

# KY COVID-19 Report

## 17FEB22

### Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,254,101	867,616	386,485
Deaths	13,519	11,833	1,686
New Cases	4,867	2,349	2,518
New Cases 18 and Under	1,278	477	801
Total New Deaths	37	36	1

Duplicates and records not meeting case criteria removed since last report: 32

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
104,564	8.3%	0-9	0.0%	2
175,252	14.0%	10-19	0.1%	10
214,448	17.1%	20-29	0.4%	59
199,282	15.9%	30-39	1.4%	188
179,942	14.3%	40-49	3.9%	527
162,086	12.9%	50-59	9.9%	1,345
117,464	9.4%	60-69	20.4%	2,757
65,572	5.2%	70-79	27.1%	3,669
35,236	2.8%	80+	36.7%	4,962
255	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,390	0.4%	American Indian	0.1%	17
10,030	1.0%	Asian	0.4%	57
82,204	7.9%	Black	6.9%	894
418	0.0%	Pacific Islander	0.1%	9
894,770	85.8%	White	89.7%	11,602
50,890	4.9%	Multiracial	2.8%	360

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
43,900	4.5%	Hispanic	1.5%	195
929,051	95.5%	Non-Hispanic	98.5%	12,414

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 83.1% 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
13,949	91,803	15.19%

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
13,292,704	9,414,089	413,225	3,151,210	1,507,713	1,024,986	56,938	425,789

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	38,984	3.11%
Ever ICU	7,198	0.57%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,634
ICU	302
On Ventilator	148

## Current Overall Capacity \*

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,738	5,344	59.1%
ICU Beds	1,191	237	83.4%
Ventilators	582	1,331	30.4%

\* 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	91	22	8	11.7%	25.6%	8.8%	58.12%	82.56%	23.08%
Region 2	104	20	9	13.3%	24.4%	10.5%	61.10%	75.61%	22.09%
Region 3	462	76	36	12.4%	19.6%	8.0%	63.06%	81.70%	34.22%
Region 4	82	16	8	9.9%	19.5%	6.5%	55.57%	96.34%	18.70%
Region 5	331	74	46	11.7%	20.6%	8.1%	59.96%	88.02%	40.71%
Region 6	93	9	4	7.8%	12.2%	3.2%	57.95%	91.89%	30.65%
Region 7	88	12	7	13.7%	14.8%	5.4%	60.25%	45.68%	9.30%
Region 8	205	40	18	17.3%	32.0%	10.6%	55.65%	92.80%	31.18%
Region 9	146	23	11	22.5%	23.7%	10.7%	52.70%	77.32%	21.36%
Region 10	32	10	1	6.6%	18.5%	1.4%	47.62%	92.59%	13.89%

\* 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 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

### Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

### Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

### Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

### Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

### Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

### Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

### Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

### Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

## Total Cases by County

County	Cases	Percent
Jefferson	216,162	17.2%
Fayette	91,131	7.3%
Warren	42,200	3.4%
Kenton	40,196	3.2%
Boone	35,585	2.8%
Hardin	31,847	2.5%
Daviess	30,454	2.4%
Madison	26,963	2.1%
Campbell	21,916	1.7%
Bullitt	20,659	1.6%
Laurel	17,750	1.4%
Oldham	17,711	1.4%
McCracken	17,516	1.4%
Pike	17,047	1.4%
Boyd	15,627	1.2%
Scott	15,385	1.2%
Christian	15,324	1.2%
Pulaski	15,194	1.2%
Jessamine	14,729	1.2%
Hopkins	14,331	1.1%
Nelson	14,138	1.1%
Whitley	13,443	1.1%
Henderson	13,377	1.1%
Shelby	12,904	1.0%
Franklin	12,783	1.0%
Barren	12,435	1.0%
Floyd	11,810	0.9%
Greenup	11,554	0.9%
Graves	11,242	0.9%
Knox	11,062	0.9%

County	Cases	Percent
Muhlenberg	9,954	0.8%
Perry	9,809	0.8%
Clark	9,547	0.8%
Harlan	8,813	0.7%
Bell	8,609	0.7%
Taylor	8,440	0.7%
Marshall	8,221	0.7%
Boyle	8,189	0.7%
Carter	8,175	0.7%
Logan	8,166	0.7%
Calloway	7,838	0.6%
Grayson	7,778	0.6%
Clay	7,510	0.6%
Ohio	7,183	0.6%
Mercer	7,144	0.6%
Woodford	6,577	0.5%
Grant	6,562	0.5%
Letcher	6,484	0.5%
Allen	6,440	0.5%
Montgomery	6,346	0.5%
Marion	6,266	0.5%
Rowan	6,162	0.5%
Lincoln	6,042	0.5%
Harrison	5,996	0.5%
Anderson	5,994	0.5%
Russell	5,974	0.5%
Bourbon	5,779	0.5%
Johnson	5,711	0.5%
Meade	5,661	0.5%
Simpson	5,526	0.4%

County	Cases	Percent
Hart	5,270	0.4%
Adair	5,266	0.4%
Spencer	5,179	0.4%
Breckinridge	4,914	0.4%
Rockcastle	4,885	0.4%
McCreary	4,853	0.4%
Wayne	4,790	0.4%
Henry	4,691	0.4%
Garrard	4,616	0.4%
Powell	4,559	0.4%
Mason	4,448	0.4%
Lewis	4,331	0.3%
Morgan	4,324	0.3%
Lawrence	4,288	0.3%
Union	4,200	0.3%
Jackson	4,078	0.3%
Estill	3,935	0.3%
Caldwell	3,876	0.3%
Knott	3,818	0.3%
Webster	3,811	0.3%
Casey	3,802	0.3%
Washington	3,763	0.3%
Butler	3,675	0.3%
Magoffin	3,655	0.3%
Larue	3,639	0.3%
Monroe	3,549	0.3%
Fleming	3,534	0.3%
Leslie	3,420	0.3%
Green	3,404	0.3%
Trigg	3,401	0.3%

County	Cases	Percent
Carroll	3,391	0.3%
Pendleton	3,374	0.3%
Breathitt	3,354	0.3%
Clinton	3,260	0.3%
Martin	3,076	0.2%
Todd	2,850	0.2%
Metcalfe	2,745	0.2%
Lyon	2,735	0.2%
Bath	2,693	0.2%
Lee	2,662	0.2%
McLean	2,581	0.2%
Edmonson	2,492	0.2%
Hancock	2,414	0.2%
Owen	2,322	0.2%
Wolfe	2,207	0.2%
Livingston	2,202	0.2%
Gallatin	2,146	0.2%
Trimble	2,116	0.2%
Cumberland	2,087	0.2%
Elliott	2,079	0.2%
Bracken	2,066	0.2%
Crittenden	1,974	0.2%
Nicholas	1,824	0.1%
Owsley	1,478	0.1%
Menifee	1,345	0.1%
Ballard	1,231	0.1%
Fulton	1,136	0.1%
Carlisle	947	0.1%
Hickman	809	0.1%
Robertson	596	0.0%

Total Cases  
1,254,101

## New Cases by County

County	Cases	Percent
Jefferson	1,219	25.0%
Fayette	444	9.1%
Christian	169	3.5%
Pike	148	3.0%
Kenton	109	2.2%
Pulaski	101	2.1%
Madison	86	1.8%
Perry	79	1.6%
Laurel	78	1.6%
Warren	72	1.5%
Whitley	72	1.5%
Daviess	71	1.5%
Montgomery	70	1.4%
Floyd	69	1.4%
Boone	65	1.3%
Hardin	57	1.2%
Henderson	56	1.2%
Letcher	52	1.1%
Boyd	49	1.0%
Hopkins	49	1.0%
Scott	47	1.0%
Carter	45	0.9%
Bell	41	0.8%
Barren	40	0.8%
Greenup	40	0.8%
Taylor	40	0.8%
Knox	39	0.8%
Bullitt	37	0.8%
Harlan	37	0.8%
Oldham	34	0.7%

County	Cases	Percent
Campbell	32	0.7%
Clark	32	0.7%
Boyle	31	0.6%
Estill	31	0.6%
McCreary	31	0.6%
Breathitt	30	0.6%
Franklin	29	0.6%
Grayson	29	0.6%
Clay	28	0.6%
Morgan	28	0.6%
Nelson	28	0.6%
McCracken	26	0.5%
Jessamine	25	0.5%
Lee	25	0.5%
Wolfe	25	0.5%
Jackson	24	0.5%
Shelby	24	0.5%
Simpson	24	0.5%
Casey	23	0.5%
Grant	23	0.5%
Knott	22	0.5%
Russell	22	0.5%
Adair	21	0.4%
Bourbon	21	0.4%
Lincoln	21	0.4%
Rowan	21	0.4%
Magoffin	20	0.4%
Rockcastle	20	0.4%
Lawrence	19	0.4%
Leslie	19	0.4%

County	Cases	Percent
Logan	19	0.4%
Wayne	19	0.4%
Allen	18	0.4%
Butler	18	0.4%
Harrison	18	0.4%
Mercer	18	0.4%
Caldwell	17	0.3%
Elliott	17	0.3%
Edmonson	16	0.3%
Green	16	0.3%
Muhlenberg	16	0.3%
Calloway	15	0.3%
Garrard	15	0.3%
Henry	15	0.3%
Martin	15	0.3%
Trigg	15	0.3%
Union	15	0.3%
Woodford	15	0.3%
Fleming	14	0.3%
Larue	13	0.3%
Webster	13	0.3%
Johnson	12	0.2%
Meade	12	0.2%
Lewis	11	0.2%
Marion	11	0.2%
Marshall	11	0.2%
Owsley	11	0.2%
Washington	11	0.2%
Bath	10	0.2%
Clinton	10	0.2%

County	Cases	Percent
Graves	10	0.2%
Hart	10	0.2%
Ohio	10	0.2%
Carroll	9	0.2%
Livingston	9	0.2%
Powell	9	0.2%
Breckinridge	8	0.2%
Mason	8	0.2%
Metcalfe	8	0.2%
Monroe	8	0.2%
Spencer	8	0.2%
Todd	8	0.2%
Nicholas	7	0.1%
Hancock	6	0.1%
Menifee	6	0.1%
Anderson	5	0.1%
Cumberland	5	0.1%
Ballard	4	0.1%
McLean	4	0.1%
Bracken	3	0.1%
Carlisle	3	0.1%
Owen	3	0.1%
Crittenden	2	0.0%
Lyon	2	0.0%
Pendleton	2	0.0%
Trimble	2	0.0%
Gallatin	1	0.0%
Robertson	1	0.0%
Fulton	0	0.0%
Hickman	0	0.0%

Total New Cases  
4,867

Total Deaths by County

County	Deaths	Percent
Jefferson	1,993	14.7%
Fayette	538	4.0%
Hardin	394	2.9%
Kenton	364	2.7%
Daviess	354	2.6%
Warren	326	2.4%
Boone	260	1.9%
Pulaski	252	1.9%
Madison	245	1.8%
Pike	242	1.8%
Hopkins	238	1.8%
McCracken	218	1.6%
Barren	198	1.5%
Laurel	198	1.5%
Christian	192	1.4%
Bullitt	181	1.3%
Harlan	174	1.3%
Floyd	157	1.2%
Boyd	156	1.2%
Whitley	155	1.1%
Graves	154	1.1%
Campbell	148	1.1%
Henderson	144	1.1%
Shelby	144	1.1%
Perry	143	1.1%
Nelson	132	1.0%
Franklin	130	1.0%
Bell	127	0.9%
Jessamine	125	0.9%
Oldham	124	0.9%

County	Deaths	Percent
Knox	122	0.9%
Boyle	120	0.9%
Greenup	118	0.9%
Lincoln	118	0.9%
Grayson	117	0.9%
Muhlenberg	114	0.8%
Taylor	111	0.8%
Logan	110	0.8%
Mercer	99	0.7%
Adair	96	0.7%
Carter	96	0.7%
Ohio	95	0.7%
Marshall	93	0.7%
Mason	93	0.7%
Allen	92	0.7%
Hart	90	0.7%
Letcher	90	0.7%
Scott	90	0.7%
Montgomery	87	0.6%
Johnson	86	0.6%
Wayne	86	0.6%
Calloway	80	0.6%
Simpson	79	0.6%
Lewis	78	0.6%
Russell	77	0.6%
Clay	76	0.6%
McCreary	73	0.5%
Marion	73	0.5%
Jackson	71	0.5%
Monroe	70	0.5%

County	Deaths	Percent
Garrard	67	0.5%
Casey	66	0.5%
Breckinridge	65	0.5%
Larue	65	0.5%
Harrison	62	0.5%
Meade	62	0.5%
Anderson	60	0.4%
Caldwell	58	0.4%
Lawrence	57	0.4%
Livingston	57	0.4%
Metcalfe	57	0.4%
Knott	55	0.4%
Washington	55	0.4%
Union	54	0.4%
Rowan	52	0.4%
Clark	51	0.4%
Rockcastle	51	0.4%
Breathitt	50	0.4%
Bourbon	49	0.4%
Butler	49	0.4%
Grant	48	0.4%
Spencer	48	0.4%
Henry	46	0.3%
Lee	46	0.3%
McLean	46	0.3%
Webster	46	0.3%
Gallatin	45	0.3%
Fleming	44	0.3%
Martin	44	0.3%
Crittenden	42	0.3%

County	Deaths	Percent
Todd	42	0.3%
Woodford	42	0.3%
Clinton	41	0.3%
Estill	41	0.3%
Trigg	41	0.3%
Carroll	40	0.3%
Leslie	39	0.3%
Edmonson	38	0.3%
Magoffin	38	0.3%
Bath	37	0.3%
Green	37	0.3%
Trimble	35	0.3%
Lyon	33	0.2%
Pendleton	33	0.2%
Powell	33	0.2%
Owen	32	0.2%
Menifee	30	0.2%
Nicholas	29	0.2%
Ballard	27	0.2%
Cumberland	27	0.2%
Bracken	23	0.2%
Fulton	23	0.2%
Owsley	23	0.2%
Hickman	22	0.2%
Robertson	21	0.2%
Hancock	20	0.1%
Carlisle	18	0.1%
Wolfe	18	0.1%
Morgan	17	0.1%
Elliott	16	0.1%

Total Deaths  
13,519

## Incidence Rates by County

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

County	Rate
Lee	260.5
Perry	200.2
Floyd	179.8
Leslie	157.7
Carter	143.4
Owsley	135.9
Breathitt	135.7
Taylor	128.6
Letcher	126.6
Bell	125.1
Knott	124.5
Estill	123.6
Clay	122.8
Wolfe	121.8
Whitley	120.5
Russell	120.4
Lawrence	119.4
Elliott	108.3
Knox	107.3
Jefferson	106.2
Martin	104.6
Bath	104.0
Powell	101.7
Magoffin	101.0
Jackson	100.7
Rockcastle	97.5
Adair	95.2
Green	94.0
Boyd	93.9
Montgomery	92.8

County	Rate
Casey	92.8
McCreary	91.2
Harlan	86.2
Barren	84.3
Greenup	83.0
Lewis	80.7
Rowan	80.6
Morgan	80.5
Metcalfe	75.2
Menifee	74.9
Laurel	73.8
Clinton	72.7
Hopkins	72.3
Cumberland	71.3
Washington	70.9
Madison	70.7
Wayne	68.2
Robertson	67.8
Fleming	64.7
Larue	64.5
Pike	64.4
Grayson	64.3
Clark	64.2
Mercer	63.8
Monroe	63.0
Logan	61.1
Allen	60.3
Butler	59.9
Garrard	59.8
Pulaski	58.0

County	Rate
Bourbon	57.8
Edmonson	56.4
Harrison	56.0
Woodford	55.0
Marion	54.9
Johnson	54.1
Nelson	52.2
Anderson	52.1
Lincoln	51.8
Hardin	51.8
Daviess	50.5
Webster	48.6
Carroll	48.4
Simpson	47.7
Hart	47.3
Jessamine	47.3
Caldwell	47.1
Muhlenberg	46.7
Ohio	45.2
McLean	45.0
Trimble	43.8
Shelby	43.7
Warren	43.6
Scott	43.6
Hancock	42.6
Union	40.7
Franklin	40.3
Henry	39.9
Breckinridge	39.8
Trigg	39.0

County	Rate
Spencer	37.7
Oldham	37.4
Nicholas	37.3
Livingston	37.3
Fayette	36.7
Boyle	36.1
Christian	36.1
Henderson	35.1
Bullitt	34.5
Bracken	34.4
Marshall	33.1
Meade	30.0
Mason	29.3
McCracken	28.6
Graves	28.0
Grant	27.9
Lyon	27.8
Calloway	26.7
Gallatin	24.2
Pendleton	22.5
Owen	22.3
Todd	22.1
Fulton	21.5
Carlisle	21.0
Campbell	20.0
Crittenden	19.5
Kenton	16.7
Boone	15.8
Ballard	14.5
Hickman	13.0

Current Overall Incidence Rate  
65.24 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.