

KY COVID-19 Report

04MAR22

Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,286,697	885,789	400,908
Deaths	14,018	12,230	1,788
New Cases	2,076	984	1,092
New Cases 18 and Under	474	205	269
Total New Deaths	45	34	11

Duplicates and records not meeting case criteria removed since last report: 37

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
108,196	8.4%	0-9	0.0%	2
179,895	14.0%	10-19	0.1%	10
218,883	17.0%	20-29	0.5%	64
203,960	15.9%	30-39	1.4%	193
184,293	14.3%	40-49	3.9%	551
166,248	12.9%	50-59	10.0%	1,399
120,837	9.4%	60-69	20.5%	2,869
67,620	5.3%	70-79	27.1%	3,801
36,509	2.8%	80+	36.6%	5,129
256	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,494	0.4%	American Indian	0.1%	18
10,300	1.0%	Asian	0.5%	61
84,198	7.9%	Black	6.9%	923
421	0.0%	Pacific Islander	0.1%	9
920,600	85.9%	White	89.7%	12,040
51,961	4.8%	Multiracial	2.8%	371

Cases	Case Percent	Ethnicity	Death Percent	Deaths
44,673	4.5%	Hispanic	1.6%	203
953,382	95.5%	Non-Hispanic	98.4%	12,882

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.3% of cases and 95.7% of deaths
Ethnicity known for 77.6% of cases and 93.3% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
4,740	73,027	6.49%

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
13,675,281	9,604,863	415,226	3,338,166	1,547,662	1,046,712	57,617	443,333

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	40,413	3.14%
Ever ICU	7,383	0.57%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	782
ICU	155
On Ventilator	75

Current Overall Capacity *

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,466	5,591	57.2%
ICU Beds	1,143	266	81.1%
Ventilators	493	1,413	25.9%

* 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	27	8	4	3.5%	10.1%	4.2%	46.55%	77.22%	14.58%
Region 2	50	7	1	6.4%	8.4%	1.2%	59.24%	79.52%	16.28%
Region 3	263	37	19	7.1%	9.6%	4.2%	61.86%	76.17%	28.44%
Region 4	24	7	7	2.9%	8.6%	5.7%	55.93%	95.06%	25.20%
Region 5	152	34	17	5.4%	9.5%	3.0%	57.79%	85.47%	33.27%
Region 6	36	6	2	3.0%	7.9%	1.6%	58.10%	93.42%	18.55%
Region 7	34	10	3	5.3%	12.3%	2.5%	61.18%	51.85%	12.61%
Region 8	117	34	16	9.9%	28.3%	9.5%	53.60%	97.50%	29.59%
Region 9	63	9	4	9.8%	9.9%	3.9%	49.46%	70.33%	17.65%
Region 10	16	3	2	3.3%	5.6%	2.8%	44.72%	83.33%	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	220,855	17.2%
Fayette	93,315	7.3%
Warren	42,590	3.3%
Kenton	40,963	3.2%
Boone	36,286	2.8%
Hardin	32,241	2.5%
Daviess	30,831	2.4%
Madison	27,461	2.1%
Campbell	22,384	1.7%
Bullitt	20,927	1.6%
Pike	18,403	1.4%
Laurel	18,393	1.4%
Oldham	18,035	1.4%
McCracken	17,817	1.4%
Boyd	16,052	1.2%
Christian	16,048	1.2%
Pulaski	15,991	1.2%
Scott	15,825	1.2%
Jessamine	14,976	1.2%
Hopkins	14,692	1.1%
Nelson	14,286	1.1%
Whitley	13,908	1.1%
Henderson	13,688	1.1%
Franklin	13,192	1.0%
Shelby	13,118	1.0%
Barren	12,759	1.0%
Floyd	12,296	1.0%
Greenup	11,883	0.9%
Knox	11,378	0.9%
Graves	11,322	0.9%

County	Cases	Percent
Perry	10,553	0.8%
Muhlenberg	10,071	0.8%
Clark	9,932	0.8%
Harlan	9,085	0.7%
Taylor	8,844	0.7%
Bell	8,774	0.7%
Carter	8,457	0.7%
Marshall	8,347	0.6%
Boyle	8,324	0.6%
Logan	8,285	0.6%
Grayson	8,034	0.6%
Calloway	7,908	0.6%
Clay	7,746	0.6%
Mercer	7,271	0.6%
Ohio	7,254	0.6%
Letcher	6,761	0.5%
Grant	6,756	0.5%
Woodford	6,721	0.5%
Montgomery	6,690	0.5%
Allen	6,530	0.5%
Rowan	6,417	0.5%
Marion	6,342	0.5%
Anderson	6,225	0.5%
Lincoln	6,209	0.5%
Russell	6,180	0.5%
Harrison	6,111	0.5%
Bourbon	5,914	0.5%
Johnson	5,913	0.5%
Meade	5,743	0.4%
Simpson	5,592	0.4%

County	Cases	Percent
Adair	5,549	0.4%
Hart	5,341	0.4%
Spencer	5,261	0.4%
Wayne	5,175	0.4%
McCreary	5,145	0.4%
Rockcastle	4,998	0.4%
Breckinridge	4,986	0.4%
Henry	4,735	0.4%
Garrard	4,733	0.4%
Powell	4,693	0.4%
Morgan	4,659	0.4%
Mason	4,558	0.4%
Lawrence	4,475	0.3%
Lewis	4,445	0.3%
Union	4,298	0.3%
Jackson	4,203	0.3%
Estill	4,063	0.3%
Knott	4,045	0.3%
Caldwell	4,013	0.3%
Casey	3,955	0.3%
Webster	3,877	0.3%
Washington	3,851	0.3%
Butler	3,837	0.3%
Magoffin	3,813	0.3%
Larue	3,709	0.3%
Trigg	3,658	0.3%
Fleming	3,648	0.3%
Leslie	3,638	0.3%
Monroe	3,603	0.3%
Breathitt	3,560	0.3%

County	Cases	Percent
Green	3,526	0.3%
Carroll	3,437	0.3%
Pendleton	3,415	0.3%
Clinton	3,393	0.3%
Martin	3,229	0.3%
Bath	2,916	0.2%
Todd	2,904	0.2%
Lee	2,891	0.2%
Metcalfe	2,829	0.2%
Lyon	2,819	0.2%
McLean	2,598	0.2%
Edmonson	2,528	0.2%
Hancock	2,446	0.2%
Wolfe	2,398	0.2%
Owen	2,350	0.2%
Livingston	2,328	0.2%
Elliott	2,249	0.2%
Gallatin	2,162	0.2%
Cumberland	2,153	0.2%
Crittenden	2,145	0.2%
Trimble	2,137	0.2%
Bracken	2,099	0.2%
Nicholas	1,878	0.1%
Owsley	1,550	0.1%
Menifee	1,509	0.1%
Ballard	1,257	0.1%
Fulton	1,151	0.1%
Carlisle	969	0.1%
Hickman	818	0.1%
Robertson	623	0.0%

Total Cases
1,286,697

New Cases by County

County	Cases	Percent
Jefferson	198	9.5%
Pike	136	6.6%
Fayette	96	4.6%
Pulaski	88	4.2%
Christian	62	3.0%
Kenton	58	2.8%
Laurel	55	2.6%
Barren	42	2.0%
Boone	42	2.0%
Taylor	42	2.0%
Wayne	42	2.0%
Whitley	40	1.9%
Madison	38	1.8%
Perry	38	1.8%
Campbell	37	1.8%
McCreary	37	1.8%
Clark	35	1.7%
Scott	35	1.7%
Anderson	34	1.6%
Montgomery	33	1.6%
Trigg	33	1.6%
Bath	30	1.4%
Boyd	30	1.4%
Morgan	30	1.4%
Clinton	26	1.3%
Floyd	26	1.3%
Adair	25	1.2%
Greenup	25	1.2%
Casey	22	1.1%
Hardin	22	1.1%

County	Cases	Percent
Hopkins	21	1.0%
Crittenden	20	1.0%
Daviess	20	1.0%
Franklin	20	1.0%
McCracken	19	0.9%
Knox	17	0.8%
Breathitt	16	0.8%
Harlan	16	0.8%
Leslie	16	0.8%
Carter	15	0.7%
Green	15	0.7%
Bourbon	14	0.7%
Letcher	14	0.7%
Magoffin	14	0.7%
Shelby	13	0.6%
Warren	13	0.6%
Wolfe	13	0.6%
Bullitt	12	0.6%
Clay	12	0.6%
Harrison	12	0.6%
Jessamine	12	0.6%
Caldwell	10	0.5%
Russell	10	0.5%
Elliott	9	0.4%
Henderson	9	0.4%
Logan	9	0.4%
Rowan	9	0.4%
Boyle	8	0.4%
Cumberland	8	0.4%
Estill	8	0.4%

County	Cases	Percent
Fleming	8	0.4%
Grayson	8	0.4%
Johnson	8	0.4%
Livingston	8	0.4%
Menifee	8	0.4%
Grant	7	0.3%
Lewis	7	0.3%
Martin	7	0.3%
Mason	7	0.3%
Lee	6	0.3%
Lyon	6	0.3%
Powell	6	0.3%
Hart	5	0.2%
Mercer	5	0.2%
Metcalfe	5	0.2%
Muhlenberg	5	0.2%
Bracken	4	0.2%
Garrard	4	0.2%
Jackson	4	0.2%
Knott	4	0.2%
Larue	4	0.2%
Lincoln	4	0.2%
Marion	4	0.2%
Marshall	4	0.2%
Nelson	4	0.2%
Nicholas	4	0.2%
Oldham	4	0.2%
Rockcastle	4	0.2%
Washington	4	0.2%
Allen	3	0.1%

County	Cases	Percent
Bell	3	0.1%
Breckinridge	3	0.1%
Butler	3	0.1%
Pendleton	3	0.1%
Simpson	3	0.1%
Todd	3	0.1%
Woodford	3	0.1%
Calloway	2	0.1%
Carlisle	2	0.1%
Carroll	2	0.1%
Edmonson	2	0.1%
Graves	2	0.1%
Hancock	2	0.1%
Henry	2	0.1%
Lawrence	2	0.1%
Monroe	2	0.1%
Ohio	2	0.1%
Owsley	2	0.1%
Spencer	2	0.1%
Trimble	2	0.1%
Union	2	0.1%
Ballard	1	0.0%
Gallatin	1	0.0%
Hickman	1	0.0%
Robertson	1	0.0%
Webster	1	0.0%
Fulton	0	0.0%
McLean	0	0.0%
Meade	0	0.0%
Owen	0	0.0%

Total New Cases
2,076

Total Deaths by County

County	Deaths	Percent
Jefferson	2,091	14.9%
Fayette	555	4.0%
Hardin	403	2.9%
Kenton	370	2.6%
Daviess	359	2.6%
Warren	339	2.4%
Boone	268	1.9%
Pike	258	1.8%
Pulaski	254	1.8%
Madison	251	1.8%
Hopkins	244	1.7%
McCracken	229	1.6%
Barren	207	1.5%
Laurel	203	1.4%
Christian	196	1.4%
Bullitt	195	1.4%
Harlan	184	1.3%
Whitley	168	1.2%
Boyd	165	1.2%
Graves	160	1.1%
Floyd	159	1.1%
Campbell	153	1.1%
Perry	149	1.1%
Henderson	147	1.0%
Shelby	147	1.0%
Nelson	140	1.0%
Franklin	135	1.0%
Bell	132	0.9%
Jessamine	130	0.9%
Oldham	127	0.9%

County	Deaths	Percent
Greenup	126	0.9%
Knox	125	0.9%
Boyle	122	0.9%
Grayson	122	0.9%
Lincoln	121	0.9%
Muhlenberg	118	0.8%
Logan	113	0.8%
Taylor	113	0.8%
Adair	99	0.7%
Mercer	99	0.7%
Carter	97	0.7%
Johnson	97	0.7%
Marshall	97	0.7%
Mason	97	0.7%
Letcher	96	0.7%
Ohio	95	0.7%
Allen	94	0.7%
Hart	94	0.7%
Scott	94	0.7%
Montgomery	87	0.6%
Simpson	87	0.6%
Wayne	87	0.6%
Calloway	85	0.6%
Clay	82	0.6%
Russell	81	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	68	0.5%
Casey	66	0.5%
Anderson	65	0.5%
Meade	64	0.5%
Harrison	62	0.4%
Lawrence	59	0.4%
Metcalfe	59	0.4%
Caldwell	58	0.4%
Livingston	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	0.3%
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	0.1%
Robertson	21	0.1%
Carlisle	19	0.1%
Morgan	18	0.1%
Wolfe	18	0.1%
Elliott	16	0.1%

Total Deaths
14,018

Incidence Rates by County

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

County	Rate
Wolfe	117.8
Perry	115.9
Menifee	105.7
Leslie	91.1
Bath	73.1
Breathitt	71.3
Magoffin	62.3
McCreary	52.2
Anderson	50.9
Montgomery	50.2
Harlan	47.2
Lawrence	46.6
Rowan	46.1
Martin	45.9
Crittenden	45.4
Morgan	45.1
Knott	42.5
Whitley	40.6
Lee	40.5
Taylor	40.5
Elliott	39.9
Floyd	39.7
Adair	37.9
Lewis	37.7
Greenup	37.4
Carter	36.8
Owsley	35.6
Knox	35.3
Green	35.3
Wayne	34.4

County	Rate
Russell	32.7
Letcher	32.5
Jackson	32.2
Clay	31.6
Boyd	31.2
Bourbon	31.0
Clinton	30.8
Pike	29.4
Estill	27.3
Powell	25.4
Rockcastle	24.0
Cumberland	23.8
Pulaski	23.7
Hopkins	23.3
Johnson	23.2
Madison	23.0
Casey	23.0
Fleming	21.6
Larue	20.8
Union	19.9
Metcalfe	19.9
Harrison	19.7
Barren	19.4
Laurel	19.3
Bracken	18.9
Grayson	18.9
Fayette	18.9
Muhlenberg	18.7
Spencer	17.7
Grant	17.7

County	Rate
Scott	17.0
Garrard	17.0
Jefferson	16.5
Jessamine	16.4
Woodford	16.0
Livingston	15.5
Butler	15.5
Clark	15.4
Lincoln	15.1
Henderson	14.9
Marion	14.8
Bell	14.8
Monroe	14.8
Hancock	14.7
Boone	14.5
Hardin	14.4
Mercer	14.3
Franklin	14.3
Washington	14.2
Shelby	13.7
Daviess	13.7
Boyle	13.3
Nelson	13.3
Webster	13.2
Hickman	13.0
Fulton	12.0
Logan	11.6
Caldwell	11.2
Simpson	10.8
Carroll	10.8

County	Rate
Lyon	10.4
Trimble	10.1
Bullitt	10.0
Campbell	9.8
Gallatin	9.7
Allen	9.4
Kenton	9.2
Owen	9.2
Ballard	9.1
Hart	9.0
Carlisle	9.0
McCracken	9.0
Henry	8.9
Breckinridge	8.4
Mason	8.4
Oldham	8.3
Christian	8.3
Nicholas	7.9
Marshall	7.8
McLean	7.8
Ohio	6.5
Todd	5.8
Graves	5.4
Warren	4.6
Calloway	4.4
Edmonson	3.5
Meade	3.5
Pendleton	2.9
Trigg	2.9
Robertson	0.0

Current Overall Incidence Rate
19.50 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.