

KY COVID-19 Report 05MAY21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	446,929	337,430	109,499
Deaths	6,542	5,905	637
New Cases	710	418	292
New Cases 18 and Under	176	110	66
New Deaths	10	9	1
New Audit Deaths	0	.	.
Total New Deaths	10	9	1

Duplicates and records not meeting case criteria removed since last report: 2

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
19,653	4.4%	0-9	0.0%	1
48,315	10.8%	10-19	0.0%	1
80,988	18.1%	20-29	0.1%	5
69,008	15.4%	30-39	0.5%	35
67,457	15.1%	40-49	1.7%	114
64,543	14.4%	50-59	6.0%	390
49,193	11.0%	60-69	17.0%	1,115
29,114	6.5%	70-79	27.6%	1,808
18,433	4.1%	80+	47.0%	3,073
225	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
914	0.2%	American Indian	0.1%	6
4,113	1.1%	Asian	0.5%	29
30,443	8.1%	Black	8.1%	500
377	0.1%	Pacific Islander	0.0%	3
319,677	85.5%	White	88.9%	5,511
18,509	4.9%	Multiracial	2.4%	151

Cases	Case Percent	Ethnicity	Death Percent	Deaths
19,531	5.5%	Hispanic	1.5%	91
335,360	94.5%	Non-Hispanic	98.5%	5,867

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.7% of cases and 94.8% of deaths
Ethnicity known for 79.4% of cases and 91.1% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,567	10.4%
Deaths	2,395	36.6%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,780	49,801	3.57%

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
6,285,884	5,155,764	291,536	835,156	541,111	398,768	28,008	114,335

Updated test numbers reported today combine known testing numbers from our lab result reporting and lab aggregate reporting systems to more accurately reflect the minimum number of tests performed for PCR, antigen and antibody tests in Kentucky residents. This accounts for any large changes in total counts reported today compared to yesterday's reported numbers. Going forward, only lab result reporting to KDPH will serve to add additional counts to these totals.

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	22,070	4.94%
Ever ICU	4,526	1.01%
Recovered	51,666	11.56%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	420
ICU	111
On Ventilator	46

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,328	4,827	63.3%
ICU Beds	1,074	741	59.2%
Ventilators	467	1,300	26.4%

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	22	7	1	2.8%	6.9%	1.0%	53.54%	52.94%	9.09%
Region 2	23	5	4	2.8%	4.1%	4.7%	48.79%	47.54%	12.94%
Region 3	160	30	16	4.4%	5.6%	3.7%	66.74%	60.98%	33.26%
Region 4	22	7	3	2.6%	6.5%	2.7%	53.64%	68.52%	16.07%
Region 5	90	21	10	3.3%	5.0%	2.0%	72.80%	65.63%	35.14%
Region 6	22	6	1	1.7%	3.4%	1.0%	70.16%	39.43%	39.81%
Region 7	23	5	0	3.7%	7.8%	0.0%	64.27%	75.00%	12.20%
Region 8	35	10	7	2.9%	7.4%	4.7%	53.22%	66.18%	20.13%
Region 9	17	14	2	2.6%	12.3%	2.0%	61.56%	41.23%	7.92%
Region 10	6	6	2	1.3%	13.3%	3.3%	48.31%	80.00%	24.59%

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 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

Total Cases by County

County	Cases	Percent
Jefferson	79,913	17.9%
Fayette	35,506	7.9%
Kenton	16,196	3.6%
Warren	15,872	3.6%
Boone	13,804	3.1%
Daviess	10,685	2.4%
Hardin	9,650	2.2%
Madison	9,299	2.1%
Campbell	8,362	1.9%
Oldham	7,574	1.7%
Bullitt	7,202	1.6%
Christian	6,893	1.5%
Laurel	6,643	1.5%
McCracken	6,545	1.5%
Pulaski	6,278	1.4%
Pike	5,533	1.2%
Boyd	4,933	1.1%
Whitley	4,930	1.1%
Scott	4,905	1.1%
Nelson	4,898	1.1%
Henderson	4,754	1.1%
Shelby	4,689	1.0%
Jessamine	4,587	1.0%
Barren	4,449	1.0%
Hopkins	4,448	1.0%
Graves	4,176	0.9%
Franklin	4,025	0.9%
Greenup	3,571	0.8%
Calloway	3,509	0.8%
Boyle	3,408	0.8%

County	Cases	Percent
Floyd	3,398	0.8%
Knox	3,340	0.7%
Bell	3,087	0.7%
Taylor	3,063	0.7%
Muhlenberg	2,927	0.7%
Clark	2,867	0.6%
Logan	2,834	0.6%
Harlan	2,809	0.6%
Marshall	2,773	0.6%
Clay	2,657	0.6%
Montgomery	2,653	0.6%
Perry	2,643	0.6%
Mercer	2,539	0.6%
Ohio	2,446	0.5%
Marion	2,303	0.5%
Lincoln	2,293	0.5%
Carter	2,266	0.5%
Grant	2,259	0.5%
Morgan	2,249	0.5%
Rowan	2,216	0.5%
Grayson	2,154	0.5%
Wayne	2,145	0.5%
Woodford	2,143	0.5%
Simpson	2,097	0.5%
Allen	2,065	0.5%
Meade	2,019	0.5%
McCreary	1,977	0.4%
Hart	1,968	0.4%
Johnson	1,930	0.4%
Letcher	1,907	0.4%

County	Cases	Percent
Adair	1,850	0.4%
Russell	1,826	0.4%
Anderson	1,739	0.4%
Harrison	1,686	0.4%
Bourbon	1,685	0.4%
Mason	1,665	0.4%
Spencer	1,606	0.4%
Lyon	1,530	0.3%
Garrard	1,519	0.3%
Rockcastle	1,499	0.3%
Butler	1,448	0.3%
Caldwell	1,446	0.3%
Clinton	1,444	0.3%
Lawrence	1,438	0.3%
Washington	1,433	0.3%
Casey	1,389	0.3%
Henry	1,355	0.3%
Union	1,340	0.3%
Monroe	1,331	0.3%
Larue	1,319	0.3%
Lewis	1,307	0.3%
Jackson	1,306	0.3%
Trigg	1,295	0.3%
Lee	1,275	0.3%
Powell	1,265	0.3%
Breckinridge	1,244	0.3%
Webster	1,243	0.3%
Green	1,208	0.3%
Fleming	1,171	0.3%
Knott	1,141	0.3%

County	Cases	Percent
Todd	1,125	0.3%
Estill	1,081	0.2%
Metcalfe	1,039	0.2%
Martin	1,027	0.2%
Pendleton	1,026	0.2%
Carroll	1,004	0.2%
Breathitt	997	0.2%
Bath	970	0.2%
Elliott	961	0.2%
Magoffin	949	0.2%
Leslie	910	0.2%
Edmonson	909	0.2%
McLean	881	0.2%
Hancock	880	0.2%
Livingston	845	0.2%
Cumberland	698	0.2%
Gallatin	695	0.2%
Trimble	689	0.2%
Owen	667	0.1%
Crittenden	660	0.1%
Bracken	627	0.1%
Nicholas	546	0.1%
Wolfe	519	0.1%
Fulton	513	0.1%
Owsley	492	0.1%
Menifee	473	0.1%
Carlisle	471	0.1%
Ballard	395	0.1%
Hickman	377	0.1%
Robertson	227	0.1%

Total Cases
446,929

New Cases by County

County	Cases	Percent
Jefferson	116	16.3%
Fayette	53	7.5%
Oldham	31	4.4%
Montgomery	25	3.5%
Daviess	21	3.0%
Clark	20	2.8%
Boone	17	2.4%
Warren	16	2.3%
Jessamine	15	2.1%
Kenton	15	2.1%
Franklin	13	1.8%
Henderson	13	1.8%
Floyd	12	1.7%
Laurel	12	1.7%
McCracken	12	1.7%
Shelby	12	1.7%
Whitley	12	1.7%
Grayson	11	1.5%
Madison	11	1.5%
Boyd	10	1.4%
Letcher	10	1.4%
Powell	10	1.4%
Scott	10	1.4%
Bath	9	1.3%
Hardin	9	1.3%
Simpson	9	1.3%
Pulaski	7	1.0%
Allen	6	0.8%
Graves	6	0.8%
Marion	6	0.8%

County	Cases	Percent
Mason	6	0.8%
Union	6	0.8%
Bourbon	5	0.7%
Bullitt	5	0.7%
Campbell	5	0.7%
Carter	5	0.7%
Christian	5	0.7%
Greenup	5	0.7%
Hopkins	5	0.7%
Lewis	5	0.7%
Morgan	5	0.7%
Taylor	5	0.7%
Woodford	5	0.7%
Bell	4	0.6%
Bracken	4	0.6%
Larue	4	0.6%
Pike	4	0.6%
Boyle	3	0.4%
Calloway	3	0.4%
Garrard	3	0.4%
Grant	3	0.4%
Harrison	3	0.4%
Hart	3	0.4%
Knox	3	0.4%
Lawrence	3	0.4%
Marshall	3	0.4%
Menifee	3	0.4%
Muhlenberg	3	0.4%
Nelson	3	0.4%
Owen	3	0.4%

County	Cases	Percent
Adair	2	0.3%
Anderson	2	0.3%
Breckinridge	2	0.3%
Casey	2	0.3%
Harlan	2	0.3%
Henry	2	0.3%
Hickman	2	0.3%
Lincoln	2	0.3%
Logan	2	0.3%
McCreary	2	0.3%
Magoffin	2	0.3%
Meade	2	0.3%
Monroe	2	0.3%
Perry	2	0.3%
Rockcastle	2	0.3%
Rowan	2	0.3%
Spencer	2	0.3%
Webster	2	0.3%
Barren	1	0.1%
Breathitt	1	0.1%
Caldwell	1	0.1%
Carroll	1	0.1%
Edmonson	1	0.1%
Estill	1	0.1%
Fleming	1	0.1%
Gallatin	1	0.1%
Hancock	1	0.1%
Johnson	1	0.1%
Lee	1	0.1%
Leslie	1	0.1%

County	Cases	Percent
McLean	1	0.1%
Martin	1	0.1%
Mercer	1	0.1%
Owsley	1	0.1%
Pendleton	1	0.1%
Russell	1	0.1%
Todd	1	0.1%
Trimble	1	0.1%
Washington	1	0.1%
Wayne	1	0.1%
Wolfe	1	0.1%
Ballard	0	0.0%
Butler	0	0.0%
Carlisle	0	0.0%
Clay	0	0.0%
Clinton	0	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Elliott	0	0.0%
Fulton	0	0.0%
Green	0	0.0%
Jackson	0	0.0%
Knott	0	0.0%
Livingston	0	0.0%
Lyon	0	0.0%
Metcalfe	0	0.0%
Nicholas	0	0.0%
Ohio	0	0.0%
Robertson	0	0.0%
Trigg	0	0.0%

Total New Cases
710

Total Deaths by County

County	Deaths	Percent
Jefferson	1,179	18.0%
Fayette	296	4.5%
Daviess	183	2.8%
Kenton	172	2.6%
Warren	170	2.6%
Hardin	154	2.4%
Hopkins	145	2.2%
Boone	122	1.9%
McCracken	120	1.8%
Madison	109	1.7%
Christian	104	1.6%
Pike	95	1.5%
Pulaski	95	1.5%
Graves	92	1.4%
Barren	91	1.4%
Harlan	83	1.3%
Oldham	82	1.3%
Boyd	73	1.1%
Henderson	73	1.1%
Bullitt	72	1.1%
Boyle	70	1.1%
Campbell	70	1.1%
Laurel	70	1.1%
Shelby	70	1.1%
Floyd	65	1.0%
Perry	65	1.0%
Jessamine	64	1.0%
Logan	64	1.0%
Muhlenberg	61	0.9%
Greenup	59	0.9%

County	Deaths	Percent
Marshall	56	0.9%
Nelson	55	0.8%
Whitley	55	0.8%
Adair	54	0.8%
Bell	54	0.8%
Grayson	54	0.8%
Ohio	53	0.8%
Calloway	51	0.8%
Lincoln	50	0.8%
Mercer	50	0.8%
Hart	47	0.7%
Franklin	46	0.7%
Taylor	46	0.7%
Clay	44	0.7%
Wayne	44	0.7%
Russell	43	0.7%
Letcher	42	0.6%
Monroe	41	0.6%
Allen	40	0.6%
Marion	37	0.6%
Washington	37	0.6%
Knox	36	0.6%
Simpson	36	0.6%
Casey	35	0.5%
Garrard	35	0.5%
Lewis	35	0.5%
Mason	35	0.5%
Carter	34	0.5%
Johnson	34	0.5%
Jackson	32	0.5%

County	Deaths	Percent
Scott	32	0.5%
Clinton	31	0.5%
Caldwell	30	0.5%
Montgomery	30	0.5%
Clark	29	0.4%
McCreary	29	0.4%
Gallatin	28	0.4%
McLean	27	0.4%
Larue	26	0.4%
Lee	26	0.4%
Metcalfe	26	0.4%
Meade	25	0.4%
Todd	25	0.4%
Butler	24	0.4%
Harrison	23	0.4%
Knott	23	0.4%
Lawrence	23	0.4%
Fleming	22	0.3%
Rockcastle	22	0.3%
Spencer	22	0.3%
Anderson	21	0.3%
Bath	21	0.3%
Crittenden	21	0.3%
Edmonson	21	0.3%
Livingston	21	0.3%
Lyon	20	0.3%
Martin	20	0.3%
Rowan	20	0.3%
Webster	20	0.3%
Woodford	20	0.3%

County	Deaths	Percent
Carroll	19	0.3%
Grant	18	0.3%
Menifee	16	0.2%
Breckinridge	15	0.2%
Green	15	0.2%
Hancock	15	0.2%
Union	15	0.2%
Bourbon	14	0.2%
Fulton	14	0.2%
Magoffin	14	0.2%
Owsley	14	0.2%
Robertson	14	0.2%
Trigg	14	0.2%
Henry	13	0.2%
Owen	13	0.2%
Powell	12	0.2%
Estill	11	0.2%
Cumberland	10	0.2%
Hickman	10	0.2%
Carlisle	9	0.1%
Ballard	8	0.1%
Breathitt	8	0.1%
Leslie	8	0.1%
Nicholas	8	0.1%
Bracken	7	0.1%
Trimble	7	0.1%
Wolfe	5	0.1%
Pendleton	4	0.1%
Morgan	3	0.0%
Elliott	2	0.0%

Total Deaths
6,542

Incidence Rates by County

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

County	Rate
Powell	68.2
Robertson	47.4
Hickman	39.1
Lewis	38.7
Bath	34.3
Simpson	29.2
Menifee	28.6
Montgomery	26.4
Mason	23.4
Shelby	22.7
Wolfe	22.0
Trimble	21.9
Grayson	20.5
Lawrence	20.5
Marion	19.3
Taylor	18.3
Daviess	17.7
Nicholas	17.7
Hopkins	17.3
Henderson	16.7
Todd	16.3
Clark	16.2
Floyd	16.1
Boyd	15.6
Lee	15.4
Marshall	15.2
Knox	15.1
Metcalf	14.2
Henry	14.2
Oldham	14.1

County	Rate
Jessamine	13.7
Laurel	13.6
Spencer	13.3
Casey	13.3
Letcher	13.3
Estill	13.2
Hancock	13.1
Morgan	12.9
Johnson	12.9
Harrison	12.9
Jefferson	12.8
Fleming	12.7
Bourbon	12.3
Fulton	12.0
Warren	11.6
Harlan	11.5
Allen	11.4
Hart	11.3
Pulaski	11.2
Graves	11.1
Fayette	11.1
Barren	11.0
Larue	10.9
McLean	10.9
Anderson	10.7
Knott	10.6
Bracken	10.3
Boyle	10.0
Pike	9.9
Whitley	9.8

County	Rate
Franklin	9.8
Christian	9.7
Owsley	9.7
Bullitt	9.6
McCracken	9.6
Madison	9.5
Washington	9.4
Rockcastle	9.4
Edmonson	9.4
Hardin	9.4
Magoffin	9.4
Monroe	9.4
Owen	9.2
Mercer	9.1
Grant	9.1
Union	8.9
Adair	8.9
Garrard	8.9
Butler	8.9
Russell	8.8
Boone	8.6
Woodford	8.5
Greenup	8.5
Ohio	8.3
Perry	8.3
Rowan	7.6
Lincoln	7.6
Leslie	7.2
Muhlenberg	7.0
Nelson	6.8

County	Rate
Caldwell	6.7
Webster	6.6
Green	6.5
Kenton	6.5
Gallatin	6.4
Carter	6.4
Breckinridge	6.3
Carlisle	6.0
Carroll	5.4
Jackson	5.4
Lyon	5.2
Martin	5.1
Clay	5.0
Pendleton	4.9
Campbell	4.9
Logan	4.7
Livingston	4.7
Calloway	4.0
Trigg	3.9
Wayne	3.5
Scott	3.5
Meade	3.5
Breathitt	3.4
McCreary	3.3
Bell	2.7
Ballard	1.8
Crittenden	1.6
Clinton	1.4
Cumberland	0.0
Elliott	0.0

Current Overall Incidence Rate
11.45 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.