

KY COVID-19 Report 22DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	247,344	199,942	47,402
Deaths	2,440	2,288	152
New Cases	3,057	1,981	1,076
New Cases 18 and Under	327	192	135
New Deaths	28	22	6

10 duplicates and records not meeting case criteria removed since last report

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
9,654	3.9%	0-9	0.0%	1
25,391	10.3%	10-19	0.0%	1
45,691	18.5%	20-29	0.0%	1
37,342	15.1%	30-39	0.7%	17
36,728	14.8%	40-49	1.7%	42
35,449	14.3%	50-59	6.0%	147
27,716	11.2%	60-69	16.5%	403
17,206	7.0%	70-79	26.1%	637
12,033	4.9%	80+	48.8%	1,191
134	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
508	0.3%	American Indian	0.1%	2
2,371	1.3%	Asian	0.8%	17
17,624	9.5%	Black	10.0%	224
169	0.1%	Pacific Islander	0.0%	1
154,448	83.6%	White	86.5%	1,947
9,571	5.2%	Multiracial	2.6%	59

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,886	5.5%	Hispanic	2.4%	51
168,388	94.5%	Non-Hispanic	97.6%	2,102

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 74.7% of cases and 92.2% of deaths
 Ethnicity known for 72.1% of cases and 88.2% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	32,465	13.1%
Deaths	1,745	71.5%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
11,294	133,170	8.48%

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
3,287,909	3,038,072	100,320	149,517	195,391	173,957	6,461	14,973

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	12,675	5.12%
Ever ICU	2,921	1.18%
Recovered	35,118	14.20%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,631
ICU	419
On Ventilator	223

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,142	4,836	62.7%
ICU Beds	1,147	543	67.9%
Ventilators	595	1,184	33.4%

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	100	30	11	14.1%	29.4%	11.1%	70.76%	69.61%	15.15%
Region 2	109	30	13	13.4%	32.6%	15.9%	48.71%	48.91%	35.37%
Region 3	490	115	74	12.8%	24.0%	16.9%	59.84%	67.01%	33.87%
Region 4	104	25	15	12.8%	25.5%	13.8%	55.65%	78.57%	25.69%
Region 5	285	79	47	10.5%	20.2%	9.1%	70.97%	71.43%	41.20%
Region 6	169	43	16	13.4%	24.6%	14.3%	70.59%	49.14%	58.93%
Region 7	93	18	9	14.8%	28.1%	7.4%	58.21%	62.50%	13.22%
Region 8	143	44	26	11.9%	32.4%	17.9%	58.65%	86.76%	31.03%
Region 9	90	17	7	14.3%	16.0%	7.1%	63.71%	63.21%	21.21%
Region 10	48	18	5	12.4%	39.1%	8.6%	56.07%	91.30%	24.14%

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	48,070	19.4%
Fayette	22,016	8.9%
Warren	9,426	3.8%
Kenton	8,021	3.2%
Boone	7,012	2.8%
Hardin	5,541	2.2%
Madison	5,459	2.2%
Daviess	5,263	2.1%
Campbell	4,218	1.7%
McCracken	4,026	1.6%
Christian	3,896	1.6%
Bullitt	3,866	1.6%
Oldham	3,440	1.4%
Pulaski	3,366	1.4%
Laurel	3,307	1.3%
Shelby	2,826	1.1%
Boyd	2,787	1.1%
Henderson	2,734	1.1%
Nelson	2,687	1.1%
Pike	2,615	1.1%
Whitley	2,487	1.0%
Jessamine	2,461	1.0%
Hopkins	2,439	1.0%
Barren	2,437	1.0%
Graves	2,413	1.0%
Scott	2,320	0.9%
Calloway	2,194	0.9%
Greenup	2,064	0.8%
Franklin	1,997	0.8%
Muhlenberg	1,780	0.7%

County	Cases	Percent
Boyle	1,720	0.7%
Floyd	1,668	0.7%
Bell	1,667	0.7%
Knox	1,631	0.7%
Taylor	1,610	0.7%
Logan	1,602	0.6%
Perry	1,466	0.6%
Marion	1,446	0.6%
Clay	1,431	0.6%
Ohio	1,398	0.6%
Harlan	1,389	0.6%
Marshall	1,364	0.6%
Clark	1,359	0.5%
Montgomery	1,295	0.5%
Lincoln	1,285	0.5%
Carter	1,253	0.5%
Mercer	1,237	0.5%
Grayson	1,204	0.5%
Hart	1,183	0.5%
Woodford	1,173	0.5%
Adair	1,172	0.5%
Grant	1,145	0.5%
Wayne	1,123	0.5%
Rowan	1,109	0.4%
Simpson	1,098	0.4%
Johnson	1,062	0.4%
Meade	1,052	0.4%
Russell	1,042	0.4%
Allen	1,038	0.4%
Lee	1,022	0.4%

County	Cases	Percent
McCreary	991	0.4%
Spencer	937	0.4%
Letcher	916	0.4%
Monroe	899	0.4%
Union	899	0.4%
Garrard	889	0.4%
Caldwell	848	0.3%
Anderson	843	0.3%
Mason	827	0.3%
Washington	821	0.3%
Bourbon	810	0.3%
Jackson	794	0.3%
Casey	792	0.3%
Larue	778	0.3%
Rockcastle	769	0.3%
Elliott	750	0.3%
Henry	749	0.3%
Butler	741	0.3%
Clinton	736	0.3%
Green	714	0.3%
Lewis	704	0.3%
Knott	703	0.3%
Magoffin	690	0.3%
Webster	686	0.3%
Harrison	681	0.3%
Powell	654	0.3%
Lawrence	629	0.3%
Estill	626	0.3%
Martin	617	0.2%
Trigg	615	0.2%

County	Cases	Percent
Todd	613	0.2%
Fleming	603	0.2%
Breckinridge	602	0.2%
Pendleton	575	0.2%
Metcalf	561	0.2%
Breathitt	529	0.2%
Carroll	522	0.2%
McLean	513	0.2%
Edmonson	509	0.2%
Morgan	486	0.2%
Bath	462	0.2%
Livingston	460	0.2%
Leslie	436	0.2%
Gallatin	420	0.2%
Hancock	400	0.2%
Cumberland	367	0.1%
Owen	356	0.1%
Trimble	350	0.1%
Fulton	346	0.1%
Crittenden	329	0.1%
Lyon	299	0.1%
Owsley	288	0.1%
Carlisle	281	0.1%
Wolfe	280	0.1%
Bracken	260	0.1%
Nicholas	232	0.1%
Hickman	221	0.1%
Ballard	217	0.1%
Menifee	182	0.1%
Robertson	124	0.1%

Total Cases
247,344

New Cases by County

County	Cases	Percent
Jefferson	468	15.3%
Warren	136	4.4%
Madison	127	4.2%
Fayette	125	4.1%
Kenton	113	3.7%
Christian	105	3.4%
Daviess	89	2.9%
Boone	88	2.9%
Laurel	81	2.6%
Pike	61	2.0%
Clay	53	1.7%
Campbell	47	1.5%
Henderson	44	1.4%
Knox	43	1.4%
Hardin	42	1.4%
Pulaski	40	1.3%
Wayne	39	1.3%
Lincoln	38	1.2%
Logan	38	1.2%
Oldham	38	1.2%
Barren	37	1.2%
McCreary	37	1.2%
Bullitt	36	1.2%
Whitley	32	1.0%
Scott	31	1.0%
Hopkins	30	1.0%
Simpson	30	1.0%
Grant	29	0.9%
Nelson	29	0.9%
Boyle	28	0.9%

County	Cases	Percent
Jessamine	27	0.9%
Allen	26	0.9%
Mercer	26	0.9%
Clinton	25	0.8%
Clark	24	0.8%
Ohio	24	0.8%
Taylor	24	0.8%
Carter	23	0.8%
Harlan	23	0.8%
Graves	22	0.7%
Johnson	21	0.7%
Bath	20	0.7%
Grayson	20	0.7%
Boyd	19	0.6%
Franklin	19	0.6%
Muhlenberg	19	0.6%
Greenup	18	0.6%
Monroe	18	0.6%
Calloway	17	0.6%
McCracken	17	0.6%
Bourbon	16	0.5%
Letcher	16	0.5%
Anderson	15	0.5%
Perry	15	0.5%
Harrison	14	0.5%
Montgomery	14	0.5%
Adair	13	0.4%
Lewis	13	0.4%
Trigg	13	0.4%
Estill	12	0.4%

County	Cases	Percent
Marion	12	0.4%
Marshall	12	0.4%
Meade	12	0.4%
Russell	12	0.4%
Breathitt	11	0.4%
Butler	11	0.4%
Fleming	11	0.4%
Jackson	11	0.4%
Shelby	11	0.4%
Breckinridge	10	0.3%
Casey	10	0.3%
Floyd	10	0.3%
Hart	10	0.3%
Union	10	0.3%
Martin	9	0.3%
Woodford	9	0.3%
Bell	8	0.3%
Edmonson	8	0.3%
Garrard	8	0.3%
Rockcastle	8	0.3%
Gallatin	7	0.2%
Hancock	7	0.2%
Leslie	7	0.2%
Lyon	7	0.2%
Crittenden	6	0.2%
Lawrence	6	0.2%
McLean	6	0.2%
Magoffin	6	0.2%
Mason	6	0.2%
Washington	6	0.2%

County	Cases	Percent
Caldwell	5	0.2%
Green	5	0.2%
Larue	5	0.2%
Livingston	5	0.2%
Metcalfe	5	0.2%
Pendleton	5	0.2%
Bracken	4	0.1%
Carroll	4	0.1%
Elliott	4	0.1%
Powell	4	0.1%
Todd	4	0.1%
Wolfe	4	0.1%
Cumberland	3	0.1%
Knott	3	0.1%
Lee	3	0.1%
Morgan	3	0.1%
Owen	3	0.1%
Henry	2	0.1%
Rowan	2	0.1%
Spencer	2	0.1%
Webster	2	0.1%
Carlisle	1	0.0%
Hickman	1	0.0%
Menifee	1	0.0%
Nicholas	1	0.0%
Owsley	1	0.0%
Trimble	1	0.0%
Ballard	0	0.0%
Fulton	0	0.0%
Robertson	0	0.0%

Total New Cases
3,057

Total Deaths by County

County	Deaths	Percent
Jefferson	509	20.9%
Fayette	135	5.5%
Warren	83	3.4%
Daviess	70	2.9%
Hopkins	69	2.8%
Kenton	65	2.7%
Christian	49	2.0%
Oldham	48	2.0%
Graves	45	1.8%
Henderson	44	1.8%
Jessamine	42	1.7%
Hardin	41	1.7%
McCracken	38	1.6%
Adair	37	1.5%
Logan	37	1.5%
Boone	35	1.4%
Barren	34	1.4%
Pike	33	1.4%
Boyd	31	1.3%
Bullitt	28	1.1%
Grayson	28	1.1%
Shelby	28	1.1%
Madison	26	1.1%
Muhlenberg	26	1.1%
Ohio	24	1.0%
Bell	23	0.9%
Calloway	23	0.9%
Campbell	22	0.9%
Casey	22	0.9%
Lewis	22	0.9%

County	Deaths	Percent
Pulaski	22	0.9%
Scott	22	0.9%
Lincoln	21	0.9%
Monroe	21	0.9%
McLean	20	0.8%
Marion	20	0.8%
Jackson	19	0.8%
Marshall	19	0.8%
Russell	19	0.8%
Greenup	18	0.7%
Lee	18	0.7%
Franklin	17	0.7%
Nelson	17	0.7%
Butler	16	0.7%
Harlan	16	0.7%
Todd	16	0.7%
Allen	15	0.6%
Caldwell	15	0.6%
Clark	15	0.6%
Johnson	14	0.6%
Clinton	13	0.5%
Edmonson	13	0.5%
Knott	13	0.5%
Laurel	12	0.5%
Mason	12	0.5%
Montgomery	12	0.5%
Perry	12	0.5%
Hancock	11	0.5%
Taylor	11	0.5%
Webster	11	0.5%

County	Deaths	Percent
Green	10	0.4%
Knox	10	0.4%
Martin	10	0.4%
Owsley	10	0.4%
Floyd	9	0.4%
Gallatin	9	0.4%
Simpson	9	0.4%
Union	9	0.4%
Washington	9	0.4%
Whitley	9	0.4%
Clay	8	0.3%
Carroll	7	0.3%
Metcalfe	7	0.3%
Rockcastle	7	0.3%
Grant	6	0.2%
Mercer	6	0.2%
Carter	5	0.2%
Hart	5	0.2%
Livingston	5	0.2%
Lyon	5	0.2%
Robertson	5	0.2%
Spencer	5	0.2%
Wayne	5	0.2%
Breckinridge	4	0.2%
Fulton	4	0.2%
Garrard	4	0.2%
Henry	4	0.2%
Lawrence	4	0.2%
Meade	4	0.2%
Bracken	3	0.1%

County	Deaths	Percent
Breathitt	3	0.1%
Crittenden	3	0.1%
Hickman	3	0.1%
Larue	3	0.1%
Letcher	3	0.1%
Nicholas	3	0.1%
Owen	3	0.1%
Rowan	3	0.1%
Ballard	2	0.1%
Bath	2	0.1%
Cumberland	2	0.1%
Fleming	2	0.1%
Trigg	2	0.1%
Anderson	1	0.0%
Bourbon	1	0.0%
Carlisle	1	0.0%
Elliott	1	0.0%
Harrison	1	0.0%
Leslie	1	0.0%
McCreary	1	0.0%
Magoffin	1	0.0%
Menifee	1	0.0%
Pendleton	1	0.0%
Wolfe	1	0.0%
Woodford	1	0.0%
Boyle	0	0.0%
Estill	0	0.0%
Morgan	0	0.0%
Powell	0	0.0%
Trimble	0	0.0%

Total Deaths
2,440

Incidence Rates by County

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

County	Rate
McCreary	214.7
Wayne	201.6
Clinton	174.8
Pulaski	128.6
Clay	124.2
Letcher	115.3
Russell	110.8
Carter	104.0
Green	101.8
Mercer	94.4
Taylor	91.5
Whitley	84.3
Boyle	82.2
Carroll	79.3
Allen	79.1
Daviess	76.1
Cumberland	75.6
Owsley	74.4
Knox	74.3
Grant	73.5
Boone	73.4
Washington	73.2
Warren	72.8
Martin	72.7
Simpson	72.3
Kenton	71.9
Laurel	70.7
Trigg	70.2
Leslie	69.4
Bourbon	69.3

County	Rate
Logan	68.5
Robertson	67.8
Adair	67.7
Greenup	66.8
Anderson	66.6
Todd	66.2
Christian	65.1
Madison	64.8
Henderson	64.5
Bell	64.2
Pike	63.4
Casey	61.9
Garrard	61.5
Marion	60.8
Mason	60.3
Powell	60.1
Gallatin	59.6
Campbell	58.8
Union	58.6
Henry	58.5
Marshall	57.9
Butler	57.7
Monroe	57.7
Lyon	57.4
Harlan	57.1
Graves	57.1
Carlisle	57.0
Lawrence	56.9
Larue	56.6
Muhlenberg	56.4

County	Rate
Perry	55.5
Shelby	55.1
Menifee	55.0
Estill	53.7
Livingston	52.8
Jackson	52.5
Fleming	51.9
Morgan	51.5
Hopkins	51.2
Wolfe	49.9
Oldham	49.6
Ohio	49.4
Hancock	49.1
Trimble	48.9
Hart	48.8
Bracken	48.2
Boyd	47.7
Jefferson	47.5
Spencer	47.2
Pendleton	47.0
Rockcastle	46.2
McLean	45.0
Fayette	44.9
Clark	44.1
Breathitt	44.1
McCracken	44.1
Calloway	44.0
Hardin	43.5
Owen	43.2
Bullitt	42.9

County	Rate
Barren	42.6
Breckinridge	42.6
Metcalfe	42.6
Lee	42.5
Harrison	42.4
Elliott	41.8
Knott	41.5
Montgomery	41.1
Lincoln	40.2
Meade	39.5
Nelson	39.2
Franklin	38.7
Floyd	38.1
Nicholas	37.3
Johnson	36.7
Hickman	35.9
Grayson	35.7
Rowan	35.6
Webster	35.3
Jessamine	34.1
Woodford	33.7
Bath	32.0
Edmonson	30.6
Scott	28.8
Fulton	28.7
Magoffin	28.2
Caldwell	26.9
Ballard	21.7
Lewis	17.2
Crittenden	16.2

Current Overall Incidence Rate
57.94 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.