

KY COVID-19 Report 10DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	810,910	571,177	239,733
Deaths	11,542	10,151	1,391
New Cases	2,773	1,756	1,017
New Cases 18 and Under	664	363	301
Total New Deaths	63	57	6

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
58,103	7.2%	0-9	0.0%	2
111,907	13.8%	10-19	0.1%	8
137,610	17.0%	20-29	0.4%	43
125,889	15.5%	30-39	1.3%	149
116,925	14.4%	40-49	3.9%	446
107,259	13.2%	50-59	9.6%	1,104
80,173	9.9%	60-69	20.1%	2,316
46,542	5.7%	70-79	26.9%	3,100
26,257	3.2%	80+	37.9%	4,374
245	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,312	0.3%	American Indian	0.1%	13
5,936	0.9%	Asian	0.5%	52
52,218	7.6%	Black	7.1%	786
381	0.1%	Pacific Islander	0.1%	7
587,508	86.0%	White	89.5%	9,870
34,930	5.1%	Multiracial	2.8%	305

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,265	4.5%	Hispanic	1.5%	163
620,277	95.5%	Non-Hispanic	98.5%	10,596

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 80.1% of cases and 93.2% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,353	104,230	8.97%

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
10,841,967	7,934,641	403,205	2,230,969	984,436	671,114	54,230	259,092

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	33,800	4.17%
Ever ICU	6,508	0.80%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,192
ICU	319
On Ventilator	191

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,583	3,485	73.3%
ICU Beds	1,331	169	88.7%
Ventilators	678	1,212	35.9%

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	55	13	5	6.9%	16.5%	5.2%	63.20%	92.41%	25.00%
Region 2	83	21	14	10.6%	26.9%	16.3%	68.85%	94.87%	33.72%
Region 3	383	93	57	10.2%	23.1%	12.7%	76.02%	91.07%	41.29%
Region 4	62	21	15	9.1%	21.6%	13.2%	71.99%	78.35%	21.05%
Region 5	225	62	36	8.1%	17.2%	6.4%	80.14%	92.52%	42.40%
Region 6	108	21	12	8.9%	24.1%	9.4%	87.00%	100.00%	37.80%
Region 7	79	26	16	12.2%	31.7%	12.4%	67.75%	53.66%	26.36%
Region 8	93	31	18	7.4%	17.6%	11.6%	59.22%	89.77%	32.26%
Region 9	80	21	14	11.7%	23.1%	13.9%	64.22%	82.42%	26.73%
Region 10	24	10	4	5.1%	21.7%	5.3%	61.68%	93.48%	26.67%

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	129,413	16.0%
Fayette	55,040	6.8%
Warren	27,750	3.4%
Kenton	26,526	3.3%
Boone	22,753	2.8%
Hardin	19,842	2.4%
Daviess	18,974	2.3%
Madison	17,586	2.2%
Campbell	13,799	1.7%
Laurel	13,515	1.7%
Bullitt	13,199	1.6%
Pulaski	11,630	1.4%
Pike	11,593	1.4%
McCracken	11,073	1.4%
Oldham	11,052	1.4%
Christian	10,912	1.3%
Whitley	9,455	1.2%
Scott	9,386	1.2%
Boyd	9,350	1.2%
Hopkins	9,161	1.1%
Nelson	9,111	1.1%
Jessamine	8,919	1.1%
Barren	8,841	1.1%
Henderson	8,580	1.1%
Franklin	7,877	1.0%
Shelby	7,765	1.0%
Floyd	7,748	1.0%
Knox	7,697	0.9%
Graves	7,669	0.9%
Greenup	7,156	0.9%

County	Cases	Percent
Perry	6,566	0.8%
Taylor	6,115	0.8%
Muhlenberg	6,108	0.8%
Bell	6,060	0.7%
Harlan	6,048	0.7%
Clark	5,803	0.7%
Boyle	5,713	0.7%
Calloway	5,439	0.7%
Logan	5,377	0.7%
Marshall	5,304	0.7%
Clay	5,246	0.6%
Grayson	5,170	0.6%
Carter	5,042	0.6%
Montgomery	4,833	0.6%
Mercer	4,786	0.6%
Grant	4,783	0.6%
Ohio	4,756	0.6%
Lincoln	4,573	0.6%
Letcher	4,282	0.5%
Marion	4,274	0.5%
Rowan	4,243	0.5%
Russell	4,162	0.5%
Allen	4,111	0.5%
Johnson	4,020	0.5%
Anderson	3,928	0.5%
Woodford	3,895	0.5%
McCreary	3,868	0.5%
Hart	3,845	0.5%
Harrison	3,792	0.5%
Adair	3,785	0.5%

County	Cases	Percent
Meade	3,691	0.5%
Bourbon	3,630	0.4%
Simpson	3,562	0.4%
Wayne	3,503	0.4%
Rockcastle	3,423	0.4%
Breckinridge	3,244	0.4%
Spencer	3,241	0.4%
Morgan	3,086	0.4%
Garrard	3,025	0.4%
Lawrence	3,010	0.4%
Powell	2,967	0.4%
Jackson	2,936	0.4%
Henry	2,929	0.4%
Casey	2,899	0.4%
Lewis	2,869	0.4%
Mason	2,832	0.3%
Union	2,722	0.3%
Caldwell	2,604	0.3%
Webster	2,594	0.3%
Washington	2,576	0.3%
Green	2,563	0.3%
Knott	2,563	0.3%
Butler	2,561	0.3%
Magoffin	2,541	0.3%
Larue	2,536	0.3%
Monroe	2,513	0.3%
Estill	2,503	0.3%
Fleming	2,408	0.3%
Trigg	2,384	0.3%
Clinton	2,381	0.3%

County	Cases	Percent
Leslie	2,343	0.3%
Pendleton	2,229	0.3%
Carroll	2,196	0.3%
Breathitt	2,157	0.3%
Martin	2,104	0.3%
Metcalfe	2,097	0.3%
Lyon	2,061	0.3%
Todd	1,936	0.2%
Bath	1,894	0.2%
Lee	1,825	0.2%
McLean	1,680	0.2%
Edmonson	1,677	0.2%
Owen	1,581	0.2%
Hancock	1,554	0.2%
Livingston	1,552	0.2%
Cumberland	1,451	0.2%
Elliott	1,426	0.2%
Gallatin	1,401	0.2%
Trimble	1,401	0.2%
Crittenden	1,387	0.2%
Bracken	1,356	0.2%
Wolfe	1,324	0.2%
Nicholas	1,294	0.2%
Owsley	1,045	0.1%
Menifee	992	0.1%
Fulton	854	0.1%
Ballard	782	0.1%
Carlisle	705	0.1%
Hickman	594	0.1%
Robertson	408	0.1%

Total Cases
810,910

New Cases by County

County	Cases	Percent
Jefferson	360	13.0%
Fayette	123	4.4%
Kenton	123	4.4%
Boone	114	4.1%
Daviess	91	3.3%
Madison	88	3.2%
Hardin	79	2.8%
Campbell	72	2.6%
Warren	67	2.4%
Henderson	64	2.3%
Bullitt	58	2.1%
Boyd	51	1.8%
Christian	49	1.8%
Pulaski	48	1.7%
Scott	44	1.6%
McCracken	43	1.6%
Franklin	39	1.4%
Oldham	34	1.2%
Laurel	32	1.2%
Union	32	1.2%
Menifee	30	1.1%
Knox	29	1.0%
Jessamine	28	1.0%
Taylor	27	1.0%
Wayne	26	0.9%
Pike	25	0.9%
Bourbon	24	0.9%
Greenup	24	0.9%
Floyd	23	0.8%
McCreary	23	0.8%

County	Cases	Percent
Nelson	23	0.8%
Perry	23	0.8%
Whitley	23	0.8%
Barren	21	0.8%
Anderson	19	0.7%
Clark	18	0.6%
Grant	18	0.6%
Graves	18	0.6%
Carter	17	0.6%
Harlan	17	0.6%
Lawrence	17	0.6%
Marshall	17	0.6%
Shelby	17	0.6%
Adair	16	0.6%
Henry	16	0.6%
Hopkins	16	0.6%
Lewis	16	0.6%
Allen	15	0.5%
Meade	15	0.5%
Ohio	15	0.5%
Johnson	14	0.5%
Letcher	14	0.5%
McLean	14	0.5%
Marion	14	0.5%
Montgomery	14	0.5%
Rowan	14	0.5%
Bell	13	0.5%
Gallatin	13	0.5%
Lincoln	13	0.5%
Mason	13	0.5%

County	Cases	Percent
Morgan	13	0.5%
Simpson	13	0.5%
Hart	12	0.4%
Jackson	12	0.4%
Mercer	12	0.4%
Muhlenberg	12	0.4%
Owen	12	0.4%
Trimble	12	0.4%
Washington	12	0.4%
Breckinridge	11	0.4%
Caldwell	11	0.4%
Carroll	11	0.4%
Harrison	11	0.4%
Leslie	11	0.4%
Breathitt	10	0.4%
Cumberland	10	0.4%
Magoffin	10	0.4%
Woodford	10	0.4%
Butler	9	0.3%
Fleming	9	0.3%
Logan	9	0.3%
Powell	9	0.3%
Bath	8	0.3%
Bracken	8	0.3%
Green	8	0.3%
Wolfe	8	0.3%
Casey	7	0.3%
Grayson	7	0.3%
Hancock	7	0.3%
Lyon	7	0.3%

County	Cases	Percent
Spencer	7	0.3%
Boyle	6	0.2%
Calloway	6	0.2%
Crittenden	6	0.2%
Edmonson	6	0.2%
Estill	6	0.2%
Garrard	6	0.2%
Larue	6	0.2%
Martin	6	0.2%
Monroe	6	0.2%
Russell	6	0.2%
Clinton	4	0.1%
Pendleton	4	0.1%
Carlisle	3	0.1%
Clay	3	0.1%
Livingston	3	0.1%
Nicholas	3	0.1%
Rockcastle	3	0.1%
Todd	3	0.1%
Ballard	2	0.1%
Elliott	2	0.1%
Fulton	2	0.1%
Knott	2	0.1%
Metcalfe	2	0.1%
Trigg	2	0.1%
Webster	2	0.1%
Hickman	1	0.0%
Lee	1	0.0%
Owsley	0	0.0%
Robertson	0	0.0%

Total New Cases
2,773

Total Deaths by County

County	Deaths	Percent
Jefferson	1,749	15.2%
Fayette	458	4.0%
Hardin	325	2.8%
Kenton	301	2.6%
Warren	292	2.5%
Daviess	291	2.5%
Boone	218	1.9%
Hopkins	218	1.9%
Pike	213	1.8%
Pulaski	209	1.8%
Madison	206	1.8%
McCracken	198	1.7%
Barren	170	1.5%
Laurel	168	1.5%
Christian	164	1.4%
Bullitt	152	1.3%
Harlan	147	1.3%
Floyd	140	1.2%
Graves	135	1.2%
Whitley	135	1.2%
Henderson	128	1.1%
Perry	125	1.1%
Boyd	123	1.1%
Shelby	118	1.0%
Campbell	116	1.0%
Bell	115	1.0%
Boyle	108	0.9%
Jessamine	108	0.9%
Nelson	107	0.9%
Oldham	107	0.9%

County	Deaths	Percent
Franklin	106	0.9%
Lincoln	105	0.9%
Greenup	102	0.9%
Grayson	100	0.9%
Knox	97	0.8%
Muhlenberg	97	0.8%
Taylor	96	0.8%
Logan	93	0.8%
Mercer	90	0.8%
Ohio	89	0.8%
Adair	85	0.7%
Marshall	85	0.7%
Letcher	80	0.7%
Mason	78	0.7%
Allen	77	0.7%
Hart	77	0.7%
Johnson	74	0.6%
Carter	73	0.6%
Wayne	71	0.6%
Montgomery	69	0.6%
Simpson	69	0.6%
Calloway	66	0.6%
Monroe	66	0.6%
Scott	66	0.6%
Clay	65	0.6%
McCreary	65	0.6%
Lewis	64	0.6%
Casey	61	0.5%
Russell	61	0.5%
Marion	57	0.5%

County	Deaths	Percent
Garrard	55	0.5%
Jackson	55	0.5%
Anderson	54	0.5%
Larue	53	0.5%
Caldwell	52	0.5%
Harrison	52	0.5%
Washington	49	0.4%
Clark	48	0.4%
Metcalfe	48	0.4%
Livingston	47	0.4%
Meade	47	0.4%
Breckinridge	46	0.4%
Gallatin	44	0.4%
Lawrence	44	0.4%
Rowan	44	0.4%
Butler	43	0.4%
Knott	43	0.4%
Rockcastle	43	0.4%
Union	43	0.4%
Breathitt	42	0.4%
Webster	42	0.4%
Bourbon	41	0.4%
Grant	41	0.4%
McLean	41	0.4%
Fleming	40	0.3%
Spencer	40	0.3%
Lee	39	0.3%
Clinton	38	0.3%
Crittenden	37	0.3%
Martin	37	0.3%

County	Deaths	Percent
Todd	36	0.3%
Estill	35	0.3%
Green	35	0.3%
Henry	35	0.3%
Edmonson	34	0.3%
Bath	33	0.3%
Leslie	33	0.3%
Woodford	33	0.3%
Carroll	32	0.3%
Magoffin	31	0.3%
Trigg	29	0.3%
Lyon	28	0.2%
Owen	28	0.2%
Nicholas	27	0.2%
Pendleton	26	0.2%
Ballard	25	0.2%
Menifee	25	0.2%
Powell	25	0.2%
Trimble	25	0.2%
Hickman	22	0.2%
Owsley	22	0.2%
Fulton	21	0.2%
Bracken	19	0.2%
Cumberland	19	0.2%
Hancock	18	0.2%
Morgan	16	0.1%
Robertson	16	0.1%
Elliott	13	0.1%
Wolfe	13	0.1%
Carlisle	12	0.1%

Total Deaths
11,542

Incidence Rates by County

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

County	Rate
Menifee	151.9
McLean	102.4
Union	100.3
Owen	99.6
Lewis	99.0
Powell	91.3
Carroll	90.0
Knox	81.6
Lawrence	81.1
Henry	80.6
Wolfe	77.8
Bath	73.1
Harlan	73.0
Metcalfe	72.3
Cumberland	71.3
Harrison	71.1
Madison	70.7
Livingston	68.4
Robertson	67.8
Magoffin	64.6
Marion	64.5
Barren	63.9
Henderson	61.6
Simpson	61.5
Nelson	61.5
Washington	61.4
Hardin	61.3
Boyd	60.2
Daviess	59.7
Ohio	59.5

County	Rate
Trimble	59.0
Allen	59.0
Bourbon	58.5
Gallatin	58.0
Woodford	57.7
Monroe	57.7
Hart	56.3
Jackson	55.7
Hancock	55.7
Caldwell	54.9
Russell	54.2
Anderson	54.0
Breckinridge	53.7
Whitley	53.6
Grant	53.6
Leslie	53.5
Muhlenberg	52.7
Fleming	51.9
Warren	51.9
Greenup	50.9
Lyon	50.5
Crittenden	50.3
Spencer	49.5
McCracken	49.1
Pike	48.9
Floyd	48.6
Martin	48.5
Franklin	47.9
Trigg	47.8
Perry	47.1

County	Rate
Letcher	47.1
Oldham	47.0
Bracken	46.5
Boone	46.0
Edmonson	45.9
Butler	45.5
Carter	45.3
Graves	44.5
Bullitt	44.3
Mason	43.5
Laurel	43.0
Kenton	42.9
Logan	42.2
Campbell	41.8
Jessamine	41.4
Rockcastle	41.1
Taylor	41.0
Mercer	40.4
Adair	40.2
Meade	40.0
Rowan	39.1
Scott	39.1
Shelby	39.0
Carlisle	39.0
Hopkins	38.7
Jefferson	38.5
Fayette	38.4
Ballard	38.0
Garrard	38.0
Estill	37.5

County	Rate
Bell	37.3
Grayson	35.7
Clark	35.5
Webster	35.3
Christian	34.9
Pendleton	31.3
Clinton	30.8
Morgan	30.1
Marshall	29.9
McCreary	29.8
Nicholas	29.5
Larue	28.8
Casey	26.5
Fulton	26.3
Owsley	25.9
Clay	25.1
Johnson	25.1
Lee	25.1
Calloway	24.2
Boyle	23.8
Breathitt	23.8
Lincoln	22.1
Montgomery	21.3
Knott	20.3
Elliott	19.0
Green	17.0
Pulaski	15.4
Hickman	9.8
Todd	9.3
Wayne	8.4

Current Overall Incidence Rate
45.76 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.