

# KY COVID-19 Report 04FEB21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	372,012	290,000	82,012
Deaths	3,921	3,576	345
New Cases	2,500	1,702	798
New Cases 18 and Under	432	274	158
New Deaths	58	53	5

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

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
15,196	4.1%	0-9	0.0%	1
38,285	10.3%	10-19	0.0%	1
67,809	18.2%	20-29	0.1%	2
57,203	15.4%	30-39	0.7%	26
56,058	15.1%	40-49	1.6%	63
53,925	14.5%	50-59	5.8%	229
41,667	11.2%	60-69	16.9%	661
25,218	6.8%	70-79	27.1%	1,064
16,460	4.4%	80+	47.8%	1,874
191	0.1%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
721	0.3%	American Indian	0.1%	3
3,330	1.2%	Asian	0.6%	20
24,307	8.5%	Black	8.6%	310
337	0.1%	Pacific Islander	0.0%	1
243,127	85.0%	White	88.0%	3,162
14,329	5.0%	Multiracial	2.7%	97

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
15,961	5.7%	Hispanic	1.9%	65
265,175	94.3%	Non-Hispanic	98.1%	3,393

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
 Race known for 76.9% of cases and 91.6% of deaths  
 Ethnicity known for 75.6% of cases and 88.2% of deaths

### Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	44,184	11.9%
Deaths	2,277	58.1%

### Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
7,049	84,168	8.37%

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
4,138,554	3,653,551	108,691	376,312	272,927	232,232	8,700	31,995

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	17,170	4.62%
Ever ICU	3,639	0.98%
Recovered	44,394	11.93%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,340
ICU	368
On Ventilator	171

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,537	4,753	64.2%
ICU Beds	1,218	585	67.6%
Ventilators	624	1,143	35.3%

### 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	66	15	9	8.3%	14.7%	9.1%	55.56%	60.78%	20.20%
Region 2	73	17	11	8.9%	13.9%	12.8%	59.10%	55.74%	36.05%
Region 3	431	119	61	11.3%	22.8%	14.0%	64.59%	64.88%	40.50%
Region 4	87	25	8	10.2%	23.1%	6.7%	57.16%	82.41%	19.33%
Region 5	241	60	38	8.7%	14.4%	7.8%	69.84%	68.27%	43.42%
Region 6	147	44	14	11.5%	25.1%	12.6%	76.29%	61.71%	59.46%
Region 7	54	9	4	8.6%	14.1%	3.4%	69.06%	82.81%	14.41%
Region 8	131	39	15	10.9%	28.7%	9.9%	57.23%	82.35%	26.49%
Region 9	77	26	7	11.6%	22.8%	7.0%	55.71%	52.63%	22.00%
Region 10	33	14	4	7.0%	31.1%	6.7%	55.70%	97.78%	28.33%

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	67,606	18.2%
Fayette	30,321	8.2%
Warren	13,597	3.7%
Kenton	13,327	3.6%
Boone	11,213	3.0%
Daviess	8,911	2.4%
Hardin	8,151	2.2%
Madison	7,942	2.1%
Campbell	7,000	1.9%
Oldham	6,560	1.8%
Christian	5,841	1.6%
Bullitt	5,651	1.5%
McCracken	5,363	1.4%
Laurel	5,267	1.4%
Pulaski	5,237	1.4%
Pike	4,688	1.3%
Boyd	4,345	1.2%
Nelson	4,211	1.1%
Henderson	4,071	1.1%
Shelby	3,981	1.1%
Whitley	3,809	1.0%
Jessamine	3,745	1.0%
Graves	3,744	1.0%
Hopkins	3,663	1.0%
Barren	3,590	1.0%
Scott	3,564	1.0%
Franklin	3,287	0.9%
Calloway	3,271	0.9%
Greenup	3,140	0.8%
Boyle	2,994	0.8%

County	Cases	Percent
Floyd	2,793	0.8%
Knox	2,677	0.7%
Muhlenberg	2,582	0.7%
Bell	2,476	0.7%
Taylor	2,365	0.6%
Marshall	2,323	0.6%
Logan	2,273	0.6%
Harlan	2,266	0.6%
Clark	2,239	0.6%
Clay	2,239	0.6%
Mercer	2,216	0.6%
Ohio	2,131	0.6%
Perry	2,043	0.5%
Montgomery	2,018	0.5%
Marion	1,952	0.5%
Lincoln	1,950	0.5%
Morgan	1,924	0.5%
Carter	1,861	0.5%
Wayne	1,858	0.5%
Woodford	1,812	0.5%
Grayson	1,790	0.5%
Rowan	1,776	0.5%
Grant	1,773	0.5%
Meade	1,706	0.5%
Hart	1,684	0.5%
Allen	1,605	0.4%
Johnson	1,603	0.4%
Letcher	1,548	0.4%
Simpson	1,544	0.4%
McCreary	1,508	0.4%

County	Cases	Percent
Anderson	1,501	0.4%
Adair	1,458	0.4%
Bourbon	1,449	0.4%
Russell	1,417	0.4%
Harrison	1,394	0.4%
Spencer	1,350	0.4%
Garrard	1,306	0.4%
Mason	1,274	0.3%
Rockcastle	1,244	0.3%
Clinton	1,238	0.3%
Union	1,217	0.3%
Washington	1,213	0.3%
Butler	1,203	0.3%
Caldwell	1,190	0.3%
Monroe	1,190	0.3%
Lee	1,140	0.3%
Jackson	1,122	0.3%
Lawrence	1,114	0.3%
Henry	1,110	0.3%
Larue	1,101	0.3%
Casey	1,091	0.3%
Webster	1,065	0.3%
Fleming	1,024	0.3%
Lewis	1,022	0.3%
Breckinridge	1,017	0.3%
Trigg	998	0.3%
Green	986	0.3%
Todd	955	0.3%
Powell	912	0.2%
Elliott	909	0.2%

County	Cases	Percent
Knott	908	0.2%
Estill	903	0.2%
Martin	878	0.2%
Breathitt	856	0.2%
Pendleton	855	0.2%
Metcalfe	834	0.2%
Carroll	824	0.2%
Magoffin	814	0.2%
McLean	798	0.2%
Edmonson	751	0.2%
Hancock	746	0.2%
Bath	710	0.2%
Leslie	707	0.2%
Livingston	670	0.2%
Cumberland	610	0.2%
Gallatin	591	0.2%
Owen	573	0.2%
Trimble	534	0.1%
Crittenden	517	0.1%
Bracken	462	0.1%
Fulton	450	0.1%
Nicholas	427	0.1%
Lyon	425	0.1%
Carlisle	410	0.1%
Wolfe	398	0.1%
Owsley	368	0.1%
Menifee	362	0.1%
Ballard	317	0.1%
Hickman	289	0.1%
Robertson	181	0.0%

Total Cases  
372,012

## New Cases by County

County	Cases	Percent
Jefferson	400	16.0%
Fayette	165	6.6%
Kenton	162	6.5%
Boone	138	5.5%
Madison	112	4.5%
Daviess	82	3.3%
Campbell	75	3.0%
Warren	75	3.0%
Hardin	52	2.1%
Pike	44	1.8%
Clark	40	1.6%
Nelson	37	1.5%
Bell	34	1.4%
Bullitt	34	1.4%
Letcher	32	1.3%
Barren	30	1.2%
Oldham	29	1.2%
Hopkins	28	1.1%
Marshall	28	1.1%
McCracken	25	1.0%
Washington	25	1.0%
Christian	24	1.0%
Boyd	23	0.9%
Franklin	23	0.9%
Grant	23	0.9%
Laurel	23	0.9%
Henderson	22	0.9%
Jessamine	22	0.9%
Scott	21	0.8%
Whitley	21	0.8%

County	Cases	Percent
Graves	20	0.8%
Taylor	19	0.8%
Harrison	18	0.7%
Shelby	18	0.7%
Woodford	18	0.7%
Bourbon	17	0.7%
Floyd	17	0.7%
Greenup	17	0.7%
Montgomery	17	0.7%
Rowan	17	0.7%
Perry	16	0.6%
Rockcastle	16	0.6%
Marion	15	0.6%
Pulaski	15	0.6%
Anderson	14	0.6%
Butler	14	0.6%
Logan	14	0.6%
Allen	13	0.5%
Knox	13	0.5%
Calloway	12	0.5%
Grayson	12	0.5%
Lawrence	12	0.5%
Mercer	12	0.5%
Fleming	11	0.4%
Garrard	11	0.4%
Trigg	11	0.4%
Hart	10	0.4%
Ohio	10	0.4%
Boyle	9	0.4%
Breathitt	9	0.4%

County	Cases	Percent
Knott	9	0.4%
Meade	9	0.4%
Metcalfe	9	0.4%
Henry	8	0.3%
Menifee	8	0.3%
Carter	7	0.3%
Larue	7	0.3%
Muhlenberg	7	0.3%
Russell	7	0.3%
Harlan	6	0.2%
Johnson	6	0.2%
Leslie	6	0.2%
Spencer	6	0.2%
Bath	5	0.2%
Breckinridge	5	0.2%
Clay	5	0.2%
Edmonson	5	0.2%
Gallatin	5	0.2%
Jackson	5	0.2%
Lee	5	0.2%
Lincoln	5	0.2%
Monroe	5	0.2%
Union	5	0.2%
Wolfe	5	0.2%
Caldwell	4	0.2%
Elliott	4	0.2%
Estill	4	0.2%
Hancock	4	0.2%
Mason	4	0.2%
Morgan	4	0.2%

County	Cases	Percent
Powell	4	0.2%
Todd	4	0.2%
Wayne	4	0.2%
Webster	4	0.2%
Fulton	3	0.1%
Owsley	3	0.1%
Ballard	2	0.1%
Bracken	2	0.1%
Carroll	2	0.1%
Crittenden	2	0.1%
Lyon	2	0.1%
McLean	2	0.1%
Nicholas	2	0.1%
Pendleton	2	0.1%
Simpson	2	0.1%
Adair	1	0.0%
Carlisle	1	0.0%
Cumberland	1	0.0%
Green	1	0.0%
Hickman	1	0.0%
Lewis	1	0.0%
McCreary	1	0.0%
Martin	1	0.0%
Owen	1	0.0%
Robertson	1	0.0%
Casey	0	0.0%
Clinton	0	0.0%
Livingston	0	0.0%
Magoffin	0	0.0%
Trimble	0	0.0%

Total New Cases  
2,500

### Total Deaths by County

County	Deaths	Percent
Jefferson	715	18.2%
Fayette	195	5.0%
Daviess	147	3.7%
Hopkins	115	2.9%
Warren	106	2.7%
Kenton	102	2.6%
Hardin	75	1.9%
Christian	71	1.8%
Pulaski	69	1.8%
Oldham	68	1.7%
Graves	65	1.7%
Boone	63	1.6%
McCracken	59	1.5%
Madison	57	1.5%
Harlan	56	1.4%
Henderson	55	1.4%
Pike	50	1.3%
Adair	49	1.2%
Jessamine	48	1.2%
Logan	46	1.2%
Grayson	44	1.1%
Campbell	42	1.1%
Muhlenberg	42	1.1%
Ohio	42	1.1%
Bullitt	40	1.0%
Barren	39	1.0%
Marshall	37	0.9%
Calloway	36	0.9%
Monroe	36	0.9%
Boyd	35	0.9%

County	Deaths	Percent
Russell	35	0.9%
Shelby	34	0.9%
Bell	33	0.8%
Wayne	31	0.8%
Casey	30	0.8%
Lewis	30	0.8%
Lincoln	30	0.8%
Boyle	28	0.7%
Franklin	28	0.7%
Taylor	28	0.7%
Jackson	27	0.7%
Perry	27	0.7%
Mason	26	0.7%
Nelson	25	0.6%
Clay	24	0.6%
Hart	24	0.6%
McLean	24	0.6%
Scott	24	0.6%
Washington	24	0.6%
Clinton	23	0.6%
Greenup	23	0.6%
Montgomery	23	0.6%
Simpson	22	0.6%
Allen	21	0.5%
Caldwell	21	0.5%
Carter	21	0.5%
Marion	21	0.5%
Floyd	20	0.5%
Todd	20	0.5%
Gallatin	19	0.5%

County	Deaths	Percent
Laurel	19	0.5%
Butler	18	0.5%
Johnson	18	0.5%
Lee	18	0.5%
Webster	17	0.4%
Clark	16	0.4%
Livingston	16	0.4%
Whitley	16	0.4%
Crittenden	15	0.4%
Edmonson	15	0.4%
McCreary	15	0.4%
Mercer	15	0.4%
Bath	14	0.4%
Knott	14	0.4%
Metcalfe	14	0.4%
Fleming	13	0.3%
Green	13	0.3%
Hancock	13	0.3%
Letcher	13	0.3%
Rockcastle	13	0.3%
Anderson	12	0.3%
Grant	12	0.3%
Lawrence	12	0.3%
Lyon	12	0.3%
Knox	11	0.3%
Martin	11	0.3%
Union	11	0.3%
Carroll	10	0.3%
Menifee	10	0.3%
Owsley	10	0.3%

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

Total Deaths  
3,921

## Incidence Rates by County

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

County	Rate
Morgan	127.7
Butler	88.7
Daviess	80.5
Washington	78.0
Taylor	75.4
Edmonson	75.2
Caldwell	75.1
McCreary	70.5
Madison	70.1
Knox	68.8
Nelson	68.6
Floyd	65.4
Whitley	64.2
Grant	62.7
Cumberland	62.6
Hart	62.3
Barren	61.7
Larue	61.5
Metcalfe	61.0
Monroe	60.4
McLean	59.0
Franklin	58.3
Pike	57.5
Logan	57.5
Kenton	57.2
Campbell	57.1
Allen	55.6
Henderson	54.3
Boone	54.3
Hopkins	54.0

County	Rate
Anderson	52.1
Boyd	52.0
Bourbon	52.0
Marion	50.4
Warren	49.3
Grayson	49.2
Harrison	49.2
Graves	48.7
Garrard	48.5
Laurel	48.4
Ohio	48.2
Bell	46.6
Henry	46.1
Hancock	45.9
Fayette	45.6
Clay	45.2
Oldham	45.1
Powell	45.1
Fleming	45.1
Livingston	45.1
Shelby	44.6
Simpson	43.8
Fulton	43.1
Martin	42.1
Trigg	41.9
Mason	41.8
Marshall	41.8
Greenup	41.5
Calloway	40.7
Pulaski	40.5

County	Rate
Bullitt	40.4
Jefferson	40.2
Jessamine	39.6
Breathitt	39.6
Woodford	39.5
Lawrence	39.2
Union	38.7
Pendleton	38.2
Wolfe	37.9
Johnson	37.3
Muhlenberg	37.3
Spencer	36.2
Meade	36.0
Christian	35.9
Hardin	35.4
Webster	35.3
Estill	34.4
Carter	34.1
McCracken	34.1
Harlan	34.1
Gallatin	33.8
Russell	33.5
Mercer	33.2
Scott	33.1
Breckinridge	32.8
Hickman	32.6
Rockcastle	32.5
Casey	31.8
Lyon	31.3
Bracken	31.0

County	Rate
Letcher	30.5
Clark	30.3
Wayne	30.2
Jackson	30.0
Boyle	29.9
Rowan	29.8
Lincoln	29.1
Perry	28.8
Green	28.7
Robertson	27.1
Trimble	27.0
Owen	26.2
Lewis	25.8
Lee	25.1
Adair	24.6
Crittenden	24.3
Nicholas	23.6
Leslie	23.1
Carroll	22.8
Clinton	22.4
Menifee	22.0
Todd	20.9
Bath	20.6
Montgomery	19.3
Knott	14.5
Owsley	12.9
Carlisle	12.0
Magoffin	10.6
Ballard	7.2
Elliott	1.9

**Current Overall Incidence Rate**  
45.97 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.