

KY COVID-19 Report 29DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	261,492	210,548	50,944
Deaths	2,594	2,424	170
New Cases	2,990	1,944	1,046
New Cases 18 and Under	307	179	128
New Deaths	31	26	5

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
10,209	3.9%	0-9	0.0%	1
26,532	10.1%	10-19	0.0%	1
48,122	18.4%	20-29	0.0%	1
39,653	15.2%	30-39	0.7%	18
38,933	14.9%	40-49	1.7%	43
37,521	14.3%	50-59	5.9%	153
29,418	11.3%	60-69	16.5%	427
18,219	7.0%	70-79	26.2%	680
12,732	4.9%	80+	49.0%	1,270
153	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
528	0.3%	American Indian	0.1%	2
2,494	1.3%	Asian	0.7%	17
18,424	9.5%	Black	9.7%	232
173	0.1%	Pacific Islander	0.0%	1
162,935	83.8%	White	86.8%	2,069
9,989	5.1%	Multiracial	2.6%	63

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,897	5.3%	Hispanic	2.2%	51
177,873	94.7%	Non-Hispanic	97.8%	2,236

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 74.4% of cases and 91.9% of deaths
Ethnicity known for 71.8% of cases and 88.2% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	35,375	13.5%
Deaths	1,875	72.3%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
7,922	94,189	8.41%

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
3,392,215	3,128,180	101,636	162,399	204,012	180,583	6,818	16,611

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	13,224	5.06%
Ever ICU	2,998	1.15%
Recovered	36,124	13.81%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,635
ICU	380
On Ventilator	211

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,074	5,183	60.9%
ICU Beds	1,145	658	63.5%
Ventilators	616	1,178	34.3%

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	95	27	17	12.0%	26.5%	16.3%	53.41%	63.73%	20.19%
Region 2	110	32	17	13.3%	26.2%	20.7%	50.61%	38.52%	41.46%
Region 3	503	105	63	13.2%	20.2%	14.4%	58.85%	61.61%	37.07%
Region 4	76	6	11	8.9%	5.6%	10.1%	46.48%	80.56%	27.52%
Region 5	266	67	40	9.7%	16.1%	7.6%	66.50%	64.90%	37.86%
Region 6	162	34	12	12.9%	19.4%	10.8%	72.42%	47.43%	53.15%
Region 7	109	18	4	17.4%	28.1%	3.3%	58.69%	73.44%	9.09%
Region 8	156	45	29	13.0%	33.1%	20.0%	58.81%	80.88%	44.83%
Region 9	111	27	10	16.7%	23.7%	10.2%	71.17%	62.28%	18.37%
Region 10	47	19	8	9.9%	42.2%	12.5%	64.56%	97.78%	28.13%

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 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

Total Cases by County

County	Cases	Percent
Jefferson	50,287	19.2%
Fayette	22,804	8.7%
Warren	10,013	3.8%
Kenton	8,608	3.3%
Boone	7,427	2.8%
Hardin	5,811	2.2%
Madison	5,673	2.2%
Daviess	5,655	2.2%
Campbell	4,465	1.7%
McCracken	4,225	1.6%
Christian	4,160	1.6%
Bullitt	4,077	1.6%
Oldham	3,666	1.4%
Pulaski	3,596	1.4%
Laurel	3,558	1.4%
Shelby	2,964	1.1%
Boyd	2,948	1.1%
Henderson	2,914	1.1%
Pike	2,846	1.1%
Nelson	2,824	1.1%
Whitley	2,676	1.0%
Graves	2,600	1.0%
Hopkins	2,573	1.0%
Jessamine	2,570	1.0%
Barren	2,522	1.0%
Scott	2,431	0.9%
Calloway	2,319	0.9%
Greenup	2,217	0.8%
Franklin	2,103	0.8%
Boyle	2,076	0.8%

County	Cases	Percent
Muhlenberg	1,891	0.7%
Floyd	1,785	0.7%
Bell	1,747	0.7%
Knox	1,735	0.7%
Taylor	1,693	0.6%
Logan	1,679	0.6%
Clay	1,564	0.6%
Perry	1,533	0.6%
Marshall	1,525	0.6%
Harlan	1,505	0.6%
Marion	1,502	0.6%
Ohio	1,459	0.6%
Clark	1,427	0.5%
Lincoln	1,419	0.5%
Mercer	1,353	0.5%
Montgomery	1,350	0.5%
Carter	1,330	0.5%
Wayne	1,285	0.5%
Grayson	1,274	0.5%
Woodford	1,229	0.5%
Grant	1,226	0.5%
Hart	1,221	0.5%
Rowan	1,196	0.5%
Adair	1,194	0.5%
Simpson	1,169	0.4%
Allen	1,127	0.4%
Meade	1,109	0.4%
Johnson	1,100	0.4%
Russell	1,087	0.4%
McCreary	1,077	0.4%

County	Cases	Percent
Lee	1,041	0.4%
Letcher	1,025	0.4%
Spencer	974	0.4%
Anderson	946	0.4%
Union	943	0.4%
Monroe	930	0.4%
Garrard	929	0.4%
Mason	894	0.3%
Bourbon	876	0.3%
Caldwell	866	0.3%
Washington	860	0.3%
Jackson	834	0.3%
Rockcastle	825	0.3%
Casey	822	0.3%
Clinton	812	0.3%
Larue	805	0.3%
Henry	800	0.3%
Elliott	783	0.3%
Butler	771	0.3%
Lewis	763	0.3%
Green	741	0.3%
Lawrence	731	0.3%
Knott	726	0.3%
Webster	726	0.3%
Harrison	720	0.3%
Magoffin	700	0.3%
Powell	688	0.3%
Fleming	679	0.3%
Todd	667	0.3%
Estill	661	0.3%

County	Cases	Percent
Trigg	653	0.2%
Martin	651	0.2%
Breckinridge	630	0.2%
Pendleton	604	0.2%
Metcalfe	587	0.2%
Breathitt	583	0.2%
McLean	540	0.2%
Edmonson	532	0.2%
Carroll	517	0.2%
Morgan	514	0.2%
Bath	504	0.2%
Livingston	486	0.2%
Leslie	465	0.2%
Hancock	433	0.2%
Owen	424	0.2%
Gallatin	423	0.2%
Cumberland	387	0.1%
Trimble	369	0.1%
Fulton	359	0.1%
Crittenden	334	0.1%
Carlisle	319	0.1%
Lyon	319	0.1%
Owsley	303	0.1%
Wolfe	300	0.1%
Bracken	272	0.1%
Nicholas	250	0.1%
Ballard	231	0.1%
Hickman	223	0.1%
Menifee	206	0.1%
Robertson	136	0.1%

Total Cases
261,492

New Cases by County

County	Cases	Percent
Jefferson	414	13.8%
Warren	207	6.9%
Kenton	118	3.9%
Hardin	92	3.1%
Boone	87	2.9%
Fayette	84	2.8%
Laurel	76	2.5%
Oldham	76	2.5%
Pike	73	2.4%
Campbell	71	2.4%
Christian	71	2.4%
Daviess	67	2.2%
Nelson	66	2.2%
Boyle	56	1.9%
Whitley	52	1.7%
Knox	42	1.4%
Lawrence	41	1.4%
Pulaski	41	1.4%
Boyd	38	1.3%
Bullitt	36	1.2%
Jessamine	36	1.2%
Madison	36	1.2%
Clay	34	1.1%
Graves	34	1.1%
Greenup	34	1.1%
Hopkins	33	1.1%
Wayne	32	1.1%
Logan	30	1.0%
Rowan	28	0.9%
Floyd	27	0.9%

County	Cases	Percent
Allen	26	0.9%
Anderson	26	0.9%
Barren	26	0.9%
McCracken	26	0.9%
Mason	26	0.9%
Shelby	26	0.9%
Clinton	25	0.8%
Bourbon	21	0.7%
Muhlenberg	21	0.7%
Scott	21	0.7%
Simpson	21	0.7%
McCreary	20	0.7%
Ohio	20	0.7%
Perry	20	0.7%
Marion	18	0.6%
Bell	17	0.6%
Franklin	17	0.6%
Lewis	17	0.6%
Marshall	17	0.6%
Woodford	16	0.5%
Henderson	15	0.5%
Monroe	15	0.5%
Grant	14	0.5%
Grayson	14	0.5%
Montgomery	14	0.5%
Todd	14	0.5%
Taylor	13	0.4%
Mercer	12	0.4%
Pendleton	12	0.4%
Rockcastle	12	0.4%

County	Cases	Percent
Garrard	11	0.4%
Hancock	11	0.4%
Jackson	11	0.4%
Breathitt	10	0.3%
Fleming	10	0.3%
Martin	10	0.3%
Metcalfe	10	0.3%
Harrison	9	0.3%
Henry	9	0.3%
Washington	9	0.3%
Leslie	8	0.3%
Letcher	8	0.3%
Butler	7	0.2%
Carroll	7	0.2%
Edmonson	7	0.2%
Hart	7	0.2%
Lincoln	7	0.2%
Powell	7	0.2%
Russell	7	0.2%
Spencer	7	0.2%
Trigg	7	0.2%
Adair	6	0.2%
Bath	6	0.2%
Elliott	6	0.2%
Gallatin	6	0.2%
Harlan	6	0.2%
Larue	6	0.2%
Meade	6	0.2%
Morgan	6	0.2%
Estill	5	0.2%

County	Cases	Percent
Johnson	5	0.2%
Knott	5	0.2%
Owen	5	0.2%
Breckinridge	4	0.1%
Fulton	4	0.1%
Trimble	4	0.1%
Webster	4	0.1%
Carlisle	3	0.1%
Carter	3	0.1%
Cumberland	3	0.1%
McLean	3	0.1%
Robertson	3	0.1%
Wolfe	3	0.1%
Ballard	2	0.1%
Calloway	2	0.1%
Casey	2	0.1%
Clark	2	0.1%
Lee	2	0.1%
Magoffin	2	0.1%
Union	2	0.1%
Menifee	1	0.0%
Bracken	0	0.0%
Caldwell	0	0.0%
Crittenden	0	0.0%
Green	0	0.0%
Hickman	0	0.0%
Livingston	0	0.0%
Lyon	0	0.0%
Nicholas	0	0.0%
Owsley	0	0.0%

Total New Cases
2,990

Total Deaths by County

County	Deaths	Percent
Jefferson	525	20.2%
Fayette	137	5.3%
Warren	84	3.2%
Hopkins	78	3.0%
Daviess	74	2.9%
Kenton	65	2.5%
Christian	51	2.0%
Oldham	48	1.9%
Graves	47	1.8%
Jessamine	46	1.8%
Henderson	45	1.7%
Hardin	42	1.6%
McCracken	41	1.6%
Adair	39	1.5%
Logan	39	1.5%
Boone	36	1.4%
Madison	36	1.4%
Barren	35	1.3%
Pike	33	1.3%
Pulaski	33	1.3%
Grayson	32	1.2%
Boyd	31	1.2%
Bullitt	30	1.2%
Muhlenberg	28	1.1%
Shelby	28	1.1%
Ohio	26	1.0%
Bell	25	1.0%
Calloway	25	1.0%
Monroe	25	1.0%
Campbell	23	0.9%

County	Deaths	Percent
Casey	23	0.9%
Lincoln	23	0.9%
Russell	23	0.9%
Scott	23	0.9%
Lewis	22	0.8%
McLean	20	0.8%
Marion	20	0.8%
Marshall	20	0.8%
Franklin	19	0.7%
Greenup	19	0.7%
Jackson	19	0.7%
Harlan	18	0.7%
Lee	18	0.7%
Allen	17	0.7%
Nelson	17	0.7%
Butler	16	0.6%
Mason	16	0.6%
Taylor	16	0.6%
Todd	16	0.6%
Caldwell	15	0.6%
Clark	15	0.6%
Clinton	15	0.6%
Johnson	14	0.5%
Knott	14	0.5%
Laurel	14	0.5%
Perry	14	0.5%
Edmonson	13	0.5%
Montgomery	12	0.5%
Webster	12	0.5%
Floyd	11	0.4%

County	Deaths	Percent
Hancock	11	0.4%
Green	10	0.4%
Knox	10	0.4%
Martin	10	0.4%
Owsley	10	0.4%
Simpson	10	0.4%
Gallatin	9	0.3%
Hart	9	0.3%
Union	9	0.3%
Washington	9	0.3%
Whitley	9	0.3%
Clay	8	0.3%
Rockcastle	8	0.3%
Wayne	8	0.3%
Metcalfe	7	0.3%
Carroll	6	0.2%
Carter	6	0.2%
Grant	6	0.2%
Mercer	6	0.2%
Owen	6	0.2%
Bath	5	0.2%
Breckinridge	5	0.2%
Hickman	5	0.2%
Livingston	5	0.2%
Lyon	5	0.2%
Robertson	5	0.2%
Spencer	5	0.2%
Cumberland	4	0.2%
Fulton	4	0.2%
Garrard	4	0.2%

County	Deaths	Percent
Henry	4	0.2%
Larue	4	0.2%
Lawrence	4	0.2%
Letcher	4	0.2%
Meade	4	0.2%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Nicholas	3	0.1%
Rowan	3	0.1%
Trigg	3	0.1%
Wolfe	3	0.1%
Anderson	2	0.1%
Ballard	2	0.1%
Boyle	2	0.1%
Fleming	2	0.1%
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%
Woodford	1	0.0%
Estill	0	0.0%
Morgan	0	0.0%
Powell	0	0.0%
Trimble	0	0.0%

Total Deaths
2,594

Incidence Rates by County

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

County	Rate
Boyle	163.5
Wayne	109.6
Clinton	109.1
Carlisle	108.0
Clay	94.8
Lawrence	93.3
Robertson	74.5
Mercer	71.6
Fleming	71.5
Letcher	70.9
Graves	70.9
McCreary	70.5
Greenup	64.7
Anderson	64.1
Harlan	63.2
Warren	62.0
Knox	60.1
Laurel	59.4
Whitley	58.7
Owsley	58.2
Allen	57.0
Henderson	56.2
Breathitt	55.4
Daviess	54.9
Hancock	54.1
Pike	51.8
Pulaski	51.7
Marshall	51.0
Simpson	50.8
Menifee	50.6

County	Rate
Christian	50.5
Boyd	48.9
Todd	48.8
Bourbon	48.4
Elliott	47.5
Muhlenberg	46.2
Calloway	45.4
Floyd	45.4
McLean	45.0
Taylor	44.9
Washington	44.9
Henry	44.3
Nelson	43.9
Marion	43.7
Union	43.7
Oldham	43.6
Kenton	42.9
Monroe	42.9
Carter	42.6
Bell	42.3
Martin	42.1
Leslie	41.9
Logan	41.6
Hopkins	41.6
Grayson	40.0
Boone	40.0
Webster	39.7
Jackson	39.7
Shelby	39.6
Cumberland	38.9

County	Rate
Perry	38.8
Lincoln	38.4
Powell	37.0
Mason	36.8
Jefferson	36.7
Hardin	36.6
Bullitt	35.9
Ohio	35.7
Rowan	35.6
Nicholas	35.4
Campbell	35.0
McCracken	34.9
Wolfe	33.9
Fayette	33.2
Lee	32.8
Butler	32.2
Russell	31.9
Garrard	31.5
Grant	31.3
Metcalfe	31.2
Livingston	31.1
Estill	30.4
Madison	30.1
Rockcastle	29.1
Woodford	28.9
Green	28.7
Fulton	28.7
Bath	28.6
Trigg	28.3
Carroll	28.2

County	Rate
Trimble	27.0
Spencer	26.6
Casey	26.5
Pendleton	26.4
Jessamine	26.4
Barren	26.2
Meade	26.0
Edmonson	25.9
Franklin	25.8
Gallatin	25.8
Johnson	25.8
Clark	25.6
Harrison	25.0
Larue	24.8
Morgan	24.7
Lyon	24.4
Owen	23.6
Scott	21.1
Knott	20.3
Ballard	19.9
Bracken	18.9
Adair	18.6
Caldwell	17.9
Montgomery	17.8
Hart	15.8
Breckinridge	13.3
Magoffin	12.9
Lewis	12.9
Crittenden	8.1
Hickman	3.3

Current Overall Incidence Rate
41.69 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.