

KY COVID-19 Report 18MAY21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	453,460	341,597	111,863
Deaths	6,673	6,022	651
New Cases	645	355	290
New Cases 18 and Under	133	74	59
New Deaths	11	11	0
New Audit Deaths	0	.	.
Total New Deaths	11	11	0

Duplicates and records not meeting case criteria removed since last report: 6

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
20,091	4.4%	0-9	0.0%	1
49,357	10.9%	10-19	0.0%	1
82,211	18.1%	20-29	0.1%	7
70,058	15.4%	30-39	0.5%	36
68,373	15.1%	40-49	1.8%	118
65,416	14.4%	50-59	6.1%	404
49,748	11.0%	60-69	17.0%	1,136
29,400	6.5%	70-79	27.7%	1,849
18,582	4.1%	80+	46.8%	3,121
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
4,180	1.1%	Asian	0.5%	30
31,242	8.2%	Black	8.0%	506
377	0.1%	Pacific Islander	0.0%	3
324,954	85.4%	White	88.9%	5,627
18,930	5.0%	Multiracial	2.5%	158

Cases	Case Percent	Ethnicity	Death Percent	Deaths
19,885	5.5%	Hispanic	1.5%	93
341,529	94.5%	Non-Hispanic	98.5%	5,993

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.9% 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	46,640	10.3%
Deaths	2,400	36.0%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
1,338	48,024	2.79%

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
6,484,371	5,253,849	299,556	869,529	549,990	403,552	29,781	116,657

Testing totals have been updated to include historic negative test results from laboratories recently onboarded into electronic reporting. A maximum of 13,000 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	22,457	4.95%
Ever ICU	4,578	1.01%
Recovered	52,284	11.53%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	390
ICU	113
On Ventilator	53

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,025	5,130	61.0%
ICU Beds	1,054	761	58.1%
Ventilators	427	1,341	24.2%

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	5	1	1.5%	4.9%	1.0%	50.25%	48.04%	9.09%
Region 2	34	9	6	4.1%	7.4%	6.7%	56.43%	54.92%	17.98%
Region 3	135	33	18	3.7%	6.2%	4.1%	63.66%	52.53%	29.36%
Region 4	14	6	4	1.6%	5.6%	3.6%	46.36%	57.41%	14.29%
Region 5	98	39	13	3.5%	9.4%	2.6%	69.22%	66.83%	30.75%
Region 6	25	3	1	1.9%	1.7%	0.9%	61.01%	33.71%	36.45%
Region 7	18	4	0	2.9%	6.3%	0.0%	59.01%	71.88%	11.38%
Region 8	29	8	6	2.4%	5.9%	4.0%	62.82%	83.09%	23.49%
Region 9	17	3	1	2.6%	2.6%	1.0%	56.16%	51.75%	7.00%
Region 10	8	3	3	1.7%	6.7%	4.8%	49.58%	91.11%	19.35%

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	81,137	17.9%
Fayette	35,895	7.9%
Kenton	16,415	3.6%
Warren	16,036	3.5%
Boone	14,025	3.1%
Daviess	10,824	2.4%
Hardin	9,772	2.2%
Madison	9,377	2.1%
Campbell	8,507	1.9%
Oldham	7,649	1.7%
Bullitt	7,286	1.6%
Christian	6,953	1.5%
McCracken	6,729	1.5%
Laurel	6,726	1.5%
Pulaski	6,500	1.4%
Pike	5,594	1.2%
Scott	5,016	1.1%
Whitley	5,014	1.1%
Boyd	5,005	1.1%
Nelson	4,933	1.1%
Henderson	4,855	1.1%
Shelby	4,772	1.1%
Jessamine	4,692	1.0%
Hopkins	4,507	1.0%
Barren	4,462	1.0%
Graves	4,213	0.9%
Franklin	4,070	0.9%
Greenup	3,622	0.8%
Calloway	3,526	0.8%
Boyle	3,445	0.8%

County	Cases	Percent
Floyd	3,429	0.8%
Knox	3,324	0.7%
Taylor	3,168	0.7%
Bell	3,112	0.7%
Muhlenberg	2,973	0.7%
Clark	2,916	0.6%
Logan	2,862	0.6%
Harlan	2,847	0.6%
Marshall	2,821	0.6%
Montgomery	2,748	0.6%
Clay	2,677	0.6%
Perry	2,666	0.6%
Mercer	2,580	0.6%
Ohio	2,483	0.5%
Lincoln	2,356	0.5%
Marion	2,333	0.5%
Grant	2,332	0.5%
Carter	2,293	0.5%
Morgan	2,270	0.5%
Rowan	2,247	0.5%
Wayne	2,217	0.5%
Grayson	2,180	0.5%
Woodford	2,146	0.5%
Simpson	2,120	0.5%
Allen	2,085	0.5%
Meade	2,041	0.5%
McCreary	2,011	0.4%
Hart	1,999	0.4%
Johnson	1,991	0.4%
Letcher	1,919	0.4%

County	Cases	Percent
Adair	1,901	0.4%
Russell	1,880	0.4%
Anderson	1,750	0.4%
Harrison	1,709	0.4%
Bourbon	1,703	0.4%
Mason	1,699	0.4%
Spencer	1,612	0.4%
Rockcastle	1,564	0.3%
Lyon	1,539	0.3%
Garrard	1,533	0.3%
Butler	1,466	0.3%
Lawrence	1,459	0.3%
Caldwell	1,453	0.3%
Clinton	1,446	0.3%
Washington	1,444	0.3%
Casey	1,430	0.3%
Union	1,377	0.3%
Henry	1,364	0.3%
Lewis	1,346	0.3%
Larue	1,338	0.3%
Monroe	1,336	0.3%
Jackson	1,319	0.3%
Powell	1,311	0.3%
Trigg	1,306	0.3%
Webster	1,293	0.3%
Breckinridge	1,287	0.3%
Lee	1,284	0.3%
Green	1,224	0.3%
Fleming	1,199	0.3%
Todd	1,147	0.3%

County	Cases	Percent
Knott	1,143	0.3%
Estill	1,123	0.2%
Metcalfe	1,047	0.2%
Martin	1,034	0.2%
Pendleton	1,032	0.2%
Breathitt	1,030	0.2%
Carroll	1,014	0.2%
Bath	1,003	0.2%
Magoffin	979	0.2%
Elliott	962	0.2%
Leslie	920	0.2%
Edmonson	914	0.2%
Hancock	890	0.2%
McLean	886	0.2%
Livingston	854	0.2%
Gallatin	705	0.2%
Cumberland	699	0.2%
Owen	692	0.2%
Trimble	692	0.2%
Crittenden	669	0.1%
Bracken	643	0.1%
Nicholas	556	0.1%
Wolfe	532	0.1%
Fulton	529	0.1%
Owsley	498	0.1%
Carlisle	479	0.1%
Menifee	478	0.1%
Ballard	404	0.1%
Hickman	391	0.1%
Robertson	231	0.1%

Total Cases
453,460

New Cases by County

County	Cases	Percent
Jefferson	110	17.1%
Fayette	39	6.0%
Pulaski	39	6.0%
McCracken	28	4.3%
Boone	26	4.0%
Kenton	25	3.9%
Hardin	21	3.3%
Campbell	17	2.6%
Madison	13	2.0%
Grayson	12	1.9%
Henderson	12	1.9%
Jessamine	12	1.9%
Marshall	12	1.9%
Daviess	10	1.6%
Grant	10	1.6%
Rockcastle	10	1.6%
Warren	9	1.4%
Muhlenberg	8	1.2%
Ohio	8	1.2%
Graves	7	1.1%
Johnson	7	1.1%
Knox	7	1.1%
Lincoln	7	1.1%
Pike	7	1.1%
Bullitt	6	0.9%
Casey	6	0.9%
Lewis	6	0.9%
Magoffin	6	0.9%
Mercer	6	0.9%
Oldham	6	0.9%

County	Cases	Percent
Taylor	6	0.9%
Webster	6	0.9%
Whitley	6	0.9%
Allen	5	0.8%
Carter	5	0.8%
Christian	5	0.8%
Laurel	5	0.8%
Powell	5	0.8%
Shelby	5	0.8%
Union	5	0.8%
Harlan	4	0.6%
Hart	4	0.6%
Owen	4	0.6%
Scott	4	0.6%
Adair	3	0.5%
Anderson	3	0.5%
Bourbon	3	0.5%
Bracken	3	0.5%
Carlisle	3	0.5%
Floyd	3	0.5%
Harrison	3	0.5%
Larue	3	0.5%
Lawrence	3	0.5%
Nelson	3	0.5%
Russell	3	0.5%
Barren	2	0.3%
Boyd	2	0.3%
Clay	2	0.3%
Estill	2	0.3%
Fulton	2	0.3%

County	Cases	Percent
Greenup	2	0.3%
Hancock	2	0.3%
Hickman	2	0.3%
Hopkins	2	0.3%
Jackson	2	0.3%
Nicholas	2	0.3%
Owsley	2	0.3%
Pendleton	2	0.3%
Spencer	2	0.3%
Ballard	1	0.2%
Bath	1	0.2%
Boyle	1	0.2%
Breathitt	1	0.2%
Breckinridge	1	0.2%
Calloway	1	0.2%
Carroll	1	0.2%
Clark	1	0.2%
Franklin	1	0.2%
Gallatin	1	0.2%
Green	1	0.2%
Henry	1	0.2%
Lee	1	0.2%
Letcher	1	0.2%
Logan	1	0.2%
Lyon	1	0.2%
Marion	1	0.2%
Martin	1	0.2%
Meade	1	0.2%
Morgan	1	0.2%
Rowan	1	0.2%

County	Cases	Percent
Simpson	1	0.2%
Wayne	1	0.2%
Bell	0	0.0%
Butler	0	0.0%
Caldwell	0	0.0%
Clinton	0	0.0%
Crittenden	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Elliott	0	0.0%
Fleming	0	0.0%
Garrard	0	0.0%
Knott	0	0.0%
Leslie	0	0.0%
Livingston	0	0.0%
McCreary	0	0.0%
McLean	0	0.0%
Mason	0	0.0%
Menifee	0	0.0%
Metcalfe	0	0.0%
Monroe	0	0.0%
Montgomery	0	0.0%
Perry	0	0.0%
Robertson	0	0.0%
Todd	0	0.0%
Trigg	0	0.0%
Trimble	0	0.0%
Washington	0	0.0%
Wolfe	0	0.0%
Woodford	0	0.0%

Total New Cases
645

Total Deaths by County

County	Deaths	Percent
Jefferson	1,196	17.9%
Fayette	307	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	110	1.6%
Christian	104	1.6%
Pulaski	100	1.5%
Pike	98	1.5%
Graves	93	1.4%
Barren	92	1.4%
Harlan	83	1.2%
Oldham	82	1.2%
Boyd	75	1.1%
Bullitt	75	1.1%
Henderson	75	1.1%
Laurel	71	1.1%
Boyle	70	1.0%
Campbell	70	1.0%
Shelby	70	1.0%
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%
Lincoln	52	0.8%
Calloway	51	0.8%
Mercer	50	0.7%
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%
Lewis	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%
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	0.4%
Montgomery	30	0.4%
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	0.1%
Hickman	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%
Pendleton	5	0.1%
Wolfe	5	0.1%
Morgan	3	0.0%
Elliott	2	0.0%

Total Deaths
6,673

Incidence Rates by County

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

County	Rate
Webster	30.9
Rockcastle	25.7
Adair	24.6
Union	22.8
Casey	22.1
Henderson	20.5
Estill	20.3
Taylor	20.0
Lewis	18.3
Montgomery	17.8
Owen	17.0
Larue	16.9
Grayson	16.8
Morgan	16.1
Hart	15.8
Powell	15.0
Knox	14.7
Bracken	13.8
Robertson	13.6
Lee	13.5
Hancock	13.1
Muhlenberg	13.1
Pulaski	13.0
Fulton	12.0
Whitley	11.8
McCreary	11.6
Shelby	11.4
Harlan	11.0
Mason	10.9
Daviess	10.8

County	Rate
Grant	10.8
Jessamine	10.8
Ohio	10.7
Boyd	10.7
Bath	10.3
Bourbon	10.1
Marshall	10.1
Jefferson	10.1
Metcalfe	9.9
Lincoln	9.9
Gallatin	9.7
Hardin	9.7
Logan	9.5
Laurel	9.4
Marion	8.9
Butler	8.9
Anderson	8.8
Lyon	8.7
Hopkins	8.6
Greenup	8.5
Warren	8.5
Lawrence	8.4
Johnson	8.4
Magoffin	8.2
Graves	8.1
Russell	8.0
McCracken	7.9
Nicholas	7.9
Fleming	7.8
Mercer	7.8

County	Rate
Martin	7.7
Fayette	7.6
Rowan	7.6
Jackson	7.5
Carter	7.5
Franklin	7.3
Bell	7.1
Breckinridge	7.0
Todd	7.0
Boone	7.0
Pendleton	6.9
Bullitt	6.8
Scott	6.8
Spencer	6.6
Oldham	6.6
Madison	6.6
Green	6.5
Hickman	6.5
Owsley	6.5
Livingston	6.2
Boyle	6.2
Harrison	6.1
Carlisle	6.0
Washington	5.9
Nelson	5.9
Pike	5.7
Meade	5.5
Ballard	5.4
Allen	5.4
Woodford	5.3

County	Rate
Floyd	5.2
Garrard	4.9
McLean	4.7
Kenton	4.5
Christian	4.5
Leslie	4.3
Wayne	4.2
Carroll	4.0
Monroe	4.0
Clark	3.9
Perry	3.9
Simpson	3.8
Elliott	3.8
Barren	2.9
Clay	2.9
Henry	2.7
Letcher	2.7
Breathitt	2.3
Caldwell	2.2
Calloway	2.2
Wolfe	2.0
Campbell	2.0
Trimble	1.7
Crittenden	1.6
Clinton	1.4
Edmonson	1.2
Trigg	1.0
Cumberland	0.0
Knott	0.0
Menifee	0.0

Current Overall Incidence Rate
8.63 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.