

KY COVID-19 Report

04FEB22

Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,193,783	832,692	361,091
Deaths	13,063	11,441	1,622
New Cases	8,376	5,780	2,596
New Cases 18 and Under	1,715	999	716
Total New Deaths	37	26	11

Duplicates and records not meeting case criteria removed since last report: 24

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
97,390	8.2%	0-9	0.0%	2
166,568	14.0%	10-19	0.1%	9
205,666	17.2%	20-29	0.4%	56
190,070	15.9%	30-39	1.4%	180
171,733	14.4%	40-49	3.9%	510
154,632	13.0%	50-59	9.9%	1,296
111,748	9.4%	60-69	20.3%	2,650
62,290	5.2%	70-79	27.1%	3,534
33,435	2.8%	80+	36.9%	4,826
251	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,196	0.4%	American Indian	0.1%	17
9,493	1.0%	Asian	0.4%	54
78,598	7.9%	Black	7.0%	872
411	0.0%	Pacific Islander	0.1%	9
849,386	85.7%	White	89.6%	11,200
48,841	4.9%	Multiracial	2.8%	344

Cases	Case Percent	Ethnicity	Death Percent	Deaths
42,254	4.6%	Hispanic	1.5%	188
885,151	95.4%	Non-Hispanic	98.5%	11,996

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.0% of cases and 95.7% of deaths
Ethnicity known for 77.7% of cases and 93.3% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
34,887	141,182	24.71%

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
12,924,103	9,214,397	411,463	2,988,290	1,438,992	986,014	56,424	396,554

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	37,498	3.14%
Ever ICU	7,034	0.59%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,345
ICU	422
On Ventilator	215

Current Overall Capacity*

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,584	5,504	57.9%
ICU Beds	1,198	219	84.5%
Ventilators	626	1,576	28.4%

* 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	144	35	19	18.7%	43.2%	21.1%	52.27%	91.36%	35.56%
Region 2	134	29	12	17.1%	36.3%	14.0%	59.85%	88.75%	32.56%
Region 3	720	109	65	19.3%	27.5%	14.4%	60.78%	81.31%	36.22%
Region 4	124	27	11	15.0%	32.9%	8.8%	62.85%	96.34%	16.80%
Region 5	449	93	51	16.1%	26.3%	5.9%	58.85%	87.82%	25.40%
Region 6	197	20	6	16.6%	28.2%	4.8%	57.34%	95.77%	31.45%
Region 7	118	17	12	17.5%	21.0%	10.0%	59.26%	48.15%	18.33%
Region 8	214	40	19	18.1%	32.3%	11.2%	52.91%	87.10%	28.99%
Region 9	170	33	17	26.3%	34.7%	16.7%	51.00%	81.05%	30.39%
Region 10	75	19	3	15.5%	35.2%	4.3%	49.69%	92.59%	30.00%

* 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	205,181	17.2%
Fayette	87,299	7.3%
Warren	40,569	3.4%
Kenton	39,320	3.3%
Boone	34,748	2.9%
Hardin	30,701	2.6%
Daviess	29,406	2.5%
Madison	25,628	2.1%
Campbell	21,323	1.8%
Bullitt	20,027	1.7%
Oldham	17,040	1.4%
McCracken	17,023	1.4%
Laurel	16,737	1.4%
Pike	15,790	1.3%
Boyd	14,712	1.2%
Scott	14,584	1.2%
Pulaski	14,465	1.2%
Christian	14,220	1.2%
Jessamine	14,150	1.2%
Nelson	13,626	1.1%
Hopkins	13,593	1.1%
Henderson	12,841	1.1%
Whitley	12,644	1.1%
Shelby	12,386	1.0%
Franklin	12,210	1.0%
Barren	11,846	1.0%
Greenup	10,903	0.9%
Graves	10,764	0.9%
Floyd	10,612	0.9%
Knox	10,377	0.9%

County	Cases	Percent
Muhlenberg	9,563	0.8%
Clark	9,041	0.8%
Perry	8,866	0.7%
Harlan	8,289	0.7%
Bell	8,063	0.7%
Marshall	7,949	0.7%
Taylor	7,838	0.7%
Logan	7,718	0.6%
Boyle	7,683	0.6%
Calloway	7,634	0.6%
Carter	7,572	0.6%
Grayson	7,275	0.6%
Clay	6,993	0.6%
Ohio	6,922	0.6%
Mercer	6,812	0.6%
Grant	6,354	0.5%
Woodford	6,276	0.5%
Allen	6,118	0.5%
Marion	6,047	0.5%
Montgomery	5,979	0.5%
Letcher	5,934	0.5%
Rowan	5,843	0.5%
Anderson	5,738	0.5%
Harrison	5,735	0.5%
Lincoln	5,735	0.5%
Russell	5,569	0.5%
Meade	5,424	0.5%
Bourbon	5,409	0.5%
Johnson	5,377	0.5%
Simpson	5,308	0.4%

County	Cases	Percent
Hart	5,060	0.4%
Spencer	5,003	0.4%
Adair	4,982	0.4%
Breckinridge	4,735	0.4%
McCreary	4,615	0.4%
Rockcastle	4,557	0.4%
Henry	4,529	0.4%
Wayne	4,457	0.4%
Garrard	4,412	0.4%
Powell	4,293	0.4%
Mason	4,274	0.4%
Lewis	4,107	0.3%
Morgan	4,049	0.3%
Union	4,049	0.3%
Lawrence	4,011	0.3%
Jackson	3,842	0.3%
Webster	3,669	0.3%
Caldwell	3,647	0.3%
Washington	3,587	0.3%
Casey	3,561	0.3%
Knott	3,490	0.3%
Larue	3,479	0.3%
Monroe	3,450	0.3%
Estill	3,423	0.3%
Magoffin	3,408	0.3%
Fleming	3,357	0.3%
Butler	3,321	0.3%
Carroll	3,303	0.3%
Pendleton	3,295	0.3%
Green	3,241	0.3%

County	Cases	Percent
Trigg	3,240	0.3%
Clinton	3,126	0.3%
Leslie	3,109	0.3%
Breathitt	3,077	0.3%
Martin	2,846	0.2%
Todd	2,752	0.2%
Metcalfe	2,627	0.2%
Lyon	2,604	0.2%
Bath	2,506	0.2%
McLean	2,484	0.2%
Lee	2,341	0.2%
Hancock	2,325	0.2%
Edmonson	2,308	0.2%
Owen	2,261	0.2%
Livingston	2,111	0.2%
Gallatin	2,102	0.2%
Trimble	2,044	0.2%
Bracken	2,016	0.2%
Wolfe	1,997	0.2%
Cumberland	1,986	0.2%
Crittenden	1,868	0.2%
Elliott	1,814	0.2%
Nicholas	1,744	0.1%
Owsley	1,340	0.1%
Menifee	1,266	0.1%
Ballard	1,196	0.1%
Fulton	1,113	0.1%
Carlisle	926	0.1%
Hickman	780	0.1%
Robertson	572	0.0%

Total Cases
1,193,783

New Cases by County

County	Cases	Percent
Jefferson	856	10.2%
Fayette	315	3.8%
Warren	239	2.9%
Madison	186	2.2%
Hardin	185	2.2%
Floyd	127	1.5%
Kenton	120	1.4%
Boone	116	1.4%
Clay	116	1.4%
Scott	105	1.3%
Laurel	104	1.2%
Boyd	103	1.2%
Daviess	99	1.2%
Perry	96	1.1%
Pike	90	1.1%
Pulaski	84	1.0%
Jessamine	83	1.0%
Harlan	79	0.9%
Whitley	78	0.9%
Barren	77	0.9%
Christian	75	0.9%
Knox	75	0.9%
Letcher	75	0.9%
Campbell	71	0.8%
Logan	71	0.8%
Henderson	70	0.8%
Clark	65	0.8%
Franklin	60	0.7%
Greenup	60	0.7%
Muhlenberg	58	0.7%

County	Cases	Percent
Shelby	58	0.7%
Carter	55	0.7%
Graves	53	0.6%
Bullitt	50	0.6%
Hopkins	50	0.6%
Oldham	48	0.6%
McCracken	44	0.5%
Nelson	44	0.5%
Ohio	44	0.5%
Bourbon	40	0.5%
Breathitt	40	0.5%
Rockcastle	40	0.5%
Allen	39	0.5%
Calloway	39	0.5%
Martin	39	0.5%
Taylor	38	0.5%
Marshall	37	0.4%
Bell	36	0.4%
Estill	36	0.4%
Lee	36	0.4%
Lincoln	36	0.4%
Powell	36	0.4%
Garrard	34	0.4%
Mercer	34	0.4%
Woodford	34	0.4%
Knott	33	0.4%
McCreary	33	0.4%
Boyle	32	0.4%
Anderson	31	0.4%
Adair	30	0.4%

County	Cases	Percent
Grayson	30	0.4%
Butler	28	0.3%
Caldwell	28	0.3%
Harrison	28	0.3%
Hart	28	0.3%
Leslie	27	0.3%
Johnson	26	0.3%
Wayne	26	0.3%
Breckinridge	25	0.3%
Rowan	25	0.3%
Elliott	24	0.3%
Green	24	0.3%
Simpson	24	0.3%
Jackson	23	0.3%
Lawrence	23	0.3%
Meade	23	0.3%
Montgomery	23	0.3%
Magoffin	22	0.3%
Mason	22	0.3%
Russell	22	0.3%
Wolfe	22	0.3%
Hancock	21	0.3%
Edmonson	20	0.2%
Monroe	20	0.2%
Larue	19	0.2%
Marion	19	0.2%
Morgan	18	0.2%
Clinton	16	0.2%
Crittenden	16	0.2%
Fleming	16	0.2%

County	Cases	Percent
Union	16	0.2%
Washington	16	0.2%
Casey	14	0.2%
Owsley	14	0.2%
Cumberland	13	0.2%
Grant	13	0.2%
Livingston	13	0.2%
Henry	12	0.1%
Lewis	12	0.1%
Lyon	12	0.1%
Metcalfe	12	0.1%
Spencer	10	0.1%
Trigg	10	0.1%
Webster	10	0.1%
McLean	8	0.1%
Bath	7	0.1%
Todd	7	0.1%
Bracken	6	0.1%
Carroll	6	0.1%
Pendleton	6	0.1%
Trimble	6	0.1%
Fulton	5	0.1%
Owen	5	0.1%
Gallatin	4	0.0%
Menifee	4	0.0%
Nicholas	4	0.0%
Ballard	2	0.0%
Robertson	2	0.0%
Carlisle	1	0.0%
Hickman	1	0.0%

Total New Cases
8,376

Total Deaths by County

County	Deaths	Percent
Jefferson	1,944	14.9%
Fayette	513	3.9%
Hardin	386	3.0%
Kenton	345	2.6%
Daviess	343	2.6%
Warren	319	2.4%
Boone	248	1.9%
Pulaski	244	1.9%
Pike	240	1.8%
Hopkins	231	1.8%
Madison	231	1.8%
McCracken	207	1.6%
Barren	193	1.5%
Laurel	191	1.5%
Christian	184	1.4%
Bullitt	176	1.3%
Harlan	171	1.3%
Floyd	152	1.2%
Boyd	148	1.1%
Whitley	147	1.1%
Graves	144	1.1%
Henderson	142	1.1%
Campbell	138	1.1%
Perry	138	1.1%
Shelby	138	1.1%
Nelson	127	1.0%
Franklin	124	0.9%
Bell	123	0.9%
Jessamine	123	0.9%
Oldham	121	0.9%

County	Deaths	Percent
Boyle	120	0.9%
Knox	115	0.9%
Grayson	114	0.9%
Greenup	114	0.9%
Lincoln	113	0.9%
Muhlenberg	109	0.8%
Logan	107	0.8%
Taylor	107	0.8%
Mercer	98	0.8%
Adair	95	0.7%
Mason	92	0.7%
Carter	91	0.7%
Marshall	91	0.7%
Ohio	91	0.7%
Allen	90	0.7%
Hart	88	0.7%
Letcher	88	0.7%
Johnson	86	0.7%
Montgomery	85	0.7%
Scott	85	0.7%
Wayne	80	0.6%
Simpson	79	0.6%
Calloway	73	0.6%
Russell	73	0.6%
Lewis	72	0.6%
Clay	71	0.5%
McCreary	69	0.5%
Monroe	69	0.5%
Marion	67	0.5%
Casey	65	0.5%

County	Deaths	Percent
Garrard	64	0.5%
Breckinridge	63	0.5%
Jackson	63	0.5%
Larue	61	0.5%
Meade	61	0.5%
Anderson	60	0.5%
Harrison	58	0.4%
Caldwell	57	0.4%
Metcalfe	54	0.4%
Washington	54	0.4%
Lawrence	53	0.4%
Knott	52	0.4%
Union	52	0.4%
Clark	51	0.4%
Livingston	51	0.4%
Rockcastle	51	0.4%
Breathitt	50	0.4%
Rowan	50	0.4%
Butler	49	0.4%
Spencer	48	0.4%
Bourbon	46	0.4%
Grant	46	0.4%
Webster	46	0.4%
Gallatin	45	0.3%
McLean	45	0.3%
Fleming	44	0.3%
Henry	44	0.3%
Lee	44	0.3%
Martin	44	0.3%
Clinton	41	0.3%

County	Deaths	Percent
Woodford	41	0.3%
Carroll	40	0.3%
Estill	40	0.3%
Todd	40	0.3%
Crittenden	39	0.3%
Leslie	39	0.3%
Edmonson	37	0.3%
Magoffin	37	0.3%
Trigg	37	0.3%
Green	36	0.3%
Bath	35	0.3%
Trimble	35	0.3%
Pendleton	33	0.3%
Lyon	32	0.2%
Powell	32	0.2%
Owen	30	0.2%
Menifee	29	0.2%
Nicholas	29	0.2%
Ballard	26	0.2%
Cumberland	24	0.2%
Bracken	23	0.2%
Fulton	23	0.2%
Owsley	23	0.2%
Hickman	22	0.2%
Robertson	21	0.2%
Hancock	19	0.1%
Carlisle	17	0.1%
Morgan	17	0.1%
Wolfe	17	0.1%
Elliott	15	0.1%

Total Deaths
13,063

Incidence Rates by County

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

County	Rate
Clay	290.7
Powell	263.5
Muhlenberg	255.7
Rockcastle	251.6
Owsley	249.2
Knox	248.1
Lee	237.4
Hart	237.2
Whitley	232.0
Floyd	220.4
Harlan	219.1
Breathitt	218.3
Leslie	217.0
Letcher	211.4
Wolfe	209.6
Cumberland	209.5
Carter	208.4
Marion	205.3
Clark	202.5
Magoffin	197.4
Ohio	195.9
Bell	194.8
Perry	193.6
Mercer	193.4
Caldwell	190.5
Washington	190.2
Boyd	185.3
Monroe	182.4
Harrison	182.3
Madison	180.5

County	Rate
Lewis	178.6
Hopkins	177.7
McLean	176.9
Estill	176.2
Logan	176.1
Jackson	175.8
Lawrence	175.3
Martin	174.8
Knott	174.6
Grayson	174.6
Bourbon	172.5
Fleming	171.5
Green	169.7
Allen	169.6
Hardin	166.6
Marshall	165.4
Webster	163.4
Garrard	162.5
Larue	158.8
Butler	158.6
Russell	157.0
Hancock	155.6
Scott	153.9
Daviess	152.1
Nelson	151.4
Livingston	150.7
Woodford	150.2
Boyle	148.3
Clinton	148.2
Jessamine	146.5

County	Rate
Laurel	146.4
Shelby	144.2
Johnson	142.9
Lyon	140.9
Adair	139.1
Anderson	137.5
Barren	136.6
Graves	135.3
Rowan	134.9
Warren	134.2
Henderson	134.0
Trigg	133.6
Simpson	133.1
Franklin	131.4
Henry	128.5
Union	128.1
Elliott	127.3
Bath	123.4
Lincoln	123.4
Greenup	122.5
Jefferson	122.4
Bullitt	119.3
Pike	118.5
Calloway	117.6
Taylor	115.9
Mason	114.7
McCreary	111.1
Spencer	110.7
McCracken	110.3
Carroll	110.2

County	Rate
Breckinridge	105.3
Metcalfe	105.0
Fayette	104.5
Gallatin	103.1
Morgan	103.0
Trimble	101.2
Oldham	98.4
Casey	97.2
Meade	96.5
Nicholas	96.3
Edmonson	92.9
Christian	92.9
Hickman	91.3
Todd	90.6
Wayne	89.9
Bracken	89.5
Pendleton	88.1
Robertson	88.1
Owen	81.3
Ballard	79.7
Pulaski	77.8
Fulton	76.6
Montgomery	75.1
Boone	72.0
Crittenden	71.4
Campbell	65.5
Kenton	57.3
Menifee	57.2
Grant	55.8
Carlisle	51.0

Current Overall Incidence Rate
135.68 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.