

KY COVID-19 Report 02MAR22

Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,282,416	883,529	398,887
Deaths	13,935	12,162	1,773
New Cases	2,334	1,192	1,142
New Cases 18 and Under	585	244	341
Total New Deaths	35	29	6

Duplicates and records not meeting case criteria removed since last report: 27

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
107,758	8.4%	0-9	0.0%	2
179,253	14.0%	10-19	0.1%	10
218,308	17.0%	20-29	0.5%	63
203,373	15.9%	30-39	1.4%	192
183,690	14.3%	40-49	3.9%	548
165,662	12.9%	50-59	10.0%	1,390
120,414	9.4%	60-69	20.5%	2,854
67,350	5.3%	70-79	27.1%	3,777
36,352	2.8%	80+	36.6%	5,099
256	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,480	0.4%	American Indian	0.1%	18
10,264	1.0%	Asian	0.5%	61
83,933	7.9%	Black	6.9%	919
421	0.0%	Pacific Islander	0.1%	9
917,231	85.9%	White	89.7%	11,966
51,804	4.8%	Multiracial	2.8%	370

Cases	Case Percent	Ethnicity	Death Percent	Deaths
44,596	4.5%	Hispanic	1.5%	201
949,973	95.5%	Non-Hispanic	98.5%	12,803

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
5,542	71,681	7.73%

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
13,615,790	9,574,373	414,921	3,309,755	1,542,844	1,044,337	57,485	441,022

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	40,219	3.14%
Ever ICU	7,361	0.57%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	865
ICU	170
On Ventilator	87

Current Overall Capacity*

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,375	5,644	56.6%
ICU Beds	1,108	267	80.6%
Ventilators	477	1,422	25.1%

* 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	22	7	3	2.9%	8.6%	3.3%	50.58%	79.01%	12.09%
Region 2	60	9	3	7.8%	12.7%	3.6%	56.27%	73.24%	15.66%
Region 3	287	42	20	7.7%	11.0%	4.5%	60.67%	76.50%	28.70%
Region 4	35	9	7	4.2%	11.3%	5.7%	54.85%	95.00%	25.20%
Region 5	164	39	21	5.9%	11.3%	3.7%	57.45%	85.26%	30.00%
Region 6	42	3	2	3.6%	4.4%	1.6%	59.00%	92.65%	20.97%
Region 7	40	10	3	6.2%	12.7%	2.5%	57.79%	51.90%	13.45%
Region 8	120	33	18	10.1%	26.4%	10.7%	53.46%	90.40%	28.99%
Region 9	74	13	7	11.6%	14.8%	6.9%	47.66%	71.59%	18.63%
Region 10	21	5	3	4.3%	9.3%	4.2%	46.79%	88.89%	18.06%

* 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, Pery, Pike, Wolfe

Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

Total Cases by County

County	Cases	Percent
Jefferson	220,398	17.2%
Fayette	93,098	7.3%
Warren	42,569	3.3%
Kenton	40,830	3.2%
Boone	36,144	2.8%
Hardin	32,198	2.5%
Daviess	30,801	2.4%
Madison	27,409	2.1%
Campbell	22,320	1.7%
Bullitt	20,902	1.6%
Laurel	18,309	1.4%
Pike	18,088	1.4%
Oldham	18,011	1.4%
McCracken	17,762	1.4%
Boyd	15,997	1.2%
Christian	15,913	1.2%
Pulaski	15,851	1.2%
Scott	15,743	1.2%
Jessamine	14,954	1.2%
Hopkins	14,621	1.1%
Nelson	14,281	1.1%
Whitley	13,838	1.1%
Henderson	13,664	1.1%
Franklin	13,139	1.0%
Shelby	13,103	1.0%
Barren	12,663	1.0%
Floyd	12,250	1.0%
Greenup	11,843	0.9%
Knox	11,337	0.9%
Graves	11,316	0.9%

County	Cases	Percent
Perry	10,484	0.8%
Muhlenberg	10,051	0.8%
Clark	9,885	0.8%
Harlan	9,064	0.7%
Taylor	8,774	0.7%
Bell	8,767	0.7%
Carter	8,429	0.7%
Marshall	8,333	0.6%
Boyle	8,307	0.6%
Logan	8,270	0.6%
Grayson	8,019	0.6%
Calloway	7,905	0.6%
Clay	7,717	0.6%
Mercer	7,260	0.6%
Ohio	7,250	0.6%
Letcher	6,735	0.5%
Grant	6,734	0.5%
Woodford	6,703	0.5%
Montgomery	6,635	0.5%
Allen	6,518	0.5%
Rowan	6,386	0.5%
Marion	6,334	0.5%
Lincoln	6,195	0.5%
Anderson	6,168	0.5%
Russell	6,160	0.5%
Harrison	6,093	0.5%
Johnson	5,895	0.5%
Bourbon	5,892	0.5%
Meade	5,740	0.4%
Simpson	5,594	0.4%

County	Cases	Percent
Adair	5,506	0.4%
Hart	5,327	0.4%
Spencer	5,250	0.4%
Wayne	5,105	0.4%
McCreary	5,078	0.4%
Rockcastle	4,990	0.4%
Breckinridge	4,980	0.4%
Henry	4,731	0.4%
Garrard	4,720	0.4%
Powell	4,682	0.4%
Morgan	4,619	0.4%
Mason	4,540	0.4%
Lawrence	4,469	0.3%
Lewis	4,434	0.3%
Union	4,288	0.3%
Jackson	4,195	0.3%
Estill	4,043	0.3%
Knott	4,025	0.3%
Caldwell	3,990	0.3%
Casey	3,931	0.3%
Webster	3,875	0.3%
Washington	3,843	0.3%
Butler	3,825	0.3%
Magoffin	3,779	0.3%
Larue	3,705	0.3%
Fleming	3,634	0.3%
Leslie	3,605	0.3%
Monroe	3,598	0.3%
Trigg	3,592	0.3%
Breathitt	3,531	0.3%

County	Cases	Percent
Green	3,499	0.3%
Carroll	3,432	0.3%
Pendleton	3,410	0.3%
Clinton	3,361	0.3%
Martin	3,215	0.3%
Todd	2,889	0.2%
Bath	2,872	0.2%
Lee	2,865	0.2%
Metcalfe	2,816	0.2%
Lyon	2,807	0.2%
McLean	2,596	0.2%
Edmonson	2,521	0.2%
Hancock	2,442	0.2%
Wolfe	2,375	0.2%
Owen	2,348	0.2%
Livingston	2,305	0.2%
Elliott	2,233	0.2%
Gallatin	2,159	0.2%
Cumberland	2,139	0.2%
Trimble	2,133	0.2%
Bracken	2,093	0.2%
Crittenden	2,090	0.2%
Nicholas	1,872	0.1%
Owsley	1,545	0.1%
Menifee	1,491	0.1%
Ballard	1,253	0.1%
Fulton	1,151	0.1%
Carlisle	966	0.1%
Hickman	817	0.1%
Robertson	620	0.0%

Total Cases
1,282,416

New Cases by County

County	Cases	Percent
Jefferson	218	9.3%
Pike	160	6.9%
Fayette	124	5.3%
Kenton	110	4.7%
Christian	106	4.5%
Pulaski	84	3.6%
Boone	76	3.3%
Clark	66	2.8%
Taylor	52	2.2%
Campbell	48	2.1%
Scott	39	1.7%
Laurel	38	1.6%
Trigg	37	1.6%
Montgomery	35	1.5%
Perry	34	1.5%
Russell	31	1.3%
Greenup	29	1.2%
Grant	28	1.2%
McCreary	28	1.2%
Oldham	28	1.2%
Boyd	26	1.1%
Franklin	26	1.1%
Johnson	26	1.1%
Wayne	26	1.1%
Adair	25	1.1%
Madison	25	1.1%
Warren	25	1.1%
Carter	24	1.0%
Daviess	24	1.0%
McCracken	22	0.9%

County	Cases	Percent
Leslie	21	0.9%
Shelby	21	0.9%
Hardin	20	0.9%
Floyd	19	0.8%
Lawrence	19	0.8%
Whitley	19	0.8%
Harlan	17	0.7%
Jessamine	17	0.7%
Knox	17	0.7%
Letcher	17	0.7%
Morgan	17	0.7%
Barren	16	0.7%
Lewis	16	0.7%
Bath	14	0.6%
Crittenden	14	0.6%
Green	14	0.6%
Hopkins	14	0.6%
Marshall	14	0.6%
Nelson	14	0.6%
Wolfe	14	0.6%
Anderson	13	0.6%
Breathitt	13	0.6%
Henderson	13	0.6%
Knott	11	0.5%
Lincoln	11	0.5%
Rowan	11	0.5%
Boyle	10	0.4%
Casey	10	0.4%
Clinton	10	0.4%
Cumberland	10	0.4%

County	Cases	Percent
Harrison	10	0.4%
Mason	10	0.4%
Monroe	10	0.4%
Union	10	0.4%
Washington	10	0.4%
Bourbon	9	0.4%
Bullitt	9	0.4%
Rockcastle	9	0.4%
Clay	8	0.3%
Grayson	8	0.3%
Marion	8	0.3%
Martin	8	0.3%
Jackson	7	0.3%
Mercer	7	0.3%
Muhlenberg	7	0.3%
Woodford	7	0.3%
Butler	6	0.3%
Caldwell	6	0.3%
Livingston	6	0.3%
Magoffin	6	0.3%
Bell	5	0.2%
Elliott	5	0.2%
Lee	5	0.2%
Menifee	5	0.2%
Powell	5	0.2%
Simpson	5	0.2%
Spencer	5	0.2%
Bracken	4	0.2%
Fleming	4	0.2%
Garrard	4	0.2%

County	Cases	Percent
Hancock	4	0.2%
Henry	4	0.2%
Metcalf	4	0.2%
Webster	4	0.2%
Allen	3	0.1%
Ballard	3	0.1%
Breckinridge	3	0.1%
Estill	3	0.1%
Larue	3	0.1%
Logan	3	0.1%
Lyon	3	0.1%
Todd	3	0.1%
Calloway	2	0.1%
Carlisle	2	0.1%
Fulton	2	0.1%
Gallatin	2	0.1%
Hart	2	0.1%
Nicholas	2	0.1%
Ohio	2	0.1%
Edmonson	1	0.0%
Graves	1	0.0%
McLean	1	0.0%
Meade	1	0.0%
Owen	1	0.0%
Owsley	1	0.0%
Carroll	0	0.0%
Hickman	0	0.0%
Pendleton	0	0.0%
Robertson	0	0.0%
Trimble	0	0.0%

Total New Cases
2,334

Total Deaths by County

County	Deaths	Percent
Jefferson	2,075	14.9%
Fayette	550	3.9%
Hardin	402	2.9%
Kenton	368	2.6%
Daviess	358	2.6%
Warren	336	2.4%
Boone	264	1.9%
Pike	257	1.8%
Pulaski	253	1.8%
Madison	249	1.8%
Hopkins	244	1.8%
McCracken	229	1.6%
Barren	204	1.5%
Laurel	202	1.4%
Christian	196	1.4%
Bullitt	193	1.4%
Harlan	182	1.3%
Boyd	165	1.2%
Whitley	161	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	138	1.0%
Franklin	135	1.0%
Bell	130	0.9%
Jessamine	129	0.9%
Greenup	126	0.9%

County	Deaths	Percent
Oldham	126	0.9%
Knox	124	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%
Lewis	79	0.6%
Russell	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%
Meade	64	0.5%
Anderson	63	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%
Gallatin	45	0.3%
Martin	45	0.3%
Woodford	45	0.3%

County	Deaths	Percent
Crittenden	44	0.3%
Carroll	42	0.3%
Clinton	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%
Trimble	38	0.3%
Powell	37	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
13,935

Incidence Rates by County

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

County	Rate
Perry	133.7
Menifee	121.1
Wolfe	107.8
Leslie	88.2
Lawrence	71.8
Breathitt	62.2
Martin	61.3
Knott	57.9
Wayne	56.2
Bath	56.0
Montgomery	52.8
Lee	52.1
Harlan	51.6
Morgan	48.3
Floyd	48.2
Magoffin	48.2
Adair	47.6
Elliott	47.5
McCreary	45.6
Russell	45.4
Owsley	45.3
Taylor	44.4
Carter	44.2
Jackson	42.9
Rowan	42.6
Crittenden	42.2
Rockcastle	41.1
Clay	40.9
Lewis	39.8
Whitley	39.8

County	Rate
Letcher	39.8
Greenup	39.5
Clinton	36.4
Anderson	35.8
Bourbon	35.4
Pike	35.3
Knox	33.9
Boyd	33.0
Caldwell	32.5
Estill	31.4
Green	31.3
Pulaski	31.2
Casey	30.1
Powell	30.1
Hopkins	28.1
Bell	26.9
Woodford	26.7
Laurel	25.8
Metcalfe	25.5
Fleming	25.5
Madison	25.3
Johnson	24.5
Larue	23.8
Jefferson	23.1
Monroe	22.8
Union	21.9
Oldham	21.6
Barren	21.3
Fayette	21.2
Mercer	20.8

County	Rate
Clark	20.5
Lincoln	20.4
Robertson	20.3
Scott	20.0
Cumberland	19.4
Garrard	19.4
Daviess	18.9
Butler	18.9
Webster	18.8
Shelby	18.6
Jessamine	18.5
Grayson	18.4
Hardin	18.2
Spencer	17.7
Grant	17.7
Carroll	17.5
Muhlenberg	17.3
Marion	17.0
Owen	17.0
Nelson	16.1
Franklin	16.0
Harrison	15.9
Simpson	15.4
Hancock	14.7
Logan	14.2
Washington	14.2
Livingston	14.0
McLean	14.0
Boyle	13.8
Allen	13.4

County	Rate
Marshall	13.3
Henderson	13.3
Bullitt	12.4
Christian	12.4
Bracken	12.0
Hart	12.0
Fulton	12.0
Breckinridge	11.9
Nicholas	11.8
Mason	11.7
McCracken	11.1
Campbell	10.4
Trimble	10.1
Kenton	9.8
Hickman	9.8
Trigg	9.8
Gallatin	9.7
Boone	9.6
Ballard	9.1
Carlisle	9.0
Ohio	8.9
Henry	8.9
Lyon	8.7
Warren	7.8
Calloway	7.3
Todd	7.0
Graves	6.5
Meade	5.5
Pendleton	4.9
Edmonson	2.4

Current Overall Incidence Rate
23.26 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.