

KY COVID-19 Report 08JAN21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	296,167	237,108	59,059
Deaths	2,856	2,652	204
New Cases	4,750	3,667	1,083
New Cases 18 and Under	581	427	154
New Deaths	13	9	4

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
11,606	3.9%	0-9	0.0%	1
29,835	10.1%	10-19	0.0%	1
54,445	18.4%	20-29	0.0%	1
45,356	15.3%	30-39	0.7%	20
44,247	14.9%	40-49	1.7%	48
42,705	14.4%	50-59	5.8%	165
33,264	11.2%	60-69	16.6%	475
20,531	6.9%	70-79	25.7%	735
14,026	4.7%	80+	49.4%	1,410
152	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
584	0.2%	American Indian	0.1%	2
2,773	1.2%	Asian	0.6%	17
20,269	8.7%	Black	9.3%	243
243	0.1%	Pacific Islander	0.0%	1
198,913	84.9%	White	87.4%	2,288
11,372	4.9%	Multiracial	2.6%	68

Cases	Case Percent	Ethnicity	Death Percent	Deaths
13,672	6.2%	Hispanic	2.1%	52
205,174	93.8%	Non-Hispanic	97.9%	2,462

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 79.1% of cases and 91.7% of deaths
Ethnicity known for 73.9% of cases and 88.0% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	38,267	12.9%
Deaths	2,021	70.8%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
12,185	102,293	11.91%

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
3,605,007	3,300,295	103,203	201,509	225,479	197,538	7,264	20,677

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	14,359	4.85%
Ever ICU	3,192	1.08%
Recovered	38,445	12.98%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,748
ICU	393
On Ventilator	217

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,989	4,275	67.8%
ICU Beds	1,188	615	65.9%
Ventilators	617	1,172	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	97	19	12	12.2%	18.6%	12.1%	63.89%	62.75%	21.21%
Region 2	125	31	17	15.2%	25.4%	20.5%	51.09%	44.26%	42.17%
Region 3	506	108	62	13.3%	20.7%	14.2%	68.10%	63.53%	35.93%
Region 4	106	32	19	12.4%	29.6%	17.6%	55.28%	82.41%	30.56%
Region 5	304	58	40	11.0%	13.9%	7.7%	74.48%	68.75%	38.15%
Region 6	161	41	16	12.8%	23.4%	14.2%	79.01%	52.57%	61.06%
Region 7	111	14	5	17.7%	21.9%	4.1%	71.13%	64.06%	12.40%
Region 8	175	43	19	14.6%	31.6%	12.8%	63.32%	90.44%	32.21%
Region 9	118	33	22	17.7%	28.9%	22.0%	71.77%	63.16%	25.00%
Region 10	45	14	5	9.5%	31.1%	8.3%	55.27%	80.00%	26.67%

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	55,612	18.8%
Fayette	25,219	8.5%
Warren	11,202	3.8%
Kenton	9,906	3.3%
Boone	8,482	2.9%
Hardin	6,682	2.3%
Daviess	6,613	2.2%
Madison	6,197	2.1%
Campbell	5,086	1.7%
Christian	4,836	1.6%
Bullitt	4,602	1.6%
McCracken	4,585	1.5%
Oldham	4,541	1.5%
Laurel	4,128	1.4%
Pulaski	4,030	1.4%
Boyd	3,520	1.2%
Pike	3,382	1.1%
Shelby	3,265	1.1%
Nelson	3,234	1.1%
Henderson	3,223	1.1%
Whitley	3,074	1.0%
Graves	3,021	1.0%
Hopkins	2,990	1.0%
Jessamine	2,865	1.0%
Scott	2,768	0.9%
Barren	2,730	0.9%
Boyle	2,654	0.9%
Greenup	2,593	0.9%
Calloway	2,581	0.9%
Franklin	2,334	0.8%

County	Cases	Percent
Muhlenberg	2,185	0.7%
Floyd	2,100	0.7%
Knox	2,044	0.7%
Bell	2,011	0.7%
Logan	1,868	0.6%
Taylor	1,857	0.6%
Harlan	1,814	0.6%
Marshall	1,809	0.6%
Clay	1,808	0.6%
Perry	1,702	0.6%
Ohio	1,678	0.6%
Marion	1,638	0.6%
Clark	1,632	0.6%
Mercer	1,604	0.5%
Lincoln	1,598	0.5%
Montgomery	1,569	0.5%
Carter	1,504	0.5%
Wayne	1,502	0.5%
Woodford	1,420	0.5%
Grayson	1,415	0.5%
Rowan	1,383	0.5%
Grant	1,345	0.5%
Simpson	1,305	0.4%
Hart	1,296	0.4%
Allen	1,287	0.4%
Meade	1,284	0.4%
Johnson	1,277	0.4%
Adair	1,268	0.4%
Letcher	1,210	0.4%
McCreary	1,209	0.4%

County	Cases	Percent
Russell	1,156	0.4%
Anderson	1,146	0.4%
Bourbon	1,093	0.4%
Spencer	1,085	0.4%
Lee	1,075	0.4%
Garrard	1,052	0.4%
Monroe	1,034	0.3%
Union	1,005	0.3%
Mason	1,003	0.3%
Rockcastle	985	0.3%
Jackson	954	0.3%
Clinton	944	0.3%
Harrison	939	0.3%
Washington	939	0.3%
Caldwell	928	0.3%
Morgan	922	0.3%
Lawrence	911	0.3%
Henry	896	0.3%
Larue	896	0.3%
Butler	891	0.3%
Lewis	881	0.3%
Casey	861	0.3%
Webster	859	0.3%
Elliott	845	0.3%
Fleming	812	0.3%
Green	802	0.3%
Knott	794	0.3%
Todd	794	0.3%
Breckinridge	763	0.3%
Powell	748	0.3%

County	Cases	Percent
Magoffin	735	0.2%
Trigg	733	0.2%
Estill	728	0.2%
Martin	726	0.2%
Breathitt	702	0.2%
Metcalfe	663	0.2%
Pendleton	662	0.2%
Carroll	645	0.2%
McLean	622	0.2%
Edmonson	595	0.2%
Bath	561	0.2%
Hancock	556	0.2%
Leslie	552	0.2%
Livingston	527	0.2%
Cumberland	470	0.2%
Gallatin	467	0.2%
Owen	452	0.2%
Trimble	429	0.1%
Crittenden	422	0.1%
Fulton	388	0.1%
Carlisle	364	0.1%
Lyon	349	0.1%
Owsley	342	0.1%
Nicholas	339	0.1%
Wolfe	332	0.1%
Bracken	314	0.1%
Ballard	258	0.1%
Menifee	249	0.1%
Hickman	230	0.1%
Robertson	164	0.1%

Total Cases
296,167

New Cases by County

County	Cases	Percent
Jefferson	758	16.0%
Fayette	302	6.4%
Oldham	181	3.8%
Kenton	171	3.6%
Warren	170	3.6%
Morgan	152	3.2%
Daviess	145	3.1%
Hardin	145	3.1%
Boone	111	2.3%
Campbell	94	2.0%
Laurel	91	1.9%
Boyle	88	1.9%
Christian	81	1.7%
Graves	73	1.5%
Madison	72	1.5%
Scott	68	1.4%
Bullitt	65	1.4%
Boyd	62	1.3%
Nelson	62	1.3%
McCracken	54	1.1%
Carroll	53	1.1%
Pike	49	1.0%
Knox	48	1.0%
Jessamine	46	1.0%
Marshall	44	0.9%
Montgomery	44	0.9%
Franklin	42	0.9%
Henderson	42	0.9%
Floyd	41	0.9%
Hopkins	40	0.8%

County	Cases	Percent
Pulaski	39	0.8%
Barren	38	0.8%
Harlan	35	0.7%
Shelby	35	0.7%
Bell	34	0.7%
Meade	33	0.7%
Whitley	32	0.7%
Calloway	31	0.7%
Clay	31	0.7%
Letcher	31	0.7%
Clark	30	0.6%
Harrison	30	0.6%
Logan	30	0.6%
Greenup	28	0.6%
Muhlenberg	28	0.6%
Webster	27	0.6%
Ohio	26	0.5%
Mercer	25	0.5%
Lincoln	24	0.5%
Metcalfe	24	0.5%
Perry	24	0.5%
Anderson	22	0.5%
Bath	22	0.5%
Rockcastle	22	0.5%
Rowan	21	0.4%
Grayson	20	0.4%
Garrard	19	0.4%
Woodford	19	0.4%
Allen	18	0.4%
Clinton	18	0.4%

County	Cases	Percent
Simpson	18	0.4%
Wayne	17	0.4%
Trimble	16	0.3%
Hancock	15	0.3%
McCreary	15	0.3%
McLean	15	0.3%
Powell	15	0.3%
Leslie	14	0.3%
Marion	14	0.3%
Monroe	14	0.3%
Breckinridge	13	0.3%
Butler	13	0.3%
Jackson	13	0.3%
Johnson	13	0.3%
Larue	13	0.3%
Robertson	13	0.3%
Taylor	13	0.3%
Spencer	12	0.3%
Todd	12	0.3%
Trigg	12	0.3%
Bourbon	11	0.2%
Breathitt	11	0.2%
Carlisle	11	0.2%
Grant	10	0.2%
Henry	10	0.2%
Mason	10	0.2%
Adair	9	0.2%
Edmonson	9	0.2%
Gallatin	9	0.2%
Hart	9	0.2%

County	Cases	Percent
Knott	9	0.2%
Lawrence	9	0.2%
Pendleton	9	0.2%
Union	9	0.2%
Bracken	8	0.2%
Fleming	8	0.2%
Nicholas	8	0.2%
Owen	8	0.2%
Ballard	7	0.1%
Cumberland	7	0.1%
Owsley	7	0.1%
Washington	7	0.1%
Lewis	6	0.1%
Livingston	6	0.1%
Martin	6	0.1%
Russell	6	0.1%
Caldwell	5	0.1%
Magoffin	5	0.1%
Wolfe	5	0.1%
Estill	4	0.1%
Menifee	4	0.1%
Carter	3	0.1%
Casey	3	0.1%
Elliott	3	0.1%
Green	3	0.1%
Fulton	2	0.0%
Lyon	2	0.0%
Hickman	1	0.0%
Lee	1	0.0%
Crittenden	0	0.0%

Total New Cases
4,750

Total Deaths by County

County	Deaths	Percent
Jefferson	555	19.4%
Fayette	153	5.4%
Hopkins	90	3.2%
Warren	84	2.9%
Kenton	78	2.7%
Daviess	76	2.7%
Christian	56	2.0%
Graves	51	1.8%
Pulaski	48	1.7%
Jessamine	47	1.6%
Oldham	47	1.6%
Henderson	46	1.6%
McCracken	46	1.6%
Boone	45	1.6%
Hardin	44	1.5%
Logan	40	1.4%
Adair	39	1.4%
Madison	39	1.4%
Pike	38	1.3%
Barren	35	1.2%
Grayson	35	1.2%
Campbell	34	1.2%
Boyd	31	1.1%
Bullitt	31	1.1%
Muhlenberg	30	1.1%
Russell	29	1.0%
Shelby	29	1.0%
Bell	28	1.0%
Monroe	28	1.0%
Calloway	27	0.9%

County	Deaths	Percent
Ohio	27	0.9%
Lewis	26	0.9%
Lincoln	26	0.9%
Casey	25	0.9%
Harlan	25	0.9%
Marshall	25	0.9%
Scott	23	0.8%
Franklin	21	0.7%
Jackson	21	0.7%
Mason	21	0.7%
McLean	20	0.7%
Marion	20	0.7%
Greenup	19	0.7%
Nelson	19	0.7%
Taylor	19	0.7%
Lee	18	0.6%
Allen	17	0.6%
Clinton	17	0.6%
Laurel	17	0.6%
Perry	17	0.6%
Butler	16	0.6%
Caldwell	16	0.6%
Floyd	16	0.6%
Johnson	16	0.6%
Todd	16	0.6%
Clark	15	0.5%
Knott	14	0.5%
Edmonson	13	0.5%
Livingston	12	0.4%
Montgomery	12	0.4%

County	Deaths	Percent
Simpson	12	0.4%
Washington	12	0.4%
Webster	12	0.4%
Gallatin	11	0.4%
Green	11	0.4%
Hancock	11	0.4%
Wayne	11	0.4%
Carter	10	0.4%
Grant	10	0.4%
Knox	10	0.4%
Martin	10	0.4%
Owsley	10	0.4%
Whitley	10	0.4%
Bath	9	0.3%
Clay	9	0.3%
Hart	9	0.3%
Rockcastle	9	0.3%
Union	9	0.3%
Mercer	8	0.3%
Carroll	7	0.2%
Hickman	7	0.2%
Lyon	7	0.2%
Metcalfe	7	0.2%
Owen	6	0.2%
Boyle	5	0.2%
Breckinridge	5	0.2%
Cumberland	5	0.2%
Lawrence	5	0.2%
Robertson	5	0.2%
Spencer	5	0.2%

County	Deaths	Percent
Fulton	4	0.1%
Garrard	4	0.1%
Henry	4	0.1%
Larue	4	0.1%
Letcher	4	0.1%
Meade	4	0.1%
Wolfe	4	0.1%
Anderson	3	0.1%
Ballard	3	0.1%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Fleming	3	0.1%
McCreary	3	0.1%
Nicholas	3	0.1%
Rowan	3	0.1%
Trigg	3	0.1%
Menifee	2	0.1%
Trimble	2	0.1%
Woodford	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%
Estill	0	0.0%
Morgan	0	0.0%
Powell	0	0.0%

Total Deaths
2,856

Incidence Rates by County

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

County	Rate
Morgan	377.8
Carroll	138.4
Hancock	134.3
Harrison	124.1
Clinton	123.0
Boyd	122.0
Cumberland	121.0
Mercer	117.9
Boyle	113.1
Harlan	112.0
Ohio	107.2
Webster	107.1
Graves	103.5
Robertson	101.7
Wayne	99.8
Warren	98.1
Whitley	97.3
Lawrence	97.0
McLean	96.2
Knox	94.0
Nicholas	92.4
Oldham	91.7
Daviess	91.3
Laurel	90.2
Jackson	87.9
Marshall	87.7
Rockcastle	87.3
Monroe	87.2
Muhlenberg	85.8
Floyd	85.5

County	Rate
Clay	85.4
Leslie	85.3
Letcher	84.8
Todd	84.8
Anderson	84.8
Nelson	84.7
Greenup	83.8
Pike	83.7
Hopkins	83.4
Johnson	82.4
Bell	80.7
Christian	80.5
Owsley	77.7
Butler	75.4
Henderson	74.3
Kenton	74.3
Trimble	74.2
McCreary	73.8
Boone	73.6
Martin	72.7
Calloway	71.8
Logan	71.7
Simpson	71.5
Allen	69.7
Bullitt	69.4
Campbell	68.1
Hardin	67.5
Rowan	67.2
Bourbon	67.1
Fayette	67.0

County	Rate
Marion	66.7
Clark	66.2
Jefferson	66.0
Garrard	64.7
Metcalfe	63.8
Taylor	63.8
Breckinridge	62.8
Madison	61.1
Pulaski	61.1
Breathitt	59.9
Wolfe	59.9
Perry	59.3
Washington	59.1
Edmonson	58.8
Scott	58.4
Carlisle	57.0
Shelby	56.2
Green	56.1
Spencer	55.4
Lee	54.0
Woodford	54.0
Larue	53.6
Meade	53.5
Jessamine	53.1
Lincoln	53.0
Grayson	52.4
Henry	52.3
Powell	52.0
Fleming	51.9
Barren	51.0

County	Rate
Gallatin	49.9
Fulton	47.9
Franklin	46.2
Montgomery	45.7
Hart	44.3
Carter	44.2
Pendleton	44.1
Grant	43.3
McCracken	43.0
Bracken	43.0
Lewis	42.0
Knott	41.5
Union	40.7
Russell	39.1
Estill	38.5
Bath	36.6
Elliott	36.1
Mason	36.0
Menifee	35.2
Adair	35.0
Ballard	34.4
Livingston	34.2
Magoffin	32.9
Crittenden	32.4
Trigg	31.2
Owen	28.8
Casey	26.5
Caldwell	22.4
Lyon	19.1
Hickman	13.0

Current Overall Incidence Rate
71.71 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.