

KY COVID-19 Report 03JAN21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	276,826	222,545	54,281
Deaths	2,723	2,533	190
New Cases	2,860	2,318	542
New Cases 18 and Under	325	253	72
New Deaths	25	20	5

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
10,786	3.9%	0-9	0.0%	1
27,945	10.1%	10-19	0.0%	1
50,874	18.4%	20-29	0.0%	1
42,113	15.2%	30-39	0.7%	19
41,296	14.9%	40-49	1.7%	45
39,855	14.4%	50-59	5.9%	161
31,159	11.3%	60-69	16.5%	449
19,308	7.0%	70-79	26.0%	707
13,334	4.8%	80+	49.2%	1,339
156	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
546	0.3%	American Indian	0.1%	2
2,614	1.3%	Asian	0.7%	17
19,183	9.4%	Black	9.5%	237
176	0.1%	Pacific Islander	0.0%	1
171,641	83.9%	White	87.0%	2,176
10,523	5.1%	Multiracial	2.7%	67

Cases	Case Percent	Ethnicity	Death Percent	Deaths
9,898	5.0%	Hispanic	2.1%	51
188,818	95.0%	Non-Hispanic	97.9%	2,343

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 73.9% of cases and 91.8% 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	13.0%
Deaths	1,916	70.4%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
11,246	101,132	11.12%

Positivity rate is calculated using electronically submitted PCRs from the past seven days. Over the Christmas and New Year's holidays, Kentucky has experienced a significant decrease in test reporting from major laboratories. We expect to see increased fluctuations in the 7-day positivity rate for the week following New Year's holiday due to changes with 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	13,739	4.96%
Ever ICU	3,081	1.11%
Recovered	37,375	13.50%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,677
ICU	421
On Ventilator	196

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,216	5,041	62.0%
ICU Beds	1,134	669	62.9%
Ventilators	595	1,183	33.5%

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	79	28	16	10.0%	27.5%	16.2%	51.89%	53.92%	23.23%
Region 2	109	31	14	13.2%	25.4%	16.9%	47.21%	35.25%	39.76%
Region 3	470	106	55	12.3%	20.3%	12.6%	60.34%	62.19%	31.58%
Region 4	102	35	16	12.0%	32.4%	14.4%	48.59%	76.85%	26.13%
Region 5	305	73	36	11.1%	17.5%	7.0%	68.35%	64.42%	41.39%
Region 6	145	40	16	11.5%	22.9%	14.4%	72.34%	51.43%	56.76%
Region 7	119	14	4	19.0%	21.9%	3.4%	77.83%	75.00%	10.08%
Region 8	170	46	18	14.2%	33.8%	12.3%	59.23%	85.29%	30.14%
Region 9	124	28	15	18.6%	24.6%	15.5%	60.81%	56.14%	23.71%
Region 10	54	20	6	11.4%	44.4%	10.3%	64.77%	95.56%	27.59%

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	52,652	19.0%
Fayette	23,978	8.7%
Warren	10,409	3.8%
Kenton	9,185	3.3%
Boone	7,894	2.9%
Hardin	6,207	2.2%
Daviess	6,080	2.2%
Madison	5,861	2.1%
Campbell	4,720	1.7%
Christian	4,493	1.6%
McCracken	4,391	1.6%
Bullitt	4,274	1.5%
Oldham	4,098	1.5%
Pulaski	3,844	1.4%
Laurel	3,787	1.4%
Boyd	3,194	1.2%
Pike	3,108	1.1%
Shelby	3,101	1.1%
Henderson	3,026	1.1%
Nelson	2,981	1.1%
Whitley	2,878	1.0%
Graves	2,800	1.0%
Hopkins	2,742	1.0%
Jessamine	2,699	1.0%
Barren	2,603	0.9%
Scott	2,549	0.9%
Calloway	2,436	0.9%
Greenup	2,419	0.9%
Boyle	2,390	0.9%
Franklin	2,214	0.8%

County	Cases	Percent
Muhlenberg	2,022	0.7%
Floyd	1,930	0.7%
Bell	1,889	0.7%
Knox	1,866	0.7%
Taylor	1,774	0.6%
Logan	1,745	0.6%
Clay	1,701	0.6%
Harlan	1,657	0.6%
Marshall	1,623	0.6%
Perry	1,616	0.6%
Marion	1,548	0.6%
Ohio	1,544	0.6%
Lincoln	1,489	0.5%
Clark	1,487	0.5%
Mercer	1,466	0.5%
Montgomery	1,459	0.5%
Carter	1,444	0.5%
Wayne	1,394	0.5%
Grayson	1,331	0.5%
Woodford	1,326	0.5%
Grant	1,280	0.5%
Rowan	1,276	0.5%
Hart	1,241	0.4%
Adair	1,224	0.4%
Simpson	1,223	0.4%
Allen	1,199	0.4%
Meade	1,186	0.4%
Johnson	1,172	0.4%
McCreary	1,130	0.4%
Letcher	1,127	0.4%

County	Cases	Percent
Russell	1,121	0.4%
Lee	1,051	0.4%
Anderson	1,025	0.4%
Spencer	1,012	0.4%
Garrard	989	0.4%
Bourbon	987	0.4%
Union	973	0.4%
Monroe	971	0.4%
Mason	961	0.3%
Caldwell	902	0.3%
Rockcastle	902	0.3%
Washington	889	0.3%
Jackson	876	0.3%
Clinton	869	0.3%
Larue	847	0.3%
Henry	843	0.3%
Casey	838	0.3%
Lawrence	837	0.3%
Elliott	828	0.3%
Harrison	827	0.3%
Butler	825	0.3%
Lewis	805	0.3%
Green	775	0.3%
Webster	775	0.3%
Fleming	766	0.3%
Knott	756	0.3%
Todd	720	0.3%
Powell	715	0.3%
Magoffin	707	0.3%
Trigg	701	0.3%

County	Cases	Percent
Estill	693	0.3%
Breckinridge	687	0.2%
Martin	676	0.2%
Breathitt	655	0.2%
Metcalf	621	0.2%
Pendleton	619	0.2%
McLean	571	0.2%
Morgan	561	0.2%
Edmonson	553	0.2%
Carroll	548	0.2%
Bath	515	0.2%
Livingston	503	0.2%
Leslie	493	0.2%
Hancock	485	0.2%
Gallatin	436	0.2%
Owen	434	0.2%
Cumberland	422	0.2%
Trimble	386	0.1%
Crittenden	376	0.1%
Fulton	373	0.1%
Carlisle	344	0.1%
Lyon	338	0.1%
Owsley	321	0.1%
Wolfe	308	0.1%
Nicholas	293	0.1%
Bracken	290	0.1%
Ballard	244	0.1%
Menifee	236	0.1%
Hickman	225	0.1%
Robertson	144	0.1%

Total Cases
276,826

New Cases by County

County	Cases	Percent
Jefferson	397	13.9%
Fayette	221	7.7%
Kenton	136	4.8%
Boone	125	4.4%
Warren	116	4.1%
Daviess	98	3.4%
Pulaski	90	3.1%
Boyd	77	2.7%
Campbell	63	2.2%
Boyle	59	2.1%
Oldham	56	2.0%
Whitley	56	2.0%
Bullitt	50	1.7%
Scott	44	1.5%
Henderson	42	1.5%
Harlan	38	1.3%
Ohio	38	1.3%
Calloway	37	1.3%
Graves	37	1.3%
Harrison	37	1.3%
Christian	36	1.3%
Laurel	36	1.3%
Franklin	35	1.2%
Jessamine	30	1.0%
Madison	30	1.0%
Wayne	30	1.0%
Barren	29	1.0%
Mercer	29	1.0%
McCracken	25	0.9%
Floyd	23	0.8%

County	Cases	Percent
Johnson	21	0.7%
Anderson	20	0.7%
Clark	20	0.7%
Shelby	20	0.7%
Hopkins	19	0.7%
Letcher	19	0.7%
Taylor	19	0.7%
Montgomery	18	0.6%
Green	17	0.6%
Nelson	16	0.6%
Rockcastle	16	0.6%
Garrard	15	0.5%
Hardin	15	0.5%
Trigg	15	0.5%
Grayson	14	0.5%
Webster	14	0.5%
Breckinridge	13	0.5%
Caldwell	13	0.5%
Knox	13	0.5%
Lawrence	13	0.5%
Perry	13	0.5%
Russell	13	0.5%
Clinton	12	0.4%
Crittenden	12	0.4%
Allen	11	0.4%
Bell	11	0.4%
Cumberland	11	0.4%
Hancock	11	0.4%
Muhlenberg	11	0.4%
Nicholas	11	0.4%

County	Cases	Percent
Grant	10	0.3%
Logan	10	0.3%
McLean	10	0.3%
Pike	10	0.3%
Adair	9	0.3%
Carter	9	0.3%
Clay	9	0.3%
Elliott	9	0.3%
Greenup	9	0.3%
Hart	9	0.3%
Lincoln	9	0.3%
McCreary	9	0.3%
Morgan	9	0.3%
Simpson	9	0.3%
Edmonson	8	0.3%
Lyon	8	0.3%
Woodford	8	0.3%
Marshall	7	0.2%
Union	7	0.2%
Bourbon	6	0.2%
Butler	6	0.2%
Carroll	6	0.2%
Casey	6	0.2%
Fleming	6	0.2%
Jackson	6	0.2%
Martin	6	0.2%
Powell	6	0.2%
Breathitt	5	0.2%
Leslie	5	0.2%
Carlisle	4	0.1%

County	Cases	Percent
Lee	4	0.1%
Lewis	4	0.1%
Menifee	4	0.1%
Metcalfe	4	0.1%
Pendleton	4	0.1%
Estill	3	0.1%
Livingston	3	0.1%
Marion	3	0.1%
Mason	3	0.1%
Meade	3	0.1%
Monroe	3	0.1%
Wolfe	3	0.1%
Ballard	2	0.1%
Bracken	2	0.1%
Fulton	2	0.1%
Henry	2	0.1%
Larue	2	0.1%
Owsley	2	0.1%
Rowan	2	0.1%
Spencer	2	0.1%
Gallatin	1	0.0%
Magoffin	1	0.0%
Owen	1	0.0%
Robertson	1	0.0%
Todd	1	0.0%
Trimble	1	0.0%
Washington	1	0.0%
Bath	0	0.0%
Hickman	0	0.0%
Knott	0	0.0%

Total New Cases
2,860

Total Deaths by County

County	Deaths	Percent
Jefferson	539	19.8%
Fayette	147	5.4%
Warren	84	3.1%
Hopkins	83	3.0%
Daviess	76	2.8%
Kenton	69	2.5%
Christian	51	1.9%
Graves	51	1.9%
Oldham	48	1.8%
Jessamine	47	1.7%
Henderson	46	1.7%
Boone	43	1.6%
Hardin	42	1.5%
McCracken	41	1.5%
Adair	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%
Campbell	30	1.1%
Muhlenberg	29	1.1%
Shelby	29	1.1%
Bell	27	1.0%
Russell	27	1.0%
Monroe	26	1.0%
Ohio	26	1.0%

County	Deaths	Percent
Calloway	25	0.9%
Lincoln	25	0.9%
Casey	24	0.9%
Lewis	24	0.9%
Harlan	23	0.8%
Scott	23	0.8%
Jackson	21	0.8%
Marshall	21	0.8%
Franklin	20	0.7%
McLean	20	0.7%
Marion	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%
Caldwell	16	0.6%
Clinton	16	0.6%
Floyd	16	0.6%
Johnson	16	0.6%
Todd	16	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%
Livingston	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%
Grant	8	0.3%
Rockcastle	8	0.3%
Wayne	8	0.3%
Carroll	7	0.3%
Metcalfe	7	0.3%
Carter	6	0.2%
Lyon	6	0.2%
Mercer	6	0.2%
Owen	6	0.2%
Breckinridge	5	0.2%
Hickman	5	0.2%
Lawrence	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
2,723

Incidence Rates by County

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

County	Rate
Boyle	171.6
Lawrence	137.1
Clinton	130.0
Clay	124.9
Hancock	108.1
Mercer	105.5
Oldham	105.4
Wayne	104.0
Greenup	101.8
Bourbon	97.5
Graves	96.2
Knox	93.1
Breathitt	92.7
Boyd	92.3
Whitley	92.2
Fleming	92.1
Bell	91.6
Harlan	89.5
Pike	88.1
Harrison	87.7
Cumberland	84.2
Carlisle	84.0
Christian	80.1
Butler	76.5
Muhlenberg	76.0
Elliott	76.0
Laurel	75.6
Floyd	75.1
Pulaski	73.7
Daviess	73.5

County	Rate
Letcher	72.9
Nicholas	72.7
Monroe	72.4
McCreary	72.1
Allen	70.4
Ohio	69.7
Carter	69.3
Warren	69.2
Robertson	67.8
Nelson	67.7
Rockcastle	66.7
Hopkins	64.9
Anderson	64.1
Todd	63.9
Perry	63.2
Webster	62.9
Marshall	62.5
Kenton	62.4
Simpson	62.3
Owsley	61.5
Garrard	61.5
Rowan	60.2
Menifee	59.4
Boone	59.4
Hardin	59.1
Taylor	58.8
Jackson	57.9
Leslie	57.9
Fayette	56.9
Woodford	56.1

County	Rate
Metcalfe	55.3
Green	54.8
Morgan	54.7
McLean	54.3
Logan	52.7
Henderson	51.5
Shelby	50.7
Campbell	50.7
Calloway	49.8
Jefferson	49.4
Trigg	48.8
Carroll	48.4
Johnson	47.0
Bullitt	46.9
Marion	46.7
Powell	46.2
Russell	46.2
Henry	46.1
Larue	45.6
Meade	45.5
Grayson	45.4
Washington	44.9
Martin	44.7
Lincoln	43.6
Grant	42.2
McCracken	42.1
Breckinridge	41.9
Estill	41.5
Jessamine	40.9
Fulton	40.7

County	Rate
Montgomery	39.1
Edmonson	38.8
Madison	37.5
Knott	36.7
Franklin	36.4
Barren	35.8
Crittenden	35.7
Spencer	34.7
Union	33.8
Trimble	33.7
Caldwell	33.6
Pendleton	32.3
Adair	32.0
Mason	31.0
Scott	30.3
Lyon	29.6
Gallatin	29.0
Clark	28.8
Lee	27.0
Hart	26.3
Casey	24.8
Owen	23.6
Ballard	23.5
Wolfe	20.0
Bath	19.4
Lewis	19.4
Bracken	18.9
Livingston	18.6
Magoffin	12.9
Hickman	6.5

Current Overall Incidence Rate
59.43 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.