

# KY COVID-19 Report

## 16FEB22

### Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,249,266	865,317	383,949
Deaths	13,482	11,797	1,685
New Cases	5,166	2,547	2,619
New Cases 18 and Under	1,373	534	839
Total New Deaths	32	23	9

Duplicates and records not meeting case criteria removed since last report: 39

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
103,946	8.3%	0-9	0.0%	2
174,529	14.0%	10-19	0.1%	10
213,767	17.1%	20-29	0.4%	59
198,555	15.9%	30-39	1.4%	188
179,322	14.4%	40-49	3.9%	526
161,509	12.9%	50-59	9.9%	1,340
116,968	9.4%	60-69	20.4%	2,748
65,330	5.2%	70-79	27.1%	3,659
35,085	2.8%	80+	36.7%	4,950
255	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,374	0.4%	American Indian	0.1%	17
9,983	1.0%	Asian	0.4%	57
81,769	7.9%	Black	6.9%	893
417	0.0%	Pacific Islander	0.1%	9
891,076	85.8%	White	89.6%	11,567
50,759	4.9%	Multiracial	2.8%	360

Cases	Case Percent	Ethnicity	Death Percent	Deaths
43,738	4.5%	Hispanic	1.6%	195
925,643	95.5%	Non-Hispanic	98.4%	12,378

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
15,210	93,921	16.19%

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
13,258,865	9,394,970	413,021	3,137,118	1,501,766	1,022,214	56,869	422,683

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	38,783	3.10%
Ever ICU	7,182	0.57%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,689
ICU	316
On Ventilator	155

## Current Overall Capacity\*

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,535	5,539	57.6%
ICU Beds	1,171	254	82.2%
Ventilators	590	1,328	30.8%

\* 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	92	20	6	11.7%	21.5%	6.2%	53.51%	82.80%	24.74%
Region 2	119	20	10	15.2%	25.0%	11.6%	62.40%	80.00%	22.09%
Region 3	463	76	44	12.4%	19.9%	9.8%	59.37%	80.63%	37.56%
Region 4	94	18	11	11.3%	20.7%	8.9%	57.88%	95.40%	18.70%
Region 5	333	78	42	11.9%	22.2%	7.4%	58.82%	86.32%	40.00%
Region 6	102	12	2	8.6%	15.8%	1.6%	56.17%	88.16%	26.61%
Region 7	99	13	7	15.4%	16.3%	5.4%	62.67%	41.25%	10.08%
Region 8	201	45	22	16.9%	36.0%	13.0%	54.72%	93.60%	28.99%
Region 9	154	26	10	23.7%	26.8%	9.7%	52.85%	76.29%	23.30%
Region 10	32	8	1	6.6%	14.8%	1.4%	46.38%	83.33%	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 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	214,945	17.2%
Fayette	90,694	7.3%
Warren	42,129	3.4%
Kenton	40,086	3.2%
Boone	35,520	2.8%
Hardin	31,789	2.5%
Daviess	30,385	2.4%
Madison	26,882	2.2%
Campbell	21,885	1.8%
Bullitt	20,625	1.7%
Oldham	17,684	1.4%
Laurel	17,671	1.4%
McCracken	17,491	1.4%
Pike	16,900	1.4%
Boyd	15,577	1.2%
Scott	15,336	1.2%
Christian	15,154	1.2%
Pulaski	15,093	1.2%
Jessamine	14,707	1.2%
Hopkins	14,286	1.1%
Nelson	14,111	1.1%
Whitley	13,381	1.1%
Henderson	13,325	1.1%
Shelby	12,880	1.0%
Franklin	12,755	1.0%
Barren	12,395	1.0%
Floyd	11,741	0.9%
Greenup	11,514	0.9%
Graves	11,230	0.9%
Knox	11,013	0.9%

County	Cases	Percent
Muhlenberg	9,939	0.8%
Perry	9,730	0.8%
Clark	9,519	0.8%
Harlan	8,777	0.7%
Bell	8,569	0.7%
Taylor	8,399	0.7%
Marshall	8,210	0.7%
Boyle	8,158	0.7%
Logan	8,146	0.7%
Carter	8,131	0.7%
Calloway	7,823	0.6%
Grayson	7,753	0.6%
Clay	7,482	0.6%
Ohio	7,176	0.6%
Mercer	7,126	0.6%
Woodford	6,563	0.5%
Grant	6,540	0.5%
Letcher	6,434	0.5%
Allen	6,422	0.5%
Montgomery	6,276	0.5%
Marion	6,256	0.5%
Rowan	6,141	0.5%
Lincoln	6,020	0.5%
Anderson	5,988	0.5%
Harrison	5,977	0.5%
Russell	5,952	0.5%
Bourbon	5,758	0.5%
Johnson	5,698	0.5%
Meade	5,649	0.5%
Simpson	5,502	0.4%

County	Cases	Percent
Hart	5,259	0.4%
Adair	5,246	0.4%
Spencer	5,171	0.4%
Breckinridge	4,902	0.4%
Rockcastle	4,865	0.4%
McCreary	4,822	0.4%
Wayne	4,771	0.4%
Henry	4,676	0.4%
Garrard	4,598	0.4%
Powell	4,549	0.4%
Mason	4,440	0.4%
Lewis	4,320	0.3%
Morgan	4,296	0.3%
Lawrence	4,269	0.3%
Union	4,185	0.3%
Jackson	4,054	0.3%
Estill	3,904	0.3%
Caldwell	3,856	0.3%
Webster	3,799	0.3%
Knott	3,797	0.3%
Casey	3,779	0.3%
Washington	3,752	0.3%
Butler	3,656	0.3%
Magoffin	3,636	0.3%
Larue	3,627	0.3%
Monroe	3,540	0.3%
Fleming	3,520	0.3%
Leslie	3,401	0.3%
Green	3,387	0.3%
Trigg	3,387	0.3%

County	Cases	Percent
Carroll	3,381	0.3%
Pendleton	3,372	0.3%
Breathitt	3,322	0.3%
Clinton	3,250	0.3%
Martin	3,061	0.2%
Todd	2,842	0.2%
Metcalfe	2,738	0.2%
Lyon	2,733	0.2%
Bath	2,682	0.2%
Lee	2,634	0.2%
McLean	2,578	0.2%
Edmonson	2,473	0.2%
Hancock	2,408	0.2%
Owen	2,319	0.2%
Livingston	2,193	0.2%
Wolfe	2,183	0.2%
Gallatin	2,145	0.2%
Trimble	2,113	0.2%
Cumberland	2,082	0.2%
Bracken	2,063	0.2%
Elliott	2,062	0.2%
Crittenden	1,972	0.2%
Nicholas	1,816	0.1%
Owsley	1,467	0.1%
Menifee	1,339	0.1%
Ballard	1,227	0.1%
Fulton	1,137	0.1%
Carlisle	944	0.1%
Hickman	809	0.1%
Robertson	595	0.0%

Total Cases  
1,249,266

## New Cases by County

County	Cases	Percent
Jefferson	1,238	24.0%
Fayette	405	7.8%
Christian	176	3.4%
Floyd	141	2.7%
Warren	114	2.2%
Pike	113	2.2%
Perry	90	1.7%
Laurel	89	1.7%
Lee	86	1.7%
Daviess	83	1.6%
Boyd	80	1.5%
Hardin	74	1.4%
Whitley	70	1.4%
Clark	63	1.2%
Grayson	61	1.2%
Oldham	59	1.1%
Pulaski	55	1.1%
Carter	54	1.0%
Knox	51	1.0%
Madison	50	1.0%
Barren	49	0.9%
Hopkins	49	0.9%
Campbell	48	0.9%
Kenton	48	0.9%
Russell	46	0.9%
Boone	45	0.9%
Butler	45	0.9%
Henderson	45	0.9%
Wayne	44	0.9%
Greenup	43	0.8%

County	Cases	Percent
Letcher	39	0.8%
Taylor	38	0.7%
Shelby	37	0.7%
Adair	36	0.7%
Leslie	36	0.7%
Nelson	35	0.7%
Scott	35	0.7%
Bell	34	0.7%
Fleming	34	0.7%
Franklin	34	0.7%
Morgan	34	0.7%
Clay	32	0.6%
McCracken	31	0.6%
Bullitt	30	0.6%
Lincoln	30	0.6%
Harlan	29	0.6%
Jessamine	29	0.6%
Rowan	29	0.6%
Elliott	28	0.5%
Johnson	28	0.5%
Anderson	27	0.5%
Breathitt	26	0.5%
Estill	26	0.5%
Lawrence	26	0.5%
McCreary	26	0.5%
Logan	25	0.5%
Hart	24	0.5%
Montgomery	24	0.5%
Mercer	23	0.4%
Simpson	23	0.4%

County	Cases	Percent
Woodford	23	0.4%
Bourbon	21	0.4%
Casey	21	0.4%
Bath	20	0.4%
Knott	20	0.4%
Rockcastle	20	0.4%
Boyle	19	0.4%
Jackson	19	0.4%
Lewis	19	0.4%
Graves	18	0.3%
Green	18	0.3%
Marshall	17	0.3%
Mason	16	0.3%
Muhlenberg	16	0.3%
Powell	16	0.3%
Washington	16	0.3%
Webster	16	0.3%
Calloway	15	0.3%
Harrison	15	0.3%
Edmonson	14	0.3%
Monroe	14	0.3%
Todd	14	0.3%
Larue	12	0.2%
Magoffin	12	0.2%
Ohio	12	0.2%
Allen	11	0.2%
Martin	11	0.2%
Clinton	10	0.2%
Marion	10	0.2%
Metcalfe	10	0.2%

County	Cases	Percent
Spencer	10	0.2%
Union	10	0.2%
Wolfe	10	0.2%
Grant	9	0.2%
Henry	9	0.2%
Trigg	9	0.2%
Lyon	8	0.2%
Menifee	8	0.2%
Breckinridge	7	0.1%
Caldwell	7	0.1%
Garrard	7	0.1%
Hancock	7	0.1%
Livingston	7	0.1%
Meade	7	0.1%
Owsley	7	0.1%
McLean	5	0.1%
Pendleton	5	0.1%
Trimble	5	0.1%
Carroll	4	0.1%
Crittenden	4	0.1%
Cumberland	4	0.1%
Gallatin	4	0.1%
Nicholas	4	0.1%
Owen	3	0.1%
Ballard	2	0.0%
Bracken	2	0.0%
Carlisle	2	0.0%
Fulton	1	0.0%
Hickman	1	0.0%
Robertson	1	0.0%

Total New Cases  
5,166

Total Deaths by County

County	Deaths	Percent
Jefferson	1,988	14.7%
Fayette	538	4.0%
Hardin	394	2.9%
Kenton	363	2.7%
Daviess	354	2.6%
Warren	326	2.4%
Boone	260	1.9%
Pulaski	252	1.9%
Pike	242	1.8%
Madison	241	1.8%
Hopkins	237	1.8%
McCracken	218	1.6%
Barren	198	1.5%
Laurel	198	1.5%
Christian	192	1.4%
Bullitt	180	1.3%
Harlan	174	1.3%
Floyd	157	1.2%
Boyd	156	1.2%
Graves	154	1.1%
Whitley	150	1.1%
Campbell	148	1.1%
Henderson	144	1.1%
Perry	143	1.1%
Shelby	142	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	112	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	89	0.7%
Montgomery	87	0.6%
Johnson	86	0.6%
Wayne	86	0.6%
Simpson	79	0.6%
Lewis	78	0.6%
Russell	77	0.6%
Clay	75	0.6%
Calloway	74	0.5%
McCreary	73	0.5%
Marion	73	0.5%
Monroe	70	0.5%
Jackson	69	0.5%

County	Deaths	Percent
Garrard	67	0.5%
Casey	66	0.5%
Breckinridge	65	0.5%
Larue	65	0.5%
Meade	62	0.5%
Harrison	61	0.5%
Anderson	60	0.4%
Caldwell	58	0.4%
Metcalfe	57	0.4%
Lawrence	56	0.4%
Livingston	56	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%
Spencer	48	0.4%
Grant	47	0.3%
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%
Todd	42	0.3%

County	Deaths	Percent
Woodford	42	0.3%
Clinton	41	0.3%
Crittenden	41	0.3%
Estill	41	0.3%
Carroll	40	0.3%
Trigg	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  
13,482

## Incidence Rates by County

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

County	Rate
Lee	287.5
Perry	203.5
Floyd	183.8
Leslie	172.1
Owsley	161.8
Letcher	147.1
Carter	144.5
Knott	138.0
Taylor	134.2
Estill	132.7
Whitley	131.6
Clay	129.2
Lawrence	128.7
Bell	128.4
Russell	128.3
Breathitt	122.2
Powell	120.2
Wolfe	117.8
Elliott	112.1
Rockcastle	112.1
Knox	110.5
Martin	109.7
Jackson	107.2
Jefferson	105.4
Magoffin	104.5
Bath	102.9
Harlan	101.1
Adair	99.7
Lewis	97.9
Boyd	96.3

County	Rate
Hopkins	93.7
Wayne	93.4
Cumberland	92.9
Casey	91.9
Montgomery	90.8
Metcalfe	89.4
Rowan	88.2
Madison	88.2
Green	87.5
Barren	84.9
Morgan	84.8
Washington	83.9
McCreary	83.7
Menifee	81.5
Greenup	81.4
Fleming	78.4
Laurel	75.6
Clinton	75.5
Bourbon	73.6
Mercer	73.6
Grayson	73.5
Harrison	71.9
Clark	71.7
Logan	71.7
Robertson	67.8
Marion	66.0
Monroe	65.7
Larue	65.5
Pike	65.2
Allen	62.3

County	Rate
Butler	62.1
Woodford	62.0
Johnson	59.9
Garrard	59.8
Anderson	59.0
Hart	58.5
Nelson	58.1
Lincoln	57.6
Hardin	57.6
Jessamine	57.0
Muhlenberg	56.9
Scott	55.6
McLean	54.3
Edmonson	54.1
Hancock	54.1
Daviess	54.0
Franklin	53.5
Pulaski	52.5
Ohio	52.4
Christian	51.5
Shelby	51.3
Trimble	50.6
Simpson	49.2
Warren	48.6
Webster	48.6
Breckinridge	47.4
Carroll	47.0
Oldham	46.0
Livingston	45.1
Spencer	43.6

County	Rate
Union	42.7
Fayette	41.0
Caldwell	40.3
Meade	39.0
Marshall	37.7
Mason	37.7
Nicholas	37.3
Bullitt	37.1
Graves	36.8
Boyle	36.6
Henry	36.3
Trigg	35.1
Henderson	35.1
McCracken	34.3
Lyon	33.1
Bracken	32.7
Calloway	32.6
Owen	28.8
Fulton	28.7
Pendleton	26.4
Crittenden	26.0
Gallatin	25.8
Todd	23.2
Campbell	23.1
Grant	21.1
Ballard	19.9
Kenton	18.5
Boone	17.0
Hickman	16.3
Carlisle	12.0

Current Overall Incidence Rate  
69.78 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.