

KY COVID-19 Report

08FEB22

Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,212,686	844,948	367,738
Deaths	13,182	11,547	1,635
New Cases	6,640	3,782	2,858
New Cases 18 and Under	1,892	929	963
Total New Deaths	26	21	5

Duplicates and records not meeting case criteria removed since last report: 25

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
99,447	8.2%	0-9	0.0%	2
169,299	14.0%	10-19	0.1%	9
208,592	17.2%	20-29	0.4%	56
193,110	15.9%	30-39	1.4%	182
174,367	14.4%	40-49	3.9%	517
156,984	12.9%	50-59	9.9%	1,311
113,436	9.4%	60-69	20.3%	2,677
63,235	5.2%	70-79	27.0%	3,562
33,964	2.8%	80+	36.9%	4,866
252	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,253	0.4%	American Indian	0.1%	17
9,625	1.0%	Asian	0.4%	56
79,504	7.9%	Black	6.9%	876
414	0.0%	Pacific Islander	0.1%	9
863,677	85.8%	White	89.7%	11,304
49,378	4.9%	Multiracial	2.7%	346

Cases	Case Percent	Ethnicity	Death Percent	Deaths
42,710	4.5%	Hispanic	1.5%	188
899,187	95.5%	Non-Hispanic	98.5%	12,098

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.0% of cases and 95.6% of deaths
Ethnicity known for 77.7% of cases and 93.2% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
24,674	107,397	22.97%

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
12,999,781	9,257,951	411,870	3,019,215	1,456,384	996,666	56,532	403,186

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	37,833	3.12%
Ever ICU	7,087	0.58%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,136
ICU	416
On Ventilator	208

Current Overall Capacity *

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,183	5,866	55.0%
ICU Beds	1,190	223	84.2%
Ventilators	610	1,297	32.0%

* 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	119	33	14	15.4%	39.3%	14.4%	51.03%	90.48%	24.74%
Region 2	142	27	9	18.2%	34.6%	10.5%	59.10%	82.05%	19.77%
Region 3	643	112	65	17.2%	28.4%	14.4%	57.66%	82.03%	38.22%
Region 4	114	22	9	13.9%	29.7%	7.2%	52.50%	95.95%	17.60%
Region 5	411	96	53	14.7%	27.2%	9.4%	55.10%	84.99%	40.11%
Region 6	177	15	4	14.9%	20.3%	3.2%	58.87%	93.24%	29.03%
Region 7	110	19	11	17.1%	23.8%	9.2%	55.37%	53.75%	10.00%
Region 8	201	41	23	16.9%	32.8%	13.6%	50.59%	84.80%	32.54%
Region 9	165	33	17	25.5%	34.4%	17.2%	48.61%	86.46%	28.28%
Region 10	54	18	3	11.2%	33.3%	4.2%	48.45%	100.00%	23.94%

* 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	207,014	17.1%
Fayette	88,228	7.3%
Warren	41,072	3.4%
Kenton	39,476	3.3%
Boone	34,971	2.9%
Hardin	30,986	2.6%
Daviess	29,666	2.4%
Madison	25,951	2.1%
Campbell	21,453	1.8%
Bullitt	20,213	1.7%
McCracken	17,141	1.4%
Oldham	17,138	1.4%
Laurel	17,020	1.4%
Pike	16,064	1.3%
Boyd	14,984	1.2%
Scott	14,755	1.2%
Pulaski	14,681	1.2%
Jessamine	14,294	1.2%
Christian	14,288	1.2%
Nelson	13,723	1.1%
Hopkins	13,720	1.1%
Henderson	12,925	1.1%
Whitley	12,865	1.1%
Shelby	12,509	1.0%
Franklin	12,346	1.0%
Barren	11,965	1.0%
Greenup	11,129	0.9%
Floyd	10,901	0.9%
Graves	10,892	0.9%
Knox	10,551	0.9%

County	Cases	Percent
Muhlenberg	9,658	0.8%
Clark	9,134	0.8%
Perry	9,110	0.8%
Harlan	8,409	0.7%
Bell	8,166	0.7%
Marshall	7,999	0.7%
Taylor	7,936	0.7%
Logan	7,834	0.6%
Boyle	7,732	0.6%
Carter	7,705	0.6%
Calloway	7,681	0.6%
Grayson	7,408	0.6%
Clay	7,152	0.6%
Ohio	6,977	0.6%
Mercer	6,894	0.6%
Grant	6,385	0.5%
Woodford	6,363	0.5%
Allen	6,182	0.5%
Letcher	6,082	0.5%
Marion	6,077	0.5%
Montgomery	6,017	0.5%
Rowan	5,916	0.5%
Lincoln	5,814	0.5%
Harrison	5,808	0.5%
Anderson	5,793	0.5%
Russell	5,688	0.5%
Johnson	5,480	0.5%
Bourbon	5,476	0.5%
Meade	5,468	0.5%
Simpson	5,369	0.4%

County	Cases	Percent
Hart	5,109	0.4%
Spencer	5,050	0.4%
Adair	5,032	0.4%
Breckinridge	4,772	0.4%
Rockcastle	4,675	0.4%
McCreary	4,649	0.4%
Henry	4,574	0.4%
Wayne	4,516	0.4%
Garrard	4,450	0.4%
Powell	4,382	0.4%
Mason	4,324	0.4%
Lewis	4,140	0.3%
Morgan	4,100	0.3%
Lawrence	4,084	0.3%
Union	4,070	0.3%
Jackson	3,885	0.3%
Webster	3,705	0.3%
Caldwell	3,693	0.3%
Washington	3,625	0.3%
Estill	3,619	0.3%
Casey	3,590	0.3%
Knott	3,558	0.3%
Larue	3,506	0.3%
Monroe	3,471	0.3%
Magoffin	3,470	0.3%
Fleming	3,390	0.3%
Butler	3,376	0.3%
Carroll	3,317	0.3%
Pendleton	3,311	0.3%
Trigg	3,284	0.3%

County	Cases	Percent
Green	3,263	0.3%
Leslie	3,186	0.3%
Clinton	3,144	0.3%
Breathitt	3,133	0.3%
Martin	2,913	0.2%
Todd	2,761	0.2%
Lyon	2,650	0.2%
Metcalfe	2,643	0.2%
Bath	2,553	0.2%
McLean	2,508	0.2%
Lee	2,391	0.2%
Edmonson	2,352	0.2%
Hancock	2,342	0.2%
Owen	2,273	0.2%
Livingston	2,144	0.2%
Gallatin	2,114	0.2%
Trimble	2,056	0.2%
Wolfe	2,037	0.2%
Bracken	2,030	0.2%
Cumberland	2,014	0.2%
Crittenden	1,908	0.2%
Elliott	1,856	0.2%
Nicholas	1,774	0.1%
Owsley	1,376	0.1%
Menifee	1,284	0.1%
Ballard	1,207	0.1%
Fulton	1,117	0.1%
Carlisle	933	0.1%
Hickman	793	0.1%
Robertson	580	0.0%

Total Cases
1,212,686

New Cases by County

County	Cases	Percent
Jefferson	661	10.0%
Fayette	428	6.4%
Warren	227	3.4%
Boyd	202	3.0%
Madison	190	2.9%
Hardin	180	2.7%
Pike	163	2.5%
Whitley	127	1.9%
Floyd	112	1.7%
Laurel	112	1.7%
Bullitt	82	1.2%
Daviess	82	1.2%
Perry	79	1.2%
Scott	77	1.2%
Jessamine	75	1.1%
Hopkins	70	1.1%
Boone	69	1.0%
Kenton	69	1.0%
Pulaski	69	1.0%
Knox	68	1.0%
Mercer	65	1.0%
Franklin	59	0.9%
Taylor	58	0.9%
Powell	57	0.9%
Barren	56	0.8%
Rockcastle	53	0.8%
Martin	51	0.8%
Grayson	50	0.8%
Nelson	49	0.7%
Johnson	48	0.7%

County	Cases	Percent
Campbell	45	0.7%
McCracken	43	0.6%
Oldham	43	0.6%
Butler	41	0.6%
Greenup	40	0.6%
Harlan	39	0.6%
Logan	39	0.6%
Muhlenberg	39	0.6%
Shelby	39	0.6%
Russell	38	0.6%
Clay	37	0.6%
Estill	36	0.5%
Henderson	36	0.5%
Bell	35	0.5%
Woodford	35	0.5%
Allen	34	0.5%
Carter	33	0.5%
Graves	33	0.5%
Christian	32	0.5%
Magoffin	32	0.5%
Marshall	31	0.5%
Breathitt	30	0.5%
Clark	29	0.4%
Lee	29	0.4%
Leslie	29	0.4%
Lawrence	28	0.4%
Calloway	27	0.4%
Anderson	25	0.4%
Jackson	24	0.4%
Lewis	24	0.4%

County	Cases	Percent
Lyon	24	0.4%
Webster	24	0.4%
Harrison	23	0.3%
Lincoln	23	0.3%
Rowan	23	0.3%
Livingston	22	0.3%
Mason	22	0.3%
Wayne	22	0.3%
Simpson	21	0.3%
Bath	20	0.3%
Garrard	20	0.3%
Montgomery	20	0.3%
Breckinridge	19	0.3%
Caldwell	19	0.3%
Letcher	19	0.3%
Washington	18	0.3%
Wolfe	18	0.3%
Boyle	17	0.3%
Meade	17	0.3%
Adair	16	0.2%
Hart	16	0.2%
Spencer	16	0.2%
Knott	15	0.2%
Morgan	14	0.2%
Bourbon	13	0.2%
Edmonson	13	0.2%
Henry	13	0.2%
Nicholas	13	0.2%
Ohio	13	0.2%
Owsley	13	0.2%

County	Cases	Percent
Larue	12	0.2%
Union	12	0.2%
Casey	11	0.2%
Crittenden	11	0.2%
Hancock	11	0.2%
Trigg	11	0.2%
Green	10	0.2%
McCreary	9	0.1%
Fleming	8	0.1%
Gallatin	8	0.1%
Grant	8	0.1%
Carroll	7	0.1%
McLean	7	0.1%
Metcalfe	7	0.1%
Monroe	7	0.1%
Owen	7	0.1%
Pendleton	7	0.1%
Cumberland	6	0.1%
Marion	6	0.1%
Todd	5	0.1%
Clinton	4	0.1%
Fulton	3	0.0%
Menifee	3	0.0%
Robertson	3	0.0%
Ballard	2	0.0%
Bracken	2	0.0%
Carlisle	2	0.0%
Elliott	2	0.0%
Trimble	2	0.0%
Hickman	1	0.0%

Total New Cases
6,640

Total Deaths by County

County	Deaths	Percent
Jefferson	1,951	14.8%
Fayette	525	4.0%
Hardin	387	2.9%
Kenton	353	2.7%
Daviess	347	2.6%
Warren	324	2.5%
Boone	251	1.9%
Pulaski	248	1.9%
Pike	241	1.8%
Hopkins	233	1.8%
Madison	233	1.8%
McCracken	210	1.6%
Barren	195	1.5%
Christian	191	1.4%
Laurel	191	1.4%
Bullitt	176	1.3%
Harlan	174	1.3%
Floyd	154	1.2%
Boyd	151	1.1%
Whitley	147	1.1%
Graves	146	1.1%
Henderson	144	1.1%
Campbell	143	1.1%
Perry	141	1.1%
Shelby	138	1.0%
Nelson	127	1.0%
Franklin	126	1.0%
Jessamine	124	0.9%
Bell	123	0.9%
Oldham	121	0.9%

County	Deaths	Percent
Boyle	120	0.9%
Knox	116	0.9%
Lincoln	116	0.9%
Grayson	114	0.9%
Greenup	114	0.9%
Muhlenberg	109	0.8%
Taylor	108	0.8%
Logan	107	0.8%
Mercer	98	0.7%
Adair	95	0.7%
Mason	93	0.7%
Allen	92	0.7%
Carter	92	0.7%
Marshall	91	0.7%
Ohio	91	0.7%
Letcher	90	0.7%
Hart	88	0.7%
Johnson	86	0.7%
Montgomery	85	0.6%
Scott	85	0.6%
Wayne	83	0.6%
Simpson	79	0.6%
Lewis	74	0.6%
Russell	74	0.6%
Calloway	73	0.6%
Clay	72	0.5%
McCreary	71	0.5%
Monroe	70	0.5%
Marion	67	0.5%
Casey	65	0.5%

County	Deaths	Percent
Garrard	65	0.5%
Breckinridge	64	0.5%
Jackson	64	0.5%
Larue	61	0.5%
Meade	61	0.5%
Anderson	60	0.5%
Harrison	58	0.4%
Caldwell	57	0.4%
Lawrence	54	0.4%
Metcalfe	54	0.4%
Washington	54	0.4%
Knott	53	0.4%
Union	53	0.4%
Livingston	52	0.4%
Clark	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	0.3%
Grant	46	0.3%
Webster	46	0.3%
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%
Crittenden	40	0.3%
Estill	40	0.3%
Todd	40	0.3%
Leslie	39	0.3%
Trigg	38	0.3%
Edmonson	37	0.3%
Magoffin	37	0.3%
Green	36	0.3%
Bath	35	0.3%
Trimble	35	0.3%
Pendleton	33	0.3%
Lyon	32	0.2%
Owen	32	0.2%
Powell	32	0.2%
Menifee	29	0.2%
Nicholas	29	0.2%
Ballard	27	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	20	0.2%
Wolfe	18	0.1%
Carlisle	17	0.1%
Morgan	17	0.1%
Elliott	15	0.1%

Total Deaths
13,182

Incidence Rates by County

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

County	Rate
Clay	279.2
Powell	246.2
Owsley	242.7
Estill	242.0
Rockcastle	234.5
Lee	227.7
Letcher	226.7
Whitley	202.5
Floyd	201.1
Knox	192.2
Leslie	189.5
Breathitt	188.9
Hart	185.4
Wolfe	183.6
Perry	181.9
Harlan	174.1
Martin	173.5
Magoffin	172.7
Cumberland	164.2
Boyd	160.8
Russell	157.8
Carter	155.1
Lawrence	149.2
Madison	148.7
Bell	146.5
Lewis	145.3
Knott	144.7
Jackson	142.5
Harrison	140.7
Logan	139.7

County	Rate
Washington	137.0
Clark	136.7
Muhlenberg	135.3
Mercer	134.8
Grayson	133.0
Monroe	131.5
Laurel	129.4
Greenup	128.2
Elliott	127.3
Ohio	126.2
Green	122.7
Marion	120.1
Lincoln	117.0
Fleming	115.6
Clinton	113.2
Hopkins	112.2
Butler	112.0
Taylor	112.0
Hardin	111.4
Scott	111.3
Adair	110.9
Caldwell	108.7
Rowan	108.6
Webster	108.2
Breckinridge	107.4
Allen	107.2
Barren	104.9
Bourbon	104.7
Johnson	104.3
Daviess	103.6

County	Rate
Woodford	103.1
Pike	102.9
Livingston	102.6
Garrard	101.1
Lyon	100.9
Warren	100.6
Jessamine	100.3
Bath	99.4
Nelson	97.3
Simpson	96.9
Anderson	94.2
Edmonson	94.1
Hancock	93.4
McLean	93.1
McCreary	92.0
Larue	91.3
Marshall	90.5
Wayne	89.9
Shelby	88.6
Boyle	87.4
Franklin	86.6
Bullitt	85.0
Morgan	84.8
Jefferson	82.9
Spencer	80.5
Nicholas	78.6
Henry	77.1
Graves	77.1
Robertson	74.5
Calloway	74.0

County	Rate
Metcalfe	73.8
Mason	72.8
Trigg	72.2
Henderson	72.0
Union	71.5
Crittenden	71.4
Christian	71.2
Pulaski	69.9
Fayette	69.1
McCracken	69.0
Hickman	68.5
Bracken	67.1
Menifee	66.0
Meade	62.0
Oldham	61.8
Casey	60.1
Trimble	59.0
Gallatin	54.8
Carroll	53.8
Pendleton	52.9
Owen	51.1
Montgomery	50.2
Ballard	45.3
Boone	44.4
Todd	41.8
Grant	33.6
Campbell	33.0
Fulton	31.1
Kenton	30.5
Carlisle	21.0

Current Overall Incidence Rate
99.15 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.