

KY COVID-19 Report 18DEC20

Daily Summary

Measure	Total	Confirmed	Probable
Cases	237,190	192,448	44,742
Deaths	2,344	2,208	136
New Cases	3,179	2,161	1,018
New Cases 18 and Under	349	217	132
New Deaths	28	25	3

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
9,258	3.9%	0-9	0.0%	1
24,513	10.3%	10-19	0.0%	1
44,061	18.6%	20-29	0.0%	1
35,789	15.1%	30-39	0.7%	17
35,170	14.8%	40-49	1.7%	41
33,868	14.3%	50-59	5.8%	137
26,465	11.2%	60-69	16.4%	384
16,449	6.9%	70-79	26.4%	618
11,485	4.8%	80+	48.8%	1,144
132	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
479	0.3%	American Indian	0.0%	1
2,271	1.3%	Asian	0.8%	17
16,921	9.5%	Black	10.1%	218
167	0.1%	Pacific Islander	0.0%	1
148,632	83.7%	White	86.4%	1,871
9,130	5.1%	Multiracial	2.6%	57

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,882	5.8%	Hispanic	2.5%	51
159,239	94.2%	Non-Hispanic	97.5%	2,022

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 74.9% of cases and 92.4% of deaths
 Ethnicity known for 71.3% of cases and 88.4% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	30,847	13.0%
Deaths	1,669	71.2%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
10,910	126,984	8.59%

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
3,232,001	2,988,579	99,421	144,001	190,712	170,097	6,259	14,356

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	12,184	5.14%
Ever ICU	2,832	1.19%
Recovered	33,665	14.19%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,712
ICU	410
On Ventilator	227

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,698	4,280	67.0%
ICU Beds	1,233	457	73.0%
Ventilators	619	1,166	34.7%

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	23	12	13.8%	22.5%	11.7%	63.70%	58.82%	17.48%
Region 2	113	27	10	13.9%	29.3%	12.2%	53.75%	82.61%	31.71%
Region 3	545	115	74	14.3%	24.0%	16.9%	66.59%	73.07%	37.07%
Region 4	108	34	17	13.3%	34.7%	15.6%	63.27%	86.73%	27.52%
Region 5	310	80	47	11.4%	20.4%	9.0%	76.96%	76.28%	39.20%
Region 6	157	37	17	12.5%	21.1%	15.3%	73.45%	51.43%	58.56%
Region 7	102	21	9	16.3%	32.8%	7.4%	67.62%	67.19%	14.05%
Region 8	148	39	24	12.4%	28.7%	16.7%	54.80%	83.09%	37.50%
Region 9	77	14	9	12.2%	13.2%	9.4%	68.94%	67.92%	23.96%
Region 10	54	20	8	14.0%	43.5%	13.6%	56.07%	97.83%	32.20%

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, Menifeel, 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	46,556	19.6%
Fayette	21,489	9.1%
Warren	9,007	3.8%
Kenton	7,549	3.2%
Boone	6,619	2.8%
Hardin	5,453	2.3%
Madison	5,238	2.2%
Daviess	4,996	2.1%
Campbell	3,938	1.7%
McCracken	3,910	1.6%
Bullitt	3,745	1.6%
Christian	3,679	1.6%
Oldham	3,328	1.4%
Laurel	3,176	1.3%
Pulaski	3,090	1.3%
Shelby	2,720	1.1%
Boyd	2,702	1.1%
Nelson	2,621	1.1%
Henderson	2,613	1.1%
Pike	2,489	1.0%
Jessamine	2,403	1.0%
Hopkins	2,357	1.0%
Barren	2,351	1.0%
Whitley	2,346	1.0%
Graves	2,314	1.0%
Scott	2,239	0.9%
Calloway	2,111	0.9%
Greenup	1,967	0.8%
Franklin	1,921	0.8%
Muhlenberg	1,719	0.7%

County	Cases	Percent
Boyle	1,638	0.7%
Floyd	1,631	0.7%
Bell	1,607	0.7%
Knox	1,549	0.7%
Taylor	1,545	0.7%
Logan	1,528	0.6%
Perry	1,429	0.6%
Marion	1,417	0.6%
Ohio	1,358	0.6%
Harlan	1,333	0.6%
Clay	1,325	0.6%
Marshall	1,303	0.5%
Clark	1,296	0.5%
Montgomery	1,256	0.5%
Lincoln	1,236	0.5%
Mercer	1,166	0.5%
Grayson	1,163	0.5%
Hart	1,150	0.5%
Carter	1,123	0.5%
Woodford	1,122	0.5%
Adair	1,103	0.5%
Grant	1,069	0.5%
Rowan	1,067	0.4%
Simpson	1,046	0.4%
Wayne	1,019	0.4%
Johnson	1,016	0.4%
Lee	1,014	0.4%
Allen	977	0.4%
Meade	972	0.4%
Russell	951	0.4%

County	Cases	Percent
Spencer	906	0.4%
Monroe	868	0.4%
Union	862	0.4%
Garrard	848	0.4%
McCreary	844	0.4%
Caldwell	825	0.3%
Letcher	814	0.3%
Mason	810	0.3%
Washington	791	0.3%
Anderson	790	0.3%
Jackson	771	0.3%
Bourbon	770	0.3%
Rockcastle	745	0.3%
Elliott	743	0.3%
Larue	741	0.3%
Casey	736	0.3%
Butler	717	0.3%
Henry	708	0.3%
Knott	676	0.3%
Webster	672	0.3%
Magoffin	670	0.3%
Green	667	0.3%
Clinton	665	0.3%
Lewis	665	0.3%
Harrison	638	0.3%
Powell	625	0.3%
Lawrence	601	0.3%
Martin	593	0.3%
Estill	590	0.2%
Fleming	584	0.2%

County	Cases	Percent
Todd	572	0.2%
Breckinridge	561	0.2%
Trigg	554	0.2%
Pendleton	553	0.2%
Metcalf	550	0.2%
Breathitt	501	0.2%
McLean	497	0.2%
Edmonson	496	0.2%
Carroll	493	0.2%
Morgan	452	0.2%
Bath	438	0.2%
Livingston	428	0.2%
Gallatin	407	0.2%
Leslie	403	0.2%
Hancock	384	0.2%
Cumberland	353	0.1%
Trimble	340	0.1%
Fulton	338	0.1%
Owen	336	0.1%
Crittenden	312	0.1%
Lyon	269	0.1%
Carlisle	268	0.1%
Owsley	267	0.1%
Wolfe	266	0.1%
Bracken	242	0.1%
Nicholas	222	0.1%
Hickman	215	0.1%
Ballard	206	0.1%
Menifee	153	0.1%
Robertson	123	0.1%

Total Cases
237,190

New Cases by County

County	Cases	Percent
Jefferson	434	13.7%
Fayette	189	5.9%
Pulaski	150	4.7%
Kenton	149	4.7%
Warren	104	3.3%
Boone	85	2.7%
Daviess	78	2.5%
Oldham	77	2.4%
Wayne	73	2.3%
Pike	66	2.1%
Whitley	61	1.9%
Laurel	49	1.5%
Hardin	47	1.5%
Henderson	46	1.4%
Campbell	45	1.4%
Greenup	44	1.4%
Taylor	43	1.4%
Bullitt	41	1.3%
Bath	37	1.2%
Hopkins	37	1.2%
McCreary	37	1.2%
Russell	37	1.2%
Franklin	34	1.1%
Bourbon	33	1.0%
Madison	33	1.0%
Clark	32	1.0%
Clay	32	1.0%
Boyd	30	0.9%
Grant	30	0.9%
Boyle	29	0.9%

County	Cases	Percent
Lincoln	29	0.9%
Christian	28	0.9%
McCracken	28	0.9%
Marshall	28	0.9%
Knox	27	0.8%
Carter	26	0.8%
Clinton	26	0.8%
Floyd	26	0.8%
Letcher	26	0.8%
Mercer	25	0.8%
Hart	23	0.7%
Jessamine	23	0.7%
Nelson	22	0.7%
Scott	22	0.7%
Mason	21	0.7%
Bell	20	0.6%
Carroll	20	0.6%
Green	20	0.6%
Logan	19	0.6%
Adair	18	0.6%
Marion	18	0.6%
Montgomery	18	0.6%
Simpson	18	0.6%
Muhlenberg	17	0.5%
Shelby	16	0.5%
Perry	15	0.5%
Graves	14	0.4%
Grayson	14	0.4%
Henry	14	0.4%
Ohio	14	0.4%

County	Cases	Percent
Casey	13	0.4%
Lewis	13	0.4%
Anderson	12	0.4%
Barren	12	0.4%
Butler	12	0.4%
Powell	12	0.4%
Union	12	0.4%
Garrard	11	0.3%
Meade	11	0.3%
Robertson	11	0.3%
Allen	10	0.3%
Cumberland	10	0.3%
Washington	10	0.3%
Breathitt	9	0.3%
Elliott	9	0.3%
Harlan	9	0.3%
Lawrence	9	0.3%
Pendleton	9	0.3%
Calloway	8	0.3%
Harrison	8	0.3%
Leslie	8	0.3%
Rockcastle	8	0.3%
Breckinridge	7	0.2%
Fleming	7	0.2%
Hancock	7	0.2%
Larue	7	0.2%
Martin	7	0.2%
Rowan	7	0.2%
Webster	7	0.2%
Bracken	6	0.2%

County	Cases	Percent
Edmonson	6	0.2%
Spencer	6	0.2%
Gallatin	5	0.2%
Knott	5	0.2%
Todd	5	0.2%
Woodford	5	0.2%
Ballard	4	0.1%
Jackson	4	0.1%
Metcalfe	4	0.1%
Nicholas	4	0.1%
Owen	4	0.1%
Carlisle	3	0.1%
Estill	3	0.1%
Monroe	3	0.1%
Trimble	3	0.1%
Caldwell	2	0.1%
Fulton	2	0.1%
Hickman	2	0.1%
Lee	2	0.1%
McLean	2	0.1%
Morgan	2	0.1%
Livingston	1	0.0%
Lyon	1	0.0%
Owsley	1	0.0%
Trigg	1	0.0%
Wolfe	1	0.0%
Crittenden	0	0.0%
Johnson	0	0.0%
Magoffin	0	0.0%
Menifee	0	0.0%

Total New Cases
3,179

Total Deaths by County

County	Deaths	Percent
Jefferson	501	21.4%
Fayette	132	5.6%
Warren	83	3.5%
Hopkins	65	2.8%
Kenton	65	2.8%
Daviess	61	2.6%
Christian	48	2.0%
Oldham	47	2.0%
Graves	43	1.8%
Jessamine	41	1.7%
Henderson	40	1.7%
Hardin	39	1.7%
Logan	37	1.6%
Adair	36	1.5%
McCracken	36	1.5%
Boone	35	1.5%
Barren	34	1.5%
Boyd	30	1.3%
Pike	30	1.3%
Bullitt	27	1.2%
Grayson	27	1.2%
Shelby	27	1.2%
Madison	26	1.1%
Muhlenberg	24	1.0%
Bell	22	0.9%
Campbell	22	0.9%
Lewis	22	0.9%
Ohio	22	0.9%
Pulaski	22	0.9%
Scott	22	0.9%

County	Deaths	Percent
Lincoln	21	0.9%
Casey	20	0.9%
McLean	20	0.9%
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%
Nelson	17	0.7%
Butler	16	0.7%
Harlan	16	0.7%
Marion	16	0.7%
Allen	15	0.6%
Clark	14	0.6%
Russell	14	0.6%
Todd	14	0.6%
Caldwell	13	0.6%
Edmonson	13	0.6%
Johnson	13	0.6%
Clinton	12	0.5%
Laurel	12	0.5%
Montgomery	12	0.5%
Knott	11	0.5%
Mason	11	0.5%
Perry	11	0.5%
Taylor	11	0.5%
Green	10	0.4%
Knox	10	0.4%

County	Deaths	Percent
Martin	10	0.4%
Floyd	9	0.4%
Gallatin	9	0.4%
Hancock	9	0.4%
Simpson	9	0.4%
Union	9	0.4%
Webster	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%
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%
Owsley	4	0.2%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%

County	Deaths	Percent
Henry	3	0.1%
Hickman	3	0.1%
Larue	3	0.1%
Letcher	3	0.1%
Nicholas	3	0.1%
Owen	3	0.1%
Spencer	3	0.1%
Ballard	2	0.1%
Bath	2	0.1%
Cumberland	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
2,344

Incidence Rates by County

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

County	Rate
Wayne	205.9
McCreary	205.6
Clinton	163.6
Russell	155.4
Pulaski	137.8
Mercer	137.4
Adair	131.7
Taylor	108.1
Whitley	105.6
Cumberland	101.5
Harlan	96.1
Boyle	95.5
Green	95.3
Trimble	94.4
Letcher	90.8
Carter	86.9
Mason	84.5
Marion	82.3
Robertson	81.3
Carroll	79.3
Clay	79.0
Casey	78.7
Washington	76.8
Wolfe	73.9
Daviess	73.5
Todd	73.2
Simpson	73.1
Elliott	70.3
Laurel	69.1
Perry	68.2

County	Rate
Logan	67.5
Bell	66.4
Madison	65.9
Allen	65.7
Greenup	65.5
Martin	65.1
Boone	64.5
Fleming	63.7
Bourbon	63.5
Monroe	63.0
Knox	62.8
Gallatin	62.8
Anderson	62.8
Boyd	62.7
Grant	62.1
Lincoln	61.7
Spencer	61.3
Floyd	61.0
Carlisle	60.0
McLean	59.0
Kenton	57.9
Trigg	57.5
Garrard	57.4
Warren	57.3
Pike	57.3
Muhlenberg	56.9
Lawrence	56.0
Hart	55.5
Butler	55.5
Henry	54.9

County	Rate
Hopkins	54.0
Union	53.6
Oldham	53.3
Hardin	52.7
Owen	52.4
Fayette	52.4
Henderson	51.8
McCracken	51.1
Jefferson	50.9
Rockcastle	50.5
Meade	50.0
Larue	49.6
Graves	49.5
Ohio	49.4
Magoffin	49.3
Marshall	49.2
Jackson	47.2
Caldwell	47.1
Metcalfe	46.8
Bracken	46.5
Christian	45.6
Campbell	45.3
Jessamine	44.3
Pendleton	44.1
Powell	43.9
Harrison	43.9
Leslie	43.4
Rowan	42.6
Nelson	42.3
Edmonson	42.3

County	Rate
Hancock	40.9
Bullitt	40.9
Shelby	40.8
Estill	40.5
Montgomery	40.1
Breathitt	39.6
Clark	39.4
Lee	38.6
Franklin	38.4
Bath	37.7
Breckinridge	37.0
Woodford	36.3
Hickman	35.9
Livingston	35.7
Webster	35.3
Lyon	34.8
Knott	34.7
Scott	34.1
Grayson	33.5
Nicholas	33.4
Johnson	32.2
Morgan	30.1
Fulton	28.7
Calloway	27.8
Barren	27.1
Owsley	25.9
Ballard	18.1
Menifee	17.6
Crittenden	13.0
Lewis	12.9

Current Overall Incidence Rate
58.45 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.