

KY COVID-19 Report 17MAY21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	452,821	341,229	111,592
Deaths	6,662	6,012	650
New Cases	285	208	77
New Cases 18 and Under	68	52	16
New Deaths	6	6	0
New Audit Deaths	0	.	.
Total New Deaths	6	6	0

Duplicates and records not meeting case criteria removed since last report: 1

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
20,038	4.4%	0-9	0.0%	1
49,267	10.9%	10-19	0.0%	1
82,083	18.1%	20-29	0.1%	7
69,966	15.5%	30-39	0.5%	35
68,289	15.1%	40-49	1.8%	118
65,320	14.4%	50-59	6.1%	404
49,704	11.0%	60-69	17.0%	1,131
29,362	6.5%	70-79	27.7%	1,847
18,568	4.1%	80+	46.8%	3,118
224	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
924	0.2%	American Indian	0.1%	6
4,173	1.1%	Asian	0.5%	30
31,197	8.2%	Black	8.0%	506
377	0.1%	Pacific Islander	0.0%	3
324,667	85.4%	White	88.9%	5,619
18,907	5.0%	Multiracial	2.5%	156

Cases	Case Percent	Ethnicity	Death Percent	Deaths
19,846	5.5%	Hispanic	1.5%	93
340,884	94.5%	Non-Hispanic	98.5%	5,983

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.0% of cases and 94.9% of deaths
Ethnicity known for 79.7% of cases and 91.2% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,636	10.3%
Deaths	2,400	36.0%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,329	47,769	2.78%

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
6,464,323	5,248,048	299,503	865,438	549,367	403,185	29,771	116,411

Testing totals have been updated to include historic negative test results from laboratories recently onboarded into electronic reporting. A maximum of 10,000 historical negative test results have been added to the daily count in today's data. This does not impact positivity rates and only affects the total cumulative numbers of tests performed.

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	22,416	4.95%
Ever ICU	4,576	1.01%
Recovered	52,238	11.54%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	389
ICU	112
On Ventilator	73

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,100	5,055	61.6%
ICU Beds	1,068	747	58.8%
Ventilators	466	1,320	26.1%

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	12	6	1	1.5%	5.9%	1.0%	52.02%	41.18%	6.06%
Region 2	29	5	4	3.5%	4.1%	4.5%	54.25%	55.74%	15.73%
Region 3	143	31	15	3.9%	5.8%	3.4%	64.89%	54.78%	29.36%
Region 4	13	6	7	1.5%	5.6%	6.3%	44.60%	60.19%	15.18%
Region 5	92	33	13	3.3%	7.9%	2.5%	70.78%	70.19%	36.50%
Region 6	27	3	1	2.1%	1.7%	0.9%	59.77%	30.29%	30.84%
Region 7	17	6	2	2.7%	9.4%	1.7%	65.55%	79.69%	10.00%
Region 8	31	10	26	2.6%	7.4%	17.4%	59.82%	76.47%	31.54%
Region 9	16	4	1	2.4%	3.5%	1.0%	60.66%	53.51%	8.08%
Region 10	9	8	3	1.9%	17.8%	5.0%	46.84%	88.89%	21.67%

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	81,032	17.9%
Fayette	35,854	7.9%
Kenton	16,389	3.6%
Warren	16,028	3.5%
Boone	13,999	3.1%
Daviess	10,814	2.4%
Hardin	9,751	2.2%
Madison	9,363	2.1%
Campbell	8,489	1.9%
Oldham	7,643	1.7%
Bullitt	7,284	1.6%
Christian	6,947	1.5%
Laurel	6,722	1.5%
McCracken	6,700	1.5%
Pulaski	6,461	1.4%
Pike	5,587	1.2%
Scott	5,012	1.1%
Whitley	5,007	1.1%
Boyd	5,002	1.1%
Nelson	4,929	1.1%
Henderson	4,843	1.1%
Shelby	4,767	1.1%
Jessamine	4,680	1.0%
Hopkins	4,505	1.0%
Barren	4,460	1.0%
Graves	4,206	0.9%
Franklin	4,071	0.9%
Greenup	3,621	0.8%
Calloway	3,525	0.8%
Boyle	3,445	0.8%

County	Cases	Percent
Floyd	3,426	0.8%
Knox	3,317	0.7%
Taylor	3,162	0.7%
Bell	3,112	0.7%
Muhlenberg	2,965	0.7%
Clark	2,914	0.6%
Logan	2,860	0.6%
Harlan	2,843	0.6%
Marshall	2,810	0.6%
Montgomery	2,748	0.6%
Clay	2,675	0.6%
Perry	2,666	0.6%
Mercer	2,574	0.6%
Ohio	2,475	0.5%
Lincoln	2,349	0.5%
Marion	2,332	0.5%
Grant	2,321	0.5%
Carter	2,288	0.5%
Morgan	2,269	0.5%
Rowan	2,247	0.5%
Wayne	2,216	0.5%
Grayson	2,167	0.5%
Woodford	2,147	0.5%
Simpson	2,119	0.5%
Allen	2,080	0.5%
Meade	2,039	0.5%
McCreary	2,011	0.4%
Hart	1,994	0.4%
Johnson	1,985	0.4%
Letcher	1,917	0.4%

County	Cases	Percent
Adair	1,898	0.4%
Russell	1,877	0.4%
Anderson	1,747	0.4%
Harrison	1,706	0.4%
Mason	1,700	0.4%
Bourbon	1,699	0.4%
Spencer	1,609	0.4%
Rockcastle	1,554	0.3%
Lyon	1,538	0.3%
Garrard	1,534	0.3%
Butler	1,466	0.3%
Lawrence	1,455	0.3%
Caldwell	1,453	0.3%
Clinton	1,446	0.3%
Washington	1,444	0.3%
Casey	1,424	0.3%
Union	1,372	0.3%
Henry	1,363	0.3%
Lewis	1,340	0.3%
Larue	1,336	0.3%
Monroe	1,336	0.3%
Jackson	1,317	0.3%
Powell	1,306	0.3%
Trigg	1,306	0.3%
Webster	1,288	0.3%
Breckinridge	1,287	0.3%
Lee	1,283	0.3%
Green	1,223	0.3%
Fleming	1,200	0.3%
Todd	1,148	0.3%

County	Cases	Percent
Knott	1,144	0.3%
Estill	1,120	0.2%
Metcalfe	1,047	0.2%
Martin	1,033	0.2%
Pendleton	1,031	0.2%
Breathitt	1,028	0.2%
Carroll	1,013	0.2%
Bath	1,002	0.2%
Magoffin	973	0.2%
Elliott	962	0.2%
Leslie	920	0.2%
Edmonson	914	0.2%
Hancock	888	0.2%
McLean	886	0.2%
Livingston	854	0.2%
Cumberland	699	0.2%
Gallatin	699	0.2%
Owen	694	0.2%
Trimble	692	0.2%
Crittenden	669	0.1%
Bracken	640	0.1%
Nicholas	554	0.1%
Wolfe	532	0.1%
Fulton	527	0.1%
Owsley	496	0.1%
Menifee	478	0.1%
Carlisle	476	0.1%
Ballard	403	0.1%
Hickman	389	0.1%
Robertson	230	0.1%

Total Cases
452,821

New Cases by County

County	Cases	Percent
Jefferson	89	31.2%
Campbell	20	7.0%
McCracken	17	6.0%
Kenton	16	5.6%
Boone	14	4.9%
Johnson	7	2.5%
Laurel	7	2.5%
Whitley	6	2.1%
Bullitt	5	1.8%
Lincoln	5	1.8%
Crittenden	4	1.4%
Fayette	4	1.4%
Grant	4	1.4%
Knox	4	1.4%
Marshall	4	1.4%
Montgomery	4	1.4%
Nelson	4	1.4%
Scott	4	1.4%
Trigg	4	1.4%
Clark	3	1.1%
Daviess	3	1.1%
Floyd	3	1.1%
Harlan	3	1.1%
Jessamine	3	1.1%
Oldham	3	1.1%
Pulaski	3	1.1%
Shelby	3	1.1%
Taylor	3	1.1%
Fulton	2	0.7%
Graves	2	0.7%

County	Cases	Percent
Henderson	2	0.7%
Hopkins	2	0.7%
Lyon	2	0.7%
Mercer	2	0.7%
Muhlenberg	2	0.7%
Barren	1	0.4%
Boyle	1	0.4%
Carter	1	0.4%
Christian	1	0.4%
Estill	1	0.4%
Franklin	1	0.4%
Garrard	1	0.4%
Grayson	1	0.4%
Hancock	1	0.4%
Henry	1	0.4%
Hickman	1	0.4%
Jackson	1	0.4%
Leslie	1	0.4%
Livingston	1	0.4%
Madison	1	0.4%
Mason	1	0.4%
Metcalfe	1	0.4%
Pike	1	0.4%
Robertson	1	0.4%
Spencer	1	0.4%
Union	1	0.4%
Wolfe	1	0.4%
Adair	0	0.0%
Allen	0	0.0%
Anderson	0	0.0%

County	Cases	Percent
Ballard	0	0.0%
Bath	0	0.0%
Bell	0	0.0%
Bourbon	0	0.0%
Boyd	0	0.0%
Bracken	0	0.0%
Breathitt	0	0.0%
Breckinridge	0	0.0%
Butler	0	0.0%
Caldwell	0	0.0%
Calloway	0	0.0%
Carlisle	0	0.0%
Carroll	0	0.0%
Casey	0	0.0%
Clay	0	0.0%
Clinton	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Elliott	0	0.0%
Fleming	0	0.0%
Gallatin	0	0.0%
Green	0	0.0%
Greenup	0	0.0%
Hardin	0	0.0%
Harrison	0	0.0%
Hart	0	0.0%
Knott	0	0.0%
Larue	0	0.0%
Lawrence	0	0.0%
Lee	0	0.0%

County	Cases	Percent
Letcher	0	0.0%
Lewis	0	0.0%
Logan	0	0.0%
McCreary	0	0.0%
McLean	0	0.0%
Magoffin	0	0.0%
Marion	0	0.0%
Martin	0	0.0%
Meade	0	0.0%
Menifee	0	0.0%
Monroe	0	0.0%
Morgan	0	0.0%
Nicholas	0	0.0%
Ohio	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Pendleton	0	0.0%
Perry	0	0.0%
Powell	0	0.0%
Rockcastle	0	0.0%
Rowan	0	0.0%
Russell	0	0.0%
Simpson	0	0.0%
Todd	0	0.0%
Trimble	0	0.0%
Warren	0	0.0%
Washington	0	0.0%
Wayne	0	0.0%
Webster	0	0.0%
Woodford	0	0.0%

Total New Cases
285

Total Deaths by County

County	Deaths	Percent
Jefferson	1,196	18.0%
Fayette	304	4.6%
Daviess	185	2.8%
Kenton	176	2.6%
Warren	171	2.6%
Hardin	157	2.4%
Hopkins	146	2.2%
Boone	124	1.9%
McCracken	123	1.8%
Madison	109	1.6%
Christian	104	1.6%
Pulaski	99	1.5%
Pike	98	1.5%
Graves	93	1.4%
Barren	92	1.4%
Harlan	83	1.2%
Oldham	82	1.2%
Bullitt	75	1.1%
Boyd	74	1.1%
Henderson	74	1.1%
Laurel	71	1.1%
Boyle	70	1.1%
Campbell	70	1.1%
Shelby	70	1.1%
Floyd	69	1.0%
Logan	66	1.0%
Perry	66	1.0%
Muhlenberg	65	1.0%
Jessamine	64	1.0%
Greenup	59	0.9%

County	Deaths	Percent
Marshall	57	0.9%
Nelson	57	0.9%
Whitley	57	0.9%
Grayson	55	0.8%
Adair	54	0.8%
Bell	54	0.8%
Ohio	54	0.8%
Calloway	51	0.8%
Lincoln	50	0.8%
Mercer	50	0.8%
Taylor	48	0.7%
Franklin	47	0.7%
Hart	47	0.7%
Wayne	47	0.7%
Clay	44	0.7%
Letcher	44	0.7%
Russell	44	0.7%
Monroe	42	0.6%
Allen	40	0.6%
Marion	38	0.6%
Simpson	38	0.6%
Knox	37	0.6%
Washington	37	0.6%
Mason	36	0.5%
Carter	35	0.5%
Casey	35	0.5%
Garrard	35	0.5%
Johnson	35	0.5%
Lewis	35	0.5%
Scott	33	0.5%

County	Deaths	Percent
Jackson	32	0.5%
McCreary	32	0.5%
Caldwell	31	0.5%
Clinton	31	0.5%
Gallatin	30	0.5%
Montgomery	30	0.5%
Clark	29	0.4%
McLean	27	0.4%
Larue	26	0.4%
Lee	26	0.4%
Metcalfe	26	0.4%
Todd	26	0.4%
Lawrence	25	0.4%
Meade	25	0.4%
Butler	24	0.4%
Fleming	24	0.4%
Edmonson	23	0.3%
Harrison	23	0.3%
Knott	23	0.3%
Rockcastle	23	0.3%
Spencer	23	0.3%
Anderson	22	0.3%
Bath	22	0.3%
Crittenden	21	0.3%
Livingston	20	0.3%
Martin	20	0.3%
Rowan	20	0.3%
Webster	20	0.3%
Woodford	20	0.3%
Carroll	19	0.3%

County	Deaths	Percent
Grant	19	0.3%
Lyon	19	0.3%
Bourbon	18	0.3%
Menifee	17	0.3%
Breckinridge	16	0.2%
Green	16	0.2%
Hancock	15	0.2%
Magoffin	15	0.2%
Owsley	15	0.2%
Union	15	0.2%
Fulton	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%
Ballard	9	0.1%
Breathitt	9	0.1%
Carlisle	9	0.1%
Leslie	8	0.1%
Nicholas	8	0.1%
Bracken	7	0.1%
Trimble	7	0.1%
Pendleton	5	0.1%
Wolfe	5	0.1%
Morgan	3	0.0%
Elliott	2	0.0%

Total Deaths
6,662

Incidence Rates by County

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

County	Rate
Webster	38.6
Rockcastle	27.4
Adair	25.3
Estill	23.3
Lewis	21.5
Owen	21.0
Casey	20.3
Union	19.9
Montgomery	19.3
Taylor	18.8
Henderson	18.6
Morgan	16.1
Larue	15.9
Hart	15.8
Powell	15.0
Fulton	14.4
Bracken	13.8
Bath	13.7
Shelby	13.7
Robertson	13.6
Hancock	13.1
Pulaski	12.8
McCreary	12.4
Mercer	12.4
Lyon	12.2
Mason	11.7
Muhlenberg	11.7
Lee	11.6
Knox	11.5
Whitley	11.4

County	Rate
Metcalfe	11.3
Boyd	11.3
Hopkins	10.9
Grayson	10.8
Todd	10.5
Marion	10.4
Russell	10.4
Johnson	10.3
Lawrence	10.3
Jessamine	10.0
Harlan	9.9
Daviess	9.9
Jefferson	9.7
Warren	9.7
Logan	9.5
Bell	9.3
Grant	9.1
Greenup	9.0
Laurel	8.9
Bullitt	8.9
Butler	8.9
Leslie	8.7
Bourbon	8.7
Breckinridge	8.4
Ohio	8.3
Hardin	8.0
Nicholas	7.9
Fleming	7.8
Livingston	7.8
Oldham	7.7

County	Rate
Rowan	7.6
Scott	7.5
McCracken	7.4
Fayette	7.4
Franklin	7.3
Garrard	7.3
Perry	7.2
Pike	7.2
Boyle	7.1
Lincoln	7.0
Anderson	6.9
Graves	6.9
Boone	6.7
Green	6.5
Marshall	6.4
Jackson	6.4
Woodford	6.4
Martin	6.4
McLean	6.2
Nelson	6.2
Christian	6.1
Meade	6.0
Madison	6.0
Washington	5.9
Pendleton	5.9
Elliott	5.7
Clark	5.5
Spencer	5.2
Carter	4.8
Magoffin	4.7

County	Rate
Simpson	4.6
Floyd	4.4
Wayne	4.2
Carroll	4.0
Monroe	4.0
Barren	3.9
Kenton	3.8
Harrison	3.8
Ballard	3.6
Trimble	3.4
Caldwell	3.4
Hickman	3.3
Owsley	3.2
Gallatin	3.2
Clay	2.9
Clinton	2.8
Henry	2.7
Letcher	2.7
Calloway	2.6
Edmonson	2.4
Breathitt	2.3
Allen	2.0
Wolfe	2.0
Crittenden	1.6
Campbell	1.5
Trigg	1.0
Knott	1.0
Carlisle	0.0
Cumberland	0.0
Menifee	0.0

Current Overall Incidence Rate
8.59 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.