

KY COVID-19 Report 28DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	258,517	208,615	49,902
Deaths	2,563	2,398	165
New Cases	1,455	1,018	437
New Cases 18 and Under	147	103	44
New Deaths	8	7	1

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
10,090	3.9%	0-9	0.0%	1
26,298	10.2%	10-19	0.0%	1
47,619	18.4%	20-29	0.0%	1
39,130	15.1%	30-39	0.7%	17
38,469	14.9%	40-49	1.7%	43
37,065	14.3%	50-59	5.9%	150
29,080	11.2%	60-69	16.6%	425
18,036	7.0%	70-79	26.1%	669
12,582	4.9%	80+	49.0%	1,256
148	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
525	0.3%	American Indian	0.1%	2
2,475	1.3%	Asian	0.7%	17
18,249	9.5%	Black	9.8%	231
173	0.1%	Pacific Islander	0.0%	1
160,905	83.7%	White	86.7%	2,040
9,918	5.2%	Multiracial	2.7%	63
Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,896	5.3%	Hispanic	2.3%	51
175,695	94.7%	Non-Hispanic	97.7%	2,207

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 74.4% of cases and 91.8% of deaths
Ethnicity known for 71.8% of cases and 88.1% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	34,580	13.4%
Deaths	1,834	71.6%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
7,445	93,466	7.97%

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
3,385,971	3,124,415	101,548	160,008	203,208	180,115	6,800	16,293

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	13,099	5.07%
Ever ICU	2,984	1.15%
Recovered	35,988	13.92%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,552
ICU	411
On Ventilator	217

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,827	5,430	59.0%
ICU Beds	1,158	645	64.2%
Ventilators	606	1,182	33.9%

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	90	30	16	11.4%	29.4%	16.2%	57.95%	62.75%	25.25%
Region 2	103	30	12	12.5%	24.6%	14.5%	50.12%	37.70%	37.35%
Region 3	459	111	68	12.0%	21.3%	15.6%	53.21%	60.08%	35.93%
Region 4	93	31	15	10.9%	28.7%	13.8%	45.89%	79.63%	27.52%
Region 5	263	66	37	9.6%	15.9%	7.1%	65.77%	68.03%	37.98%
Region 6	149	34	15	11.8%	19.4%	13.5%	70.19%	48.57%	56.76%
Region 7	95	17	5	15.2%	26.6%	4.2%	65.23%	78.13%	8.47%
Region 8	152	48	30	12.7%	35.3%	20.4%	62.07%	84.56%	40.14%
Region 9	102	25	12	15.3%	21.9%	12.2%	68.62%	63.16%	18.37%
Region 10	46	19	7	9.7%	42.2%	11.3%	48.95%	97.78%	22.58%

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	49,891	19.3%
Fayette	22,723	8.8%
Warren	9,804	3.8%
Kenton	8,492	3.3%
Boone	7,343	2.8%
Hardin	5,721	2.2%
Madison	5,638	2.2%
Daviess	5,589	2.2%
Campbell	4,392	1.7%
McCracken	4,197	1.6%
Christian	4,091	1.6%
Bullitt	4,031	1.6%
Oldham	3,585	1.4%
Pulaski	3,554	1.4%
Laurel	3,482	1.3%
Shelby	2,937	1.1%
Boyd	2,910	1.1%
Henderson	2,899	1.1%
Pike	2,772	1.1%
Nelson	2,760	1.1%
Whitley	2,619	1.0%
Graves	2,566	1.0%
Hopkins	2,542	1.0%
Jessamine	2,534	1.0%
Barren	2,496	1.0%
Scott	2,410	0.9%
Calloway	2,316	0.9%
Greenup	2,184	0.8%
Franklin	2,089	0.8%
Boyle	2,021	0.8%

County	Cases	Percent
Muhlenberg	1,870	0.7%
Floyd	1,757	0.7%
Bell	1,730	0.7%
Knox	1,694	0.7%
Taylor	1,681	0.7%
Logan	1,653	0.6%
Clay	1,530	0.6%
Perry	1,515	0.6%
Marshall	1,510	0.6%
Harlan	1,499	0.6%
Marion	1,489	0.6%
Ohio	1,439	0.6%
Clark	1,425	0.6%
Lincoln	1,411	0.5%
Mercer	1,337	0.5%
Montgomery	1,337	0.5%
Carter	1,327	0.5%
Grayson	1,262	0.5%
Wayne	1,254	0.5%
Woodford	1,214	0.5%
Hart	1,213	0.5%
Grant	1,212	0.5%
Adair	1,189	0.5%
Rowan	1,166	0.5%
Simpson	1,148	0.4%
Allen	1,101	0.4%
Meade	1,101	0.4%
Johnson	1,096	0.4%
Russell	1,080	0.4%
McCreary	1,057	0.4%

County	Cases	Percent
Lee	1,039	0.4%
Letcher	1,017	0.4%
Spencer	965	0.4%
Union	941	0.4%
Anderson	923	0.4%
Garrard	916	0.4%
Monroe	916	0.4%
Mason	868	0.3%
Caldwell	865	0.3%
Bourbon	855	0.3%
Washington	850	0.3%
Jackson	823	0.3%
Casey	820	0.3%
Rockcastle	812	0.3%
Larue	800	0.3%
Henry	793	0.3%
Clinton	787	0.3%
Elliott	777	0.3%
Butler	764	0.3%
Lewis	745	0.3%
Green	740	0.3%
Knott	721	0.3%
Webster	721	0.3%
Harrison	712	0.3%
Magoffin	698	0.3%
Lawrence	690	0.3%
Powell	681	0.3%
Fleming	670	0.3%
Estill	656	0.3%
Todd	649	0.3%

County	Cases	Percent
Trigg	646	0.2%
Martin	641	0.2%
Breckinridge	627	0.2%
Pendleton	593	0.2%
Metcalfe	578	0.2%
Breathitt	572	0.2%
McLean	537	0.2%
Edmonson	525	0.2%
Carroll	508	0.2%
Morgan	508	0.2%
Bath	498	0.2%
Livingston	486	0.2%
Leslie	457	0.2%
Hancock	422	0.2%
Owen	417	0.2%
Gallatin	416	0.2%
Cumberland	384	0.1%
Trimble	365	0.1%
Fulton	355	0.1%
Crittenden	334	0.1%
Lyon	319	0.1%
Carlisle	316	0.1%
Owsley	303	0.1%
Wolfe	298	0.1%
Bracken	273	0.1%
Nicholas	250	0.1%
Ballard	229	0.1%
Hickman	223	0.1%
Menifee	205	0.1%
Robertson	132	0.1%

Total Cases
258,517

New Cases by County

County	Cases	Percent
Jefferson	225	15.5%
Kenton	83	5.7%
Warren	52	3.6%
Pulaski	51	3.5%
Boone	49	3.4%
Boyle	49	3.4%
Fayette	47	3.2%
Marshall	40	2.7%
Henderson	39	2.7%
Mercer	39	2.7%
Daviess	32	2.2%
Campbell	30	2.1%
Bullitt	29	2.0%
Pike	29	2.0%
Greenup	25	1.7%
Knox	24	1.6%
McCracken	24	1.6%
Madison	22	1.5%
Calloway	20	1.4%
Graves	20	1.4%
Boyd	19	1.3%
Oldham	19	1.3%
Floyd	17	1.2%
Rockcastle	17	1.2%
Taylor	17	1.2%
Perry	16	1.1%
Carter	15	1.0%
Clark	15	1.0%
Russell	15	1.0%
McCreary	14	1.0%

County	Cases	Percent
Scott	14	1.0%
Shelby	14	1.0%
Franklin	13	0.9%
Grayson	12	0.8%
Clinton	11	0.8%
Grant	11	0.8%
Muhlenberg	11	0.8%
Ohio	11	0.8%
Allen	10	0.7%
Bell	10	0.7%
Casey	10	0.7%
Rowan	10	0.7%
Wayne	10	0.7%
Hardin	9	0.6%
Harrison	9	0.6%
Adair	8	0.5%
Green	8	0.5%
Pendleton	8	0.5%
Whitley	8	0.5%
Butler	7	0.5%
Leslie	7	0.5%
Lincoln	7	0.5%
Nelson	7	0.5%
Powell	7	0.5%
Simpson	7	0.5%
Woodford	7	0.5%
Harlan	6	0.4%
Union	6	0.4%
Barren	5	0.3%
Garrard	5	0.3%

County	Cases	Percent
Hopkins	5	0.3%
Letcher	5	0.3%
Webster	5	0.3%
Bath	4	0.3%
Caldwell	4	0.3%
Clay	4	0.3%
Edmonson	4	0.3%
Lee	4	0.3%
Logan	4	0.3%
Estill	3	0.2%
Hancock	3	0.2%
Knott	3	0.2%
Larue	3	0.2%
Livingston	3	0.2%
Spencer	3	0.2%
Trigg	3	0.2%
Ballard	2	0.1%
Bourbon	2	0.1%
Carlisle	2	0.1%
Elliott	2	0.1%
Fleming	2	0.1%
Fulton	2	0.1%
Laurel	2	0.1%
Lyon	2	0.1%
McLean	2	0.1%
Montgomery	2	0.1%
Morgan	2	0.1%
Anderson	1	0.1%
Breathitt	1	0.1%
Carroll	1	0.1%

County	Cases	Percent
Jackson	1	0.1%
Jessamine	1	0.1%
Lawrence	1	0.1%
Lewis	1	0.1%
Meade	1	0.1%
Menifee	1	0.1%
Metcalf	1	0.1%
Owen	1	0.1%
Trimble	1	0.1%
Bracken	0	0.0%
Breckinridge	0	0.0%
Christian	0	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Gallatin	0	0.0%
Hart	0	0.0%
Henry	0	0.0%
Hickman	0	0.0%
Johnson	0	0.0%
Magoffin	0	0.0%
Marion	0	0.0%
Martin	0	0.0%
Mason	0	0.0%
Monroe	0	0.0%
Nicholas	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%
Todd	0	0.0%
Washington	0	0.0%
Wolfe	0	0.0%

Total New Cases
1,455

Total Deaths by County

County	Deaths	Percent
Jefferson	521	20.3%
Fayette	137	5.3%
Warren	84	3.3%
Hopkins	77	3.0%
Daviess	73	2.8%
Kenton	65	2.5%
Christian	51	2.0%
Oldham	48	1.9%
Graves	46	1.8%
Henderson	45	1.8%
Jessamine	45	1.8%
Hardin	42	1.6%
McCracken	40	1.6%
Adair	39	1.5%
Logan	39	1.5%
Madison	36	1.4%
Barren	35	1.4%
Boone	35	1.4%
Pike	33	1.3%
Grayson	32	1.2%
Boyd	31	1.2%
Bullitt	30	1.2%
Pulaski	30	1.2%
Muhlenberg	28	1.1%
Shelby	28	1.1%
Bell	25	1.0%
Calloway	25	1.0%
Monroe	25	1.0%
Ohio	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	0.9%
McLean	20	0.8%
Marion	20	0.8%
Franklin	19	0.7%
Greenup	19	0.7%
Jackson	19	0.7%
Marshall	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%
Todd	16	0.6%
Caldwell	15	0.6%
Clark	15	0.6%
Clinton	14	0.5%
Johnson	14	0.5%
Edmonson	13	0.5%
Knott	13	0.5%
Laurel	13	0.5%
Taylor	13	0.5%
Montgomery	12	0.5%
Perry	12	0.5%
Hancock	11	0.4%
Webster	11	0.4%

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

County	Deaths	Percent
Henry	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%
Larue	3	0.1%
Nicholas	3	0.1%
Rowan	3	0.1%
Trigg	3	0.1%
Anderson	2	0.1%
Ballard	2	0.1%
Boyle	2	0.1%
Fleming	2	0.1%
Wolfe	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
2,563

Incidence Rates by County

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

County	Rate
Boyle	154.0
Wayne	113.8
Clay	109.1
Clinton	109.1
Carlisle	102.0
McCreary	85.4
Mercer	78.2
Letcher	76.2
Fleming	72.5
Harlan	72.5
Graves	66.7
Henderson	65.7
Lawrence	61.6
Owsley	61.5
Laurel	60.1
Simpson	60.0
Allen	59.6
Anderson	58.4
Daviess	58.0
Greenup	57.8
Christian	57.8
Knox	56.9
Breathitt	56.6
Warren	54.9
Whitley	54.4
Carter	53.8
Menifee	52.8
Pulaski	51.9
Union	51.7
Taylor	51.0

County	Rate
Calloway	50.5
Marshall	50.5
McLean	49.7
Pike	48.4
Elliott	47.5
Hancock	47.5
Robertson	47.4
Logan	46.4
Muhlenberg	45.7
Monroe	45.6
Grayson	44.9
Bourbon	44.8
Boyd	42.5
Kenton	42.4
Todd	41.8
Grant	41.6
Lincoln	41.3
Hopkins	41.2
Madison	41.0
Leslie	40.5
Boone	40.3
Mason	40.2
Marion	40.0
Jackson	39.7
Martin	39.6
Floyd	39.3
Henry	39.0
Washington	39.0
Cumberland	38.9
Ohio	38.1

County	Rate
Wolfe	37.9
Bell	37.9
Butler	37.7
Jefferson	37.5
Nicholas	37.3
Webster	36.4
Russell	35.9
Oldham	35.7
Perry	35.5
Fayette	35.3
Green	35.3
Shelby	35.0
Johnson	34.8
Lee	34.7
Powell	34.7
Bullitt	34.5
Clark	34.3
McCracken	33.6
Casey	33.6
Livingston	32.6
Trigg	32.2
Nelson	32.1
Campbell	31.6
Estill	31.4
Rockcastle	30.8
Harrison	30.3
Barren	29.7
Hardin	29.6
Gallatin	29.0
Meade	28.5

County	Rate
Metcalfe	28.4
Edmonson	28.2
Franklin	28.0
Bracken	27.5
Garrard	27.5
Carroll	26.9
Woodford	26.7
Bath	26.3
Lyon	26.1
Scott	25.6
Trimble	25.3
Morgan	24.7
Larue	23.8
Adair	23.8
Jessamine	23.8
Spencer	23.6
Owen	23.6
Pendleton	23.5
Rowan	23.4
Fulton	21.5
Caldwell	21.3
Montgomery	20.3
Breckinridge	18.8
Hart	18.8
Knott	18.3
Ballard	18.1
Magoffin	16.4
Lewis	14.0
Crittenden	11.4
Hickman	6.5

Current Overall Incidence Rate
41.99 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.