

KY COVID-19 Report 24DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	252,998	204,067	48,931
Deaths	2,519	2,359	160
New Cases	2,742	2,023	719
New Cases 18 and Under	289	186	103
New Deaths	53	47	6

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
9,889	3.9%	0-9	0.0%	1
25,851	10.2%	10-19	0.0%	1
46,662	18.4%	20-29	0.0%	1
38,207	15.1%	30-39	0.7%	17
37,581	14.9%	40-49	1.7%	42
36,291	14.3%	50-59	5.9%	149
28,397	11.2%	60-69	16.6%	419
17,632	7.0%	70-79	26.0%	656
12,340	4.9%	80+	48.9%	1,233
148	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
514	0.3%	American Indian	0.1%	2
2,439	1.3%	Asian	0.7%	17
17,972	9.5%	Black	9.9%	230
171	0.1%	Pacific Islander	0.0%	1
157,845	83.7%	White	86.6%	2,009
9,735	5.2%	Multiracial	2.7%	62

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,895	5.4%	Hispanic	2.3%	51
172,825	94.6%	Non-Hispanic	97.7%	2,173

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 72.2% of cases and 88.3% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	32,985	13.0%
Deaths	1,793	71.2%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
11,060	134,959	8.20%

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
3,335,994	3,079,113	101,116	155,765	199,003	176,658	6,571	15,774

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	12,952	5.12%
Ever ICU	2,967	1.17%
Recovered	35,791	14.15%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,689
ICU	402
On Ventilator	206

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,381	4,600	64.6%
ICU Beds	1,170	520	69.2%
Ventilators	620	1,152	35.0%

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	99	31	11	14.0%	30.4%	11.1%	72.88%	69.61%	16.16%
Region 2	111	30	16	13.7%	32.6%	19.5%	48.95%	54.35%	37.80%
Region 3	509	102	67	13.3%	21.3%	15.3%	63.32%	69.31%	34.78%
Region 4	101	28	8	12.4%	28.6%	7.3%	59.21%	85.71%	22.94%
Region 5	299	68	42	11.0%	17.3%	8.1%	72.72%	70.41%	42.25%
Region 6	167	42	15	13.3%	24.0%	13.5%	73.69%	53.71%	68.47%
Region 7	100	15	6	15.9%	23.4%	5.0%	62.20%	56.25%	9.92%
Region 8	154	46	27	12.9%	33.8%	19.6%	57.64%	87.50%	42.03%
Region 9	96	21	10	15.2%	19.8%	10.1%	58.00%	62.26%	23.23%
Region 10	53	19	4	13.7%	41.3%	6.7%	54.52%	91.30%	15.00%

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	48,845	19.3%
Fayette	22,310	8.8%
Warren	9,651	3.8%
Kenton	8,234	3.3%
Boone	7,166	2.8%
Hardin	5,646	2.2%
Madison	5,536	2.2%
Daviess	5,462	2.2%
Campbell	4,295	1.7%
McCracken	4,103	1.6%
Christian	4,026	1.6%
Bullitt	3,935	1.6%
Oldham	3,516	1.4%
Pulaski	3,460	1.4%
Laurel	3,405	1.3%
Shelby	2,883	1.1%
Boyd	2,856	1.1%
Henderson	2,790	1.1%
Nelson	2,726	1.1%
Pike	2,708	1.1%
Whitley	2,610	1.0%
Hopkins	2,517	1.0%
Jessamine	2,497	1.0%
Graves	2,489	1.0%
Barren	2,474	1.0%
Scott	2,368	0.9%
Calloway	2,246	0.9%
Greenup	2,103	0.8%
Franklin	2,029	0.8%
Boyle	1,898	0.8%

County	Cases	Percent
Muhlenberg	1,837	0.7%
Floyd	1,714	0.7%
Bell	1,694	0.7%
Knox	1,650	0.7%
Taylor	1,646	0.7%
Logan	1,631	0.6%
Marion	1,483	0.6%
Perry	1,483	0.6%
Clay	1,475	0.6%
Harlan	1,459	0.6%
Marshall	1,455	0.6%
Ohio	1,421	0.6%
Clark	1,399	0.6%
Lincoln	1,354	0.5%
Montgomery	1,318	0.5%
Carter	1,285	0.5%
Mercer	1,270	0.5%
Grayson	1,224	0.5%
Wayne	1,207	0.5%
Hart	1,199	0.5%
Woodford	1,193	0.5%
Grant	1,187	0.5%
Adair	1,176	0.5%
Rowan	1,140	0.5%
Simpson	1,132	0.4%
Johnson	1,091	0.4%
Meade	1,079	0.4%
Allen	1,072	0.4%
Russell	1,056	0.4%
Lee	1,026	0.4%

County	Cases	Percent
McCreary	1,016	0.4%
Spencer	955	0.4%
Letcher	947	0.4%
Union	920	0.4%
Monroe	910	0.4%
Anderson	909	0.4%
Garrard	896	0.4%
Caldwell	860	0.3%
Washington	841	0.3%
Mason	840	0.3%
Bourbon	839	0.3%
Jackson	815	0.3%
Casey	800	0.3%
Rockcastle	794	0.3%
Larue	792	0.3%
Clinton	767	0.3%
Henry	762	0.3%
Elliott	752	0.3%
Butler	750	0.3%
Lewis	732	0.3%
Green	729	0.3%
Knott	712	0.3%
Webster	705	0.3%
Magoffin	695	0.3%
Harrison	693	0.3%
Lawrence	675	0.3%
Powell	661	0.3%
Estill	646	0.3%
Fleming	638	0.3%
Martin	637	0.3%

County	Cases	Percent
Todd	636	0.3%
Trigg	632	0.2%
Breckinridge	614	0.2%
Pendleton	584	0.2%
Metcalf	574	0.2%
Breathitt	552	0.2%
McLean	531	0.2%
Edmonson	518	0.2%
Carroll	505	0.2%
Morgan	496	0.2%
Bath	482	0.2%
Livingston	477	0.2%
Leslie	449	0.2%
Gallatin	411	0.2%
Owen	411	0.2%
Hancock	410	0.2%
Cumberland	375	0.1%
Trimble	359	0.1%
Fulton	350	0.1%
Crittenden	333	0.1%
Lyon	312	0.1%
Carlisle	307	0.1%
Owsley	290	0.1%
Wolfe	287	0.1%
Bracken	271	0.1%
Nicholas	242	0.1%
Hickman	223	0.1%
Ballard	222	0.1%
Menifee	190	0.1%
Robertson	126	0.0%

Total Cases
252,998

New Cases by County

County	Cases	Percent
Jefferson	377	13.7%
Warren	150	5.5%
Fayette	147	5.4%
Daviess	97	3.5%
Kenton	90	3.3%
Boyle	77	2.8%
Boone	76	2.8%
Marshall	60	2.2%
Boyd	59	2.2%
Christian	59	2.2%
Campbell	55	2.0%
Pulaski	52	1.9%
Muhlenberg	44	1.6%
Hardin	42	1.5%
Laurel	40	1.5%
Hopkins	38	1.4%
Anderson	34	1.2%
Knox	33	1.2%
Lawrence	33	1.2%
Madison	32	1.2%
Bullitt	31	1.1%
Oldham	31	1.1%
Graves	30	1.1%
Harlan	30	1.1%
Calloway	29	1.1%
McCracken	29	1.1%
Nelson	28	1.0%
Wayne	27	1.0%
Floyd	26	0.9%
Grant	26	0.9%

County	Cases	Percent
Henderson	25	0.9%
Logan	24	0.9%
Shelby	24	0.9%
Simpson	24	0.9%
Letcher	23	0.8%
Greenup	22	0.8%
Carlisle	21	0.8%
Clark	20	0.7%
Scott	20	0.7%
Whitley	20	0.7%
Jessamine	19	0.7%
Allen	17	0.6%
Estill	17	0.6%
Lincoln	17	0.6%
Pike	17	0.6%
Bourbon	16	0.6%
Fleming	15	0.5%
Ohio	15	0.5%
Rowan	15	0.5%
Washington	15	0.5%
Lewis	14	0.5%
Meade	14	0.5%
Jackson	13	0.5%
Montgomery	13	0.5%
Perry	13	0.5%
Barren	12	0.4%
Clinton	12	0.4%
Lyon	12	0.4%
Mercer	12	0.4%
Rockcastle	12	0.4%

County	Cases	Percent
Carter	11	0.4%
Union	11	0.4%
Bell	10	0.4%
Clay	10	0.4%
Livingston	10	0.4%
Marion	10	0.4%
Martin	10	0.4%
Taylor	10	0.4%
Woodford	10	0.4%
Caldwell	9	0.3%
Franklin	9	0.3%
Henry	9	0.3%
McCreary	9	0.3%
Trigg	9	0.3%
Breathitt	8	0.3%
Grayson	8	0.3%
Owen	8	0.3%
Spencer	8	0.3%
Webster	8	0.3%
Carroll	7	0.3%
Garrard	7	0.3%
Johnson	7	0.3%
Leslie	7	0.3%
Mason	7	0.3%
Bracken	6	0.2%
Green	6	0.2%
Hart	6	0.2%
Knott	6	0.2%
McLean	6	0.2%
Magoffin	6	0.2%

County	Cases	Percent
Menifee	6	0.2%
Morgan	6	0.2%
Nicholas	6	0.2%
Adair	5	0.2%
Crittenden	5	0.2%
Larue	5	0.2%
Todd	5	0.2%
Breckinridge	4	0.1%
Butler	4	0.1%
Edmonson	4	0.1%
Fulton	4	0.1%
Harrison	4	0.1%
Owsley	4	0.1%
Pendleton	4	0.1%
Cumberland	3	0.1%
Gallatin	3	0.1%
Hancock	3	0.1%
Lee	3	0.1%
Monroe	3	0.1%
Trimble	3	0.1%
Wolfe	3	0.1%
Ballard	2	0.1%
Bath	2	0.1%
Elliott	2	0.1%
Russell	2	0.1%
Casey	1	0.0%
Hickman	1	0.0%
Metcalfe	1	0.0%
Robertson	1	0.0%
Powell	0	0.0%

Total New Cases
2,742

Total Deaths by County

County	Deaths	Percent
Jefferson	516	20.5%
Fayette	137	5.4%
Warren	84	3.3%
Hopkins	76	3.0%
Daviess	73	2.9%
Kenton	65	2.6%
Christian	52	2.1%
Oldham	48	1.9%
Graves	46	1.8%
Henderson	44	1.7%
Jessamine	44	1.7%
Hardin	42	1.7%
Adair	39	1.5%
McCracken	38	1.5%
Logan	37	1.5%
Boone	35	1.4%
Barren	34	1.3%
Pike	33	1.3%
Boyd	31	1.2%
Bullitt	30	1.2%
Grayson	30	1.2%
Madison	30	1.2%
Pulaski	29	1.2%
Muhlenberg	28	1.1%
Shelby	28	1.1%
Ohio	25	1.0%
Bell	23	0.9%
Calloway	23	0.9%
Campbell	23	0.9%
Casey	23	0.9%

County	Deaths	Percent
Lincoln	23	0.9%
Monroe	23	0.9%
Russell	23	0.9%
Lewis	22	0.9%
Scott	22	0.9%
McLean	20	0.8%
Marion	20	0.8%
Greenup	19	0.8%
Jackson	19	0.8%
Marshall	19	0.8%
Franklin	18	0.7%
Harlan	18	0.7%
Lee	18	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%
Mason	14	0.6%
Edmonson	13	0.5%
Knott	13	0.5%
Taylor	13	0.5%
Laurel	12	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%
Gallatin	9	0.4%
Simpson	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%
Breckinridge	5	0.2%
Hart	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%
Bath	4	0.2%
Fulton	4	0.2%
Garrard	4	0.2%
Henry	4	0.2%
Lawrence	4	0.2%

County	Deaths	Percent
Letcher	4	0.2%
Meade	4	0.2%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Cumberland	3	0.1%
Hickman	3	0.1%
Larue	3	0.1%
Nicholas	3	0.1%
Rowan	3	0.1%
Trigg	3	0.1%
Ballard	2	0.1%
Fleming	2	0.1%
Wolfe	2	0.1%
Anderson	1	0.0%
Bourbon	1	0.0%
Boyle	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
2,519

Incidence Rates by County

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

County	Rate
Wayne	170.7
Clinton	169.2
McCreary	163.3
Boyle	138.3
Clay	127.8
Carlisle	111.0
Letcher	104.7
Pulaski	103.1
Carter	98.1
Whitley	98.1
Mercer	86.0
Robertson	81.3
Anderson	81.0
Warren	80.4
Simpson	80.0
Green	79.6
Lawrence	77.4
Carroll	76.6
Knox	76.1
Daviess	75.9
Leslie	75.2
Bourbon	75.1
Christian	74.6
Owsley	74.4
Greenup	73.3
Harlan	72.0
Todd	70.9
Graves	70.5
Henderson	70.5
Menifee	70.4

County	Rate
Allen	70.4
Laurel	70.2
Grant	69.0
Union	67.5
Taylor	67.1
Breathitt	65.6
Washington	65.0
Kenton	63.6
Logan	63.3
Russell	63.0
Boone	62.9
Cumberland	62.6
Martin	62.5
Muhlenberg	62.5
Pike	61.5
Marion	60.8
Hopkins	59.8
Henry	58.5
McLean	57.4
Marshall	57.0
Boyd	56.9
Fleming	56.8
Powell	56.6
Trigg	55.6
Monroe	55.0
Estill	54.7
Bell	54.3
Lincoln	54.1
Hancock	54.1
Shelby	51.6

County	Rate
Calloway	50.9
Campbell	50.4
Jackson	49.3
Butler	48.8
Bracken	48.2
Oldham	47.5
Nicholas	47.2
Johnson	47.0
Morgan	46.2
Garrard	46.1
Madison	46.1
Jefferson	46.0
Casey	46.0
Rockcastle	45.4
Clark	45.3
Lyon	45.2
Hart	45.0
Ohio	44.7
Wolfe	43.9
Gallatin	43.5
Barren	43.3
Webster	43.0
Fayette	43.0
Floyd	42.1
Livingston	42.0
Owen	41.9
Larue	41.7
Spencer	41.3
Bath	41.1
Grayson	41.1

County	Rate
McCracken	41.1
Bullitt	40.9
Adair	40.9
Perry	40.5
Trimble	40.5
Elliott	39.9
Breckinridge	39.8
Mason	39.3
Hardin	38.4
Pendleton	38.2
Harrison	37.8
Franklin	37.0
Metcalfe	36.9
Nelson	36.8
Knott	36.7
Meade	35.0
Montgomery	34.0
Edmonson	32.9
Woodford	32.6
Jessamine	31.2
Scott	31.1
Rowan	31.0
Lee	30.9
Magoffin	29.4
Ballard	29.0
Fulton	28.7
Caldwell	26.9
Hickman	26.1
Lewis	21.5
Crittenden	19.5

Current Overall Incidence Rate
55.82 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.