

KY COVID-19 Report

03FEB22

Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,185,431	826,919	358,512
Deaths	13,026	11,415	1,611
New Cases	8,994	5,564	3,430
New Cases 18 and Under	2,461	1,246	1,215
Total New Deaths	30	28	2

Duplicates and records not meeting case criteria removed since last report: 33

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
96,566	8.1%	0-9	0.0%	2
165,567	14.0%	10-19	0.1%	9
204,307	17.2%	20-29	0.4%	56
188,623	15.9%	30-39	1.4%	177
170,513	14.4%	40-49	3.9%	508
153,514	13.0%	50-59	9.9%	1,293
110,989	9.4%	60-69	20.3%	2,639
61,886	5.2%	70-79	27.0%	3,523
33,215	2.8%	80+	37.0%	4,819
251	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,158	0.4%	American Indian	0.1%	17
9,433	1.0%	Asian	0.4%	54
78,091	8.0%	Black	7.0%	871
409	0.0%	Pacific Islander	0.1%	8
841,645	85.7%	White	89.6%	11,170
48,528	4.9%	Multiracial	2.8%	343

Cases	Case Percent	Ethnicity	Death Percent	Deaths
42,040	4.6%	Hispanic	1.5%	187
879,150	95.4%	Non-Hispanic	98.5%	11,964

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 82.9% 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
41,396	161,280	25.67%

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
12,881,729	9,191,346	411,265	2,971,455	1,430,779	980,460	56,366	393,953

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	37,313	3.15%
Ever ICU	6,986	0.59%

Due to a data processing issue, the "Ever ICU" counts are under reported for today's report

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,443
ICU	455
On Ventilator	223

Current Overall Capacity *

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,722	5,472	58.5%
ICU Beds	1,219	225	84.4%
Ventilators	628	1,280	32.9%

* 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	159	42	23	20.4%	46.7%	23.7%	57.31%	91.11%	37.11%
Region 2	147	34	12	18.8%	41.5%	14.0%	61.22%	82.93%	31.40%
Region 3	731	133	74	19.6%	33.3%	16.4%	61.38%	81.95%	36.22%
Region 4	128	26	10	15.4%	30.6%	8.0%	57.30%	97.65%	22.40%
Region 5	446	94	48	15.5%	25.9%	8.5%	58.35%	85.95%	39.93%
Region 6	226	19	7	19.0%	24.7%	5.6%	59.98%	87.01%	29.03%
Region 7	133	15	11	19.3%	18.5%	9.2%	59.28%	49.38%	18.33%
Region 8	232	40	23	19.7%	34.2%	13.6%	54.75%	90.60%	27.22%
Region 9	176	35	12	27.2%	36.5%	11.8%	51.39%	86.46%	24.51%
Region 10	65	17	3	13.5%	31.5%	4.3%	51.35%	94.44%	27.54%

* 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	204,330	17.2%
Fayette	87,008	7.3%
Warren	40,333	3.4%
Kenton	39,200	3.3%
Boone	34,631	2.9%
Hardin	30,526	2.6%
Daviess	29,309	2.5%
Madison	25,444	2.1%
Campbell	21,251	1.8%
Bullitt	19,978	1.7%
Oldham	16,995	1.4%
McCracken	16,982	1.4%
Laurel	16,628	1.4%
Pike	15,698	1.3%
Boyd	14,610	1.2%
Scott	14,478	1.2%
Pulaski	14,385	1.2%
Christian	14,146	1.2%
Jessamine	14,064	1.2%
Nelson	13,584	1.1%
Hopkins	13,543	1.1%
Henderson	12,771	1.1%
Whitley	12,581	1.1%
Shelby	12,327	1.0%
Franklin	12,143	1.0%
Barren	11,766	1.0%
Greenup	10,840	0.9%
Graves	10,707	0.9%
Floyd	10,485	0.9%
Knox	10,293	0.9%

County	Cases	Percent
Muhlenberg	9,505	0.8%
Clark	8,980	0.8%
Perry	8,769	0.7%
Harlan	8,210	0.7%
Bell	8,027	0.7%
Marshall	7,910	0.7%
Taylor	7,800	0.7%
Boyle	7,651	0.6%
Logan	7,645	0.6%
Calloway	7,597	0.6%
Carter	7,517	0.6%
Grayson	7,247	0.6%
Ohio	6,879	0.6%
Clay	6,878	0.6%
Mercer	6,777	0.6%
Grant	6,340	0.5%
Woodford	6,239	0.5%
Allen	6,081	0.5%
Marion	6,030	0.5%
Montgomery	5,955	0.5%
Letcher	5,860	0.5%
Rowan	5,818	0.5%
Anderson	5,707	0.5%
Harrison	5,707	0.5%
Lincoln	5,698	0.5%
Russell	5,547	0.5%
Meade	5,392	0.5%
Bourbon	5,369	0.5%
Johnson	5,353	0.5%
Simpson	5,284	0.4%

County	Cases	Percent
Hart	5,034	0.4%
Spencer	4,989	0.4%
Adair	4,952	0.4%
Breckinridge	4,709	0.4%
McCreary	4,582	0.4%
Henry	4,517	0.4%
Rockcastle	4,517	0.4%
Wayne	4,431	0.4%
Garrard	4,378	0.4%
Powell	4,255	0.4%
Mason	4,252	0.4%
Lewis	4,096	0.3%
Morgan	4,033	0.3%
Union	4,033	0.3%
Lawrence	3,986	0.3%
Jackson	3,819	0.3%
Webster	3,658	0.3%
Caldwell	3,622	0.3%
Washington	3,570	0.3%
Casey	3,547	0.3%
Knott	3,457	0.3%
Larue	3,456	0.3%
Monroe	3,429	0.3%
Estill	3,386	0.3%
Magoffin	3,385	0.3%
Fleming	3,341	0.3%
Carroll	3,297	0.3%
Butler	3,291	0.3%
Pendleton	3,289	0.3%
Trigg	3,230	0.3%

County	Cases	Percent
Green	3,219	0.3%
Clinton	3,110	0.3%
Leslie	3,082	0.3%
Breathitt	3,038	0.3%
Martin	2,806	0.2%
Todd	2,746	0.2%
Metcalfe	2,617	0.2%
Lyon	2,592	0.2%
Bath	2,499	0.2%
McLean	2,476	0.2%
Lee	2,306	0.2%
Hancock	2,304	0.2%
Edmonson	2,288	0.2%
Owen	2,256	0.2%
Gallatin	2,099	0.2%
Livingston	2,099	0.2%
Trimble	2,038	0.2%
Bracken	2,010	0.2%
Cumberland	1,973	0.2%
Wolfe	1,972	0.2%
Crittenden	1,851	0.2%
Elliott	1,790	0.2%
Nicholas	1,740	0.1%
Owsley	1,326	0.1%
Menifee	1,262	0.1%
Ballard	1,193	0.1%
Fulton	1,108	0.1%
Carlisle	925	0.1%
Hickman	780	0.1%
Robertson	570	0.0%

Total Cases
1,185,431

New Cases by County

County	Cases	Percent
Jefferson	1,105	12.3%
Fayette	504	5.6%
Madison	301	3.3%
Warren	297	3.3%
Hardin	205	2.3%
Scott	199	2.2%
Boone	190	2.1%
Kenton	190	2.1%
Christian	184	2.0%
Daviess	179	2.0%
Pike	155	1.7%
Bullitt	132	1.5%
Clark	130	1.4%
Shelby	130	1.4%
Hopkins	123	1.4%
Floyd	120	1.3%
Harlan	118	1.3%
Laurel	117	1.3%
McCracken	116	1.3%
Whitley	114	1.3%
Perry	112	1.2%
Boyd	107	1.2%
Letcher	107	1.2%
Nelson	106	1.2%
Rockcastle	105	1.2%
Pulaski	102	1.1%
Franklin	101	1.1%
Jessamine	100	1.1%
Barren	97	1.1%
Marshall	95	1.1%

County	Cases	Percent
Knox	93	1.0%
Campbell	91	1.0%
Hart	89	1.0%
Henderson	82	0.9%
Clay	80	0.9%
Muhlenberg	78	0.9%
Calloway	72	0.8%
Graves	72	0.8%
Carter	71	0.8%
Bell	69	0.8%
Boyle	69	0.8%
Oldham	69	0.8%
Harrison	66	0.7%
Lincoln	66	0.7%
Logan	61	0.7%
Ohio	60	0.7%
Bourbon	58	0.6%
Rowan	58	0.6%
Marion	56	0.6%
Powell	56	0.6%
Fleming	55	0.6%
Grayson	54	0.6%
Lewis	53	0.6%
Mercer	51	0.6%
Knott	50	0.6%
Butler	45	0.5%
McCreary	45	0.5%
Magoffin	45	0.5%
Estill	44	0.5%
Greenup	44	0.5%

County	Cases	Percent
Adair	43	0.5%
Casey	43	0.5%
Johnson	43	0.5%
Anderson	42	0.5%
Breathitt	42	0.5%
Jackson	42	0.5%
Lawrence	42	0.5%
Taylor	40	0.4%
Woodford	40	0.4%
Garrard	38	0.4%
Mason	38	0.4%
Wayne	37	0.4%
Henry	36	0.4%
Washington	36	0.4%
Spencer	35	0.4%
Grant	34	0.4%
Trigg	33	0.4%
Allen	32	0.4%
Breckinridge	31	0.3%
Russell	31	0.3%
Simpson	31	0.3%
Wolfe	30	0.3%
Leslie	27	0.3%
Union	27	0.3%
Livingston	26	0.3%
Montgomery	26	0.3%
Cumberland	24	0.3%
McLean	24	0.3%
Meade	24	0.3%
Bath	23	0.3%

County	Cases	Percent
Martin	23	0.3%
Caldwell	22	0.2%
Owen	22	0.2%
Owsley	22	0.2%
Clinton	21	0.2%
Morgan	21	0.2%
Webster	21	0.2%
Larue	20	0.2%
Edmonson	19	0.2%
Lee	19	0.2%
Bracken	18	0.2%
Green	18	0.2%
Monroe	18	0.2%
Todd	18	0.2%
Carroll	15	0.2%
Hancock	15	0.2%
Gallatin	13	0.1%
Metcalfe	13	0.1%
Pendleton	13	0.1%
Crittenden	12	0.1%
Lyon	12	0.1%
Nicholas	12	0.1%
Menifee	10	0.1%
Trimble	9	0.1%
Elliott	7	0.1%
Ballard	6	0.1%
Hickman	5	0.1%
Carlisle	3	0.0%
Robertson	3	0.0%
Fulton	1	0.0%

Total New Cases
8,994

Total Deaths by County

County	Deaths	Percent
Jefferson	1,942	14.9%
Fayette	513	3.9%
Hardin	385	3.0%
Daviess	343	2.6%
Kenton	338	2.6%
Warren	319	2.4%
Boone	244	1.9%
Pulaski	244	1.9%
Pike	240	1.8%
Madison	231	1.8%
Hopkins	230	1.8%
McCracken	207	1.6%
Barren	192	1.5%
Laurel	191	1.5%
Christian	183	1.4%
Bullitt	176	1.4%
Harlan	171	1.3%
Floyd	152	1.2%
Boyd	148	1.1%
Whitley	147	1.1%
Graves	144	1.1%
Henderson	141	1.1%
Perry	138	1.1%
Shelby	138	1.1%
Campbell	137	1.1%
Nelson	127	1.0%
Franklin	124	1.0%
Bell	123	0.9%
Oldham	121	0.9%
Boyle	120	0.9%

County	Deaths	Percent
Jessamine	120	0.9%
Grayson	115	0.9%
Greenup	114	0.9%
Knox	114	0.9%
Lincoln	113	0.9%
Muhlenberg	109	0.8%
Logan	107	0.8%
Taylor	106	0.8%
Mercer	98	0.8%
Adair	95	0.7%
Carter	91	0.7%
Marshall	91	0.7%
Mason	91	0.7%
Ohio	91	0.7%
Allen	90	0.7%
Hart	88	0.7%
Letcher	87	0.7%
Johnson	86	0.7%
Montgomery	85	0.7%
Scott	82	0.6%
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%
Jackson	63	0.5%
Breckinridge	61	0.5%
Larue	61	0.5%
Anderson	60	0.5%
Meade	59	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%
Webster	46	0.4%
Gallatin	45	0.3%
Grant	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%
Estill	40	0.3%
Carroll	39	0.3%
Crittenden	39	0.3%
Leslie	39	0.3%
Todd	39	0.3%
Magoffin	37	0.3%
Trigg	37	0.3%
Edmonson	36	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%
Bracken	23	0.2%
Cumberland	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
13,026

Incidence Rates by County

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

County	Rate
Muhlenberg	300.0
Clay	292.2
Powell	280.9
Whitley	271.8
Mercer	267.7
Knox	265.1
Marion	263.1
Owsley	262.1
Caldwell	257.8
Rockcastle	246.4
Floyd	240.4
Hart	235.7
Washington	232.7
Clark	230.5
Magoffin	230.2
Harrison	228.4
Wolfe	227.5
Leslie	225.6
Carter	225.5
Letcher	222.7
Lewis	221.7
Bell	220.6
Harlan	220.2
Lee	220.0
Boyle	219.6
Breathitt	216.0
Madison	214.8
Grayson	214.6
Jackson	213.3
Boyd	213.1

County	Rate
Bourbon	213.0
Cumberland	209.5
Fleming	207.7
Perry	207.4
Hopkins	205.9
Webster	204.2
Ohio	202.4
Knott	200.7
Allen	199.1
Marshall	198.9
McLean	198.6
Monroe	198.5
Hardin	192.2
Russell	190.5
Scott	189.5
Logan	188.7
Daviess	186.2
Lawrence	185.6
Garrard	184.4
Nelson	183.2
Woodford	180.1
Anderson	179.6
Butler	178.6
Jessamine	177.9
Shelby	176.6
Martin	176.1
Estill	173.2
Elliott	172.9
Union	171.9
Larue	171.7

County	Rate
Hancock	170.3
Simpson	169.2
Graves	169.1
Henry	167.4
Franklin	165.3
Lyon	163.6
Green	163.2
Clinton	162.2
Johnson	158.4
Rowan	158.3
Mason	157.3
Adair	156.2
Henderson	156.1
Livingston	153.8
Warren	151.1
Trigg	151.1
McCracken	147.8
Barren	146.9
Bullitt	146.2
Greenup	145.3
Carroll	145.1
Laurel	143.8
Spencer	140.3
Jefferson	139.2
Taylor	139.1
Bath	138.3
Nicholas	135.6
Oldham	133.9
Fayette	133.6
Meade	130.0

County	Rate
Trimble	129.9
Pike	129.8
Lincoln	129.2
Bracken	129.0
Robertson	128.8
Gallatin	127.2
Calloway	127.1
Breckinridge	127.0
Menifee	125.5
Hickman	123.9
Morgan	121.3
Pendleton	117.5
Casey	115.8
Metcalfe	110.6
Owen	110.1
McCreary	109.4
Edmonson	109.3
Christian	109.1
Todd	102.3
Montgomery	94.4
Pulaski	93.4
Ballard	88.7
Wayne	87.8
Boone	85.3
Fulton	83.8
Carlisle	81.0
Campbell	80.8
Crittenden	79.5
Kenton	71.3
Grant	66.7

Current Overall Incidence Rate
157.17 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.