

KY COVID-19 Report

28FEB22

Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,277,352	880,723	396,629
Deaths	13,856	12,095	1,761
New Cases	671	482	189
New Cases 18 and Under	141	76	65
Total New Deaths	34	28	6

Duplicates and records not meeting case criteria removed since last report: 15

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
107,269	8.4%	0-9	0.0%	2
178,590	14.0%	10-19	0.1%	10
217,588	17.0%	20-29	0.4%	62
202,631	15.9%	30-39	1.4%	191
183,021	14.3%	40-49	3.9%	546
164,955	12.9%	50-59	9.9%	1,378
119,859	9.4%	60-69	20.5%	2,841
67,057	5.2%	70-79	27.1%	3,759
36,126	2.8%	80+	36.6%	5,067
256	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,466	0.4%	American Indian	0.1%	18
10,232	1.0%	Asian	0.5%	60
83,706	7.9%	Black	6.9%	914
421	0.0%	Pacific Islander	0.1%	9
913,972	85.9%	White	89.7%	11,896
51,646	4.9%	Multiracial	2.8%	368

Cases	Case Percent	Ethnicity	Death Percent	Deaths
44,491	4.5%	Hispanic	1.5%	200
946,060	95.5%	Non-Hispanic	98.5%	12,728

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 77.5% of cases and 93.3% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
6,652	77,724	8.56%

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
13,567,507	9,552,434	414,843	3,284,024	1,538,476	1,042,351	57,459	438,666

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	40,025	3.13%
Ever ICU	7,333	0.57%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	962
ICU	203
On Ventilator	112

Current Overall Capacity *

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	6,967	6,040	53.6%
ICU Beds	1,089	280	79.5%
Ventilators	500	1,396	26.4%

* 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	27	12	5	3.5%	15.4%	5.2%	43.36%	83.33%	14.43%
Region 2	51	9	4	6.6%	13.4%	4.7%	50.33%	76.12%	18.60%
Region 3	295	55	36	7.9%	14.5%	8.1%	56.01%	73.42%	30.27%
Region 4	48	13	8	5.8%	15.7%	6.5%	54.53%	93.98%	21.95%
Region 5	202	40	26	7.2%	11.7%	4.6%	56.10%	82.80%	32.92%
Region 6	44	4	3	3.7%	5.6%	2.4%	58.43%	97.18%	21.77%
Region 7	55	8	2	8.5%	9.9%	1.7%	53.42%	49.38%	11.67%
Region 8	132	38	18	11.2%	31.7%	10.8%	48.94%	90.83%	29.52%
Region 9	87	17	7	13.5%	18.5%	7.1%	47.20%	72.83%	19.19%
Region 10	21	7	3	4.3%	13.0%	4.3%	47.83%	87.04%	18.57%

* 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	219,919	17.2%
Fayette	92,796	7.3%
Warren	42,525	3.3%
Kenton	40,676	3.2%
Boone	36,043	2.8%
Hardin	32,159	2.5%
Daviess	30,745	2.4%
Madison	27,334	2.1%
Campbell	22,256	1.7%
Bullitt	20,859	1.6%
Laurel	18,220	1.4%
Oldham	17,952	1.4%
Pike	17,735	1.4%
McCracken	17,710	1.4%
Boyd	15,919	1.2%
Christian	15,757	1.2%
Scott	15,672	1.2%
Pulaski	15,665	1.2%
Jessamine	14,911	1.2%
Hopkins	14,560	1.1%
Nelson	14,254	1.1%
Whitley	13,751	1.1%
Henderson	13,628	1.1%
Franklin	13,081	1.0%
Shelby	13,069	1.0%
Barren	12,631	1.0%
Floyd	12,182	1.0%
Greenup	11,796	0.9%
Graves	11,310	0.9%
Knox	11,282	0.9%

County	Cases	Percent
Perry	10,350	0.8%
Muhlenberg	10,035	0.8%
Clark	9,803	0.8%
Harlan	9,005	0.7%
Bell	8,754	0.7%
Taylor	8,677	0.7%
Carter	8,381	0.7%
Marshall	8,317	0.7%
Boyle	8,285	0.6%
Logan	8,262	0.6%
Grayson	8,002	0.6%
Calloway	7,898	0.6%
Clay	7,694	0.6%
Ohio	7,244	0.6%
Mercer	7,243	0.6%
Letcher	6,698	0.5%
Grant	6,694	0.5%
Woodford	6,686	0.5%
Montgomery	6,567	0.5%
Allen	6,510	0.5%
Rowan	6,352	0.5%
Marion	6,322	0.5%
Lincoln	6,167	0.5%
Anderson	6,139	0.5%
Russell	6,112	0.5%
Harrison	6,073	0.5%
Bourbon	5,875	0.5%
Johnson	5,840	0.5%
Meade	5,727	0.4%
Simpson	5,583	0.4%

County	Cases	Percent
Adair	5,448	0.4%
Hart	5,318	0.4%
Spencer	5,242	0.4%
Wayne	5,054	0.4%
McCreary	5,030	0.4%
Rockcastle	4,977	0.4%
Breckinridge	4,975	0.4%
Henry	4,726	0.4%
Garrard	4,706	0.4%
Powell	4,670	0.4%
Morgan	4,580	0.4%
Mason	4,522	0.4%
Lawrence	4,433	0.3%
Lewis	4,401	0.3%
Union	4,270	0.3%
Jackson	4,181	0.3%
Estill	4,034	0.3%
Knott	3,988	0.3%
Caldwell	3,954	0.3%
Casey	3,915	0.3%
Webster	3,866	0.3%
Washington	3,825	0.3%
Butler	3,799	0.3%
Magoffin	3,765	0.3%
Larue	3,694	0.3%
Fleming	3,624	0.3%
Monroe	3,583	0.3%
Leslie	3,564	0.3%
Trigg	3,519	0.3%
Breathitt	3,511	0.3%

County	Cases	Percent
Green	3,470	0.3%
Carroll	3,426	0.3%
Pendleton	3,408	0.3%
Clinton	3,334	0.3%
Martin	3,201	0.3%
Todd	2,883	0.2%
Bath	2,833	0.2%
Lee	2,833	0.2%
Metcalfe	2,808	0.2%
Lyon	2,787	0.2%
McLean	2,594	0.2%
Edmonson	2,519	0.2%
Hancock	2,435	0.2%
Wolfe	2,347	0.2%
Owen	2,344	0.2%
Livingston	2,283	0.2%
Elliott	2,212	0.2%
Gallatin	2,157	0.2%
Trimble	2,129	0.2%
Cumberland	2,123	0.2%
Bracken	2,088	0.2%
Crittenden	2,047	0.2%
Nicholas	1,865	0.1%
Owsley	1,536	0.1%
Menifee	1,470	0.1%
Ballard	1,246	0.1%
Fulton	1,148	0.1%
Carlisle	963	0.1%
Hickman	817	0.1%
Robertson	619	0.0%

Total Cases
1,277,352

New Cases by County

County	Cases	Percent
Jefferson	96	14.3%
Fayette	42	6.3%
Boone	37	5.5%
Kenton	27	4.0%
Pike	22	3.3%
Campbell	19	2.8%
Perry	19	2.8%
Wayne	18	2.7%
Franklin	15	2.2%
Henderson	15	2.2%
Trigg	15	2.2%
Laurel	14	2.1%
Lawrence	14	2.1%
Daviess	13	1.9%
Knott	11	1.6%
Madison	11	1.6%
Todd	11	1.6%
Hardin	10	1.5%
Jessamine	10	1.5%
Letcher	9	1.3%
Clark	8	1.2%
Grant	8	1.2%
Magoffin	8	1.2%
Bullitt	7	1.0%
Estill	7	1.0%
Rowan	7	1.0%
Russell	7	1.0%
Shelby	7	1.0%
Greenup	6	0.9%
Knox	6	0.9%

County	Cases	Percent
Lincoln	6	0.9%
Pulaski	6	0.9%
Rockcastle	6	0.9%
Whitley	6	0.9%
Bell	5	0.7%
Breathitt	5	0.7%
Carter	5	0.7%
Leslie	5	0.7%
Oldham	5	0.7%
Taylor	5	0.7%
Warren	5	0.7%
Barren	4	0.6%
Grayson	4	0.6%
Larue	4	0.6%
McCracken	4	0.6%
Montgomery	4	0.6%
Muhlenberg	4	0.6%
Nelson	4	0.6%
Spencer	4	0.6%
Wolfe	4	0.6%
Woodford	4	0.6%
Bath	3	0.4%
Bourbon	3	0.4%
Boyd	3	0.4%
Carroll	3	0.4%
Garrard	3	0.4%
Hopkins	3	0.4%
Jackson	3	0.4%
Menifee	3	0.4%
Mercer	3	0.4%

County	Cases	Percent
Scott	3	0.4%
Allen	2	0.3%
Breckinridge	2	0.3%
Calloway	2	0.3%
Clay	2	0.3%
Harlan	2	0.3%
Harrison	2	0.3%
Livingston	2	0.3%
Logan	2	0.3%
McCreary	2	0.3%
Marshall	2	0.3%
Meade	2	0.3%
Morgan	2	0.3%
Boyle	1	0.1%
Bracken	1	0.1%
Butler	1	0.1%
Christian	1	0.1%
Crittenden	1	0.1%
Fleming	1	0.1%
Gallatin	1	0.1%
Green	1	0.1%
Hancock	1	0.1%
Johnson	1	0.1%
Lee	1	0.1%
Marion	1	0.1%
Mason	1	0.1%
Ohio	1	0.1%
Powell	1	0.1%
Simpson	1	0.1%
Union	1	0.1%

County	Cases	Percent
Washington	1	0.1%
Webster	1	0.1%
Adair	0	0.0%
Anderson	0	0.0%
Ballard	0	0.0%
Caldwell	0	0.0%
Carlisle	0	0.0%
Casey	0	0.0%
Clinton	0	0.0%
Cumberland	0	0.0%
Edmonson	0	0.0%
Elliott	0	0.0%
Floyd	0	0.0%
Fulton	0	0.0%
Graves	0	0.0%
Hart	0	0.0%
Henry	0	0.0%
Hickman	0	0.0%
Lewis	0	0.0%
Lyon	0	0.0%
McLean	0	0.0%
Martin	0	0.0%
Metcalfe	0	0.0%
Monroe	0	0.0%
Nicholas	0	0.0%
Owen	0	0.0%
Owsley	0	0.0%
Pendleton	0	0.0%
Robertson	0	0.0%
Trimble	0	0.0%

Total New Cases
671

Total Deaths by County

County	Deaths	Percent
Jefferson	2,051	14.8%
Fayette	550	4.0%
Hardin	402	2.9%
Kenton	368	2.7%
Daviess	358	2.6%
Warren	336	2.4%
Boone	262	1.9%
Pulaski	253	1.8%
Madison	248	1.8%
Pike	248	1.8%
Hopkins	243	1.8%
McCracken	225	1.6%
Barren	204	1.5%
Laurel	201	1.5%
Christian	196	1.4%
Bullitt	192	1.4%
Harlan	182	1.3%
Boyd	165	1.2%
Whitley	160	1.2%
Floyd	159	1.1%
Graves	157	1.1%
Campbell	152	1.1%
Henderson	147	1.1%
Perry	145	1.0%
Shelby	145	1.0%
Nelson	138	1.0%
Franklin	133	1.0%
Bell	129	0.9%
Jessamine	129	0.9%
Oldham	126	0.9%

County	Deaths	Percent
Greenup	125	0.9%
Knox	124	0.9%
Boyle	122	0.9%
Grayson	121	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	96	0.7%
Mason	96	0.7%
Johnson	95	0.7%
Marshall	95	0.7%
Ohio	95	0.7%
Allen	93	0.7%
Letcher	93	0.7%
Scott	93	0.7%
Hart	92	0.7%
Montgomery	87	0.6%
Wayne	86	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%
Monroe	74	0.5%
McCreary	73	0.5%
Breckinridge	71	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	62	0.4%
Harrison	62	0.4%
Lawrence	59	0.4%
Caldwell	58	0.4%
Livingston	58	0.4%
Metcalfe	58	0.4%
Knott	55	0.4%
Rockcastle	55	0.4%
Union	55	0.4%
Washington	55	0.4%
Clark	53	0.4%
Rowan	53	0.4%
Bourbon	50	0.4%
Breathitt	50	0.4%
Grant	50	0.4%
Spencer	50	0.4%
Butler	49	0.4%
Fleming	47	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%
Crittenden	44	0.3%

County	Deaths	Percent
Woodford	44	0.3%
Carroll	42	0.3%
Clinton	42	0.3%
Estill	42	0.3%
Todd	42	0.3%
Trigg	41	0.3%
Magoffin	40	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	23	0.2%
Hickman	23	0.2%
Owsley	23	0.2%
Hancock	21	0.2%
Robertson	21	0.2%
Carlisle	18	0.1%
Wolfe	18	0.1%
Morgan	17	0.1%
Elliott	16	0.1%

Total Deaths
13,856

Incidence Rates by County

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

County	Rate
Wolfe	161.7
Perry	153.1
Menifee	118.9
Leslie	105.6
Robertson	88.1
Lawrence	84.9
Knott	80.1
Letcher	76.9
Wayne	76.6
Owsley	74.4
Crittenden	73.0
Martin	72.7
Breathitt	71.3
Morgan	69.8
Bath	69.7
Magoffin	69.3
McCreary	68.8
Jackson	66.5
Lee	65.6
Floyd	63.0
Clay	56.7
Anderson	55.9
Montgomery	55.8
Elliott	53.2
Russell	52.6
Harlan	52.2
Whitley	51.2
Adair	49.8
Rowan	49.6
Carter	49.6

County	Rate
Rockcastle	48.8
Lewis	43.0
Boyd	42.8
Powell	42.8
Knox	41.7
Greenup	40.7
Estill	40.5
Pike	39.7
Pulaski	38.9
Casey	38.9
Laurel	37.4
Bourbon	36.1
Woodford	35.3
Clinton	35.0
Bell	34.6
Clark	34.3
Taylor	33.8
Madison	32.7
Fleming	32.3
Johnson	32.2
Garrard	31.5
Caldwell	31.4
Webster	30.9
Green	30.0
Hopkins	29.1
Grayson	28.7
Union	26.8
Fayette	25.9
Barren	25.5
Jefferson	25.4

County	Rate
Monroe	24.1
Mercer	24.1
Jessamine	24.0
Nicholas	23.6
Lincoln	23.3
Spencer	22.9
Carroll	22.8
Metcalfe	22.7
Lyon	22.6
Scott	22.3
Marion	22.2
Muhlenberg	21.9
Cumberland	21.6
Hardin	21.2
Butler	21.1
Shelby	20.4
Oldham	20.3
Daviess	20.3
Breckinridge	20.2
Washington	20.1
Larue	19.8
Marshall	19.8
Allen	19.4
Nelson	19.2
Christian	19.1
Harrison	17.4
Owen	17.0
Simpson	16.9
Boyle	16.6
Trigg	16.6

County	Rate
Hart	16.5
Hancock	16.4
Henderson	15.5
Franklin	15.1
Grant	14.2
Logan	14.2
Mason	14.2
Henry	14.2
McCracken	13.8
Hickman	13.0
McLean	12.4
Carlisle	12.0
Ohio	11.9
Trimble	11.8
Calloway	11.7
Bullitt	11.7
Warren	11.4
Bracken	10.3
Pendleton	9.8
Campbell	9.8
Kenton	9.7
Gallatin	9.7
Fulton	9.6
Boone	9.4
Edmonson	9.4
Livingston	9.3
Ballard	9.1
Graves	8.8
Meade	8.0
Todd	4.6

Current Overall Incidence Rate
27.79 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.