

# KY COVID-19 Report 03MAR22

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,284,658	884,807	399,851
Deaths	13,973	12,196	1,777
New Cases	2,281	1,266	1,015
New Cases 18 and Under	557	252	305
Total New Deaths	38	34	4

Duplicates and records not meeting case criteria removed since last report: 39

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
108,003	8.4%	0-9	0.0%	2
179,589	14.0%	10-19	0.1%	10
218,634	17.0%	20-29	0.5%	63
203,655	15.9%	30-39	1.4%	193
184,003	14.3%	40-49	3.9%	550
165,959	12.9%	50-59	10.0%	1,392
120,615	9.4%	60-69	20.5%	2,862
67,497	5.3%	70-79	27.1%	3,788
36,447	2.8%	80+	36.6%	5,113
256	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,489	0.4%	American Indian	0.1%	18
10,280	1.0%	Asian	0.5%	61
84,052	7.9%	Black	6.9%	921
421	0.0%	Pacific Islander	0.1%	9
918,807	85.9%	White	89.7%	12,001
51,865	4.8%	Multiracial	2.8%	370

Cases	Case Percent	Ethnicity	Death Percent	Deaths
44,622	4.5%	Hispanic	1.5%	201
951,688	95.5%	Non-Hispanic	98.5%	12,840

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 83.3% of cases and 95.8% of deaths  
Ethnicity known for 77.6% of cases and 93.3% of deaths

## Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
5,032	72,526	6.94%

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
13,647,412	9,590,748	415,068	3,324,632	1,545,447	1,045,653	57,543	442,251

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	40,327	3.14%
Ever ICU	7,373	0.57%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	857
ICU	168
On Ventilator	87

## Current Overall Capacity\*

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,537	5,505	57.8%
ICU Beds	1,142	250	82.0%
Ventilators	488	1,406	25.8%

\* Due to recent changes in HHS/CMS hospital reporting requirements, some totals reported are artificially low beginning on January 19. We are currently working to reprogram our system to provide correct numbers. Percentages reported should still be representative of overall rates.

## 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	26	8	3	3.4%	9.4%	3.1%	48.77%	81.18%	12.37%
Region 2	56	9	2	7.2%	11.8%	2.3%	56.94%	85.53%	18.60%
Region 3	289	42	20	7.8%	11.1%	4.6%	60.87%	75.46%	27.11%
Region 4	33	9	8	4.0%	11.3%	6.5%	54.61%	96.25%	26.83%
Region 5	164	39	21	5.8%	11.0%	3.7%	58.56%	85.31%	31.79%
Region 6	43	5	2	3.6%	7.2%	1.6%	60.56%	100.00%	25.00%
Region 7	34	9	5	5.3%	11.4%	4.2%	61.84%	53.16%	13.45%
Region 8	121	33	20	10.2%	26.2%	11.8%	59.22%	96.03%	29.59%
Region 9	72	10	4	11.2%	11.1%	3.9%	48.60%	70.00%	19.61%
Region 10	19	4	2	3.9%	7.4%	2.8%	47.41%	88.89%	16.67%

\* Due to recent changes in HHS/CMS hospital reporting requirements, some totals reported are artificially low beginning on January 19. We are currently working to reprogram our system to provide correct numbers. Percentages reported should still be representative of overall rates.

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	220,671	17.2%
Fayette	93,215	7.3%
Warren	42,585	3.3%
Kenton	40,906	3.2%
Boone	36,245	2.8%
Hardin	32,227	2.5%
Daviess	30,811	2.4%
Madison	27,426	2.1%
Campbell	22,345	1.7%
Bullitt	20,913	1.6%
Laurel	18,343	1.4%
Pike	18,267	1.4%
Oldham	18,031	1.4%
McCracken	17,797	1.4%
Boyd	16,022	1.2%
Christian	15,987	1.2%
Pulaski	15,903	1.2%
Scott	15,794	1.2%
Jessamine	14,965	1.2%
Hopkins	14,671	1.1%
Nelson	14,286	1.1%
Whitley	13,868	1.1%
Henderson	13,678	1.1%
Franklin	13,174	1.0%
Shelby	13,104	1.0%
Barren	12,720	1.0%
Floyd	12,269	1.0%
Greenup	11,858	0.9%
Knox	11,357	0.9%
Graves	11,320	0.9%

County	Cases	Percent
Perry	10,515	0.8%
Muhlenberg	10,066	0.8%
Clark	9,899	0.8%
Harlan	9,069	0.7%
Taylor	8,801	0.7%
Bell	8,771	0.7%
Carter	8,442	0.7%
Marshall	8,342	0.6%
Boyle	8,316	0.6%
Logan	8,276	0.6%
Grayson	8,027	0.6%
Calloway	7,906	0.6%
Clay	7,734	0.6%
Mercer	7,266	0.6%
Ohio	7,252	0.6%
Grant	6,749	0.5%
Letcher	6,746	0.5%
Woodford	6,716	0.5%
Montgomery	6,656	0.5%
Allen	6,525	0.5%
Rowan	6,408	0.5%
Marion	6,339	0.5%
Lincoln	6,206	0.5%
Anderson	6,191	0.5%
Russell	6,169	0.5%
Harrison	6,099	0.5%
Johnson	5,905	0.5%
Bourbon	5,900	0.5%
Meade	5,743	0.4%
Simpson	5,592	0.4%

County	Cases	Percent
Adair	5,522	0.4%
Hart	5,332	0.4%
Spencer	5,256	0.4%
Wayne	5,136	0.4%
McCreary	5,109	0.4%
Rockcastle	4,994	0.4%
Breckinridge	4,981	0.4%
Henry	4,733	0.4%
Garrard	4,727	0.4%
Powell	4,687	0.4%
Morgan	4,630	0.4%
Mason	4,551	0.4%
Lawrence	4,473	0.3%
Lewis	4,438	0.3%
Union	4,297	0.3%
Jackson	4,200	0.3%
Estill	4,054	0.3%
Knott	4,041	0.3%
Caldwell	4,007	0.3%
Casey	3,934	0.3%
Webster	3,877	0.3%
Washington	3,847	0.3%
Butler	3,835	0.3%
Magoffin	3,799	0.3%
Larue	3,705	0.3%
Fleming	3,640	0.3%
Trigg	3,624	0.3%
Leslie	3,622	0.3%
Monroe	3,601	0.3%
Breathitt	3,544	0.3%

County	Cases	Percent
Green	3,509	0.3%
Carroll	3,435	0.3%
Pendleton	3,412	0.3%
Clinton	3,366	0.3%
Martin	3,222	0.3%
Todd	2,901	0.2%
Bath	2,885	0.2%
Lee	2,885	0.2%
Metcalfe	2,824	0.2%
Lyon	2,813	0.2%
McLean	2,599	0.2%
Edmonson	2,526	0.2%
Hancock	2,444	0.2%
Wolfe	2,385	0.2%
Owen	2,351	0.2%
Livingston	2,320	0.2%
Elliott	2,240	0.2%
Gallatin	2,161	0.2%
Cumberland	2,145	0.2%
Trimble	2,135	0.2%
Crittenden	2,127	0.2%
Bracken	2,095	0.2%
Nicholas	1,874	0.1%
Owsley	1,548	0.1%
Menifee	1,501	0.1%
Ballard	1,256	0.1%
Fulton	1,151	0.1%
Carlisle	967	0.1%
Hickman	817	0.1%
Robertson	622	0.0%

Total Cases  
1,284,658

## New Cases by County

County	Cases	Percent
Jefferson	274	12.0%
Pike	177	7.8%
Fayette	124	5.4%
Boone	101	4.4%
Christian	78	3.4%
Kenton	76	3.3%
Barren	58	2.5%
Hopkins	51	2.2%
Scott	51	2.2%
Pulaski	50	2.2%
Laurel	40	1.8%
Crittenden	38	1.7%
McCracken	35	1.5%
Franklin	34	1.5%
Wayne	34	1.5%
Perry	32	1.4%
Hardin	30	1.3%
McCreary	30	1.3%
Trigg	30	1.3%
Taylor	28	1.2%
Warren	27	1.2%
Campbell	26	1.1%
Boyd	25	1.1%
Whitley	24	1.1%
Anderson	23	1.0%
Knox	22	1.0%
Montgomery	22	1.0%
Rowan	22	1.0%
Madison	21	0.9%
Lee	20	0.9%

County	Cases	Percent
Magoffin	20	0.9%
Floyd	18	0.8%
Knott	18	0.8%
Oldham	18	0.8%
Bullitt	17	0.7%
Caldwell	17	0.7%
Clay	17	0.7%
Henderson	17	0.7%
Leslie	16	0.7%
Grant	15	0.7%
Greenup	15	0.7%
Muhlenberg	15	0.7%
Adair	14	0.6%
Breathitt	14	0.6%
Carter	14	0.6%
Clark	14	0.6%
Livingston	14	0.6%
Bath	13	0.6%
Letcher	12	0.5%
Todd	12	0.5%
Woodford	12	0.5%
Estill	11	0.5%
Jessamine	11	0.5%
Lincoln	11	0.5%
Mason	11	0.5%
Morgan	11	0.5%
Daviess	10	0.4%
Green	10	0.4%
Johnson	10	0.4%
Menifee	10	0.4%

County	Cases	Percent
Wolfe	10	0.4%
Boyle	9	0.4%
Marshall	9	0.4%
Metcalfe	9	0.4%
Union	9	0.4%
Bourbon	8	0.4%
Butler	8	0.4%
Grayson	8	0.4%
Nelson	8	0.4%
Russell	8	0.4%
Lyon	7	0.3%
Clinton	6	0.3%
Elliott	6	0.3%
Fleming	6	0.3%
Harrison	6	0.3%
Lawrence	6	0.3%
Logan	6	0.3%
Mercer	6	0.3%
Allen	5	0.2%
Cumberland	5	0.2%
Edmonson	5	0.2%
Garrard	5	0.2%
Harlan	5	0.2%
Jackson	5	0.2%
Marion	5	0.2%
Martin	5	0.2%
Powell	5	0.2%
Ballard	4	0.2%
Bell	4	0.2%
Graves	4	0.2%

County	Cases	Percent
Lewis	4	0.2%
Rockcastle	4	0.2%
Spencer	4	0.2%
Washington	4	0.2%
Webster	4	0.2%
Breckinridge	3	0.1%
Carroll	3	0.1%
Casey	3	0.1%
Hancock	3	0.1%
McLean	3	0.1%
Monroe	3	0.1%
Owen	3	0.1%
Owsley	3	0.1%
Bracken	2	0.1%
Gallatin	2	0.1%
Hart	2	0.1%
Henry	2	0.1%
Larue	2	0.1%
Meade	2	0.1%
Nicholas	2	0.1%
Ohio	2	0.1%
Pendleton	2	0.1%
Robertson	2	0.1%
Trimble	2	0.1%
Calloway	1	0.0%
Carlisle	1	0.0%
Shelby	1	0.0%
Fulton	0	0.0%
Hickman	0	0.0%
Simpson	0	0.0%

Total New Cases  
2,281

Total Deaths by County

County	Deaths	Percent
Jefferson	2,084	14.9%
Fayette	554	4.0%
Hardin	403	2.9%
Kenton	370	2.6%
Daviess	358	2.6%
Warren	336	2.4%
Boone	268	1.9%
Pike	257	1.8%
Pulaski	253	1.8%
Madison	250	1.8%
Hopkins	244	1.7%
McCracken	229	1.6%
Barren	204	1.5%
Laurel	202	1.4%
Christian	196	1.4%
Bullitt	194	1.4%
Harlan	183	1.3%
Whitley	167	1.2%
Boyd	165	1.2%
Graves	160	1.1%
Floyd	159	1.1%
Campbell	153	1.1%
Perry	148	1.1%
Henderson	147	1.1%
Shelby	145	1.0%
Nelson	139	1.0%
Franklin	135	1.0%
Bell	131	0.9%
Jessamine	129	0.9%
Greenup	126	0.9%

County	Deaths	Percent
Oldham	126	0.9%
Knox	125	0.9%
Boyle	122	0.9%
Grayson	122	0.9%
Lincoln	121	0.9%
Muhlenberg	117	0.8%
Taylor	113	0.8%
Logan	112	0.8%
Adair	99	0.7%
Mercer	99	0.7%
Carter	97	0.7%
Marshall	97	0.7%
Mason	97	0.7%
Johnson	96	0.7%
Ohio	95	0.7%
Allen	94	0.7%
Letcher	93	0.7%
Scott	93	0.7%
Hart	92	0.7%
Montgomery	87	0.6%
Wayne	87	0.6%
Calloway	85	0.6%
Simpson	84	0.6%
Clay	82	0.6%
Russell	80	0.6%
Lewis	79	0.6%
Marion	75	0.5%
McCreary	74	0.5%
Monroe	74	0.5%
Breckinridge	72	0.5%

County	Deaths	Percent
Garrard	71	0.5%
Jackson	71	0.5%
Larue	67	0.5%
Casey	66	0.5%
Anderson	65	0.5%
Meade	64	0.5%
Harrison	62	0.4%
Lawrence	59	0.4%
Caldwell	58	0.4%
Livingston	58	0.4%
Metcalfe	58	0.4%
Knott	57	0.4%
Washington	56	0.4%
Rockcastle	55	0.4%
Rowan	55	0.4%
Union	55	0.4%
Clark	53	0.4%
Grant	52	0.4%
Bourbon	51	0.4%
Breathitt	50	0.4%
Spencer	50	0.4%
Butler	49	0.4%
Fleming	48	0.3%
Webster	47	0.3%
Henry	46	0.3%
Lee	46	0.3%
McLean	46	0.3%
Crittenden	45	0.3%
Gallatin	45	0.3%
Martin	45	0.3%

County	Deaths	Percent
Woodford	45	0.3%
Clinton	43	0.3%
Carroll	42	0.3%
Estill	42	0.3%
Todd	42	0.3%
Magoffin	41	0.3%
Trigg	41	0.3%
Leslie	39	0.3%
Bath	38	0.3%
Edmonson	38	0.3%
Green	38	0.3%
Powell	38	0.3%
Trimble	38	0.3%
Pendleton	34	0.2%
Lyon	33	0.2%
Owen	32	0.2%
Menifee	30	0.2%
Nicholas	30	0.2%
Cumberland	28	0.2%
Ballard	27	0.2%
Bracken	24	0.2%
Fulton	24	0.2%
Hickman	23	0.2%
Owsley	23	0.2%
Hancock	21	0.2%
Robertson	21	0.2%
Carlisle	19	0.1%
Wolfe	18	0.1%
Morgan	17	0.1%
Elliott	16	0.1%

Total Deaths  
13,973

## Incidence Rates by County

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

County	Rate
Perry	119.2
Menifee	107.9
Wolfe	107.8
Leslie	88.2
Crittenden	84.4
Breathitt	70.1
Bath	61.7
Magoffin	58.7
Lawrence	55.0
McCreary	53.1
Montgomery	51.8
Knott	48.2
Martin	45.9
Harlan	45.0
Rowan	44.4
Owsley	42.1
Floyd	41.3
Adair	40.9
Morgan	39.7
Wayne	39.3
Carter	38.9
Whitley	38.6
Clay	38.0
Elliott	38.0
Lee	36.7
Taylor	36.6
Lewis	36.6
Anderson	36.4
Jackson	35.4
Russell	35.1

County	Rate
Knox	33.9
Bourbon	33.9
Greenup	33.8
Letcher	33.1
Green	32.6
Clinton	32.2
Pike	30.4
Rockcastle	29.1
Hopkins	28.5
Boyd	26.9
Cumberland	25.9
Union	25.8
Woodford	25.6
Powell	25.4
Estill	25.3
Casey	24.8
Metcalfe	24.1
Pulaski	23.5
Fleming	23.5
Butler	23.3
Madison	22.9
Bell	22.0
Barren	21.3
Caldwell	21.3
Muhlenberg	21.0
Larue	20.8
Grant	20.5
Laurel	20.2
Clark	20.1
Fayette	19.8

County	Rate
Johnson	19.3
Lincoln	18.0
Grayson	17.8
Monroe	17.4
Jefferson	17.4
Scott	17.3
Owen	17.0
Garrard	17.0
Spencer	17.0
Mercer	16.9
Oldham	16.3
Harrison	15.9
Hardin	15.8
Franklin	15.7
Jessamine	15.6
Livingston	15.5
Bracken	15.5
Shelby	15.4
Boone	15.2
Nelson	14.8
Marion	14.8
Daviess	14.4
Webster	14.3
Mason	14.2
Washington	14.2
McLean	14.0
Henderson	13.6
Simpson	13.1
Carroll	12.1
Fulton	12.0

County	Rate
Christian	12.0
Logan	11.6
Hancock	11.5
Boyle	10.5
Trimble	10.1
Bullitt	9.8
Hickman	9.8
Hart	9.8
Henry	9.7
Marshall	9.6
Campbell	9.6
Allen	9.4
Kenton	9.1
Ballard	9.1
Carlisle	9.0
McCracken	9.0
Lyon	8.7
Breckinridge	8.4
Gallatin	8.1
Nicholas	7.9
Trigg	7.8
Ohio	7.7
Warren	7.0
Robertson	6.8
Graves	5.8
Calloway	5.5
Todd	4.6
Meade	4.5
Edmonson	3.5
Pendleton	2.9

Current Overall Incidence Rate  
20.49 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.