

KY COVID-19 Report 07DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	802,417	566,002	236,415
Deaths	11,348	9,975	1,373
New Cases	2,728	1,510	1,218
New Cases 18 and Under	634	310	324
Total New Deaths	59	49	10

Duplicates and records not meeting case criteria removed since last report: 6

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
57,159	7.1%	0-9	0.0%	2
110,589	13.8%	10-19	0.1%	7
136,306	17.0%	20-29	0.4%	43
124,516	15.5%	30-39	1.3%	144
115,773	14.4%	40-49	3.8%	435
106,197	13.2%	50-59	9.6%	1,085
79,427	9.9%	60-69	19.9%	2,257
46,138	5.7%	70-79	26.9%	3,053
26,068	3.2%	80+	38.1%	4,322
244	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,275	0.3%	American Indian	0.1%	13
5,891	0.9%	Asian	0.5%	51
51,752	7.7%	Black	7.2%	777
381	0.1%	Pacific Islander	0.1%	7
580,873	86.0%	White	89.4%	9,690
34,582	5.1%	Multiracial	2.8%	304

Cases	Case Percent	Ethnicity	Death Percent	Deaths
29,053	4.5%	Hispanic	1.5%	161
614,068	95.5%	Non-Hispanic	98.5%	10,410

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.2% of cases and 95.5% of deaths
Ethnicity known for 80.1% of cases and 93.2% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
9,822	107,126	9.17%

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
10,735,334	7,874,913	402,668	2,186,065	974,755	665,283	54,086	255,386

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	33,556	4.18%
Ever ICU	6,473	0.81%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,109
ICU	305
On Ventilator	174

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,138	3,886	70.2%
ICU Beds	1,236	178	87.4%
Ventilators	632	1,279	33.1%

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	56	16	10	7.0%	19.5%	10.3%	60.45%	90.24%	29.90%
Region 2	81	22	14	10.4%	29.3%	16.3%	63.32%	80.00%	31.40%
Region 3	342	93	48	9.2%	24.5%	10.6%	70.76%	88.16%	38.27%
Region 4	72	20	12	8.7%	23.0%	9.2%	61.73%	97.70%	19.08%
Region 5	196	56	32	7.1%	15.8%	5.7%	78.13%	92.39%	36.94%
Region 6	111	19	11	9.2%	22.9%	8.5%	82.69%	92.77%	40.31%
Region 7	73	23	16	11.2%	27.7%	13.0%	68.91%	68.67%	25.20%
Region 8	86	27	17	7.2%	21.6%	11.0%	59.60%	86.40%	30.32%
Region 9	69	19	11	12.0%	20.2%	11.1%	71.92%	78.72%	23.23%
Region 10	23	10	3	4.8%	20.0%	3.9%	55.74%	76.00%	22.37%

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	128,373	16.0%
Fayette	54,628	6.8%
Warren	27,495	3.4%
Kenton	26,205	3.3%
Boone	22,487	2.8%
Hardin	19,584	2.4%
Daviess	18,757	2.3%
Madison	17,369	2.2%
Campbell	13,650	1.7%
Laurel	13,404	1.7%
Bullitt	13,052	1.6%
Pulaski	11,489	1.4%
Pike	11,486	1.4%
Oldham	10,938	1.4%
McCracken	10,908	1.4%
Christian	10,742	1.3%
Whitley	9,382	1.2%
Scott	9,264	1.2%
Boyd	9,225	1.1%
Hopkins	9,096	1.1%
Nelson	8,990	1.1%
Jessamine	8,836	1.1%
Barren	8,758	1.1%
Henderson	8,459	1.1%
Franklin	7,773	1.0%
Shelby	7,697	1.0%
Floyd	7,687	1.0%
Graves	7,594	0.9%
Knox	7,580	0.9%
Greenup	7,081	0.9%

County	Cases	Percent
Perry	6,508	0.8%
Taylor	6,047	0.8%
Muhlenberg	6,042	0.8%
Bell	6,029	0.8%
Harlan	5,990	0.7%
Clark	5,738	0.7%
Boyle	5,683	0.7%
Calloway	5,412	0.7%
Logan	5,340	0.7%
Marshall	5,261	0.7%
Clay	5,234	0.7%
Grayson	5,132	0.6%
Carter	4,988	0.6%
Montgomery	4,797	0.6%
Mercer	4,751	0.6%
Ohio	4,711	0.6%
Grant	4,704	0.6%
Lincoln	4,531	0.6%
Letcher	4,231	0.5%
Marion	4,229	0.5%
Rowan	4,199	0.5%
Russell	4,104	0.5%
Allen	4,061	0.5%
Johnson	3,973	0.5%
Anderson	3,875	0.5%
Woodford	3,849	0.5%
Hart	3,800	0.5%
McCreary	3,795	0.5%
Harrison	3,749	0.5%
Adair	3,733	0.5%

County	Cases	Percent
Meade	3,649	0.5%
Bourbon	3,578	0.4%
Simpson	3,525	0.4%
Wayne	3,451	0.4%
Rockcastle	3,401	0.4%
Spencer	3,204	0.4%
Breckinridge	3,186	0.4%
Morgan	3,057	0.4%
Garrard	2,999	0.4%
Lawrence	2,972	0.4%
Powell	2,932	0.4%
Jackson	2,902	0.4%
Henry	2,884	0.4%
Casey	2,865	0.4%
Lewis	2,819	0.4%
Mason	2,790	0.3%
Union	2,663	0.3%
Webster	2,582	0.3%
Caldwell	2,576	0.3%
Knott	2,548	0.3%
Green	2,541	0.3%
Washington	2,534	0.3%
Butler	2,532	0.3%
Larue	2,520	0.3%
Magoffin	2,512	0.3%
Monroe	2,486	0.3%
Estill	2,483	0.3%
Fleming	2,368	0.3%
Trigg	2,359	0.3%
Clinton	2,338	0.3%

County	Cases	Percent
Leslie	2,319	0.3%
Pendleton	2,207	0.3%
Carroll	2,164	0.3%
Breathitt	2,143	0.3%
Martin	2,081	0.3%
Metcalfe	2,077	0.3%
Lyon	2,043	0.3%
Todd	1,924	0.2%
Bath	1,863	0.2%
Lee	1,816	0.2%
Edmonson	1,649	0.2%
McLean	1,640	0.2%
Owen	1,547	0.2%
Hancock	1,533	0.2%
Livingston	1,521	0.2%
Cumberland	1,421	0.2%
Elliott	1,415	0.2%
Trimble	1,376	0.2%
Gallatin	1,372	0.2%
Crittenden	1,370	0.2%
Bracken	1,333	0.2%
Wolfe	1,298	0.2%
Nicholas	1,284	0.2%
Owsley	1,042	0.1%
Menifee	931	0.1%
Fulton	846	0.1%
Ballard	764	0.1%
Carlisle	695	0.1%
Hickman	589	0.1%
Robertson	404	0.1%

Total Cases
802,417

New Cases by County

County	Cases	Percent
Jefferson	347	12.7%
Fayette	214	7.8%
Madison	123	4.5%
Pike	76	2.8%
Hardin	71	2.6%
Boyd	65	2.4%
Kenton	63	2.3%
Boone	61	2.2%
Daviess	52	1.9%
McCracken	50	1.8%
Harlan	49	1.8%
Warren	45	1.6%
Bullitt	40	1.5%
Pulaski	40	1.5%
Whitley	40	1.5%
Laurel	39	1.4%
Franklin	37	1.4%
Barren	35	1.3%
McCreary	35	1.3%
Campbell	34	1.2%
Clark	34	1.2%
Jessamine	31	1.1%
Hopkins	30	1.1%
Ohio	30	1.1%
Calloway	29	1.1%
Floyd	29	1.1%
Nelson	29	1.1%
Grant	27	1.0%
Knox	27	1.0%
Oldham	26	1.0%

County	Cases	Percent
Perry	26	1.0%
Powell	24	0.9%
Bell	23	0.8%
Muhlenberg	23	0.8%
Owen	23	0.8%
Union	23	0.8%
Woodford	22	0.8%
Graves	21	0.8%
Lewis	21	0.8%
Scott	21	0.8%
Lawrence	20	0.7%
Carroll	19	0.7%
Harrison	19	0.7%
Henderson	19	0.7%
Mercer	19	0.7%
Russell	19	0.7%
Allen	18	0.7%
Bracken	17	0.6%
Simpson	17	0.6%
Taylor	17	0.6%
Bath	16	0.6%
Hart	16	0.6%
Logan	15	0.5%
Shelby	15	0.5%
Trigg	15	0.5%
Grayson	14	0.5%
Marion	14	0.5%
Marshall	14	0.5%
Caldwell	13	0.5%
Livingston	13	0.5%

County	Cases	Percent
Magoffin	13	0.5%
Martin	13	0.5%
Henry	12	0.4%
Mason	12	0.4%
Hancock	11	0.4%
Cumberland	10	0.4%
Greenup	10	0.4%
Johnson	10	0.4%
Rockcastle	10	0.4%
Letcher	9	0.3%
Lyon	9	0.3%
McLean	9	0.3%
Menifee	9	0.3%
Monroe	9	0.3%
Anderson	8	0.3%
Bourbon	8	0.3%
Crittenden	8	0.3%
Jackson	8	0.3%
Rowan	8	0.3%
Carter	7	0.3%
Clay	7	0.3%
Meade	7	0.3%
Metcalfe	7	0.3%
Spencer	7	0.3%
Boyle	6	0.2%
Breckinridge	6	0.2%
Clinton	6	0.2%
Estill	6	0.2%
Green	6	0.2%
Knott	6	0.2%

County	Cases	Percent
Leslie	6	0.2%
Lincoln	6	0.2%
Morgan	6	0.2%
Wayne	6	0.2%
Webster	6	0.2%
Wolfe	6	0.2%
Breathitt	5	0.2%
Larue	5	0.2%
Montgomery	5	0.2%
Butler	4	0.1%
Christian	4	0.1%
Elliott	4	0.1%
Fleming	4	0.1%
Gallatin	4	0.1%
Lee	4	0.1%
Robertson	4	0.1%
Trimble	4	0.1%
Ballard	3	0.1%
Casey	3	0.1%
Garrard	3	0.1%
Washington	3	0.1%
Carlisle	2	0.1%
Edmonson	2	0.1%
Nicholas	2	0.1%
Owsley	2	0.1%
Todd	2	0.1%
Adair	1	0.0%
Pendleton	1	0.0%
Fulton	0	0.0%
Hickman	0	0.0%

Total New Cases
2,728

Total Deaths by County

County	Deaths	Percent
Jefferson	1,729	15.2%
Fayette	453	4.0%
Hardin	323	2.8%
Kenton	293	2.6%
Daviess	288	2.5%
Warren	287	2.5%
Boone	217	1.9%
Hopkins	216	1.9%
Pike	210	1.9%
Madison	202	1.8%
Pulaski	200	1.8%
McCracken	196	1.7%
Barren	167	1.5%
Laurel	164	1.4%
Christian	158	1.4%
Bullitt	150	1.3%
Harlan	145	1.3%
Floyd	137	1.2%
Graves	133	1.2%
Whitley	129	1.1%
Henderson	126	1.1%
Perry	123	1.1%
Boyd	120	1.1%
Shelby	117	1.0%
Campbell	115	1.0%
Bell	113	1.0%
Jessamine	107	0.9%
Franklin	105	0.9%
Lincoln	105	0.9%
Oldham	105	0.9%

County	Deaths	Percent
Nelson	104	0.9%
Boyle	102	0.9%
Grayson	100	0.9%
Greenup	99	0.9%
Muhlenberg	97	0.9%
Taylor	95	0.8%
Knox	93	0.8%
Logan	93	0.8%
Ohio	89	0.8%
Mercer	87	0.8%
Marshall	85	0.7%
Adair	84	0.7%
Letcher	79	0.7%
Mason	76	0.7%
Allen	75	0.7%
Hart	75	0.7%
Johnson	73	0.6%
Carter	71	0.6%
Wayne	70	0.6%
Montgomery	68	0.6%
Monroe	65	0.6%
Simpson	65	0.6%
Calloway	64	0.6%
Clay	64	0.6%
McCreary	63	0.6%
Scott	62	0.5%
Lewis	61	0.5%
Russell	61	0.5%
Casey	59	0.5%
Garrard	55	0.5%

County	Deaths	Percent
Jackson	54	0.5%
Marion	54	0.5%
Larue	53	0.5%
Anderson	52	0.5%
Caldwell	52	0.5%
Harrison	52	0.5%
Washington	49	0.4%
Metcalfe	48	0.4%
Clark	47	0.4%
Meade	47	0.4%
Livingston	46	0.4%
Breckinridge	45	0.4%
Gallatin	44	0.4%
Lawrence	44	0.4%
Knott	43	0.4%
Rockcastle	43	0.4%
Butler	42	0.4%
Union	42	0.4%
Webster	42	0.4%
Breathitt	41	0.4%
Fleming	41	0.4%
Grant	41	0.4%
McLean	41	0.4%
Bourbon	40	0.4%
Spencer	40	0.4%
Rowan	39	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	35	0.3%
Henry	35	0.3%
Bath	33	0.3%
Edmonson	33	0.3%
Estill	33	0.3%
Carroll	32	0.3%
Leslie	32	0.3%
Woodford	32	0.3%
Magoffin	30	0.3%
Owen	28	0.2%
Trigg	28	0.2%
Lyon	27	0.2%
Nicholas	26	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%
Fulton	21	0.2%
Owsley	21	0.2%
Bracken	18	0.2%
Cumberland	18	0.2%
Hancock	18	0.2%
Morgan	16	0.1%
Robertson	16	0.1%
Wolfe	13	0.1%
Carlisle	12	0.1%
Elliott	12	0.1%

Total Deaths
11,348

Incidence Rates by County

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

County	Rate
Powell	134.1
Cumberland	116.6
Robertson	108.4
Lewis	104.4
Lawrence	99.8
Harlan	98.3
Owen	98.3
McLean	97.8
Carroll	94.1
Union	91.4
Metcalfe	86.5
Hancock	85.2
Harrison	83.2
Simpson	80.8
Woodford	79.6
Bath	76.6
Magoffin	75.2
Knox	70.6
Madison	70.5
Barren	69.4
Daviess	69.2
Greenup	68.4
Grant	64.4
Spencer	64.2
Ohio	62.5
Carter	62.4
Henry	62.0
Allen	61.7
Menifee	61.6
Jackson	61.1

County	Rate
Trimble	60.7
Whitley	60.7
Floyd	60.6
Fleming	59.8
Boyd	59.6
Warren	59.6
Rowan	59.0
Hardin	58.8
Wolfe	57.9
Hart	57.8
Breckinridge	57.2
Muhlenberg	56.4
Monroe	56.3
Nelson	56.2
Anderson	55.9
Marion	55.6
Pike	55.5
Bracken	55.1
Letcher	55.0
Webster	54.1
Boone	53.5
Gallatin	51.5
Kenton	51.3
Bullitt	50.9
Rockcastle	50.5
Oldham	50.5
Lyon	50.5
Clinton	50.3
Henderson	50.2
Jessamine	50.2

County	Rate
Logan	49.5
Bourbon	49.1
Campbell	48.8
Laurel	48.6
Russell	48.6
Butler	47.7
Franklin	47.6
McCracken	47.6
Estill	47.6
Crittenden	45.4
Caldwell	44.8
Washington	42.5
Hopkins	42.5
Adair	42.4
Grayson	41.6
Martin	40.8
Bell	40.6
Jefferson	40.4
Livingston	40.4
Shelby	40.2
Edmonson	40.0
Scott	39.6
Graves	39.5
Mercer	39.1
Carlisle	39.0
Trigg	39.0
Pendleton	38.2
Fayette	37.6
Casey	36.2
Clay	35.2

County	Rate
Mason	35.1
Clark	33.9
Perry	33.8
Larue	33.7
Morgan	33.3
Garrard	32.3
Meade	32.0
Calloway	30.0
Owsley	29.1
Taylor	28.3
Nicholas	27.5
McCreary	27.4
Ballard	27.2
Lee	27.0
Leslie	26.0
Marshall	25.7
Fulton	23.9
Johnson	23.8
Breathitt	23.8
Christian	22.5
Elliott	20.9
Montgomery	19.8
Lincoln	19.8
Todd	19.8
Boyle	19.5
Green	18.3
Pulaski	17.1
Knott	16.4
Wayne	12.6
Hickman	9.8

Current Overall Incidence Rate
48.24 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.