.8
Lawrence	97.9
Harlan	92.8
Greenup	91.6
Hancock	90.1
McLean	86.9
Magoffin	83.4
Lewis	81.8
Harrison	80.2
Monroe	77.8
Bracken	75.7
Metcalfe	75.2
Union	74.5
Woodford	73.2
Carter	72.5
Simpson	71.5
Fleming	71.5
Spencer	70.1
Jackson	69.7
Rowan	68.9
Barren	67.8
Allen	67.0
Bath	66.3
Estill	64.8
Daviess	64.5
Trimble	64.1
Ohio	63.1

County	Rate
Madison	61.5
Grant	61.0
Letcher	60.3
Owen	60.3
Boyd	59.6
Gallatin	59.6
Whitley	59.5
Muhlenberg	58.8
Anderson	58.4
Warren	57.8
Floyd	57.4
Hardin	57.0
Nelson	56.5
Marion	56.3
Jessamine	56.0
Hart	55.5
Knox	55.5
Clinton	54.5
Breckinridge	54.4
Butler	54.4
Pike	54.3
Wolfe	53.9
Bourbon	53.4
Menifee	52.8
Washington	52.0
Boone	51.1
Bullitt	51.1
Oldham	49.0
Mason	48.5
Kenton	48.5

County	Rate
Laurel	48.4
Webster	47.5
Pendleton	47.0
Rockcastle	45.4
Henry	44.3
Campbell	44.1
Russell	43.8
Lyon	43.5
McCracken	43.5
Grayson	43.2
Henderson	43.0
Hopkins	40.3
Edmonson	40.0
Graves	39.5
Mercer	39.1
Carlisle	39.0
Jefferson	37.9
Larue	37.7
Franklin	37.5
Adair	36.5
Shelby	36.4
Garrard	36.4
Logan	34.8
Leslie	34.7
Scott	34.6
Bell	34.0
Fulton	33.5
Martin	33.2
Fayette	33.2
Perry	32.7

County	Rate
Casey	31.8
Breathitt	31.7
Caldwell	31.4
Todd	31.4
Meade	29.5
Crittenden	29.2
Lee	28.9
Taylor	28.3
Marshall	27.6
McCreary	27.4
Trigg	27.3
Clay	27.3
Morgan	26.8
Clark	26.4
Nicholas	25.5
Montgomery	25.4
Johnson	24.5
Ballard	23.5
Boyle	23.3
Elliott	22.8
Owsley	22.7
Knott	22.2
Christian	21.9
Livingston	21.8
Lincoln	20.4
Hickman	19.6
Calloway	17.6
Pulaski	17.1
Green	15.7
Wayne	13.3

Current Overall Incidence Rate
46.20 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.