

KY COVID-19 Report 03DEC21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	794,816	561,107	233,709
Deaths	11,091	9,761	1,330
New Cases	2,813	1,674	1,139
New Cases 18 and Under	669	363	306
Total New Deaths	64	51	13

Duplicates and records not meeting case criteria removed since last report: 12

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
56,362	7.1%	0-9	0.0%	2
109,494	13.8%	10-19	0.1%	7
135,090	17.0%	20-29	0.4%	42
123,303	15.5%	30-39	1.3%	139
114,746	14.4%	40-49	3.8%	416
105,218	13.2%	50-59	9.5%	1,057
78,698	9.9%	60-69	19.8%	2,198
45,757	5.8%	70-79	26.9%	2,984
25,905	3.3%	80+	38.3%	4,246
243	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,242	0.3%	American Indian	0.1%	12
5,840	0.9%	Asian	0.5%	50
51,386	7.7%	Black	7.2%	764
381	0.1%	Pacific Islander	0.1%	7
575,422	85.9%	White	89.3%	9,460
34,324	5.1%	Multiracial	2.8%	300

Cases	Case Percent	Ethnicity	Death Percent	Deaths
28,856	4.5%	Hispanic	1.5%	159
608,352	95.5%	Non-Hispanic	98.5%	10,164

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 80.2% of cases and 93.1% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
8,251	89,547	9.21%

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
10,642,421	7,819,686	402,097	2,151,739	965,934	659,438	53,943	252,553

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	33,285	4.19%
Ever ICU	6,438	0.81%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	972
ICU	284
On Ventilator	156

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,373	3,687	71.8%
ICU Beds	1,272	141	90.0%
Ventilators	619	1,256	33.0%

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	32	10	4	4.0%	13.3%	4.4%	63.30%	92.00%	22.22%
Region 2	68	17	10	8.8%	23.6%	11.6%	66.67%	93.06%	25.58%
Region 3	327	87	57	8.8%	22.7%	12.6%	74.96%	92.71%	38.72%
Region 4	65	19	9	7.7%	21.3%	6.9%	63.92%	98.88%	19.08%
Region 5	168	59	29	6.2%	16.8%	5.4%	79.15%	90.63%	38.63%
Region 6	95	17	10	7.8%	20.5%	7.9%	86.32%	100.00%	40.94%
Region 7	64	22	13	9.8%	26.5%	10.6%	68.56%	53.01%	21.95%
Region 8	77	26	14	6.4%	19.3%	9.1%	58.68%	90.37%	34.42%
Region 9	58	18	8	9.0%	20.0%	8.2%	60.59%	86.67%	20.41%
Region 10	18	9	2	3.8%	18.0%	2.7%	56.58%	92.00%	21.92%

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	127,307	16.0%
Fayette	54,148	6.8%
Warren	27,262	3.4%
Kenton	25,928	3.3%
Boone	22,243	2.8%
Hardin	19,356	2.4%
Daviess	18,539	2.3%
Madison	17,117	2.2%
Campbell	13,482	1.7%
Laurel	13,327	1.7%
Bullitt	12,931	1.6%
Pulaski	11,400	1.4%
Pike	11,376	1.4%
Oldham	10,824	1.4%
McCracken	10,767	1.4%
Christian	10,717	1.3%
Whitley	9,314	1.2%
Scott	9,188	1.2%
Boyd	9,125	1.1%
Hopkins	9,038	1.1%
Nelson	8,906	1.1%
Jessamine	8,753	1.1%
Barren	8,635	1.1%
Henderson	8,380	1.1%
Franklin	7,683	1.0%
Shelby	7,628	1.0%
Floyd	7,621	1.0%
Graves	7,548	0.9%
Knox	7,502	0.9%
Greenup	7,002	0.9%

County	Cases	Percent
Perry	6,449	0.8%
Taylor	5,989	0.8%
Bell	5,987	0.8%
Muhlenberg	5,987	0.8%
Harlan	5,905	0.7%
Boyle	5,658	0.7%
Clark	5,658	0.7%
Calloway	5,369	0.7%
Logan	5,292	0.7%
Marshall	5,239	0.7%
Clay	5,210	0.7%
Grayson	5,080	0.6%
Carter	4,946	0.6%
Montgomery	4,774	0.6%
Mercer	4,721	0.6%
Ohio	4,654	0.6%
Grant	4,649	0.6%
Lincoln	4,516	0.6%
Letcher	4,192	0.5%
Marion	4,192	0.5%
Rowan	4,167	0.5%
Russell	4,067	0.5%
Allen	4,013	0.5%
Johnson	3,955	0.5%
Anderson	3,835	0.5%
Woodford	3,784	0.5%
Hart	3,763	0.5%
McCreary	3,717	0.5%
Adair	3,702	0.5%
Harrison	3,692	0.5%

County	Cases	Percent
Meade	3,614	0.5%
Bourbon	3,551	0.4%
Simpson	3,479	0.4%
Wayne	3,423	0.4%
Rockcastle	3,374	0.4%
Spencer	3,170	0.4%
Breckinridge	3,166	0.4%
Morgan	3,040	0.4%
Garrard	2,973	0.4%
Lawrence	2,918	0.4%
Powell	2,888	0.4%
Jackson	2,880	0.4%
Casey	2,841	0.4%
Henry	2,837	0.4%
Mason	2,773	0.3%
Lewis	2,771	0.3%
Union	2,613	0.3%
Webster	2,556	0.3%
Caldwell	2,544	0.3%
Knott	2,538	0.3%
Green	2,528	0.3%
Washington	2,517	0.3%
Butler	2,515	0.3%
Larue	2,506	0.3%
Magoffin	2,480	0.3%
Monroe	2,472	0.3%
Estill	2,462	0.3%
Fleming	2,354	0.3%
Trigg	2,328	0.3%
Clinton	2,317	0.3%

County	Cases	Percent
Leslie	2,303	0.3%
Pendleton	2,195	0.3%
Breathitt	2,134	0.3%
Carroll	2,129	0.3%
Martin	2,062	0.3%
Metcalfe	2,043	0.3%
Lyon	2,025	0.3%
Todd	1,914	0.2%
Bath	1,817	0.2%
Lee	1,810	0.2%
Edmonson	1,638	0.2%
McLean	1,613	0.2%
Hancock	1,517	0.2%
Owen	1,505	0.2%
Livingston	1,499	0.2%
Elliott	1,400	0.2%
Cumberland	1,395	0.2%
Trimble	1,365	0.2%
Gallatin	1,363	0.2%
Crittenden	1,354	0.2%
Bracken	1,305	0.2%
Wolfe	1,284	0.2%
Nicholas	1,275	0.2%
Owsley	1,038	0.1%
Menifee	917	0.1%
Fulton	842	0.1%
Ballard	753	0.1%
Carlisle	690	0.1%
Hickman	588	0.1%
Robertson	397	0.0%

Total Cases
794,816

New Cases by County

County	Cases	Percent
Jefferson	393	14.0%
Kenton	123	4.4%
Fayette	122	4.3%
Boone	100	3.6%
Warren	98	3.5%
Daviess	91	3.2%
Madison	85	3.0%
Hardin	70	2.5%
Bullitt	68	2.4%
Campbell	54	1.9%
Knox	49	1.7%
Pike	48	1.7%
McCracken	43	1.5%
Whitley	40	1.4%
Laurel	38	1.4%
Henderson	37	1.3%
Oldham	36	1.3%
Pulaski	36	1.3%
Franklin	34	1.2%
Scott	33	1.2%
Jessamine	32	1.1%
Rowan	32	1.1%
Hopkins	28	1.0%
Morgan	28	1.0%
Greenup	27	1.0%
Boyd	25	0.9%
Carter	25	0.9%
Harlan	25	0.9%
Shelby	24	0.9%
Clark	23	0.8%

County	Cases	Percent
McCreary	23	0.8%
Nelson	23	0.8%
Casey	22	0.8%
Grant	22	0.8%
Letcher	22	0.8%
Powell	22	0.8%
Woodford	22	0.8%
Bath	20	0.7%
Lawrence	20	0.7%
Spencer	20	0.7%
Harrison	19	0.7%
Logan	19	0.7%
Simpson	19	0.7%
Muhlenberg	18	0.6%
Barren	16	0.6%
Mason	16	0.6%
Wayne	16	0.6%
Clinton	15	0.5%
Taylor	15	0.5%
Union	15	0.5%
Breckinridge	14	0.5%
Christian	14	0.5%
Fleming	14	0.5%
Grayson	14	0.5%
McLean	14	0.5%
Meade	14	0.5%
Ohio	14	0.5%
Russell	14	0.5%
Allen	13	0.5%
Bourbon	13	0.5%

County	Cases	Percent
Calloway	13	0.5%
Cumberland	13	0.5%
Floyd	13	0.5%
Caldwell	12	0.4%
Jackson	12	0.4%
Lewis	12	0.4%
Marion	12	0.4%
Mercer	12	0.4%
Owen	12	0.4%
Adair	11	0.4%
Gallatin	11	0.4%
Hart	11	0.4%
Metcalfe	11	0.4%
Perry	11	0.4%
Bell	10	0.4%
Graves	10	0.4%
Hancock	10	0.4%
Henry	10	0.4%
Rockcastle	10	0.4%
Anderson	9	0.3%
Estill	9	0.3%
Green	9	0.3%
Johnson	9	0.3%
Monroe	9	0.3%
Pendleton	9	0.3%
Trigg	9	0.3%
Crittenden	8	0.3%
Lincoln	8	0.3%
Magoffin	8	0.3%
Martin	8	0.3%

County	Cases	Percent
Boyle	7	0.2%
Carroll	7	0.2%
Marshall	7	0.2%
Edmonson	6	0.2%
Washington	6	0.2%
Webster	6	0.2%
Ballard	5	0.2%
Bracken	5	0.2%
Carlisle	5	0.2%
Lee	5	0.2%
Menifee	5	0.2%
Montgomery	5	0.2%
Todd	5	0.2%
Trimble	5	0.2%
Livingston	4	0.1%
Clay	3	0.1%
Garrard	3	0.1%
Knott	3	0.1%
Larue	3	0.1%
Lyon	3	0.1%
Nicholas	3	0.1%
Wolfe	3	0.1%
Butler	2	0.1%
Robertson	2	0.1%
Breathitt	1	0.0%
Elliott	1	0.0%
Fulton	1	0.0%
Leslie	1	0.0%
Owsley	1	0.0%
Hickman	0	0.0%

Total New Cases
2,813

Total Deaths by County

County	Deaths	Percent
Jefferson	1,710	15.4%
Fayette	448	4.0%
Hardin	319	2.9%
Kenton	285	2.6%
Daviess	284	2.6%
Warren	283	2.6%
Boone	214	1.9%
Hopkins	214	1.9%
Pike	208	1.9%
Madison	197	1.8%
Pulaski	195	1.8%
McCracken	194	1.7%
Barren	161	1.5%
Laurel	159	1.4%
Christian	150	1.4%
Bullitt	147	1.3%
Harlan	143	1.3%
Floyd	134	1.2%
Graves	132	1.2%
Henderson	123	1.1%
Perry	122	1.1%
Boyd	118	1.1%
Shelby	116	1.0%
Whitley	116	1.0%
Campbell	112	1.0%
Bell	108	1.0%
Jessamine	106	1.0%
Lincoln	104	0.9%
Oldham	104	0.9%
Franklin	101	0.9%

County	Deaths	Percent
Nelson	101	0.9%
Grayson	100	0.9%
Muhlenberg	97	0.9%
Boyle	96	0.9%
Greenup	94	0.8%
Logan	91	0.8%
Taylor	90	0.8%
Ohio	88	0.8%
Mercer	85	0.8%
Adair	83	0.7%
Marshall	82	0.7%
Knox	80	0.7%
Letcher	78	0.7%
Allen	75	0.7%
Mason	74	0.7%
Hart	72	0.6%
Carter	70	0.6%
Johnson	67	0.6%
Wayne	67	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	57	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%
Meade	47	0.4%
Clark	46	0.4%
Livingston	45	0.4%
Lawrence	44	0.4%
Gallatin	43	0.4%
Knott	43	0.4%
Webster	42	0.4%
Breathitt	41	0.4%
Breckinridge	41	0.4%
Butler	41	0.4%
Fleming	41	0.4%
McLean	41	0.4%
Union	41	0.4%
Grant	40	0.4%
Spencer	40	0.4%
Bourbon	38	0.3%
Rockcastle	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%
Owen	28	0.3%
Magoffin	27	0.2%
Lyon	26	0.2%
Pendleton	25	0.2%
Trigg	25	0.2%
Nicholas	24	0.2%
Powell	24	0.2%
Estill	23	0.2%
Menifee	23	0.2%
Trimble	23	0.2%
Ballard	22	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
11,091

Incidence Rates by County

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

County	Rate
Cumberland	123.1
Powell	119.1
Robertson	108.4
Carroll	92.7
Lawrence	91.4
Hancock	86.8
Harlan	84.0
McLean	83.8
Greenup	79.0
Fleming	78.4
Magoffin	76.4
Monroe	75.1
Lewis	73.2
Harrison	72.6
Woodford	68.9
Rowan	67.7
Metcalfe	66.7
Spencer	65.7
Carter	65.6
Jackson	65.4
Estill	64.8
Trimble	62.4
Simpson	61.5
Bracken	60.2
Daviess	59.8
Floyd	59.0
Union	58.6
Ohio	57.2
Barren	57.1
Muhlenberg	56.9

County	Rate
Boyd	56.9
Grant	55.8
Madison	55.8
Menifee	55.0
Clinton	54.5
Marion	54.1
Pike	53.8
Owen	53.7
Jessamine	53.3
Whitley	52.4
Allen	52.3
Breckinridge	51.6
Gallatin	51.5
Nelson	50.4
Bath	50.3
Warren	50.0
Bourbon	49.1
Hardin	49.1
Pendleton	49.0
Knox	48.6
Wolfe	47.9
Anderson	47.7
Letcher	47.1
Bullitt	46.2
Mason	46.0
Butler	45.5
Boone	45.1
Washington	44.9
Kenton	44.7
Oldham	44.5

County	Rate
Hart	44.3
Rockcastle	43.6
Laurel	43.5
Henry	41.6
Grayson	40.5
Campbell	39.8
Graves	38.3
Russell	38.3
Henderson	38.2
Larue	37.7
Carlisle	36.0
Fulton	35.9
McCracken	35.6
Webster	35.3
Edmonson	35.3
Mercer	35.2
Jefferson	35.1
Franklin	35.0
Hopkins	34.8
Nicholas	33.4
Lyon	33.1
Shelby	32.6
Logan	31.1
Leslie	30.4
Todd	30.2
Casey	30.1
Scott	29.6
Breathitt	29.4
Garrard	29.1
Adair	29.0

County	Rate
Fayette	28.9
Marshall	28.5
Perry	28.3
Crittenden	27.6
Bell	27.4
Morgan	26.8
Martin	26.8
Knott	25.1
Lee	25.1
Johnson	24.5
Meade	24.0
Clay	23.0
Caldwell	22.4
Montgomery	22.3
Taylor	22.2
McCreary	21.6
Clark	20.9
Christian	20.7
Trigg	20.5
Lincoln	19.8
Boyle	19.0
Calloway	18.7
Ballard	18.1
Livingston	17.1
Hickman	16.3
Owsley	16.2
Pulaski	15.6
Wayne	14.1
Elliott	13.3
Green	13.1

Current Overall Incidence Rate
41.73 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.