

KY COVID-19 Report 28MAY21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	457,892	344,470	113,422
Deaths	6,758	6,092	666
New Cases	415	257	158
New Cases 18 and Under	71	38	33
New Deaths	6	6	0
New Audit Deaths	4	2	2
Total New Deaths	10	8	2

Duplicates and records not meeting case criteria removed since last report: 5

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
20,393	4.5%	0-9	0.0%	1
49,988	10.9%	10-19	0.0%	1
83,018	18.1%	20-29	0.1%	7
70,781	15.5%	30-39	0.5%	36
69,016	15.1%	40-49	1.8%	123
66,016	14.4%	50-59	6.1%	412
50,163	11.0%	60-69	17.0%	1,152
29,592	6.5%	70-79	27.8%	1,878
18,699	4.1%	80+	46.6%	3,148
226	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
943	0.2%	American Indian	0.1%	7
4,222	1.1%	Asian	0.5%	30
31,793	8.3%	Black	7.9%	511
377	0.1%	Pacific Islander	0.0%	3
328,725	85.3%	White	89.0%	5,724
19,170	5.0%	Multiracial	2.5%	158

Cases	Case Percent	Ethnicity	Death Percent	Deaths
20,145	5.5%	Hispanic	1.5%	95
345,697	94.5%	Non-Hispanic	98.5%	6,094

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	35.5%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
984	40,468	2.43%

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
6,613,033	5,326,202	305,031	897,007	555,803	406,622	30,971	118,210

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	22,755	4.97%
Ever ICU	4,631	1.01%
Recovered	52,754	11.52%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	338
ICU	103
On Ventilator	64

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,561	4,594	65.1%
ICU Beds	1,110	705	61.2%
Ventilators	397	1,304	23.3%

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	14	10	2	1.8%	9.8%	2.0%	53.79%	48.04%	16.16%
Region 2	22	6	4	2.7%	4.9%	4.5%	59.22%	61.48%	19.10%
Region 3	111	33	19	3.0%	6.2%	4.4%	70.42%	60.23%	30.96%
Region 4	8	1	1	0.9%	0.9%	0.9%	55.87%	65.74%	13.39%
Region 5	79	23	18	2.9%	5.5%	3.7%	71.93%	66.35%	27.59%
Region 6	26	4	14	2.0%	2.3%	35.9%	69.61%	36.57%	41.03%
Region 7	16	2	0	2.6%	3.1%	0.0%	72.09%	76.56%	4.96%
Region 8	30	9	3	2.5%	6.6%	2.0%	49.96%	80.88%	20.00%
Region 9	22	8	3	3.3%	7.0%	3.0%	59.61%	51.75%	12.00%
Region 10	10	7	0	2.1%	15.6%	0.0%	53.59%	80.00%	22.58%

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	82,058	17.9%
Fayette	36,143	7.9%
Kenton	16,667	3.6%
Warren	16,137	3.5%
Boone	14,220	3.1%
Daviess	10,905	2.4%
Hardin	9,831	2.1%
Madison	9,433	2.1%
Campbell	8,642	1.9%
Oldham	7,665	1.7%
Bullitt	7,334	1.6%
Christian	6,980	1.5%
McCracken	6,827	1.5%
Laurel	6,817	1.5%
Pulaski	6,567	1.4%
Pike	5,631	1.2%
Whitley	5,084	1.1%
Scott	5,079	1.1%
Boyd	5,058	1.1%
Nelson	4,963	1.1%
Henderson	4,916	1.1%
Shelby	4,793	1.0%
Jessamine	4,743	1.0%
Hopkins	4,550	1.0%
Barren	4,473	1.0%
Graves	4,252	0.9%
Franklin	4,102	0.9%
Greenup	3,648	0.8%
Calloway	3,543	0.8%
Floyd	3,458	0.8%

County	Cases	Percent
Boyle	3,456	0.8%
Knox	3,342	0.7%
Taylor	3,200	0.7%
Bell	3,134	0.7%
Muhlenberg	3,009	0.7%
Clark	2,971	0.6%
Harlan	2,893	0.6%
Logan	2,876	0.6%
Marshall	2,859	0.6%
Montgomery	2,799	0.6%
Perry	2,687	0.6%
Clay	2,683	0.6%
Mercer	2,599	0.6%
Ohio	2,493	0.5%
Grant	2,425	0.5%
Lincoln	2,359	0.5%
Marion	2,348	0.5%
Carter	2,308	0.5%
Morgan	2,289	0.5%
Rowan	2,286	0.5%
Wayne	2,223	0.5%
Grayson	2,218	0.5%
Woodford	2,160	0.5%
Simpson	2,126	0.5%
Allen	2,097	0.5%
Meade	2,055	0.4%
Johnson	2,053	0.4%
McCreary	2,023	0.4%
Hart	2,006	0.4%
Adair	1,948	0.4%

County	Cases	Percent
Letcher	1,930	0.4%
Russell	1,889	0.4%
Anderson	1,757	0.4%
Bourbon	1,729	0.4%
Harrison	1,723	0.4%
Mason	1,720	0.4%
Spencer	1,628	0.4%
Rockcastle	1,606	0.4%
Garrard	1,548	0.3%
Lyon	1,545	0.3%
Casey	1,480	0.3%
Lawrence	1,471	0.3%
Butler	1,470	0.3%
Caldwell	1,461	0.3%
Washington	1,454	0.3%
Clinton	1,450	0.3%
Union	1,411	0.3%
Henry	1,380	0.3%
Lewis	1,353	0.3%
Larue	1,345	0.3%
Monroe	1,339	0.3%
Webster	1,335	0.3%
Powell	1,329	0.3%
Jackson	1,321	0.3%
Trigg	1,321	0.3%
Breckinridge	1,293	0.3%
Lee	1,290	0.3%
Green	1,227	0.3%
Fleming	1,212	0.3%
Todd	1,166	0.3%

County	Cases	Percent
Knott	1,149	0.3%
Estill	1,135	0.2%
Metcalfe	1,050	0.2%
Martin	1,040	0.2%
Pendleton	1,037	0.2%
Bath	1,032	0.2%
Breathitt	1,031	0.2%
Carroll	1,025	0.2%
Magoffin	1,008	0.2%
Elliott	966	0.2%
Leslie	930	0.2%
Edmonson	917	0.2%
Hancock	896	0.2%
McLean	894	0.2%
Livingston	864	0.2%
Owen	720	0.2%
Gallatin	719	0.2%
Cumberland	703	0.2%
Trimble	693	0.2%
Crittenden	672	0.1%
Bracken	652	0.1%
Nicholas	559	0.1%
Fulton	534	0.1%
Wolfe	534	0.1%
Owsley	500	0.1%
Carlisle	482	0.1%
Menifee	479	0.1%
Ballard	408	0.1%
Hickman	393	0.1%
Robertson	234	0.1%

Total Cases
457,892

New Cases by County

County	Cases	Percent
Jefferson	87	21.0%
Fayette	31	7.5%
Kenton	24	5.8%
Warren	15	3.6%
Boone	12	2.9%
Campbell	12	2.9%
Johnson	11	2.7%
Bullitt	10	2.4%
Henderson	8	1.9%
Franklin	7	1.7%
Hardin	7	1.7%
Madison	7	1.7%
Scott	7	1.7%
Boyd	6	1.4%
Christian	6	1.4%
Daviess	6	1.4%
Laurel	6	1.4%
Pike	6	1.4%
Adair	5	1.2%
Bell	5	1.2%
Clark	5	1.2%
Grant	5	1.2%
Knox	5	1.2%
Graves	4	1.0%
Harlan	4	1.0%
Jessamine	4	1.0%
Lincoln	4	1.0%
McCracken	4	1.0%
Perry	4	1.0%
Pulaski	4	1.0%

County	Cases	Percent
Union	4	1.0%
Casey	3	0.7%
Garrard	3	0.7%
Henry	3	0.7%
Hopkins	3	0.7%
Lawrence	3	0.7%
Magoffin	3	0.7%
Marshall	3	0.7%
Owen	3	0.7%
Shelby	3	0.7%
Todd	3	0.7%
Allen	2	0.5%
Bath	2	0.5%
Calloway	2	0.5%
Gallatin	2	0.5%
Grayson	2	0.5%
Leslie	2	0.5%
Mercer	2	0.5%
Montgomery	2	0.5%
Morgan	2	0.5%
Muhlenberg	2	0.5%
Nelson	2	0.5%
Powell	2	0.5%
Rowan	2	0.5%
Russell	2	0.5%
Webster	2	0.5%
Whitley	2	0.5%
Ballard	1	0.2%
Bourbon	1	0.2%
Boyle	1	0.2%

County	Cases	Percent
Bracken	1	0.2%
Breckinridge	1	0.2%
Carlisle	1	0.2%
Carroll	1	0.2%
Elliott	1	0.2%
Estill	1	0.2%
Greenup	1	0.2%
Hancock	1	0.2%
Harrison	1	0.2%
Hart	1	0.2%
Hickman	1	0.2%
Lewis	1	0.2%
Livingston	1	0.2%
Logan	1	0.2%
McCreary	1	0.2%
McLean	1	0.2%
Marion	1	0.2%
Mason	1	0.2%
Metcalfe	1	0.2%
Monroe	1	0.2%
Rockcastle	1	0.2%
Simpson	1	0.2%
Taylor	1	0.2%
Washington	1	0.2%
Woodford	1	0.2%
Anderson	0	0.0%
Barren	0	0.0%
Breathitt	0	0.0%
Butler	0	0.0%
Caldwell	0	0.0%

County	Cases	Percent
Carter	0	0.0%
Clay	0	0.0%
Clinton	0	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Fleming	0	0.0%
Floyd	0	0.0%
Fulton	0	0.0%
Green	0	0.0%
Jackson	0	0.0%
Knott	0	0.0%
Larue	0	0.0%
Lee	0	0.0%
Letcher	0	0.0%
Lyon	0	0.0%
Martin	0	0.0%
Meade	0	0.0%
Menifee	0	0.0%
Nicholas	0	0.0%
Ohio	0	0.0%
Oldham	0	0.0%
Owsley	0	0.0%
Pendleton	0	0.0%
Robertson	0	0.0%
Spencer	0	0.0%
Trigg	0	0.0%
Trimble	0	0.0%
Wayne	0	0.0%
Wolfe	0	0.0%

Total New Cases
415

Total Deaths by County

County	Deaths	Percent
Jefferson	1,210	17.9%
Fayette	308	4.6%
Daviess	188	2.8%
Kenton	179	2.6%
Warren	174	2.6%
Hardin	158	2.3%
Hopkins	146	2.2%
McCracken	127	1.9%
Boone	126	1.9%
Madison	111	1.6%
Christian	104	1.5%
Pulaski	102	1.5%
Pike	101	1.5%
Barren	93	1.4%
Graves	93	1.4%
Harlan	84	1.2%
Oldham	83	1.2%
Henderson	76	1.1%
Boyd	75	1.1%
Bullitt	75	1.1%
Laurel	74	1.1%
Boyle	72	1.1%
Campbell	71	1.1%
Shelby	71	1.1%
Floyd	69	1.0%
Logan	67	1.0%
Muhlenberg	66	1.0%
Perry	66	1.0%
Jessamine	64	0.9%
Greenup	59	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	50	0.7%
Taylor	50	0.7%
Hart	49	0.7%
Franklin	48	0.7%
Wayne	48	0.7%
Letcher	45	0.7%
Clay	44	0.7%
Russell	44	0.7%
Monroe	43	0.6%
Allen	41	0.6%
Simpson	39	0.6%
Marion	38	0.6%
Knox	37	0.5%
Washington	37	0.5%
Garrard	36	0.5%
Mason	36	0.5%
Carter	35	0.5%
Johnson	35	0.5%
Casey	34	0.5%
McCreary	33	0.5%

County	Deaths	Percent
Scott	33	0.5%
Caldwell	32	0.5%
Jackson	32	0.5%
Clinton	31	0.5%
Clark	30	0.4%
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%
Lawrence	25	0.4%
Meade	25	0.4%
Butler	24	0.4%
Edmonson	24	0.4%
Fleming	24	0.4%
Harrison	24	0.4%
Spencer	24	0.4%
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%
Menifee	17	0.3%
Breckinridge	16	0.2%
Green	16	0.2%
Henry	16	0.2%
Magoffin	16	0.2%
Hancock	15	0.2%
Owsley	15	0.2%
Trigg	15	0.2%
Union	15	0.2%
Fulton	14	0.2%
Robertson	14	0.2%
Owen	13	0.2%
Powell	12	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
6,758

Incidence Rates by County

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

County	Rate
Webster	39.7
Owen	21.0
Union	20.9
Robertson	20.3
Bath	17.1
Harlan	15.9
Rowan	15.8
Laurel	14.8
Rockcastle	13.7
Montgomery	13.2
Taylor	12.8
Adair	12.6
Casey	12.4
Leslie	11.6
Powell	11.6
Knox	11.5
Whitley	11.0
Morgan	10.7
Henderson	10.1
Muhlenberg	9.8
Garrard	9.7
Graves	9.6
Clark	9.5
Bourbon	9.4
Todd	9.3
Boyd	8.3
Bell	8.2
Estill	8.1
Gallatin	8.1
Lee	7.7

County	Rate
Hopkins	7.7
Marion	7.4
Spencer	7.4
Daviess	7.3
Jessamine	7.1
Henry	7.1
Pulaski	7.0
Lincoln	7.0
McCracken	6.8
Carroll	6.7
Fayette	6.7
Hancock	6.6
Lawrence	6.5
Cumberland	6.5
Franklin	6.4
Boone	6.4
Martin	6.4
Livingston	6.2
Harrison	6.1
Grayson	5.9
Nelson	5.9
Mason	5.9
Bullitt	5.8
Scott	5.8
Warren	5.6
Perry	5.5
Jefferson	5.3
Madison	5.2
Floyd	5.2
Mercer	5.2

County	Rate
Grant	5.1
Fulton	4.8
McLean	4.7
Kenton	4.6
Meade	4.5
Woodford	4.3
McCreary	4.1
Marshall	4.1
Greenup	4.1
Monroe	4.0
Allen	4.0
Larue	4.0
Pike	3.9
Fleming	3.9
Boyle	3.8
Anderson	3.8
Carter	3.7
Calloway	3.7
Washington	3.5
Lyon	3.5
Bracken	3.4
Hickman	3.3
Owsley	3.2
Johnson	3.2
Jackson	3.2
Russell	3.2
Hardin	3.1
Hart	3.0
Ohio	3.0
Clay	2.9

County	Rate
Metcalfe	2.8
Wayne	2.8
Christian	2.6
Logan	2.6
Shelby	2.6
Green	2.6
Oldham	2.6
Edmonson	2.4
Butler	2.2
Lewis	2.2
Breckinridge	2.1
Wolfe	2.0
Nicholas	2.0
Trigg	2.0
Elliott	1.9
Campbell	1.8
Ballard	1.8
Barren	1.6
Letcher	1.3
Magoffin	1.2
Breathitt	1.1
Caldwell	1.1
Knott	1.0
Simpson	0.8
Carlisle	0.0
Clinton	0.0
Crittenden	0.0
Menifee	0.0
Pendleton	0.0
Trimble	0.0

Current Overall Incidence Rate
5.98 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.