

KY COVID-19 Report 21DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	244,297	197,968	46,329
Deaths	2,412	2,266	146
New Cases	1,988	1,662	326
New Cases 18 and Under	241	199	42
New Deaths	15	12	3

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
9,541	3.9%	0-9	0.0%	1
25,136	10.3%	10-19	0.0%	1
45,169	18.5%	20-29	0.0%	1
36,903	15.1%	30-39	0.7%	17
36,266	14.8%	40-49	1.7%	42
34,964	14.3%	50-59	5.9%	142
27,358	11.2%	60-69	16.3%	394
16,977	6.9%	70-79	26.3%	634
11,849	4.9%	80+	48.9%	1,180
134	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
502	0.3%	American Indian	0.1%	2
2,345	1.3%	Asian	0.8%	17
17,427	9.6%	Black	10.1%	224
169	0.1%	Pacific Islander	0.0%	1
152,475	83.6%	White	86.4%	1,920
9,448	5.2%	Multiracial	2.6%	58

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,882	5.6%	Hispanic	2.4%	51
165,678	94.4%	Non-Hispanic	97.6%	2,076

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 74.6% of cases and 92.1% of deaths
 Ethnicity known for 71.9% of cases and 88.2% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	32,245	13.2%
Deaths	1,727	71.6%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
10,751	124,442	8.64%

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
3,276,375	3,028,904	100,198	147,273	194,352	173,222	6,433	14,697

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	12,515	5.12%
Ever ICU	2,900	1.19%
Recovered	34,704	14.21%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,580
ICU	411
On Ventilator	231

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,232	4,746	63.4%
ICU Beds	1,167	523	69.1%
Ventilators	610	1,167	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	93	29	13	13.1%	28.4%	12.6%	75.85%	68.63%	19.42%
Region 2	106	25	11	13.0%	27.2%	13.4%	51.91%	50.00%	34.15%
Region 3	485	116	78	12.7%	24.2%	17.8%	59.73%	70.15%	34.78%
Region 4	102	28	21	12.5%	28.6%	19.3%	55.41%	80.61%	28.44%
Region 5	283	74	47	10.4%	18.9%	9.1%	71.33%	72.96%	39.69%
Region 6	150	38	18	11.9%	21.7%	16.4%	69.16%	49.71%	59.09%
Region 7	86	18	9	13.7%	28.1%	7.6%	75.76%	79.69%	14.41%
Region 8	136	43	21	11.4%	31.6%	14.6%	55.05%	76.47%	38.89%
Region 9	90	21	8	14.3%	19.8%	8.2%	61.17%	64.15%	21.65%
Region 10	49	19	5	12.7%	41.3%	8.6%	53.75%	86.96%	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	47,617	19.5%
Fayette	21,891	9.0%
Warren	9,287	3.8%
Kenton	7,909	3.2%
Boone	6,925	2.8%
Hardin	5,509	2.3%
Madison	5,330	2.2%
Daviess	5,177	2.1%
Campbell	4,170	1.7%
McCracken	4,009	1.6%
Bullitt	3,823	1.6%
Christian	3,792	1.6%
Oldham	3,396	1.4%
Pulaski	3,331	1.4%
Laurel	3,223	1.3%
Shelby	2,813	1.2%
Boyd	2,768	1.1%
Henderson	2,689	1.1%
Nelson	2,660	1.1%
Pike	2,555	1.0%
Whitley	2,455	1.0%
Jessamine	2,434	1.0%
Hopkins	2,407	1.0%
Barren	2,401	1.0%
Graves	2,390	1.0%
Scott	2,287	0.9%
Calloway	2,177	0.9%
Greenup	2,048	0.8%
Franklin	1,982	0.8%
Muhlenberg	1,762	0.7%

County	Cases	Percent
Boyle	1,696	0.7%
Bell	1,659	0.7%
Floyd	1,658	0.7%
Knox	1,589	0.7%
Taylor	1,583	0.6%
Logan	1,562	0.6%
Perry	1,450	0.6%
Marion	1,436	0.6%
Clay	1,378	0.6%
Ohio	1,374	0.6%
Harlan	1,366	0.6%
Marshall	1,352	0.6%
Clark	1,334	0.5%
Montgomery	1,281	0.5%
Lincoln	1,246	0.5%
Carter	1,223	0.5%
Mercer	1,216	0.5%
Grayson	1,184	0.5%
Woodford	1,165	0.5%
Adair	1,161	0.5%
Hart	1,159	0.5%
Grant	1,115	0.5%
Rowan	1,106	0.5%
Wayne	1,081	0.4%
Simpson	1,068	0.4%
Johnson	1,041	0.4%
Meade	1,040	0.4%
Russell	1,030	0.4%
Lee	1,019	0.4%
Allen	1,012	0.4%

County	Cases	Percent
McCreary	956	0.4%
Spencer	937	0.4%
Letcher	902	0.4%
Union	890	0.4%
Monroe	881	0.4%
Garrard	880	0.4%
Caldwell	843	0.3%
Anderson	824	0.3%
Mason	822	0.3%
Washington	809	0.3%
Bourbon	795	0.3%
Jackson	783	0.3%
Larue	783	0.3%
Casey	779	0.3%
Rockcastle	761	0.3%
Elliott	754	0.3%
Henry	748	0.3%
Butler	731	0.3%
Clinton	712	0.3%
Green	706	0.3%
Knott	700	0.3%
Lewis	690	0.3%
Webster	686	0.3%
Magoffin	683	0.3%
Harrison	667	0.3%
Powell	650	0.3%
Lawrence	623	0.3%
Estill	614	0.3%
Martin	609	0.2%
Todd	609	0.2%

County	Cases	Percent
Trigg	602	0.2%
Fleming	591	0.2%
Breckinridge	587	0.2%
Pendleton	569	0.2%
Metcalf	556	0.2%
Breathitt	518	0.2%
Carroll	517	0.2%
McLean	508	0.2%
Edmonson	501	0.2%
Morgan	483	0.2%
Livingston	458	0.2%
Bath	441	0.2%
Leslie	428	0.2%
Gallatin	415	0.2%
Hancock	393	0.2%
Cumberland	364	0.1%
Owen	352	0.1%
Trimble	351	0.1%
Fulton	346	0.1%
Crittenden	322	0.1%
Lyon	292	0.1%
Owsley	287	0.1%
Carlisle	280	0.1%
Wolfe	277	0.1%
Bracken	256	0.1%
Nicholas	231	0.1%
Hickman	220	0.1%
Ballard	217	0.1%
Menifee	181	0.1%
Robertson	125	0.1%

Total Cases
244,297

New Cases by County

County	Cases	Percent
Jefferson	376	18.9%
Fayette	97	4.9%
Kenton	92	4.6%
Boone	80	4.0%
Pulaski	74	3.7%
Warren	72	3.6%
McCreary	69	3.5%
Campbell	60	3.0%
Shelby	54	2.7%
Graves	42	2.1%
Letcher	42	2.1%
Madison	37	1.9%
Clay	31	1.6%
Knox	29	1.5%
Rowan	28	1.4%
Boyd	25	1.3%
Christian	25	1.3%
McCracken	25	1.3%
Boyle	24	1.2%
Breckinridge	24	1.2%
Franklin	24	1.2%
Bullitt	22	1.1%
Daviess	22	1.1%
Greenup	22	1.1%
Mercer	22	1.1%
Henderson	20	1.0%
Calloway	19	1.0%
Oldham	19	1.0%
Laurel	16	0.8%
Green	15	0.8%

County	Cases	Percent
Leslie	15	0.8%
Marshall	15	0.8%
Pike	15	0.8%
Scott	13	0.7%
Bourbon	12	0.6%
Carter	12	0.6%
Knott	12	0.6%
Hopkins	11	0.6%
Livingston	11	0.6%
Muhlenberg	11	0.6%
Perry	10	0.5%
Powell	10	0.5%
Whitley	10	0.5%
Anderson	9	0.5%
Bell	9	0.5%
Estill	9	0.5%
Harrison	9	0.5%
Logan	9	0.5%
Trigg	9	0.5%
Woodford	9	0.5%
Barren	8	0.4%
Grant	8	0.4%
Lyon	8	0.4%
Todd	8	0.4%
Garrard	7	0.4%
Harlan	7	0.4%
Montgomery	7	0.4%
Russell	7	0.4%
Simpson	7	0.4%
Union	7	0.4%

County	Cases	Percent
Webster	7	0.4%
Caldwell	6	0.3%
Casey	6	0.3%
Clark	6	0.3%
Clinton	6	0.3%
Grayson	6	0.3%
Menifee	6	0.3%
Wayne	6	0.3%
Allen	5	0.3%
Fulton	5	0.3%
Hardin	5	0.3%
Lawrence	5	0.3%
Lewis	5	0.3%
Owsley	5	0.3%
Pendleton	5	0.3%
Taylor	5	0.3%
Breathitt	4	0.2%
Elliott	4	0.2%
Henry	4	0.2%
Jackson	4	0.2%
Mason	4	0.2%
Nelson	4	0.2%
Owen	4	0.2%
Spencer	4	0.2%
Wolfe	4	0.2%
Bath	3	0.2%
Carroll	3	0.2%
Crittenden	3	0.2%
Edmonson	3	0.2%
Fleming	3	0.2%

County	Cases	Percent
Floyd	3	0.2%
Hart	3	0.2%
Jessamine	3	0.2%
Lee	3	0.2%
McLean	3	0.2%
Morgan	3	0.2%
Rockcastle	3	0.2%
Trimble	3	0.2%
Carlisle	2	0.1%
Hickman	2	0.1%
Johnson	2	0.1%
Marion	2	0.1%
Martin	2	0.1%
Monroe	2	0.1%
Ohio	2	0.1%
Ballard	1	0.1%
Butler	1	0.1%
Cumberland	1	0.1%
Gallatin	1	0.1%
Hancock	1	0.1%
Lincoln	1	0.1%
Meade	1	0.1%
Metcalfe	1	0.1%
Washington	1	0.1%
Adair	0	0.0%
Bracken	0	0.0%
Larue	0	0.0%
Magoffin	0	0.0%
Nicholas	0	0.0%
Robertson	0	0.0%

Total New Cases
1,988

Total Deaths by County

County	Deaths	Percent
Jefferson	507	21.0%
Fayette	135	5.6%
Warren	83	3.4%
Hopkins	68	2.8%
Daviess	67	2.8%
Kenton	65	2.7%
Christian	49	2.0%
Oldham	48	2.0%
Graves	44	1.8%
Jessamine	42	1.7%
Hardin	41	1.7%
Henderson	40	1.7%
Adair	37	1.5%
Logan	37	1.5%
McCracken	36	1.5%
Boone	35	1.5%
Barren	34	1.4%
Pike	33	1.4%
Boyd	30	1.2%
Bullitt	28	1.2%
Grayson	28	1.2%
Shelby	28	1.2%
Madison	26	1.1%
Muhlenberg	26	1.1%
Ohio	24	1.0%
Bell	23	1.0%
Campbell	22	0.9%
Lewis	22	0.9%
Pulaski	22	0.9%
Scott	22	0.9%

County	Deaths	Percent
Casey	21	0.9%
Lincoln	21	0.9%
Calloway	20	0.8%
McLean	20	0.8%
Marshall	19	0.8%
Monroe	19	0.8%
Russell	19	0.8%
Greenup	18	0.7%
Jackson	18	0.7%
Lee	18	0.7%
Franklin	17	0.7%
Marion	17	0.7%
Nelson	17	0.7%
Butler	16	0.7%
Harlan	16	0.7%
Allen	15	0.6%
Caldwell	15	0.6%
Clark	15	0.6%
Todd	15	0.6%
Johnson	14	0.6%
Clinton	13	0.5%
Edmonson	13	0.5%
Knott	12	0.5%
Laurel	12	0.5%
Mason	12	0.5%
Montgomery	12	0.5%
Hancock	11	0.5%
Perry	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%
Livingston	6	0.2%
Mercer	6	0.2%
Carter	5	0.2%
Hart	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%
Lawrence	4	0.2%
Meade	4	0.2%
Bracken	3	0.1%
Breathitt	3	0.1%

County	Deaths	Percent
Crittenden	3	0.1%
Henry	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%
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
2,412

Incidence Rates by County

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

County	Rate
McCreary	240.4
Clinton	205.5
Wayne	183.4
Russell	152.2
Pulaski	140.9
Green	121.4
Letcher	112.7
Clay	101.9
Cumberland	99.4
Whitley	96.1
Mercer	95.1
Adair	92.3
Carter	91.7
Taylor	88.1
Todd	83.7
Boyle	81.7
Washington	81.5
Robertson	81.3
Daviess	80.8
Carroll	80.6
Owsley	77.7
Casey	73.4
Trigg	73.1
Knox	72.9
Martin	71.5
Boone	71.4
Warren	71.2
Allen	71.0
Greenup	70.4
Bell	68.0

County	Rate
Anderson	67.8
Kenton	67.6
Marion	67.5
Madison	66.7
Laurel	65.5
Union	64.6
Bourbon	64.3
Garrard	63.9
Wolfe	63.9
Grant	62.7
Powell	62.4
Leslie	60.7
Henderson	60.7
Larue	60.5
Henry	60.2
Carlisle	60.0
Simpson	60.0
Logan	58.5
Muhlenberg	57.8
Mason	57.7
Lawrence	56.9
Gallatin	56.4
Graves	56.4
Perry	56.0
Campbell	55.4
Hopkins	55.3
Pike	55.0
Morgan	54.7
Shelby	54.5
Marshall	53.3

County	Rate
Harlan	53.3
Butler	53.2
Menifee	52.8
Trimble	52.3
Pendleton	51.9
Spencer	51.7
Metcalfe	51.1
Lyon	50.5
Boyd	49.2
Christian	48.5
Jefferson	48.3
Monroe	48.3
Jackson	48.2
Livingston	48.2
Oldham	47.5
Hardin	47.0
Rockcastle	46.2
Fayette	46.2
Fleming	46.0
Elliott	45.6
Ohio	44.7
Estill	44.6
Owen	44.6
Meade	44.5
Hart	44.3
Hancock	44.2
Montgomery	44.1
Floyd	43.4
McCracken	43.0
Bracken	43.0

County	Rate
Clark	42.5
Knott	42.5
McLean	41.9
Breathitt	41.9
Lincoln	41.3
Nelson	40.8
Breckinridge	40.5
Bullitt	40.4
Nicholas	39.3
Webster	38.6
Calloway	37.4
Franklin	37.0
Lee	36.7
Edmonson	36.4
Woodford	36.3
Barren	36.2
Hickman	35.9
Rowan	35.6
Jessamine	34.3
Grayson	34.1
Johnson	33.5
Harrison	32.5
Bath	32.0
Fulton	28.7
Scott	27.1
Magoffin	27.0
Caldwell	26.9
Ballard	23.5
Lewis	15.1
Crittenden	14.6

Current Overall Incidence Rate
57.82 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.