

KY COVID-19 Report 19DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	240,564	194,877	45,687
Deaths	2,371	2,234	137
New Cases	3,388	2,345	1,043
New Cases 18 and Under	373	233	140
New Deaths	27	26	1

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
9,375	3.9%	0-9	0.0%	1
24,822	10.3%	10-19	0.0%	1
44,596	18.5%	20-29	0.0%	1
36,295	15.1%	30-39	0.7%	17
35,695	14.8%	40-49	1.7%	41
34,401	14.3%	50-59	5.9%	140
26,892	11.2%	60-69	16.4%	390
16,705	6.9%	70-79	26.3%	624
11,649	4.8%	80+	48.8%	1,156
134	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
487	0.3%	American Indian	0.0%	1
2,317	1.3%	Asian	0.8%	17
17,170	9.5%	Black	10.1%	221
169	0.1%	Pacific Islander	0.0%	1
150,466	83.6%	White	86.4%	1,890
9,296	5.2%	Multiracial	2.6%	57

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,882	5.7%	Hispanic	2.4%	51
163,306	94.3%	Non-Hispanic	97.6%	2,040

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 74.8% of cases and 92.2% of deaths
 Ethnicity known for 72.0% of cases and 88.2% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	31,754	13.2%
Deaths	1,676	70.7%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
11,649	135,782	8.58%

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
3,248,691	3,003,386	99,741	145,564	192,254	171,384	6,329	14,541

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	12,445	5.17%
Ever ICU	2,890	1.20%
Recovered	34,517	14.35%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,655
ICU	438
On Ventilator	253

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,662	4,316	66.7%
ICU Beds	1,197	493	70.8%
Ventilators	645	1,141	36.1%

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	98	25	12	13.8%	24.5%	11.1%	69.21%	65.69%	18.52%
Region 2	116	31	8	14.3%	33.7%	10.1%	52.52%	79.35%	32.91%
Region 3	509	106	72	13.3%	22.1%	16.5%	65.25%	69.31%	36.84%
Region 4	98	27	16	12.0%	27.6%	14.7%	60.81%	84.69%	28.44%
Region 5	302	75	72	11.1%	19.1%	13.8%	75.27%	70.41%	42.26%
Region 6	163	75	16	13.0%	42.9%	14.4%	74.72%	53.14%	60.36%
Region 7	99	23	14	15.8%	35.9%	11.6%	69.38%	71.88%	14.88%
Region 8	145	44	25	12.1%	32.4%	18.1%	58.06%	87.50%	40.58%
Region 9	76	14	9	12.0%	13.2%	9.4%	68.15%	63.21%	26.04%
Region 10	49	18	9	12.7%	39.1%	14.1%	53.75%	89.13%	31.25%

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	46,964	19.5%
Fayette	21,627	9.0%
Warren	9,105	3.8%
Kenton	7,717	3.2%
Boone	6,754	2.8%
Hardin	5,470	2.3%
Madison	5,275	2.2%
Daviess	5,130	2.1%
Campbell	4,053	1.7%
McCracken	3,949	1.6%
Bullitt	3,780	1.6%
Christian	3,743	1.6%
Oldham	3,373	1.4%
Pulaski	3,233	1.3%
Laurel	3,196	1.3%
Shelby	2,756	1.1%
Boyd	2,711	1.1%
Henderson	2,654	1.1%
Nelson	2,646	1.1%
Pike	2,524	1.0%
Jessamine	2,421	1.0%
Whitley	2,420	1.0%
Hopkins	2,394	1.0%
Barren	2,384	1.0%
Graves	2,339	1.0%
Scott	2,261	0.9%
Calloway	2,140	0.9%
Greenup	1,987	0.8%
Franklin	1,939	0.8%
Muhlenberg	1,729	0.7%

County	Cases	Percent
Boyle	1,651	0.7%
Floyd	1,645	0.7%
Bell	1,640	0.7%
Taylor	1,562	0.6%
Knox	1,552	0.6%
Logan	1,551	0.6%
Perry	1,436	0.6%
Marion	1,431	0.6%
Ohio	1,369	0.6%
Harlan	1,350	0.6%
Clay	1,341	0.6%
Marshall	1,331	0.6%
Clark	1,326	0.6%
Montgomery	1,272	0.5%
Lincoln	1,247	0.5%
Mercer	1,194	0.5%
Grayson	1,178	0.5%
Carter	1,165	0.5%
Hart	1,155	0.5%
Adair	1,149	0.5%
Woodford	1,145	0.5%
Grant	1,098	0.5%
Rowan	1,076	0.4%
Wayne	1,064	0.4%
Simpson	1,059	0.4%
Meade	1,029	0.4%
Johnson	1,023	0.4%
Russell	1,022	0.4%
Lee	1,016	0.4%
Allen	1,001	0.4%

County	Cases	Percent
Spencer	924	0.4%
Monroe	879	0.4%
Union	879	0.4%
McCreary	865	0.4%
Garrard	856	0.4%
Letcher	839	0.3%
Caldwell	828	0.3%
Anderson	813	0.3%
Mason	813	0.3%
Washington	806	0.3%
Jackson	779	0.3%
Bourbon	777	0.3%
Larue	776	0.3%
Casey	774	0.3%
Rockcastle	750	0.3%
Elliott	740	0.3%
Henry	734	0.3%
Butler	726	0.3%
Clinton	706	0.3%
Green	692	0.3%
Knott	685	0.3%
Lewis	681	0.3%
Webster	679	0.3%
Magoffin	675	0.3%
Harrison	649	0.3%
Powell	637	0.3%
Lawrence	613	0.3%
Estill	604	0.3%
Martin	600	0.2%
Todd	596	0.2%

County	Cases	Percent
Fleming	588	0.2%
Trigg	582	0.2%
Pendleton	563	0.2%
Breckinridge	560	0.2%
Metcalf	552	0.2%
Breathitt	514	0.2%
Carroll	505	0.2%
McLean	504	0.2%
Edmonson	498	0.2%
Morgan	476	0.2%
Bath	437	0.2%
Livingston	437	0.2%
Leslie	411	0.2%
Gallatin	408	0.2%
Hancock	392	0.2%
Cumberland	363	0.2%
Owen	344	0.1%
Trimble	342	0.1%
Fulton	340	0.1%
Crittenden	315	0.1%
Lyon	280	0.1%
Owsley	274	0.1%
Carlisle	272	0.1%
Wolfe	272	0.1%
Bracken	253	0.1%
Nicholas	225	0.1%
Hickman	216	0.1%
Ballard	214	0.1%
Menifee	175	0.1%
Robertson	124	0.1%

Total Cases
240,564

New Cases by County

County	Cases	Percent
Jefferson	459	13.5%
Kenton	174	5.1%
Fayette	151	4.5%
Pulaski	141	4.2%
Daviess	137	4.0%
Boone	129	3.8%
Campbell	112	3.3%
Warren	101	3.0%
Russell	67	2.0%
Christian	64	1.9%
Hardin	63	1.9%
Adair	47	1.4%
Wayne	45	1.3%
Laurel	43	1.3%
Clinton	41	1.2%
McCracken	41	1.2%
Henderson	40	1.2%
Bullitt	39	1.2%
Carter	37	1.1%
Barren	35	1.0%
Madison	35	1.0%
Hopkins	33	1.0%
Knox	33	1.0%
Bell	32	0.9%
Casey	32	0.9%
Pike	32	0.9%
Shelby	31	0.9%
Oldham	30	0.9%
Grant	29	0.9%
Marshall	28	0.8%

County	Cases	Percent
Mercer	28	0.8%
Trigg	28	0.8%
Todd	27	0.8%
Anderson	26	0.8%
Calloway	26	0.8%
Graves	26	0.8%
Letcher	26	0.8%
McCreary	26	0.8%
Allen	24	0.7%
Green	24	0.7%
Jessamine	24	0.7%
Henry	23	0.7%
Clark	22	0.6%
Morgan	22	0.6%
Logan	21	0.6%
Menifee	21	0.6%
Scott	21	0.6%
Nelson	20	0.6%
Whitley	20	0.6%
Boyle	19	0.6%
Taylor	19	0.6%
Greenup	18	0.5%
Meade	18	0.5%
Grayson	17	0.5%
Clay	16	0.5%
Lewis	16	0.5%
Spencer	16	0.5%
Floyd	15	0.4%
Franklin	15	0.4%
Hart	15	0.4%

County	Cases	Percent
Montgomery	15	0.4%
Union	15	0.4%
Washington	15	0.4%
Breathitt	14	0.4%
Estill	14	0.4%
Harlan	14	0.4%
Larue	14	0.4%
Powell	13	0.4%
Simpson	13	0.4%
Boyd	12	0.4%
Marion	12	0.4%
Woodford	12	0.4%
Carroll	11	0.3%
Lawrence	11	0.3%
Muhlenberg	11	0.3%
Ohio	11	0.3%
Pendleton	11	0.3%
Perry	11	0.3%
Cumberland	10	0.3%
Lincoln	10	0.3%
Lyon	10	0.3%
Rowan	10	0.3%
Webster	10	0.3%
Butler	9	0.3%
Hancock	9	0.3%
Jackson	9	0.3%
Bourbon	8	0.2%
Bracken	8	0.2%
Harrison	8	0.2%
Leslie	8	0.2%

County	Cases	Percent
Livingston	8	0.2%
Martin	8	0.2%
Monroe	8	0.2%
Owen	8	0.2%
Ballard	6	0.2%
Garrard	6	0.2%
Johnson	6	0.2%
Knott	6	0.2%
Magoffin	6	0.2%
Owsley	6	0.2%
Rockcastle	6	0.2%
Wolfe	6	0.2%
Caldwell	5	0.1%
Fleming	5	0.1%
McLean	5	0.1%
Carlisle	4	0.1%
Gallatin	4	0.1%
Breckinridge	3	0.1%
Elliott	3	0.1%
Lee	3	0.1%
Mason	3	0.1%
Nicholas	3	0.1%
Trimble	3	0.1%
Bath	2	0.1%
Crittenden	2	0.1%
Fulton	2	0.1%
Metcalfe	2	0.1%
Hickman	1	0.0%
Edmonson	0	0.0%
Robertson	0	0.0%

Total New Cases
3,388

Total Deaths by County

County	Deaths	Percent
Jefferson	504	21.3%
Fayette	133	5.6%
Warren	83	3.5%
Daviess	67	2.8%
Hopkins	65	2.7%
Kenton	65	2.7%
Christian	49	2.1%
Oldham	48	2.0%
Graves	43	1.8%
Jessamine	42	1.8%
Hardin	40	1.7%
Henderson	40	1.7%
Logan	37	1.6%
Adair	36	1.5%
McCracken	36	1.5%
Boone	35	1.5%
Barren	34	1.4%
Pike	33	1.4%
Boyd	30	1.3%
Grayson	28	1.2%
Shelby	28	1.2%
Bullitt	27	1.1%
Madison	26	1.1%
Muhlenberg	24	1.0%
Bell	23	1.0%
Ohio	23	1.0%
Campbell	22	0.9%
Lewis	22	0.9%
Pulaski	22	0.9%
Scott	22	0.9%

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

County	Deaths	Percent
Knox	10	0.4%
Martin	10	0.4%
Webster	10	0.4%
Floyd	9	0.4%
Gallatin	9	0.4%
Simpson	9	0.4%
Union	9	0.4%
Whitley	9	0.4%
Clay	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%
Owsley	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%
Spencer	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%
Nicholas	3	0.1%
Owen	3	0.1%
Ballard	2	0.1%
Bath	2	0.1%
Cumberland	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
2,371

Incidence Rates by County

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

County	Rate
Clinton	211.1
McCreary	194.0
Wayne	193.9
Russell	161.8
Pulaski	147.1
Mercer	140.0
Adair	120.5
Green	114.9
Cumberland	110.2
Letcher	101.4
Carter	101.3
Whitley	100.5
Harlan	97.8
Taylor	97.6
Boyle	89.3
Casey	86.6
Clay	84.7
Robertson	81.3
Washington	80.3
Daviess	79.7
Carroll	77.9
Marion	77.8
Wolfe	75.8
Trigg	74.1
Bell	74.1
Allen	73.1
Todd	70.9
Martin	68.9
Boone	68.1
Logan	68.0

County	Rate
Anderson	67.8
Simpson	67.7
Laurel	67.7
Madison	67.4
Grant	66.7
Kenton	64.7
Perry	64.3
Henry	63.8
Union	63.6
Larue	63.5
Monroe	63.0
Knox	61.9
Warren	61.5
Lincoln	61.1
Mason	61.1
Trimble	60.7
Greenup	60.6
Butler	59.9
Lawrence	59.7
Spencer	59.1
Bracken	58.5
Powell	57.8
Hopkins	57.2
Bourbon	57.0
Gallatin	56.4
Henderson	55.9
Oldham	55.8
Elliott	55.1
Owen	55.0
Jackson	53.6

County	Rate
Garrard	53.4
Muhlenberg	52.7
Morgan	52.6
Christian	52.1
Pike	52.1
Hardin	52.0
Fleming	51.9
Marshall	51.9
McCracken	51.5
Carlisle	51.0
Graves	51.0
Pendleton	50.9
Jefferson	50.8
Menifee	50.6
Campbell	50.2
Boyd	50.1
Estill	49.6
Rockcastle	48.8
McLean	48.1
Fayette	48.0
Leslie	47.7
Meade	47.5
Floyd	47.4
Metcalfe	46.8
Hart	46.5
Shelby	46.0
Clark	45.3
Ohio	44.7
Hancock	44.2
Harrison	43.9

County	Rate
Caldwell	43.7
Magoffin	43.5
Nelson	42.6
Montgomery	42.6
Bullitt	42.5
Edmonson	41.2
Jessamine	40.4
Webster	39.7
Breathitt	39.6
Grayson	39.5
Woodford	39.0
Livingston	38.8
Owsley	38.8
Nicholas	37.3
Franklin	37.0
Bath	36.6
Hickman	35.9
Knott	35.7
Rowan	35.6
Lyon	34.8
Lee	34.7
Scott	33.1
Johnson	32.8
Calloway	32.6
Barren	32.3
Breckinridge	32.1
Fulton	31.1
Ballard	21.7
Lewis	15.1
Crittenden	13.0

Current Overall Incidence Rate
59.28 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.