

KY COVID-19 Report 23DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	250,280	202,044	48,236
Deaths	2,466	2,312	154
New Cases	2,953	2,107	846
New Cases 18 and Under	322	192	130
New Deaths	26	24	2

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
9,780	3.9%	0-9	0.0%	1
25,632	10.2%	10-19	0.0%	1
46,213	18.5%	20-29	0.0%	1
37,783	15.1%	30-39	0.7%	17
37,157	14.8%	40-49	1.7%	42
35,903	14.3%	50-59	6.0%	147
28,047	11.2%	60-69	16.6%	410
17,420	7.0%	70-79	26.0%	641
12,200	4.9%	80+	48.9%	1,206
145	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
510	0.3%	American Indian	0.1%	2
2,409	1.3%	Asian	0.7%	17
17,793	9.5%	Black	10.0%	226
171	0.1%	Pacific Islander	0.0%	1
156,212	83.6%	White	86.4%	1,963
9,657	5.2%	Multiracial	2.7%	62

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,895	5.5%	Hispanic	2.3%	51
170,607	94.5%	Non-Hispanic	97.7%	2,123

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 72.1% of cases and 88.2% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	32,649	13.0%
Deaths	1,774	71.9%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
11,874	142,247	8.35%

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
3,314,833	3,061,692	100,450	152,691	197,137	175,378	6,485	15,274

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	12,827	5.13%
Ever ICU	2,944	1.18%
Recovered	35,478	14.18%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,644
ICU	413
On Ventilator	222

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,266	4,712	63.7%
ICU Beds	1,174	516	69.5%
Ventilators	620	1,160	34.8%

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	103	32	11	14.5%	31.4%	11.1%	74.29%	75.49%	17.17%
Region 2	114	28	13	14.0%	30.4%	15.9%	43.67%	51.09%	31.71%
Region 3	511	113	73	13.4%	23.6%	16.7%	60.88%	69.10%	37.07%
Region 4	100	26	14	12.3%	26.5%	12.8%	58.48%	80.61%	22.02%
Region 5	270	70	49	9.9%	17.9%	9.5%	72.11%	72.70%	42.47%
Region 6	162	43	15	12.9%	24.6%	13.5%	74.01%	51.43%	56.76%
Region 7	91	21	8	14.5%	32.8%	6.6%	61.72%	70.31%	13.22%
Region 8	149	43	26	12.4%	31.6%	18.1%	57.56%	84.56%	40.97%
Region 9	92	17	8	14.6%	16.0%	8.1%	62.76%	59.43%	19.19%
Region 10	52	20	5	13.4%	43.5%	8.3%	56.07%	91.30%	23.33%

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	48,487	19.4%
Fayette	22,165	8.9%
Warren	9,503	3.8%
Kenton	8,145	3.3%
Boone	7,089	2.8%
Hardin	5,604	2.2%
Madison	5,505	2.2%
Daviess	5,363	2.1%
Campbell	4,244	1.7%
McCracken	4,074	1.6%
Christian	3,966	1.6%
Bullitt	3,901	1.6%
Oldham	3,483	1.4%
Pulaski	3,410	1.4%
Laurel	3,375	1.3%
Shelby	2,861	1.1%
Boyd	2,795	1.1%
Henderson	2,765	1.1%
Nelson	2,700	1.1%
Pike	2,692	1.1%
Whitley	2,579	1.0%
Hopkins	2,479	1.0%
Jessamine	2,477	1.0%
Barren	2,461	1.0%
Graves	2,458	1.0%
Scott	2,348	0.9%
Calloway	2,217	0.9%
Greenup	2,086	0.8%
Franklin	2,018	0.8%
Boyle	1,820	0.7%

County	Cases	Percent
Muhlenberg	1,793	0.7%
Floyd	1,688	0.7%
Bell	1,683	0.7%
Taylor	1,636	0.7%
Knox	1,620	0.6%
Logan	1,608	0.6%
Marion	1,472	0.6%
Perry	1,470	0.6%
Clay	1,466	0.6%
Harlan	1,429	0.6%
Ohio	1,407	0.6%
Marshall	1,396	0.6%
Clark	1,379	0.6%
Lincoln	1,335	0.5%
Montgomery	1,303	0.5%
Carter	1,274	0.5%
Mercer	1,258	0.5%
Grayson	1,219	0.5%
Hart	1,194	0.5%
Woodford	1,184	0.5%
Wayne	1,179	0.5%
Adair	1,173	0.5%
Grant	1,160	0.5%
Rowan	1,124	0.4%
Simpson	1,108	0.4%
Johnson	1,084	0.4%
Meade	1,063	0.4%
Allen	1,055	0.4%
Russell	1,054	0.4%
Lee	1,023	0.4%

County	Cases	Percent
McCreary	1,007	0.4%
Spencer	947	0.4%
Letcher	924	0.4%
Union	910	0.4%
Monroe	907	0.4%
Garrard	891	0.4%
Anderson	874	0.3%
Caldwell	851	0.3%
Mason	834	0.3%
Washington	826	0.3%
Bourbon	823	0.3%
Jackson	802	0.3%
Casey	801	0.3%
Larue	785	0.3%
Rockcastle	782	0.3%
Henry	756	0.3%
Clinton	755	0.3%
Elliott	749	0.3%
Butler	746	0.3%
Green	723	0.3%
Lewis	716	0.3%
Knott	706	0.3%
Webster	697	0.3%
Harrison	689	0.3%
Magoffin	689	0.3%
Powell	661	0.3%
Lawrence	641	0.3%
Todd	631	0.3%
Estill	630	0.3%
Martin	628	0.3%

County	Cases	Percent
Trigg	623	0.2%
Fleming	622	0.2%
Breckinridge	609	0.2%
Pendleton	580	0.2%
Metcalfe	572	0.2%
Breathitt	543	0.2%
McLean	524	0.2%
Edmonson	512	0.2%
Carroll	499	0.2%
Morgan	490	0.2%
Bath	482	0.2%
Livingston	467	0.2%
Leslie	442	0.2%
Gallatin	408	0.2%
Hancock	408	0.2%
Owen	401	0.2%
Cumberland	372	0.1%
Trimble	356	0.1%
Fulton	346	0.1%
Crittenden	327	0.1%
Lyon	300	0.1%
Owsley	287	0.1%
Carlisle	286	0.1%
Wolfe	284	0.1%
Bracken	264	0.1%
Nicholas	236	0.1%
Hickman	222	0.1%
Ballard	220	0.1%
Menifee	184	0.1%
Robertson	125	0.0%

Total Cases
250,280

New Cases by County

County	Cases	Percent
Jefferson	415	14.1%
Fayette	148	5.0%
Kenton	124	4.2%
Daviess	103	3.5%
Boyle	98	3.3%
Warren	80	2.7%
Boone	77	2.6%
Pike	77	2.6%
Laurel	73	2.5%
Hardin	72	2.4%
Christian	68	2.3%
Whitley	60	2.0%
Pulaski	54	1.8%
Wayne	53	1.8%
Lincoln	50	1.7%
McCracken	47	1.6%
Graves	46	1.6%
Madison	45	1.5%
Hopkins	43	1.5%
Oldham	41	1.4%
Harlan	40	1.4%
Bullitt	38	1.3%
Shelby	36	1.2%
Clay	34	1.2%
Marshall	33	1.1%
Henderson	31	1.0%
Anderson	30	1.0%
Marion	28	0.9%
Scott	28	0.9%
Campbell	26	0.9%

County	Cases	Percent
Taylor	26	0.9%
Barren	24	0.8%
Johnson	24	0.8%
Greenup	23	0.8%
Calloway	22	0.7%
Clinton	21	0.7%
Bath	20	0.7%
Clark	20	0.7%
Floyd	20	0.7%
Franklin	20	0.7%
Mercer	20	0.7%
Fleming	19	0.6%
Allen	18	0.6%
McCreary	18	0.6%
Carter	17	0.6%
Grayson	17	0.6%
Jessamine	17	0.6%
Todd	17	0.6%
Bell	16	0.5%
Knox	16	0.5%
Nelson	16	0.5%
Bourbon	15	0.5%
Grant	15	0.5%
Rowan	14	0.5%
Breathitt	13	0.4%
McLean	13	0.4%
Rockcastle	13	0.4%
Woodford	13	0.4%
Lawrence	12	0.4%
Lewis	11	0.4%

County	Cases	Percent
Martin	11	0.4%
Union	11	0.4%
Muhlenberg	10	0.3%
Spencer	10	0.3%
Boyd	9	0.3%
Larue	9	0.3%
Metcalfe	9	0.3%
Simpson	9	0.3%
Casey	8	0.3%
Hancock	8	0.3%
Harrison	8	0.3%
Hart	8	0.3%
Henry	8	0.3%
Jackson	8	0.3%
Letcher	8	0.3%
Meade	8	0.3%
Monroe	8	0.3%
Montgomery	8	0.3%
Ohio	8	0.3%
Webster	8	0.3%
Carroll	7	0.2%
Logan	7	0.2%
Mason	7	0.2%
Powell	7	0.2%
Russell	7	0.2%
Trigg	7	0.2%
Trimble	7	0.2%
Washington	7	0.2%
Green	6	0.2%
Leslie	6	0.2%

County	Cases	Percent
Pendleton	6	0.2%
Breckinridge	5	0.2%
Caldwell	5	0.2%
Carlisle	5	0.2%
Cumberland	5	0.2%
Perry	5	0.2%
Bracken	4	0.1%
Butler	4	0.1%
Edmonson	4	0.1%
Morgan	4	0.1%
Nicholas	4	0.1%
Ballard	3	0.1%
Elliott	3	0.1%
Estill	3	0.1%
Garrard	3	0.1%
Livingston	3	0.1%
Adair	2	0.1%
Crittenden	2	0.1%
Gallatin	2	0.1%
Knott	2	0.1%
Lee	2	0.1%
Wolfe	2	0.1%
Hickman	1	0.0%
Lyon	1	0.0%
Menifee	1	0.0%
Owen	1	0.0%
Owsley	1	0.0%
Fulton	0	0.0%
Magoffin	0	0.0%
Robertson	0	0.0%

Total New Cases
2,953

Total Deaths by County

County	Deaths	Percent
Jefferson	512	20.8%
Fayette	137	5.6%
Warren	83	3.4%
Daviess	71	2.9%
Hopkins	70	2.8%
Kenton	65	2.6%
Christian	49	2.0%
Oldham	48	1.9%
Graves	45	1.8%
Henderson	44	1.8%
Jessamine	42	1.7%
Hardin	41	1.7%
Adair	39	1.6%
McCracken	38	1.5%
Logan	37	1.5%
Boone	35	1.4%
Barren	34	1.4%
Pike	33	1.3%
Boyd	31	1.3%
Bullitt	28	1.1%
Grayson	28	1.1%
Shelby	28	1.1%
Madison	27	1.1%
Muhlenberg	26	1.1%
Ohio	24	1.0%
Pulaski	24	1.0%
Bell	23	0.9%
Calloway	23	0.9%
Casey	23	0.9%
Lincoln	23	0.9%

County	Deaths	Percent
Campbell	22	0.9%
Lewis	22	0.9%
Scott	22	0.9%
Monroe	21	0.9%
McLean	20	0.8%
Marion	20	0.8%
Russell	20	0.8%
Greenup	19	0.8%
Jackson	19	0.8%
Marshall	19	0.8%
Harlan	18	0.7%
Lee	18	0.7%
Franklin	17	0.7%
Nelson	17	0.7%
Allen	16	0.6%
Butler	16	0.6%
Todd	16	0.6%
Caldwell	15	0.6%
Clark	15	0.6%
Clinton	14	0.6%
Johnson	14	0.6%
Edmonson	13	0.5%
Knott	13	0.5%
Mason	13	0.5%
Laurel	12	0.5%
Montgomery	12	0.5%
Perry	12	0.5%
Hancock	11	0.4%
Taylor	11	0.4%
Webster	11	0.4%

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%
Metcalfe	7	0.3%
Rockcastle	7	0.3%
Carroll	6	0.2%
Carter	6	0.2%
Grant	6	0.2%
Mercer	6	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%
Bath	4	0.2%
Breckinridge	4	0.2%
Fulton	4	0.2%
Garrard	4	0.2%
Henry	4	0.2%
Lawrence	4	0.2%
Letcher	4	0.2%

County	Deaths	Percent
Meade	4	0.2%
Owen	4	0.2%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Hickman	3	0.1%
Larue	3	0.1%
Nicholas	3	0.1%
Rowan	3	0.1%
Ballard	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
2,466

Incidence Rates by County

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

County	Rate
Wayne	200.2
McCreary	197.3
Clinton	172.0
Clay	128.5
Pulaski	117.2
Boyle	113.6
Letcher	111.4
Carter	101.8
Mercer	93.8
Whitley	93.8
Green	92.7
Russell	89.3
Taylor	80.4
Anderson	78.5
Carroll	77.9
Todd	77.9
Allen	77.7
Cumberland	75.6
Daviess	75.3
Grant	75.2
Laurel	75.2
Marion	74.9
Robertson	74.5
Owsley	74.4
Boone	73.0
Martin	72.7
Warren	72.7
Kenton	71.3
Trigg	71.2
Henderson	71.1

County	Rate
Leslie	70.9
Simpson	70.8
Christian	69.3
Pike	68.6
Greenup	68.4
Graves	68.2
Knox	67.9
Bourbon	67.9
Bell	66.4
Washington	65.0
Monroe	64.4
Carlisle	63.0
Logan	62.7
Harlan	62.6
Union	61.6
Shelby	61.5
Fleming	60.7
Marshall	60.2
Powell	60.1
Casey	59.2
Hancock	59.0
Henry	58.5
Breathitt	57.7
Lincoln	57.6
Menifee	57.2
Lawrence	56.9
Campbell	56.5
McLean	55.9
Hopkins	53.4
Garrard	52.6

County	Rate
Madison	52.2
Lyon	52.2
Adair	52.1
Spencer	51.7
Perry	51.0
Ohio	50.6
Morgan	50.4
Butler	49.9
Muhlenberg	49.5
Mason	49.4
Oldham	48.8
Jefferson	48.1
Bath	48.0
Wolfe	47.9
Estill	47.6
McCracken	47.2
Calloway	46.9
Gallatin	46.7
Hardin	46.6
Hart	46.5
Jackson	46.1
Johnson	45.7
Clark	45.3
Pendleton	45.0
Larue	44.6
Boyd	44.0
Livingston	43.5
Barren	43.3
Owen	43.2
Nicholas	43.2

County	Rate
Rockcastle	42.8
Fayette	42.3
Trimble	42.2
Harrison	41.6
Rowan	41.5
Floyd	41.3
Bracken	41.3
Montgomery	41.1
Grayson	40.5
Lee	40.5
Knott	40.5
Elliott	39.9
Bullitt	39.9
Breckinridge	39.1
Franklin	38.7
Webster	38.6
Nelson	38.6
Meade	37.0
Metcalfe	36.9
Jessamine	33.3
Woodford	31.5
Edmonson	30.6
Hickman	29.4
Scott	27.8
Ballard	27.2
Caldwell	26.9
Fulton	26.3
Magoffin	23.5
Lewis	18.3
Crittenden	17.8

Current Overall Incidence Rate
57.90 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.