

KY COVID-19 Report 17DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	234,021	190,277	43,744
Deaths	2,316	2,183	133
New Cases	3,349	2,521	828
New Cases 18 and Under	372	261	111
New Deaths	54	50	4

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
9,139	3.9%	0-9	0.0%	1
24,228	10.4%	10-19	0.0%	1
43,503	18.6%	20-29	0.0%	1
35,311	15.1%	30-39	0.7%	17
34,647	14.8%	40-49	1.8%	41
33,384	14.3%	50-59	5.7%	133
26,101	11.2%	60-69	16.4%	380
16,242	6.9%	70-79	26.3%	608
11,334	4.8%	80+	49.0%	1,134
132	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
473	0.3%	American Indian	0.0%	1
2,258	1.3%	Asian	0.8%	17
16,797	9.6%	Black	10.1%	216
167	0.1%	Pacific Islander	0.0%	1
146,911	83.6%	White	86.4%	1,848
9,024	5.1%	Multiracial	2.6%	56

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,882	5.9%	Hispanic	2.4%	50
157,698	94.1%	Non-Hispanic	97.6%	2,000

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 75.0% of cases and 92.4% of deaths
 Ethnicity known for 71.6% of cases and 88.5% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	30,475	13.0%
Deaths	1,651	71.3%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
11,593	137,152	8.45%

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
3,207,769	2,968,844	99,173	139,752	188,592	168,429	6,194	13,969

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	12,129	5.18%
Ever ICU	2,830	1.21%
Recovered	33,666	14.39%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,817
ICU	431
On Ventilator	254

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,540	4,438	65.8%
ICU Beds	1,248	442	73.8%
Ventilators	648	1,123	36.6%

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	102	22	12	14.4%	21.6%	12.6%	66.53%	72.55%	29.47%
Region 2	109	28	12	13.4%	30.4%	14.8%	53.26%	78.26%	32.10%
Region 3	572	128	81	15.0%	26.7%	18.5%	66.72%	73.07%	37.07%
Region 4	101	31	18	12.4%	31.6%	16.5%	62.53%	88.78%	28.44%
Region 5	313	86	49	11.5%	21.9%	9.4%	68.32%	75.26%	39.69%
Region 6	168	39	21	13.4%	22.3%	18.9%	75.91%	52.57%	67.57%
Region 7	191	21	19	30.5%	32.8%	16.0%	82.62%	79.69%	18.49%
Region 8	144	38	25	12.0%	27.9%	17.4%	55.64%	82.35%	40.28%
Region 9	76	17	9	12.0%	16.0%	9.3%	58.48%	66.04%	23.71%
Region 10	41	21	8	10.6%	45.7%	13.6%	54.26%	97.83%	28.81%

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	46,109	19.7%
Fayette	21,304	9.1%
Warren	8,899	3.8%
Kenton	7,398	3.2%
Boone	6,534	2.8%
Hardin	5,409	2.3%
Madison	5,206	2.2%
Daviess	4,920	2.1%
Campbell	3,896	1.7%
McCracken	3,881	1.7%
Bullitt	3,704	1.6%
Christian	3,650	1.6%
Oldham	3,250	1.4%
Laurel	3,127	1.3%
Pulaski	2,941	1.3%
Shelby	2,707	1.2%
Boyd	2,671	1.1%
Nelson	2,598	1.1%
Henderson	2,568	1.1%
Pike	2,425	1.0%
Jessamine	2,379	1.0%
Barren	2,338	1.0%
Hopkins	2,323	1.0%
Graves	2,300	1.0%
Whitley	2,285	1.0%
Scott	2,218	0.9%
Calloway	2,105	0.9%
Greenup	1,924	0.8%
Franklin	1,887	0.8%
Muhlenberg	1,702	0.7%

County	Cases	Percent
Boyle	1,609	0.7%
Floyd	1,603	0.7%
Bell	1,586	0.7%
Knox	1,523	0.7%
Logan	1,509	0.6%
Taylor	1,501	0.6%
Perry	1,415	0.6%
Marion	1,399	0.6%
Ohio	1,344	0.6%
Harlan	1,324	0.6%
Clay	1,294	0.6%
Marshall	1,275	0.5%
Clark	1,266	0.5%
Montgomery	1,237	0.5%
Lincoln	1,207	0.5%
Grayson	1,150	0.5%
Mercer	1,141	0.5%
Hart	1,128	0.5%
Woodford	1,118	0.5%
Carter	1,096	0.5%
Adair	1,086	0.5%
Rowan	1,060	0.5%
Grant	1,039	0.4%
Simpson	1,029	0.4%
Johnson	1,016	0.4%
Lee	1,012	0.4%
Allen	967	0.4%
Meade	961	0.4%
Wayne	946	0.4%
Russell	914	0.4%

County	Cases	Percent
Spencer	901	0.4%
Monroe	865	0.4%
Union	850	0.4%
Garrard	839	0.4%
Caldwell	822	0.4%
McCreary	807	0.3%
Mason	789	0.3%
Letcher	787	0.3%
Washington	781	0.3%
Anderson	778	0.3%
Jackson	767	0.3%
Bourbon	737	0.3%
Rockcastle	736	0.3%
Elliott	735	0.3%
Larue	733	0.3%
Casey	722	0.3%
Butler	706	0.3%
Henry	696	0.3%
Knott	672	0.3%
Magoffin	670	0.3%
Webster	664	0.3%
Lewis	653	0.3%
Green	648	0.3%
Clinton	641	0.3%
Harrison	631	0.3%
Powell	613	0.3%
Lawrence	592	0.3%
Estill	587	0.3%
Martin	586	0.3%
Fleming	578	0.2%

County	Cases	Percent
Todd	567	0.2%
Breckinridge	555	0.2%
Trigg	554	0.2%
Metcalfe	545	0.2%
Pendleton	543	0.2%
McLean	495	0.2%
Breathitt	492	0.2%
Edmonson	489	0.2%
Carroll	474	0.2%
Morgan	450	0.2%
Livingston	426	0.2%
Gallatin	402	0.2%
Bath	401	0.2%
Leslie	395	0.2%
Hancock	376	0.2%
Cumberland	343	0.1%
Trimble	337	0.1%
Fulton	336	0.1%
Owen	332	0.1%
Crittenden	311	0.1%
Lyon	268	0.1%
Owsley	266	0.1%
Carlisle	265	0.1%
Wolfe	265	0.1%
Bracken	236	0.1%
Nicholas	217	0.1%
Hickman	213	0.1%
Ballard	203	0.1%
Menifee	153	0.1%
Robertson	112	0.0%

Total Cases
234,021

New Cases by County

County	Cases	Percent
Jefferson	475	14.2%
Kenton	178	5.3%
Boone	171	5.1%
Fayette	126	3.8%
Campbell	119	3.6%
Pulaski	106	3.2%
Hardin	103	3.1%
Daviess	94	2.8%
Madison	86	2.6%
Warren	80	2.4%
Wayne	70	2.1%
Laurel	57	1.7%
McCracken	57	1.7%
Shelby	57	1.7%
Pike	56	1.7%
Oldham	48	1.4%
McCreary	44	1.3%
Russell	38	1.1%
Taylor	37	1.1%
Jessamine	34	1.0%
Perry	34	1.0%
Bell	33	1.0%
Christian	32	1.0%
Letcher	32	1.0%
Nelson	32	1.0%
Bullitt	31	0.9%
Lincoln	31	0.9%
Anderson	30	0.9%
Allen	28	0.8%
Graves	28	0.8%

County	Cases	Percent
Henderson	28	0.8%
Marion	28	0.8%
Marshall	28	0.8%
Rowan	28	0.8%
Mercer	27	0.8%
Boyle	26	0.8%
Clinton	24	0.7%
Grant	24	0.7%
Montgomery	24	0.7%
Logan	23	0.7%
Ohio	23	0.7%
Floyd	22	0.7%
Adair	21	0.6%
Scott	21	0.6%
Spencer	21	0.6%
Calloway	20	0.6%
Fleming	20	0.6%
Mason	20	0.6%
Boyd	19	0.6%
Carter	19	0.6%
Casey	19	0.6%
Trigg	19	0.6%
Franklin	18	0.5%
Meade	18	0.5%
Muhlenberg	18	0.5%
Woodford	17	0.5%
Martin	16	0.5%
Whitley	16	0.5%
Knox	15	0.4%
Clark	14	0.4%

County	Cases	Percent
Garrard	14	0.4%
Hopkins	14	0.4%
Barren	13	0.4%
Harlan	13	0.4%
Simpson	13	0.4%
Washington	13	0.4%
Clay	12	0.4%
Lawrence	12	0.4%
Pendleton	12	0.4%
Knott	11	0.3%
Carroll	10	0.3%
Monroe	10	0.3%
Harrison	9	0.3%
Larue	9	0.3%
Lee	9	0.3%
Morgan	9	0.3%
Rockcastle	9	0.3%
Todd	9	0.3%
Bath	8	0.2%
Greenup	8	0.2%
Cumberland	7	0.2%
Jackson	7	0.2%
Lyon	7	0.2%
Owen	7	0.2%
Bourbon	6	0.2%
Hart	6	0.2%
Henry	6	0.2%
Johnson	6	0.2%
McLean	6	0.2%
Trimble	6	0.2%

County	Cases	Percent
Butler	5	0.1%
Gallatin	5	0.1%
Green	5	0.1%
Nicholas	5	0.1%
Union	5	0.1%
Wolfe	5	0.1%
Breathitt	4	0.1%
Carlisle	4	0.1%
Edmonson	4	0.1%
Estill	4	0.1%
Hancock	4	0.1%
Leslie	4	0.1%
Breckinridge	3	0.1%
Fulton	3	0.1%
Grayson	3	0.1%
Powell	3	0.1%
Webster	3	0.1%
Bracken	2	0.1%
Caldwell	2	0.1%
Elliott	2	0.1%
Lewis	2	0.1%
Livingston	2	0.1%
Owsley	2	0.1%
Ballard	1	0.0%
Hickman	1	0.0%
Magoffin	1	0.0%
Metcalfe	1	0.0%
Crittenden	0	0.0%
Menifee	0	0.0%
Robertson	0	0.0%

Total New Cases
3,349

Total Deaths by County

County	Deaths	Percent
Jefferson	495	21.4%
Fayette	131	5.7%
Warren	83	3.6%
Kenton	64	2.8%
Hopkins	63	2.7%
Daviess	61	2.6%
Oldham	47	2.0%
Christian	46	2.0%
Graves	42	1.8%
Jessamine	41	1.8%
Henderson	40	1.7%
Hardin	38	1.6%
Logan	37	1.6%
Adair	36	1.6%
Boone	35	1.5%
Barren	34	1.5%
McCracken	34	1.5%
Pike	30	1.3%
Boyd	29	1.3%
Bullitt	27	1.2%
Grayson	27	1.2%
Shelby	27	1.2%
Madison	25	1.1%
Muhlenberg	24	1.0%
Bell	22	0.9%
Campbell	22	0.9%
Lewis	22	0.9%
Ohio	22	0.9%
Pulaski	22	0.9%
Scott	22	0.9%

County	Deaths	Percent
Lincoln	21	0.9%
Casey	20	0.9%
McLean	20	0.9%
Calloway	19	0.8%
Monroe	19	0.8%
Jackson	18	0.8%
Marshall	18	0.8%
Franklin	17	0.7%
Greenup	17	0.7%
Lee	17	0.7%
Nelson	17	0.7%
Butler	16	0.7%
Harlan	16	0.7%
Marion	16	0.7%
Allen	15	0.6%
Russell	14	0.6%
Todd	14	0.6%
Caldwell	13	0.6%
Clark	13	0.6%
Edmonson	13	0.6%
Clinton	12	0.5%
Johnson	12	0.5%
Laurel	12	0.5%
Montgomery	12	0.5%
Knott	11	0.5%
Perry	11	0.5%
Green	10	0.4%
Knox	10	0.4%
Martin	10	0.4%
Mason	10	0.4%

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

County	Deaths	Percent
Henry	3	0.1%
Hickman	3	0.1%
Nicholas	3	0.1%
Owen	3	0.1%
Spencer	3	0.1%
Ballard	2	0.1%
Bath	2	0.1%
Cumberland	2	0.1%
Larue	2	0.1%
Letcher	2	0.1%
Rowan	2	0.1%
Trigg	2	0.1%
Anderson	1	0.0%
Bourbon	1	0.0%
Carlisle	1	0.0%
Elliott	1	0.0%
Fleming	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
2,316

Incidence Rates by County

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

County	Rate
McCreary	200.6
Wayne	173.5
Mercer	159.6
Clinton	151.0
Russell	137.9
Adair	137.6
Pulaski	134.8
Trimble	133.2
Harlan	119.7
Boyle	113.6
Mason	101.3
Taylor	98.7
Whitley	97.7
Fleming	97.0
Cumberland	92.9
Wolfe	89.8
Spencer	88.6
Marion	86.0
Simpson	85.4
Letcher	84.2
Green	83.6
Washington	81.5
Carter	80.0
Carroll	79.3
Casey	77.8
Gallatin	77.3
Todd	76.7
Anderson	76.0
Allen	74.4
Martin	72.7

County	Rate
Perry	72.7
Daviess	71.6
Madison	71.4
Boyd	69.7
Bell	69.7
Magoffin	69.3
Boone	68.9
Laurel	68.8
Lincoln	68.7
Logan	68.5
Elliott	66.5
Grant	66.1
Monroe	65.7
Caldwell	63.9
Trigg	63.4
Knox	63.3
Clay	63.2
Hopkins	63.0
Metcalfe	62.4
McLean	62.1
Garrard	61.5
Henry	61.1
Robertson	61.0
Hardin	60.8
Carlisle	60.0
Warren	59.8
Floyd	59.0
Owen	59.0
Kenton	58.8
Greenup	58.6

County	Rate
Lawrence	57.8
McCracken	56.6
Rockcastle	56.5
Muhlenberg	56.4
Fayette	55.4
Jefferson	54.7
Meade	54.0
Shelby	53.9
Graves	53.7
Bourbon	53.4
Jackson	52.5
Campbell	52.2
Pike	52.1
Estill	51.6
Union	50.7
Oldham	50.0
Ohio	50.0
Butler	49.9
Jessamine	49.6
Christian	48.7
Rowan	48.5
Harrison	48.4
Nelson	47.9
Leslie	47.7
Larue	47.6
Hart	47.3
Livingston	46.6
Montgomery	45.7
Henderson	45.2
Marshall	45.0

County	Rate
Bracken	44.7
Bullitt	44.4
Powell	43.9
Lyon	43.5
Pendleton	43.1
Breathitt	43.0
Woodford	42.2
Breckinridge	41.9
Lee	40.5
Morgan	39.7
Knott	39.6
Nicholas	39.3
Calloway	38.5
Franklin	38.4
Johnson	38.0
Clark	37.8
Hancock	37.7
Grayson	37.3
Edmonson	36.4
Hickman	35.9
Webster	35.3
Scott	35.1
Barren	29.7
Crittenden	29.2
Fulton	28.7
Owsley	25.9
Bath	25.1
Ballard	19.9
Menifee	19.8
Lewis	18.3

Current Overall Incidence Rate
61.48 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.