

KY COVID-19 Report 02JAN21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	273,971	220,231	53,740
Deaths	2,698	2,513	185
New Cases	1,470	1,174	296
New Cases 18 and Under	185	138	47
New Deaths	22	20	2

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
10,679	3.9%	0-9	0.0%	1
27,685	10.1%	10-19	0.0%	1
50,335	18.4%	20-29	0.0%	1
41,667	15.2%	30-39	0.7%	19
40,826	14.9%	40-49	1.6%	44
39,424	14.4%	50-59	5.9%	159
30,850	11.3%	60-69	16.5%	445
19,108	7.0%	70-79	26.1%	703
13,241	4.8%	80+	49.1%	1,325
156	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
543	0.3%	American Indian	0.1%	2
2,590	1.3%	Asian	0.7%	17
19,052	9.4%	Black	9.6%	237
175	0.1%	Pacific Islander	0.0%	1
169,879	83.8%	White	86.9%	2,152
10,395	5.1%	Multiracial	2.7%	66

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,898	5.0%	Hispanic	2.2%	51
186,924	95.0%	Non-Hispanic	97.8%	2,320

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 74.0% of cases and 91.7% of deaths
Ethnicity known for 71.8% of cases and 87.9% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	35,971	13.1%
Deaths	1,916	71.0%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
10,101	93,625	10.79%

Positivity rate is calculated using electronically submitted PCRs from the past seven days. Over the Christmas holiday, we have experienced a significant decrease in reporting from major laboratories. Due to this, a larger proportion of the electronically-submitted PCR test results used to calculate COVID-19 test positivity rates are coming from healthcare facilities. Healthcare facilities primarily test symptomatic people, which will increase the positivity rate until the usual general population testing is reported fully again. We expect to see increased fluctuations in the positivity rate through the New Year's holiday due to changes with laboratory schedules which impact testing and reporting.

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
3,488,130	3,210,804	102,295	175,031	212,273	187,334	7,003	17,936

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	13,686	5.00%
Ever ICU	3,070	1.12%
Recovered	37,273	13.60%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,635
ICU	428
On Ventilator	211

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,506	4,751	64.2%
ICU Beds	1,163	640	64.5%
Ventilators	614	1,165	34.5%

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	87	28	18	11.0%	27.5%	18.2%	57.45%	64.71%	25.25%
Region 2	102	30	16	12.4%	24.6%	19.3%	47.33%	36.89%	39.76%
Region 3	454	109	63	11.9%	20.9%	14.4%	63.20%	64.49%	34.32%
Region 4	93	32	16	10.9%	29.6%	14.4%	50.82%	75.93%	26.13%
Region 5	287	74	41	10.4%	17.8%	8.0%	68.64%	66.35%	41.94%
Region 6	155	43	14	12.3%	24.6%	12.6%	73.29%	49.71%	56.76%
Region 7	104	16	3	16.6%	25.0%	2.5%	81.82%	71.88%	7.63%
Region 8	166	45	17	13.9%	33.1%	11.6%	58.56%	82.35%	33.56%
Region 9	128	30	16	19.2%	26.3%	16.2%	71.62%	61.40%	22.22%
Region 10	59	21	7	12.4%	46.7%	11.7%	66.46%	95.56%	30.00%

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	52,240	19.1%
Fayette	23,758	8.7%
Warren	10,294	3.8%
Kenton	9,053	3.3%
Boone	7,767	2.8%
Hardin	6,193	2.3%
Daviess	5,981	2.2%
Madison	5,830	2.1%
Campbell	4,657	1.7%
Christian	4,460	1.6%
McCracken	4,366	1.6%
Bullitt	4,237	1.5%
Oldham	4,051	1.5%
Pulaski	3,754	1.4%
Laurel	3,752	1.4%
Boyd	3,117	1.1%
Pike	3,098	1.1%
Shelby	3,074	1.1%
Henderson	2,984	1.1%
Nelson	2,966	1.1%
Whitley	2,822	1.0%
Graves	2,760	1.0%
Hopkins	2,722	1.0%
Jessamine	2,668	1.0%
Barren	2,577	0.9%
Scott	2,506	0.9%
Greenup	2,410	0.9%
Calloway	2,400	0.9%
Boyle	2,332	0.9%
Franklin	2,179	0.8%

County	Cases	Percent
Muhlenberg	2,011	0.7%
Floyd	1,910	0.7%
Bell	1,880	0.7%
Knox	1,852	0.7%
Taylor	1,754	0.6%
Logan	1,737	0.6%
Clay	1,692	0.6%
Marshall	1,619	0.6%
Harlan	1,618	0.6%
Perry	1,603	0.6%
Marion	1,546	0.6%
Ohio	1,506	0.5%
Lincoln	1,481	0.5%
Clark	1,469	0.5%
Montgomery	1,439	0.5%
Mercer	1,436	0.5%
Carter	1,435	0.5%
Wayne	1,364	0.5%
Woodford	1,319	0.5%
Grayson	1,317	0.5%
Rowan	1,274	0.5%
Grant	1,270	0.5%
Hart	1,231	0.4%
Adair	1,215	0.4%
Simpson	1,214	0.4%
Allen	1,186	0.4%
Meade	1,185	0.4%
Johnson	1,149	0.4%
McCreary	1,121	0.4%
Letcher	1,108	0.4%

County	Cases	Percent
Russell	1,108	0.4%
Lee	1,047	0.4%
Spencer	1,010	0.4%
Anderson	1,005	0.4%
Bourbon	981	0.4%
Garrard	974	0.4%
Monroe	969	0.4%
Union	966	0.4%
Mason	958	0.3%
Caldwell	889	0.3%
Washington	886	0.3%
Rockcastle	885	0.3%
Jackson	870	0.3%
Clinton	857	0.3%
Larue	845	0.3%
Henry	841	0.3%
Casey	832	0.3%
Lawrence	825	0.3%
Butler	820	0.3%
Elliott	819	0.3%
Lewis	801	0.3%
Harrison	789	0.3%
Webster	761	0.3%
Fleming	760	0.3%
Green	759	0.3%
Knott	755	0.3%
Todd	717	0.3%
Powell	709	0.3%
Magoffin	706	0.3%
Estill	690	0.3%

County	Cases	Percent
Trigg	683	0.2%
Breckinridge	673	0.2%
Martin	670	0.2%
Breathitt	650	0.2%
Metcalf	615	0.2%
Pendleton	615	0.2%
McLean	561	0.2%
Morgan	552	0.2%
Edmonson	545	0.2%
Carroll	542	0.2%
Bath	515	0.2%
Livingston	500	0.2%
Leslie	488	0.2%
Hancock	474	0.2%
Gallatin	435	0.2%
Owen	433	0.2%
Cumberland	411	0.2%
Trimble	385	0.1%
Fulton	370	0.1%
Crittenden	364	0.1%
Carlisle	340	0.1%
Lyon	330	0.1%
Owsley	319	0.1%
Wolfe	305	0.1%
Bracken	288	0.1%
Nicholas	282	0.1%
Ballard	242	0.1%
Menifee	232	0.1%
Hickman	225	0.1%
Robertson	143	0.1%

Total Cases
273,971

New Cases by County

County	Cases	Percent
Jefferson	353	24.0%
Pike	77	5.2%
Fayette	67	4.6%
Kenton	49	3.3%
Hardin	37	2.5%
Greenup	35	2.4%
Campbell	33	2.2%
Daviess	30	2.0%
Madison	29	2.0%
Christian	27	1.8%
Knox	26	1.8%
Mercer	26	1.8%
Oldham	26	1.8%
Bullitt	25	1.7%
Shelby	25	1.7%
Harrison	24	1.6%
Bell	23	1.6%
Hopkins	23	1.6%
Boyle	21	1.4%
Carter	21	1.4%
Floyd	21	1.4%
Letcher	21	1.4%
Warren	21	1.4%
Graves	19	1.3%
Franklin	17	1.2%
Lawrence	16	1.1%
Calloway	15	1.0%
Perry	15	1.0%
Clay	14	1.0%
Scott	14	1.0%

County	Cases	Percent
Trigg	14	1.0%
Boone	13	0.9%
Estill	11	0.7%
McCracken	11	0.7%
Muhlenberg	11	0.7%
Rowan	10	0.7%
Laurel	9	0.6%
Rockcastle	9	0.6%
Crittenden	8	0.5%
Nelson	8	0.5%
Bourbon	7	0.5%
Caldwell	7	0.5%
Harlan	7	0.5%
Henry	7	0.5%
Knott	7	0.5%
Logan	7	0.5%
Spencer	7	0.5%
Whitley	7	0.5%
Jessamine	6	0.4%
Montgomery	6	0.4%
Morgan	6	0.4%
Powell	6	0.4%
Woodford	6	0.4%
Garrard	5	0.3%
Grant	5	0.3%
Leslie	5	0.3%
Meade	5	0.3%
Taylor	5	0.3%
Todd	5	0.3%
Boyd	4	0.3%

County	Cases	Percent
Clark	4	0.3%
Fleming	4	0.3%
Lee	4	0.3%
Livingston	4	0.3%
Pulaski	4	0.3%
Barren	3	0.2%
Fulton	3	0.2%
Gallatin	3	0.2%
Larue	3	0.2%
Lyon	3	0.2%
Marshall	3	0.2%
Mason	3	0.2%
Menifee	3	0.2%
Ohio	3	0.2%
Robertson	3	0.2%
Wolfe	3	0.2%
Bracken	2	0.1%
Breathitt	2	0.1%
Breckinridge	2	0.1%
Butler	2	0.1%
Carroll	2	0.1%
McCreary	2	0.1%
Marion	2	0.1%
Owsley	2	0.1%
Trimble	2	0.1%
Union	2	0.1%
Washington	2	0.1%
Webster	2	0.1%
Adair	1	0.1%
Anderson	1	0.1%

County	Cases	Percent
Ballard	1	0.1%
Bath	1	0.1%
Clinton	1	0.1%
Edmonson	1	0.1%
Elliott	1	0.1%
Grayson	1	0.1%
Jackson	1	0.1%
Johnson	1	0.1%
Lincoln	1	0.1%
McLean	1	0.1%
Magoffin	1	0.1%
Martin	1	0.1%
Metcalfe	1	0.1%
Monroe	1	0.1%
Nicholas	1	0.1%
Owen	1	0.1%
Wayne	1	0.1%
Allen	0	0.0%
Carlisle	0	0.0%
Casey	0	0.0%
Cumberland	0	0.0%
Green	0	0.0%
Hancock	0	0.0%
Hart	0	0.0%
Henderson	0	0.0%
Hickman	0	0.0%
Lewis	0	0.0%
Pendleton	0	0.0%
Russell	0	0.0%
Simpson	0	0.0%

Total New Cases
1,470

Total Deaths by County

County	Deaths	Percent
Jefferson	539	20.0%
Fayette	144	5.3%
Warren	84	3.1%
Hopkins	83	3.1%
Daviess	76	2.8%
Kenton	67	2.5%
Christian	51	1.9%
Graves	49	1.8%
Oldham	48	1.8%
Jessamine	47	1.7%
Henderson	46	1.7%
Hardin	42	1.6%
McCracken	41	1.5%
Adair	39	1.4%
Boone	39	1.4%
Logan	39	1.4%
Madison	39	1.4%
Pulaski	39	1.4%
Barren	35	1.3%
Pike	33	1.2%
Grayson	32	1.2%
Boyd	31	1.1%
Bullitt	31	1.1%
Muhlenberg	29	1.1%
Shelby	29	1.1%
Bell	27	1.0%
Russell	27	1.0%
Campbell	26	1.0%
Monroe	26	1.0%
Ohio	26	1.0%

County	Deaths	Percent
Calloway	25	0.9%
Casey	24	0.9%
Lewis	24	0.9%
Harlan	23	0.9%
Lincoln	23	0.9%
Scott	23	0.9%
Jackson	21	0.8%
Franklin	20	0.7%
McLean	20	0.7%
Marion	20	0.7%
Marshall	20	0.7%
Greenup	19	0.7%
Mason	19	0.7%
Lee	18	0.7%
Allen	17	0.6%
Nelson	17	0.6%
Perry	17	0.6%
Taylor	17	0.6%
Butler	16	0.6%
Clinton	16	0.6%
Floyd	16	0.6%
Johnson	16	0.6%
Todd	16	0.6%
Caldwell	15	0.6%
Clark	15	0.6%
Laurel	15	0.6%
Knott	14	0.5%
Edmonson	13	0.5%
Montgomery	12	0.4%
Webster	12	0.4%

County	Deaths	Percent
Hancock	11	0.4%
Washington	11	0.4%
Gallatin	10	0.4%
Green	10	0.4%
Knox	10	0.4%
Martin	10	0.4%
Owsley	10	0.4%
Simpson	10	0.4%
Whitley	10	0.4%
Hart	9	0.3%
Union	9	0.3%
Bath	8	0.3%
Clay	8	0.3%
Rockcastle	8	0.3%
Wayne	8	0.3%
Carroll	7	0.3%
Grant	7	0.3%
Livingston	7	0.3%
Metcalfe	7	0.3%
Carter	6	0.2%
Mercer	6	0.2%
Owen	6	0.2%
Breckinridge	5	0.2%
Hickman	5	0.2%
Lawrence	5	0.2%
Lyon	5	0.2%
Robertson	5	0.2%
Spencer	5	0.2%
Cumberland	4	0.1%
Fulton	4	0.1%

County	Deaths	Percent
Garrard	4	0.1%
Henry	4	0.1%
Larue	4	0.1%
Letcher	4	0.1%
Meade	4	0.1%
Anderson	3	0.1%
Boyle	3	0.1%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Nicholas	3	0.1%
Rowan	3	0.1%
Trigg	3	0.1%
Wolfe	3	0.1%
Ballard	2	0.1%
Fleming	2	0.1%
McCreary	2	0.1%
Menifee	2	0.1%
Trimble	2	0.1%
Bourbon	1	0.0%
Carlisle	1	0.0%
Elliott	1	0.0%
Harrison	1	0.0%
Leslie	1	0.0%
Magoffin	1	0.0%
Pendleton	1	0.0%
Woodford	1	0.0%
Estill	0	0.0%
Morgan	0	0.0%
Powell	0	0.0%

Total Deaths
2,698

Incidence Rates by County

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

County	Rate
Boyle	160.2
Lawrence	134.3
Clinton	121.6
Clay	120.6
Breathitt	106.3
Greenup	101.3
Oldham	98.4
Hancock	98.3
Wayne	97.7
Bourbon	95.3
Graves	89.3
Bell	88.9
Knox	88.5
Fleming	87.2
Pike	86.9
Mercer	86.6
Elliott	83.6
Letcher	81.5
McCreary	81.2
Carlisle	81.0
Cumberland	79.9
Boyd	79.2
Christian	77.2
Butler	75.4
Robertson	74.5
Muhlenberg	74.2
Monroe	73.8
Harlan	73.0
Whitley	72.5
Carter	71.4

County	Rate
Floyd	71.0
Laurel	69.1
Nelson	68.9
Daviess	67.8
Owsley	64.7
Henry	64.7
Allen	64.3
Todd	63.9
Hardin	63.5
Pulaski	62.2
Marshall	61.6
Harrison	60.5
Warren	60.2
Rowan	60.2
Perry	59.9
Hopkins	59.8
Menifee	59.4
Henderson	58.1
Simpson	57.7
Rockcastle	56.5
Woodford	56.1
Kenton	55.9
Taylor	54.9
Webster	54.1
Jackson	53.6
Leslie	53.5
Garrard	53.4
Nicholas	53.1
Boone	53.0
Anderson	52.1

County	Rate
Calloway	52.0
Fayette	51.5
Ohio	50.0
Metcalfe	49.6
Logan	49.5
Meade	49.5
Morgan	49.4
Shelby	49.0
Marion	47.4
Washington	47.2
Bullitt	46.9
Larue	46.6
Lincoln	46.6
Grayson	45.9
Campbell	45.5
Jefferson	45.4
McLean	45.0
McCracken	43.7
Trigg	41.9
Carroll	41.7
Powell	41.6
Russell	41.4
Grant	40.5
Martin	39.6
Knott	38.6
Estill	38.5
Spencer	37.7
Trimble	37.1
Union	36.8
Green	36.6

County	Rate
Jessamine	35.4
Madison	35.3
Breckinridge	34.9
Montgomery	34.5
Mason	34.3
Fulton	33.5
Johnson	33.5
Edmonson	31.7
Franklin	30.8
Lee	28.9
Barren	28.4
Pendleton	28.4
Gallatin	27.4
Adair	26.8
Clark	25.6
Scott	24.8
Casey	24.8
Ballard	23.5
Crittenden	22.7
Owen	22.3
Bath	21.7
Hart	20.3
Caldwell	20.2
Lyon	19.1
Livingston	18.6
Wolfe	18.0
Lewis	16.1
Bracken	15.5
Magoffin	10.6
Hickman	6.5

Current Overall Incidence Rate
55.23 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.