

KY COVID-19 Report 29MAY21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	458,275	344,744	113,531
Deaths	6,782	6,105	677
New Cases	383	254	129
New Cases 18 and Under	76	51	25
New Deaths	6	5	1
New Audit Deaths	18	8	10
Total New Deaths	24	13	11

Duplicates and records not meeting case criteria removed since last report: 0

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
20,428	4.5%	0-9	0.0%	1
50,033	10.9%	10-19	0.0%	1
83,073	18.1%	20-29	0.1%	7
70,840	15.5%	30-39	0.5%	36
69,054	15.1%	40-49	1.8%	124
66,079	14.4%	50-59	6.1%	414
50,196	11.0%	60-69	17.0%	1,156
29,621	6.5%	70-79	27.8%	1,885
18,724	4.1%	80+	46.6%	3,158
227	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
945	0.2%	American Indian	0.1%	7
4,227	1.1%	Asian	0.5%	30
31,840	8.3%	Black	7.9%	513
377	0.1%	Pacific Islander	0.0%	3
329,016	85.3%	White	89.0%	5,743
19,187	5.0%	Multiracial	2.5%	159

Cases	Case Percent	Ethnicity	Death Percent	Deaths
20,161	5.5%	Hispanic	1.5%	96
346,035	94.5%	Non-Hispanic	98.5%	6,115

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 84.1% of cases and 95.2% of deaths
 Ethnicity known for 79.9% of cases and 91.6% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	46,684	10.2%
Deaths	2,399	35.4%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
969	38,992	2.49%

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
6,624,027	5,331,570	305,673	899,295	556,266	406,836	31,110	118,320

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	22,779	4.97%
Ever ICU	4,641	1.01%
Recovered	52,778	11.52%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	326
ICU	93
On Ventilator	46

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,246	4,876	62.8%
ICU Beds	1,068	743	59.0%
Ventilators	408	1,291	24.0%

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	9	5	2	1.1%	4.9%	2.0%	50.38%	53.92%	14.14%
Region 2	23	8	4	2.8%	6.6%	4.5%	57.40%	60.66%	17.98%
Region 3	110	30	16	3.0%	5.6%	3.7%	68.24%	57.79%	31.88%
Region 4	8	1	1	0.9%	0.9%	0.9%	54.11%	63.89%	12.50%
Region 5	76	22	16	2.7%	5.3%	3.3%	72.04%	64.90%	32.09%
Region 6	21	2	1	1.6%	1.1%	1.9%	63.18%	34.86%	23.08%
Region 7	20	2	0	3.4%	3.3%	0.0%	70.20%	65.00%	4.31%
Region 8	28	8	3	2.3%	5.9%	2.0%	48.96%	75.00%	21.48%
Region 9	22	9	3	3.3%	7.9%	3.0%	54.65%	50.00%	9.90%
Region 10	9	6	0	1.9%	13.3%	0.0%	49.79%	73.33%	17.74%

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	82,134	17.9%
Fayette	36,164	7.9%
Kenton	16,689	3.6%
Warren	16,145	3.5%
Boone	14,234	3.1%
Daviess	10,911	2.4%
Hardin	9,838	2.1%
Madison	9,434	2.1%
Campbell	8,650	1.9%
Oldham	7,665	1.7%
Bullitt	7,336	1.6%
Christian	6,982	1.5%
McCracken	6,834	1.5%
Laurel	6,819	1.5%
Pulaski	6,570	1.4%
Pike	5,639	1.2%
Whitley	5,094	1.1%
Scott	5,079	1.1%
Boyd	5,063	1.1%
Nelson	4,968	1.1%
Henderson	4,920	1.1%
Shelby	4,797	1.0%
Jessamine	4,745	1.0%
Hopkins	4,554	1.0%
Barren	4,474	1.0%
Graves	4,256	0.9%
Franklin	4,106	0.9%
Greenup	3,654	0.8%
Calloway	3,544	0.8%
Floyd	3,460	0.8%

County	Cases	Percent
Boyle	3,456	0.8%
Knox	3,342	0.7%
Taylor	3,201	0.7%
Bell	3,136	0.7%
Muhlenberg	3,017	0.7%
Clark	2,972	0.6%
Harlan	2,896	0.6%
Logan	2,880	0.6%
Marshall	2,860	0.6%
Montgomery	2,802	0.6%
Perry	2,693	0.6%
Clay	2,684	0.6%
Mercer	2,599	0.6%
Ohio	2,493	0.5%
Grant	2,430	0.5%
Lincoln	2,364	0.5%
Marion	2,350	0.5%
Carter	2,310	0.5%
Morgan	2,291	0.5%
Rowan	2,289	0.5%
Wayne	2,223	0.5%
Grayson	2,220	0.5%
Woodford	2,161	0.5%
Simpson	2,128	0.5%
Allen	2,097	0.5%
Johnson	2,060	0.4%
Meade	2,060	0.4%
McCreary	2,023	0.4%
Hart	2,005	0.4%
Adair	1,948	0.4%

County	Cases	Percent
Letcher	1,934	0.4%
Russell	1,889	0.4%
Anderson	1,758	0.4%
Bourbon	1,729	0.4%
Harrison	1,724	0.4%
Mason	1,722	0.4%
Spencer	1,628	0.4%
Rockcastle	1,608	0.4%
Garrard	1,549	0.3%
Lyon	1,545	0.3%
Casey	1,485	0.3%
Lawrence	1,471	0.3%
Butler	1,470	0.3%
Caldwell	1,464	0.3%
Washington	1,454	0.3%
Clinton	1,450	0.3%
Union	1,418	0.3%
Henry	1,380	0.3%
Lewis	1,353	0.3%
Larue	1,348	0.3%
Monroe	1,340	0.3%
Webster	1,337	0.3%
Trigg	1,336	0.3%
Powell	1,329	0.3%
Jackson	1,322	0.3%
Breckinridge	1,295	0.3%
Lee	1,289	0.3%
Green	1,230	0.3%
Fleming	1,212	0.3%
Todd	1,170	0.3%

County	Cases	Percent
Knott	1,149	0.3%
Estill	1,138	0.2%
Metcalfe	1,051	0.2%
Martin	1,041	0.2%
Pendleton	1,037	0.2%
Bath	1,036	0.2%
Breathitt	1,032	0.2%
Carroll	1,025	0.2%
Magoffin	1,010	0.2%
Elliott	966	0.2%
Leslie	931	0.2%
Edmonson	918	0.2%
Hancock	895	0.2%
McLean	895	0.2%
Livingston	864	0.2%
Owen	721	0.2%
Gallatin	719	0.2%
Cumberland	703	0.2%
Trimble	693	0.2%
Crittenden	674	0.1%
Bracken	652	0.1%
Nicholas	559	0.1%
Wolfe	535	0.1%
Fulton	534	0.1%
Owsley	503	0.1%
Carlisle	482	0.1%
Menifee	480	0.1%
Ballard	409	0.1%
Hickman	393	0.1%
Robertson	234	0.1%

Total Cases
458,275

New Cases by County

County	Cases	Percent
Jefferson	77	20.1%
Kenton	22	5.7%
Fayette	16	4.2%
Trigg	15	3.9%
Boone	14	3.7%
Hardin	10	2.6%
Warren	9	2.3%
Campbell	8	2.1%
Muhlenberg	8	2.1%
Pike	8	2.1%
Daviess	7	1.8%
Johnson	7	1.8%
McCracken	7	1.8%
Casey	6	1.6%
Greenup	6	1.6%
Meade	6	1.6%
Perry	6	1.6%
Boyd	5	1.3%
Grant	5	1.3%
Laurel	5	1.3%
Lincoln	5	1.3%
Union	5	1.3%
Whitley	5	1.3%
Bath	4	1.0%
Franklin	4	1.0%
Graves	4	1.0%
Henderson	4	1.0%
Letcher	4	1.0%
Logan	4	1.0%
Nelson	4	1.0%

County	Cases	Percent
Todd	4	1.0%
Webster	4	1.0%
Caldwell	3	0.8%
Estill	3	0.8%
Harlan	3	0.8%
Hopkins	3	0.8%
Knox	3	0.8%
Montgomery	3	0.8%
Owsley	3	0.8%
Pulaski	3	0.8%
Rowan	3	0.8%
Shelby	3	0.8%
Bell	2	0.5%
Carter	2	0.5%
Clark	2	0.5%
Crittenden	2	0.5%
Floyd	2	0.5%
Grayson	2	0.5%
Green	2	0.5%
Harrison	2	0.5%
Larue	2	0.5%
Madison	2	0.5%
Magoffin	2	0.5%
Marion	2	0.5%
Mason	2	0.5%
Morgan	2	0.5%
Scott	2	0.5%
Simpson	2	0.5%
Anderson	1	0.3%
Ballard	1	0.3%

County	Cases	Percent
Barren	1	0.3%
Breathitt	1	0.3%
Breckinridge	1	0.3%
Calloway	1	0.3%
Christian	1	0.3%
Clay	1	0.3%
Edmonson	1	0.3%
Jackson	1	0.3%
Jessamine	1	0.3%
Leslie	1	0.3%
McLean	1	0.3%
Marshall	1	0.3%
Martin	1	0.3%
Menifee	1	0.3%
Metcalfe	1	0.3%
Monroe	1	0.3%
Owen	1	0.3%
Rockcastle	1	0.3%
Spencer	1	0.3%
Taylor	1	0.3%
Woodford	1	0.3%
Adair	0	0.0%
Allen	0	0.0%
Bourbon	0	0.0%
Boyle	0	0.0%
Bracken	0	0.0%
Bullitt	0	0.0%
Butler	0	0.0%
Carlisle	0	0.0%
Carroll	0	0.0%

County	Cases	Percent
Clinton	0	0.0%
Cumberland	0	0.0%
Elliott	0	0.0%
Fleming	0	0.0%
Fulton	0	0.0%
Gallatin	0	0.0%
Garrard	0	0.0%
Hancock	0	0.0%
Hart	0	0.0%
Henry	0	0.0%
Hickman	0	0.0%
Knott	0	0.0%
Lawrence	0	0.0%
Lee	0	0.0%
Lewis	0	0.0%
Livingston	0	0.0%
Lyon	0	0.0%
McCreary	0	0.0%
Mercer	0	0.0%
Nicholas	0	0.0%
Ohio	0	0.0%
Oldham	0	0.0%
Pendleton	0	0.0%
Powell	0	0.0%
Robertson	0	0.0%
Russell	0	0.0%
Trimble	0	0.0%
Washington	0	0.0%
Wayne	0	0.0%
Wolfe	0	0.0%

Total New Cases
383

Total Deaths by County

County	Deaths	Percent
Jefferson	1,211	17.9%
Fayette	308	4.5%
Daviess	189	2.8%
Kenton	179	2.6%
Warren	174	2.6%
Hardin	160	2.4%
Hopkins	146	2.2%
McCracken	128	1.9%
Boone	127	1.9%
Madison	111	1.6%
Christian	104	1.5%
Pulaski	104	1.5%
Pike	102	1.5%
Barren	93	1.4%
Graves	93	1.4%
Harlan	84	1.2%
Oldham	83	1.2%
Bullitt	76	1.1%
Henderson	76	1.1%
Boyd	75	1.1%
Laurel	74	1.1%
Boyle	73	1.1%
Campbell	71	1.0%
Shelby	71	1.0%
Floyd	69	1.0%
Logan	67	1.0%
Muhlenberg	66	1.0%
Perry	66	1.0%
Jessamine	65	1.0%
Greenup	60	0.9%

County	Deaths	Percent
Marshall	57	0.8%
Nelson	57	0.8%
Whitley	57	0.8%
Bell	56	0.8%
Grayson	55	0.8%
Adair	54	0.8%
Ohio	54	0.8%
Lincoln	53	0.8%
Calloway	51	0.8%
Mercer	51	0.8%
Taylor	50	0.7%
Hart	49	0.7%
Franklin	48	0.7%
Wayne	48	0.7%
Clay	45	0.7%
Letcher	45	0.7%
Russell	44	0.6%
Monroe	43	0.6%
Allen	42	0.6%
Lewis	39	0.6%
Simpson	39	0.6%
Knox	38	0.6%
Marion	38	0.6%
Washington	37	0.5%
Garrard	36	0.5%
Mason	36	0.5%
Carter	35	0.5%
Johnson	35	0.5%
Casey	34	0.5%
Scott	34	0.5%

County	Deaths	Percent
McCreary	33	0.5%
Caldwell	32	0.5%
Jackson	32	0.5%
Clark	31	0.5%
Clinton	31	0.5%
Gallatin	30	0.4%
Montgomery	30	0.4%
McLean	27	0.4%
Larue	26	0.4%
Lee	26	0.4%
Metcalfe	26	0.4%
Todd	26	0.4%
Butler	25	0.4%
Lawrence	25	0.4%
Meade	25	0.4%
Edmonson	24	0.4%
Fleming	24	0.4%
Harrison	24	0.4%
Spencer	24	0.4%
Anderson	23	0.3%
Crittenden	23	0.3%
Knott	23	0.3%
Rockcastle	23	0.3%
Bath	22	0.3%
Livingston	21	0.3%
Woodford	21	0.3%
Lyon	20	0.3%
Martin	20	0.3%
Rowan	20	0.3%
Webster	20	0.3%

County	Deaths	Percent
Bourbon	19	0.3%
Carroll	19	0.3%
Grant	19	0.3%
Henry	18	0.3%
Menifee	17	0.3%
Breckinridge	16	0.2%
Green	16	0.2%
Magoffin	16	0.2%
Owsley	16	0.2%
Hancock	15	0.2%
Trigg	15	0.2%
Union	15	0.2%
Fulton	14	0.2%
Robertson	14	0.2%
Owen	13	0.2%
Powell	13	0.2%
Estill	11	0.2%
Hickman	11	0.2%
Cumberland	10	0.1%
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%
Wolfe	6	0.1%
Pendleton	5	0.1%
Morgan	3	0.0%
Elliott	2	0.0%

Total Deaths
6,782

Incidence Rates by County

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

County	Rate
Webster	38.6
Union	22.8
Robertson	20.3
Owen	18.3
Casey	16.8
Rockcastle	15.4
Harlan	14.8
Whitley	14.6
Rowan	14.0
Todd	13.9
Laurel	13.6
Leslie	13.0
Owsley	12.9
Bath	12.6
Muhlenberg	12.1
Adair	11.9
Morgan	11.8
Estill	11.1
Taylor	11.1
Henderson	10.7
Powell	10.4
Knox	10.1
Clark	9.8
Garrard	9.7
Bell	9.3
Graves	9.2
Montgomery	9.1
Marion	8.9
Perry	8.3
Boyd	8.3

County	Rate
Harrison	7.6
Mason	7.5
Daviess	7.5
Spencer	7.4
Franklin	7.0
Lincoln	7.0
Pulaski	6.8
Carroll	6.7
Hancock	6.6
Greenup	6.5
Meade	6.5
Grayson	6.5
Cumberland	6.5
Gallatin	6.4
McLean	6.2
Fayette	6.1
Hopkins	6.1
Boone	5.9
Trigg	5.9
Bourbon	5.8
McCracken	5.7
Lawrence	5.6
Jefferson	5.5
Monroe	5.4
Henry	5.3
Jessamine	5.3
Nelson	5.3
Warren	5.2
Grant	5.1
Martin	5.1

County	Rate
Madison	5.1
Bullitt	4.9
Fulton	4.8
Scott	4.8
Livingston	4.7
Mercer	4.6
Pike	4.4
Floyd	4.4
Anderson	4.4
Woodford	4.3
Carter	4.3
Metcalfe	4.3
Logan	4.2
McCreary	4.1
Marshall	4.1
Letcher	4.0
Larue	4.0
Fleming	3.9
Hardin	3.9
Lee	3.9
Kenton	3.7
Ballard	3.6
Edmonson	3.5
Breckinridge	3.5
Lyon	3.5
Bracken	3.4
Caldwell	3.4
Allen	3.4
Hickman	3.3
Jackson	3.2

County	Rate
Russell	3.2
Hart	3.0
Calloway	2.9
Clay	2.9
Shelby	2.6
Green	2.6
Johnson	2.6
Christian	2.4
Ohio	2.4
Boyle	2.4
Washington	2.4
Simpson	2.3
Breathitt	2.3
Menifee	2.2
Lewis	2.2
Wayne	2.1
Wolfe	2.0
Nicholas	2.0
Oldham	1.9
Elliott	1.9
Campbell	1.7
Barren	1.3
Magoffin	1.2
Butler	1.1
Knott	1.0
Carlisle	0.0
Clinton	0.0
Crittenden	0.0
Pendleton	0.0
Trimble	0.0

Current Overall Incidence Rate
5.91 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.