

KY COVID-19 Report

18FEB21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	392,729	302,781	89,948
Deaths	4,373	3,972	401
New Cases	963	463	500
New Cases 18 and Under	141	65	76
New Deaths	37	31	6

6 duplicates and records not meeting case criteria removed since last report

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
16,347	4.2%	0-9	0.0%	1
40,893	10.4%	10-19	0.0%	1
71,290	18.2%	20-29	0.0%	2
60,500	15.4%	30-39	0.6%	27
59,251	15.1%	40-49	1.7%	73
56,929	14.5%	50-59	5.9%	256
43,840	11.2%	60-69	17.3%	757
26,425	6.7%	70-79	27.6%	1,209
17,058	4.3%	80+	46.8%	2,047
196	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
791	0.3%	American Indian	0.1%	4
3,522	1.2%	Asian	0.5%	22
25,650	8.5%	Black	8.4%	339
359	0.1%	Pacific Islander	0.0%	1
256,996	84.9%	White	88.3%	3,555
15,255	5.0%	Multiracial	2.6%	106

Cases	Case Percent	Ethnicity	Death Percent	Deaths
16,643	5.5%	Hispanic	1.7%	67
284,144	94.5%	Non-Hispanic	98.3%	3,809

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 77.0% of cases and 92.1% of deaths
Ethnicity known for 76.6% of cases and 88.6% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	44,554	11.3%
Deaths	2,327	53.2%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
3,222	45,598	7.07%

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
4,335,650	3,786,674	110,363	438,613	286,437	241,915	9,246	35,276

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	18,314	4.66%
Ever ICU	3,836	0.98%
Recovered	46,254	11.78%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	935
ICU	260
On Ventilator	130

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,456	4,834	63.6%
ICU Beds	1,176	627	65.2%
Ventilators	565	1,201	32.0%

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	42	18	7	5.3%	17.6%	7.1%	51.89%	61.76%	15.15%
Region 2	49	11	9	5.9%	9.0%	10.2%	58.13%	57.38%	35.23%
Region 3	305	73	44	8.0%	14.0%	10.1%	62.39%	61.42%	37.76%
Region 4	67	16	8	7.9%	14.8%	6.6%	61.27%	81.48%	20.66%
Region 5	164	45	25	5.9%	10.8%	5.1%	67.59%	65.14%	39.34%
Region 6	81	30	8	6.3%	17.1%	7.2%	69.01%	47.43%	50.45%
Region 7	42	6	3	6.7%	9.4%	2.5%	74.80%	78.13%	11.02%
Region 8	86	25	12	7.2%	18.4%	8.5%	64.41%	86.03%	26.24%
Region 9	73	23	9	11.0%	20.2%	8.9%	61.71%	64.04%	14.85%
Region 10	26	13	5	5.5%	28.9%	8.1%	55.27%	91.11%	25.81%

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	70,971	18.1%
Fayette	31,821	8.1%
Kenton	14,348	3.7%
Warren	14,228	3.6%
Boone	12,045	3.1%
Daviess	9,434	2.4%
Hardin	8,589	2.2%
Madison	8,418	2.1%
Campbell	7,499	1.9%
Oldham	6,730	1.7%
Christian	6,102	1.6%
Bullitt	5,972	1.5%
McCracken	5,613	1.4%
Laurel	5,606	1.4%
Pulaski	5,574	1.4%
Pike	4,944	1.3%
Boyd	4,554	1.2%
Nelson	4,495	1.1%
Henderson	4,274	1.1%
Shelby	4,228	1.1%
Whitley	4,030	1.0%
Jessamine	3,999	1.0%
Graves	3,910	1.0%
Barren	3,880	1.0%
Hopkins	3,837	1.0%
Scott	3,801	1.0%
Franklin	3,534	0.9%
Calloway	3,332	0.8%
Greenup	3,262	0.8%
Boyle	3,103	0.8%

County	Cases	Percent
Floyd	2,946	0.8%
Knox	2,791	0.7%
Muhlenberg	2,672	0.7%
Bell	2,636	0.7%
Taylor	2,578	0.7%
Marshall	2,466	0.6%
Logan	2,413	0.6%
Clark	2,346	0.6%
Harlan	2,341	0.6%
Clay	2,335	0.6%
Mercer	2,298	0.6%
Montgomery	2,245	0.6%
Ohio	2,240	0.6%
Perry	2,183	0.6%
Marion	2,093	0.5%
Lincoln	2,051	0.5%
Morgan	1,983	0.5%
Wayne	1,948	0.5%
Woodford	1,946	0.5%
Grant	1,938	0.5%
Carter	1,930	0.5%
Grayson	1,888	0.5%
Rowan	1,872	0.5%
Meade	1,793	0.5%
Hart	1,779	0.5%
Allen	1,770	0.5%
Johnson	1,699	0.4%
McCreary	1,661	0.4%
Letcher	1,627	0.4%
Simpson	1,616	0.4%

County	Cases	Percent
Anderson	1,586	0.4%
Russell	1,574	0.4%
Bourbon	1,511	0.4%
Adair	1,509	0.4%
Harrison	1,461	0.4%
Spencer	1,454	0.4%
Mason	1,399	0.4%
Garrard	1,368	0.3%
Clinton	1,326	0.3%
Rockcastle	1,302	0.3%
Washington	1,288	0.3%
Butler	1,286	0.3%
Caldwell	1,283	0.3%
Union	1,251	0.3%
Monroe	1,235	0.3%
Lawrence	1,193	0.3%
Henry	1,176	0.3%
Lee	1,176	0.3%
Jackson	1,175	0.3%
Larue	1,162	0.3%
Casey	1,161	0.3%
Webster	1,151	0.3%
Trigg	1,090	0.3%
Lewis	1,070	0.3%
Breckinridge	1,069	0.3%
Fleming	1,064	0.3%
Green	1,037	0.3%
Knott	992	0.3%
Todd	992	0.3%
Estill	953	0.2%

County	Cases	Percent
Powell	948	0.2%
Elliott	934	0.2%
Metcalfe	927	0.2%
Pendleton	906	0.2%
Martin	905	0.2%
Breathitt	898	0.2%
Carroll	868	0.2%
Magoffin	850	0.2%
McLean	822	0.2%
Edmonson	799	0.2%
Hancock	795	0.2%
Leslie	750	0.2%
Bath	740	0.2%
Livingston	739	0.2%
Gallatin	637	0.2%
Cumberland	636	0.2%
Owen	609	0.2%
Trimble	584	0.1%
Crittenden	550	0.1%
Bracken	489	0.1%
Fulton	465	0.1%
Lyon	457	0.1%
Nicholas	436	0.1%
Carlisle	421	0.1%
Wolfe	413	0.1%
Owsley	403	0.1%
Menifee	393	0.1%
Ballard	335	0.1%
Hickman	313	0.1%
Robertson	188	0.0%

Total Cases
392,729

New Cases by County

County	Cases	Percent
Jefferson	145	15.1%
Fayette	66	6.9%
Laurel	41	4.3%
Christian	35	3.6%
Kenton	32	3.3%
Boone	28	2.9%
Montgomery	27	2.8%
Bullitt	24	2.5%
Campbell	23	2.4%
Warren	22	2.3%
Jessamine	21	2.2%
Madison	21	2.2%
Hardin	19	2.0%
Shelby	19	2.0%
Boyd	18	1.9%
Pike	17	1.8%
Franklin	16	1.7%
McCracken	16	1.7%
Bell	14	1.5%
Greenup	14	1.5%
Nelson	14	1.5%
Scott	14	1.5%
Daviess	13	1.3%
Oldham	12	1.2%
Hopkins	11	1.1%
Morgan	11	1.1%
Spencer	11	1.1%
Clark	10	1.0%
Knox	10	1.0%
Mason	10	1.0%

County	Cases	Percent
Barren	9	0.9%
Logan	9	0.9%
Ohio	9	0.9%
Clay	8	0.8%
Wayne	8	0.8%
Marshall	7	0.7%
Taylor	7	0.7%
Garrard	6	0.6%
Henderson	6	0.6%
Knott	6	0.6%
Marion	6	0.6%
Perry	6	0.6%
Bourbon	5	0.5%
Floyd	5	0.5%
Henry	5	0.5%
Johnson	5	0.5%
Lincoln	5	0.5%
Meade	5	0.5%
Washington	5	0.5%
Grant	4	0.4%
Grayson	4	0.4%
Harlan	4	0.4%
Harrison	4	0.4%
Leslie	4	0.4%
Letcher	4	0.4%
Muhlenberg	4	0.4%
Rockcastle	4	0.4%
Webster	4	0.4%
Allen	3	0.3%
Anderson	3	0.3%

County	Cases	Percent
Bracken	3	0.3%
Edmonson	3	0.3%
Jackson	3	0.3%
Larue	3	0.3%
Magoffin	3	0.3%
Woodford	3	0.3%
Adair	2	0.2%
Ballard	2	0.2%
Boyle	2	0.2%
Breathitt	2	0.2%
Caldwell	2	0.2%
Calloway	2	0.2%
Carroll	2	0.2%
Casey	2	0.2%
Cumberland	2	0.2%
Fulton	2	0.2%
Gallatin	2	0.2%
Graves	2	0.2%
Hancock	2	0.2%
Mercer	2	0.2%
Robertson	2	0.2%
Rowan	2	0.2%
Bath	1	0.1%
Butler	1	0.1%
Estill	1	0.1%
Hart	1	0.1%
Hickman	1	0.1%
Lee	1	0.1%
Martin	1	0.1%
Menifee	1	0.1%

County	Cases	Percent
Metcalfe	1	0.1%
Pendleton	1	0.1%
Russell	1	0.1%
Simpson	1	0.1%
Union	1	0.1%
Whitley	1	0.1%
Wolfe	1	0.1%
Breckinridge	0	0.0%
Carlisle	0	0.0%
Carter	0	0.0%
Clinton	0	0.0%
Crittenden	0	0.0%
Elliott	0	0.0%
Fleming	0	0.0%
Green	0	0.0%
Lawrence	0	0.0%
Lewis	0	0.0%
Livingston	0	0.0%
Lyon	0	0.0%
McCreary	0	0.0%
McLean	0	0.0%
Monroe	0	0.0%
Nicholas	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Powell	0	0.0%
Pulaski	0	0.0%
Todd	0	0.0%
Trigg	0	0.0%
Trimble	0	0.0%

Total New Cases
963

Total Deaths by County

County	Deaths	Percent
Jefferson	773	17.7%
Fayette	216	4.9%
Daviess	154	3.5%
Warren	129	2.9%
Hopkins	123	2.8%
Kenton	119	2.7%
Hardin	86	2.0%
Madison	79	1.8%
Christian	75	1.7%
Pulaski	73	1.7%
Boone	72	1.6%
Graves	70	1.6%
Oldham	69	1.6%
Barren	67	1.5%
Harlan	67	1.5%
McCracken	63	1.4%
Henderson	55	1.3%
Logan	51	1.2%
Pike	51	1.2%
Adair	49	1.1%
Jessamine	49	1.1%
Muhlenberg	47	1.1%
Bullitt	46	1.1%
Marshall	46	1.1%
Ohio	46	1.1%
Campbell	45	1.0%
Grayson	45	1.0%
Shelby	44	1.0%
Boyd	43	1.0%
Calloway	38	0.9%

County	Deaths	Percent
Wayne	38	0.9%
Monroe	37	0.8%
Russell	36	0.8%
Bell	33	0.8%
Casey	33	0.8%
Hart	33	0.8%
Lincoln	32	0.7%
Perry	32	0.7%
Boyle	31	0.7%
Nelson	31	0.7%
Lewis	30	0.7%
Jackson	29	0.7%
Taylor	29	0.7%
Floyd	28	0.6%
Franklin	28	0.6%
Simpson	28	0.6%
Washington	28	0.6%
Mason	27	0.6%
Clay	26	0.6%
Scott	26	0.6%
Clinton	25	0.6%
McLean	25	0.6%
Todd	24	0.5%
Butler	23	0.5%
Caldwell	23	0.5%
Greenup	23	0.5%
Laurel	23	0.5%
Marion	23	0.5%
Montgomery	23	0.5%
Allen	22	0.5%

County	Deaths	Percent
Carter	22	0.5%
Gallatin	19	0.4%
Lee	19	0.4%
McCreary	19	0.4%
Mercer	19	0.4%
Metcalfe	19	0.4%
Clark	18	0.4%
Edmonson	18	0.4%
Johnson	18	0.4%
Letcher	18	0.4%
Crittenden	17	0.4%
Lawrence	17	0.4%
Webster	17	0.4%
Bath	16	0.4%
Livingston	16	0.4%
Whitley	16	0.4%
Anderson	15	0.3%
Knott	15	0.3%
Fleming	14	0.3%
Hancock	14	0.3%
Green	13	0.3%
Lyon	13	0.3%
Meade	13	0.3%
Rockcastle	13	0.3%
Union	13	0.3%
Grant	12	0.3%
Robertson	12	0.3%
Knox	11	0.3%
Larue	11	0.3%
Martin	11	0.3%

County	Deaths	Percent
Menifee	11	0.3%
Spencer	11	0.3%
Carroll	10	0.2%
Owsley	10	0.2%
Rowan	10	0.2%
Harrison	9	0.2%
Breckinridge	8	0.2%
Garrard	8	0.2%
Trigg	8	0.2%
Bourbon	7	0.2%
Cumberland	7	0.2%
Henry	7	0.2%
Hickman	7	0.2%
Owen	7	0.2%
Breathitt	6	0.1%
Fulton	6	0.1%
Nicholas	6	0.1%
Ballard	5	0.1%
Bracken	4	0.1%
Wolfe	4	0.1%
Woodford	4	0.1%
Trimble	3	0.1%
Leslie	2	0.0%
Carlisle	1	0.0%
Elliott	1	0.0%
Magoffin	1	0.0%
Morgan	1	0.0%
Pendleton	1	0.0%
Powell	1	0.0%
Estill	0	0.0%

Total Deaths
4,373

Incidence Rates by County

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

County	Rate
Metcalfe	46.8
Bell	43.9
Knott	39.6
Owsley	38.8
Butler	37.7
McCreary	36.5
Shelby	35.0
Nelson	34.3
Montgomery	34.0
Taylor	33.8
Gallatin	32.2
Washington	31.9
Barren	31.3
Spencer	28.8
Cumberland	28.1
Livingston	28.0
Boone	27.9
Campbell	27.5
Kenton	27.3
Fayette	27.2
Russell	27.1
Trimble	27.0
Logan	26.9
Daviess	26.6
Warren	26.6
Estill	26.3
Madison	26.1
Hickman	26.1
Marion	25.9
Knox	25.7

County	Rate
Woodford	25.1
Grant	25.1
Bullitt	25.0
Caldwell	23.5
Perry	23.3
Ohio	23.2
Wayne	23.2
Lee	23.2
Jessamine	23.0
Crittenden	22.7
Clinton	22.4
Henry	22.1
Whitley	22.1
Scott	21.6
Clay	21.5
Carroll	21.5
Jefferson	21.1
Laurel	20.9
Hardin	20.9
Larue	20.8
Simpson	20.8
Graves	20.7
Pulaski	20.2
Garrard	20.2
Mercer	20.2
Mason	20.1
Boyd	19.3
Rockcastle	18.8
Leslie	18.8
Rowan	18.7

County	Rate
Powell	18.5
Lewis	18.3
Franklin	18.2
Lincoln	18.0
Hancock	18.0
Henderson	17.7
Webster	17.7
Edmonson	17.6
Pike	17.5
Harrison	17.4
Johnson	17.4
Hopkins	16.9
Floyd	16.9
Hart	16.5
Casey	15.9
Bourbon	15.9
Greenup	15.9
Owen	15.7
Boyle	14.3
Marshall	14.2
Grayson	14.1
Todd	13.9
Pendleton	13.7
Robertson	13.6
Harlan	13.2
Clark	13.0
Christian	12.6
Breathitt	12.4
Muhlenberg	12.1
Bracken	12.0

County	Rate
McCracken	12.0
Meade	12.0
Nicholas	11.8
Trigg	11.7
Anderson	11.3
Union	10.9
Ballard	10.9
Allen	10.7
Magoffin	10.6
Green	10.4
Adair	10.4
Oldham	10.3
Letcher	9.9
McLean	9.3
Martin	8.9
Lyon	8.7
Breckinridge	7.0
Jackson	6.4
Wolfe	6.0
Carter	5.9
Morgan	5.4
Fleming	4.9
Fulton	4.8
Lawrence	4.7
Bath	4.6
Menifee	4.4
Calloway	3.7
Monroe	2.7
Carlisle	0.0
Elliott	0.0

Current Overall Incidence Rate
21.37 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.