

KY COVID-19 Report 10JAN21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	303,625	242,993	60,632
Deaths	2,901	2,692	209
New Cases	3,232	2,686	546
New Cases 18 and Under	389	313	76
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
11,870	3.9%	0-9	0.0%	1
30,573	10.1%	10-19	0.0%	1
55,887	18.4%	20-29	0.0%	1
46,641	15.4%	30-39	0.7%	21
45,454	15.0%	40-49	1.7%	49
43,806	14.4%	50-59	5.9%	171
34,008	11.2%	60-69	16.6%	481
20,952	6.9%	70-79	25.6%	744
14,272	4.7%	80+	49.4%	1,432
162	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
590	0.2%	American Indian	0.1%	2
2,823	1.2%	Asian	0.6%	17
20,565	8.6%	Black	9.2%	245
243	0.1%	Pacific Islander	0.0%	1
202,750	85.0%	White	87.5%	2,328
11,687	4.9%	Multiracial	2.6%	69

Cases	Case Percent	Ethnicity	Death Percent	Deaths
13,811	6.2%	Hispanic	2.1%	53
210,580	93.8%	Non-Hispanic	97.9%	2,501

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 78.6% of cases and 91.8% 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	12.6%
Deaths	2,021	69.7%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
14,040	112,785	12.45%

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
3,619,434	3,310,799	103,544	205,091	226,957	198,605	7,341	21,011

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	14,560	4.80%
Ever ICU	3,228	1.06%
Recovered	39,006	12.85%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,713
ICU	380
On Ventilator	212

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,814	4,465	66.4%
ICU Beds	1,181	622	65.5%
Ventilators	606	1,161	34.3%

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	91	26	13	11.5%	25.5%	13.1%	59.22%	59.80%	29.29%
Region 2	128	31	18	15.5%	25.4%	21.7%	51.46%	48.36%	44.58%
Region 3	498	101	57	13.1%	19.4%	13.0%	65.53%	61.04%	37.07%
Region 4	122	35	21	14.3%	32.4%	18.6%	57.75%	86.11%	29.20%
Region 5	275	52	36	9.9%	12.5%	7.2%	73.82%	69.95%	37.05%
Region 6	141	35	16	11.1%	20.0%	14.3%	77.03%	45.14%	54.46%
Region 7	98	10	3	15.6%	15.6%	2.5%	72.73%	79.69%	5.93%
Region 8	187	43	20	15.6%	31.6%	13.7%	59.98%	83.82%	32.88%
Region 9	123	34	21	18.5%	29.8%	21.2%	68.92%	63.16%	24.24%
Region 10	50	13	7	10.5%	28.9%	12.1%	58.86%	95.56%	32.76%

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	56,760	18.7%
Fayette	25,725	8.5%
Warren	11,473	3.8%
Kenton	10,184	3.4%
Boone	8,739	2.9%
Daviess	6,821	2.2%
Hardin	6,816	2.2%
Madison	6,320	2.1%
Campbell	5,217	1.7%
Christian	4,931	1.6%
Oldham	4,697	1.5%
McCracken	4,671	1.5%
Bullitt	4,648	1.5%
Laurel	4,231	1.4%
Pulaski	4,120	1.4%
Boyd	3,622	1.2%
Pike	3,488	1.1%
Henderson	3,343	1.1%
Shelby	3,339	1.1%
Nelson	3,334	1.1%
Whitley	3,120	1.0%
Graves	3,076	1.0%
Hopkins	3,050	1.0%
Jessamine	2,927	1.0%
Scott	2,833	0.9%
Barren	2,806	0.9%
Boyle	2,752	0.9%
Greenup	2,662	0.9%
Calloway	2,644	0.9%
Franklin	2,413	0.8%

County	Cases	Percent
Muhlenberg	2,237	0.7%
Floyd	2,154	0.7%
Knox	2,085	0.7%
Bell	2,073	0.7%
Clay	1,954	0.6%
Taylor	1,916	0.6%
Logan	1,892	0.6%
Harlan	1,857	0.6%
Marshall	1,829	0.6%
Ohio	1,733	0.6%
Perry	1,729	0.6%
Clark	1,693	0.6%
Marion	1,674	0.6%
Mercer	1,649	0.5%
Lincoln	1,633	0.5%
Montgomery	1,614	0.5%
Carter	1,528	0.5%
Wayne	1,512	0.5%
Woodford	1,466	0.5%
Grayson	1,446	0.5%
Rowan	1,426	0.5%
Grant	1,379	0.5%
Hart	1,334	0.4%
Simpson	1,334	0.4%
Allen	1,325	0.4%
Meade	1,319	0.4%
Johnson	1,317	0.4%
Morgan	1,291	0.4%
Adair	1,280	0.4%
Letcher	1,267	0.4%

County	Cases	Percent
McCreary	1,216	0.4%
Russell	1,176	0.4%
Anderson	1,173	0.4%
Bourbon	1,113	0.4%
Spencer	1,111	0.4%
Lee	1,077	0.4%
Garrard	1,071	0.4%
Monroe	1,047	0.3%
Union	1,029	0.3%
Mason	1,014	0.3%
Harrison	1,005	0.3%
Rockcastle	1,004	0.3%
Caldwell	990	0.3%
Jackson	986	0.3%
Clinton	976	0.3%
Washington	959	0.3%
Lawrence	932	0.3%
Henry	918	0.3%
Butler	914	0.3%
Larue	908	0.3%
Lewis	900	0.3%
Webster	895	0.3%
Casey	875	0.3%
Elliott	850	0.3%
Fleming	825	0.3%
Todd	816	0.3%
Green	812	0.3%
Knott	798	0.3%
Breckinridge	789	0.3%
Trigg	771	0.3%

County	Cases	Percent
Powell	762	0.3%
Magoffin	749	0.2%
Estill	737	0.2%
Martin	735	0.2%
Breathitt	717	0.2%
Metcalfe	679	0.2%
Carroll	676	0.2%
Pendleton	674	0.2%
McLean	638	0.2%
Edmonson	603	0.2%
Bath	589	0.2%
Hancock	569	0.2%
Leslie	569	0.2%
Livingston	551	0.2%
Cumberland	486	0.2%
Gallatin	477	0.2%
Owen	464	0.2%
Crittenden	442	0.1%
Trimble	436	0.1%
Fulton	389	0.1%
Carlisle	369	0.1%
Lyon	362	0.1%
Nicholas	354	0.1%
Owsley	344	0.1%
Wolfe	342	0.1%
Bracken	340	0.1%
Ballard	264	0.1%
Menifee	252	0.1%
Hickman	231	0.1%
Robertson	166	0.1%

Total Cases
303,625

New Cases by County

County	Cases	Percent
Jefferson	610	18.9%
Fayette	238	7.4%
Morgan	152	4.7%
Boone	131	4.1%
Kenton	124	3.8%
Warren	98	3.0%
Daviess	82	2.5%
Campbell	73	2.3%
Madison	73	2.3%
Bullitt	58	1.8%
Boyd	57	1.8%
Hardin	52	1.6%
Pike	49	1.5%
Nelson	48	1.5%
Shelby	44	1.4%
Scott	40	1.2%
McCracken	39	1.2%
Boyle	38	1.2%
Franklin	38	1.2%
Oldham	38	1.2%
Bell	35	1.1%
Calloway	34	1.1%
Jessamine	34	1.1%
Harrison	33	1.0%
Barren	32	1.0%
Greenup	32	1.0%
Pulaski	31	1.0%
Letcher	30	0.9%
Muhlenberg	30	0.9%
Floyd	29	0.9%

County	Cases	Percent
Meade	25	0.8%
Henderson	23	0.7%
Woodford	23	0.7%
Clinton	22	0.7%
Ohio	22	0.7%
Taylor	22	0.7%
Trigg	22	0.7%
Mercer	21	0.6%
Webster	21	0.6%
Whitley	21	0.6%
Caldwell	20	0.6%
Christian	20	0.6%
Johnson	20	0.6%
Grant	18	0.6%
Rowan	18	0.6%
Graves	17	0.5%
Laurel	17	0.5%
Perry	17	0.5%
Butler	16	0.5%
Lincoln	16	0.5%
Anderson	15	0.5%
Clark	15	0.5%
Allen	13	0.4%
Grayson	13	0.4%
Harlan	13	0.4%
Knox	13	0.4%
Montgomery	13	0.4%
Spencer	13	0.4%
Carroll	12	0.4%
Hopkins	12	0.4%

County	Cases	Percent
Lewis	12	0.4%
Livingston	12	0.4%
Hart	11	0.3%
Lyon	11	0.3%
Bourbon	10	0.3%
Carter	10	0.3%
Leslie	10	0.3%
Simpson	10	0.3%
Cumberland	9	0.3%
Marion	9	0.3%
Union	9	0.3%
Breckinridge	8	0.2%
Casey	8	0.2%
Henry	8	0.2%
Marshall	8	0.2%
Garrard	7	0.2%
Larue	7	0.2%
Logan	7	0.2%
Fleming	6	0.2%
Nicholas	6	0.2%
Rockcastle	6	0.2%
Trimble	6	0.2%
Washington	6	0.2%
Wayne	6	0.2%
Estill	5	0.2%
Lawrence	5	0.2%
McCreary	5	0.2%
Clay	4	0.1%
Crittenden	4	0.1%
Green	4	0.1%

County	Cases	Percent
Hancock	4	0.1%
McLean	4	0.1%
Martin	4	0.1%
Metcalfe	4	0.1%
Ballard	3	0.1%
Breathitt	3	0.1%
Carlisle	3	0.1%
Edmonson	3	0.1%
Elliott	3	0.1%
Gallatin	3	0.1%
Jackson	3	0.1%
Magoffin	3	0.1%
Russell	3	0.1%
Wolfe	3	0.1%
Adair	2	0.1%
Bath	2	0.1%
Knott	2	0.1%
Lee	2	0.1%
Menifee	2	0.1%
Monroe	2	0.1%
Owen	2	0.1%
Pendleton	2	0.1%
Todd	2	0.1%
Bracken	1	0.0%
Fulton	1	0.0%
Powell	1	0.0%
Robertson	1	0.0%
Hickman	0	0.0%
Mason	0	0.0%
Owsley	0	0.0%

Total New Cases
3,232

Total Deaths by County

County	Deaths	Percent
Jefferson	565	19.5%
Fayette	159	5.5%
Hopkins	93	3.2%
Warren	84	2.9%
Kenton	78	2.7%
Daviess	76	2.6%
Christian	56	1.9%
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%
Madison	42	1.4%
Adair	41	1.4%
Logan	40	1.4%
Pike	38	1.3%
Grayson	36	1.2%
Barren	35	1.2%
Campbell	34	1.2%
Boyd	31	1.1%
Bullitt	31	1.1%
Muhlenberg	30	1.0%
Bell	29	1.0%
Calloway	29	1.0%
Russell	29	1.0%
Shelby	29	1.0%
Monroe	28	1.0%

County	Deaths	Percent
Lincoln	27	0.9%
Ohio	27	0.9%
Casey	26	0.9%
Harlan	26	0.9%
Lewis	26	0.9%
Marshall	25	0.9%
Scott	23	0.8%
Franklin	22	0.8%
Mason	22	0.8%
Greenup	21	0.7%
Jackson	21	0.7%
McLean	20	0.7%
Marion	20	0.7%
Nelson	19	0.7%
Taylor	19	0.7%
Clinton	18	0.6%
Lee	18	0.6%
Allen	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%
Wayne	16	0.6%
Clark	15	0.5%
Knott	14	0.5%
Edmonson	13	0.4%
Livingston	12	0.4%

County	Deaths	Percent
Montgomery	12	0.4%
Simpson	12	0.4%
Washington	12	0.4%
Webster	12	0.4%
Carter	11	0.4%
Gallatin	11	0.4%
Green	11	0.4%
Hancock	11	0.4%
Clay	10	0.3%
Grant	10	0.3%
Knox	10	0.3%
Martin	10	0.3%
Owsley	10	0.3%
Whitley	10	0.3%
Bath	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
Anderson	4	0.1%
Fulton	4	0.1%
Garrard	4	0.1%
Henry	4	0.1%
Larue	4	0.1%
Letcher	4	0.1%
McCreary	4	0.1%
Meade	4	0.1%
Wolfe	4	0.1%
Ballard	3	0.1%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Fleming	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
2,901

Incidence Rates by County

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

County	Rate
Morgan	757.8
Clay	172.3
Carroll	168.0
Clinton	149.6
Hancock	139.2
Webster	130.3
Boyd	128.4
Harrison	126.3
Cumberland	125.3
Ohio	118.5
Jackson	113.6
Warren	112.4
Harlan	111.5
Mercer	110.7
Nelson	108.5
Oldham	107.1
Daviess	102.5
McLean	102.4
Laurel	102.0
Graves	101.6
Muhlenberg	99.8
Bell	98.8
Henderson	98.3
Greenup	98.1
Todd	97.6
Monroe	95.2
Leslie	94.0
Letcher	93.5
Marshall	93.2
Knox	92.7

County	Rate
Johnson	92.1
Butler	92.1
Whitley	91.8
Boyle	91.2
Marion	91.2
Floyd	91.1
Anderson	91.1
Nicholas	90.4
Lawrence	89.5
Hopkins	88.9
Simpson	88.5
Robertson	88.1
Caldwell	87.4
Christian	87.4
Pike	87.1
Wayne	87.1
Allen	86.5
Boone	86.1
Rowan	84.7
Taylor	84.3
Kenton	82.1
Clark	81.5
Metcalfe	79.4
Rockcastle	77.9
Hardin	77.6
Trimble	77.6
Calloway	76.2
Washington	75.6
Martin	75.3
Fayette	75.2

County	Rate
Logan	74.3
Jefferson	73.5
Campbell	73.4
Bourbon	72.9
Bracken	72.3
McCreary	71.3
Madison	71.3
Owsley	71.2
Woodford	71.1
Breathitt	70.1
Meade	67.0
Bullitt	66.3
Barren	66.2
Livingston	65.3
Garrard	64.7
Spencer	64.2
Breckinridge	64.2
Wolfe	63.9
Hart	63.8
Shelby	62.9
Grayson	62.7
Larue	62.5
Scott	61.1
Lincoln	60.5
Carlisle	60.0
Gallatin	59.6
Jessamine	59.4
Henry	59.4
Perry	58.8
Edmonson	58.8

County	Rate
Pulaski	58.7
Lewis	57.0
Union	56.6
Trigg	56.6
Fleming	54.9
Powell	54.3
Pendleton	53.9
Montgomery	53.8
McCracken	53.5
Grant	53.0
Franklin	53.0
Crittenden	51.9
Russell	47.0
Bath	45.7
Magoffin	44.6
Green	44.4
Owen	41.9
Carter	40.5
Ballard	39.8
Knott	39.6
Mason	38.5
Fulton	38.3
Casey	38.0
Adair	37.9
Estill	35.4
Lyon	33.1
Menifee	33.0
Lee	32.8
Elliott	32.3
Hickman	16.3

Current Overall Incidence Rate
81.34 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.