

# KY COVID-19 Report

## 30JAN22

### Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,155,618	808,666	346,952
Deaths	12,946	11,342	1,604
New Cases	5,821	4,146	1,675
New Cases 18 and Under	1,393	899	494
Total New Deaths	25	21	4

Duplicates and records not meeting case criteria removed since last report: 116

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
92,534	8.0%	0-9	0.0%	2
161,023	13.9%	10-19	0.1%	9
200,152	17.3%	20-29	0.4%	56
184,081	15.9%	30-39	1.4%	176
166,588	14.4%	40-49	3.9%	504
149,875	13.0%	50-59	9.9%	1,285
108,236	9.4%	60-69	20.2%	2,619
60,427	5.2%	70-79	27.0%	3,498
32,453	2.8%	80+	37.1%	4,797
249	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,039	0.4%	American Indian	0.1%	16
9,271	1.0%	Asian	0.4%	54
76,912	8.0%	Black	7.0%	868
408	0.0%	Pacific Islander	0.1%	8
822,656	85.6%	White	89.6%	11,098
47,733	5.0%	Multiracial	2.8%	341

Cases	Case Percent	Ethnicity	Death Percent	Deaths
41,296	4.6%	Hispanic	1.5%	186
858,720	95.4%	Non-Hispanic	98.5%	11,888

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 83.2% of cases and 95.7% of deaths  
Ethnicity known for 77.9% of cases and 93.3% of deaths

### Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
49,163	169,720	28.97%

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
12,720,287	9,102,830	410,792	2,901,196	1,394,958	958,380	56,233	380,345

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	36,976	3.20%
Ever ICU	6,960	0.60%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,454
ICU	458
On Ventilator	238

## Current Overall Capacity<sup>\*</sup>

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,410	5,655	56.7%
ICU Beds	1,224	198	86.1%
Ventilators	658	1,253	34.4%

\* 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<sup>\*</sup>

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	155	39	20	19.9%	43.8%	20.8%	54.30%	93.26%	40.63%
Region 2	153	31	14	19.6%	39.7%	16.3%	62.69%	89.74%	31.40%
Region 3	777	133	76	20.8%	33.8%	16.9%	59.36%	82.95%	38.36%
Region 4	138	28	14	16.6%	32.6%	11.2%	53.49%	98.84%	19.20%
Region 5	453	103	56	16.2%	29.3%	9.9%	58.69%	88.60%	39.58%
Region 6	246	28	19	20.7%	37.8%	15.3%	58.37%	100.00%	42.74%
Region 7	117	15	7	18.2%	18.5%	5.4%	52.95%	44.44%	13.18%
Region 8	197	38	16	16.7%	31.9%	9.7%	51.44%	94.96%	30.91%
Region 9	155	29	11	23.9%	29.9%	10.8%	52.39%	81.44%	26.47%
Region 10	63	14	5	13.0%	25.9%	7.5%	44.31%	87.04%	34.33%

\* 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	199,982	17.3%
Fayette	85,292	7.4%
Warren	39,384	3.4%
Kenton	38,576	3.3%
Boone	34,082	2.9%
Hardin	29,708	2.6%
Daviess	28,646	2.5%
Madison	24,651	2.1%
Campbell	20,900	1.8%
Bullitt	19,637	1.7%
Oldham	16,671	1.4%
McCracken	16,650	1.4%
Laurel	16,193	1.4%
Pike	15,211	1.3%
Boyd	14,131	1.2%
Pulaski	14,072	1.2%
Scott	14,005	1.2%
Jessamine	13,745	1.2%
Christian	13,744	1.2%
Nelson	13,221	1.1%
Hopkins	13,127	1.1%
Henderson	12,490	1.1%
Whitley	12,209	1.1%
Shelby	11,973	1.0%
Franklin	11,772	1.0%
Barren	11,442	1.0%
Greenup	10,574	0.9%
Graves	10,449	0.9%
Floyd	10,054	0.9%
Knox	9,866	0.9%

County	Cases	Percent
Muhlenberg	9,151	0.8%
Clark	8,616	0.7%
Perry	8,437	0.7%
Harlan	7,878	0.7%
Bell	7,775	0.7%
Marshall	7,676	0.7%
Taylor	7,656	0.7%
Logan	7,448	0.6%
Boyle	7,422	0.6%
Calloway	7,409	0.6%
Carter	7,260	0.6%
Grayson	7,014	0.6%
Ohio	6,676	0.6%
Clay	6,647	0.6%
Mercer	6,604	0.6%
Grant	6,216	0.5%
Woodford	6,059	0.5%
Allen	5,926	0.5%
Montgomery	5,862	0.5%
Marion	5,840	0.5%
Rowan	5,675	0.5%
Letcher	5,663	0.5%
Anderson	5,554	0.5%
Lincoln	5,549	0.5%
Harrison	5,545	0.5%
Russell	5,396	0.5%
Meade	5,263	0.5%
Bourbon	5,222	0.5%
Johnson	5,210	0.5%
Simpson	5,190	0.4%

County	Cases	Percent
Spencer	4,865	0.4%
Adair	4,800	0.4%
Hart	4,752	0.4%
Breckinridge	4,615	0.4%
McCreary	4,468	0.4%
Henry	4,393	0.4%
Wayne	4,324	0.4%
Rockcastle	4,288	0.4%
Garrard	4,233	0.4%
Mason	4,147	0.4%
Powell	4,111	0.4%
Morgan	3,958	0.3%
Lewis	3,945	0.3%
Union	3,932	0.3%
Lawrence	3,856	0.3%
Jackson	3,699	0.3%
Webster	3,561	0.3%
Caldwell	3,513	0.3%
Casey	3,450	0.3%
Washington	3,449	0.3%
Larue	3,374	0.3%
Monroe	3,333	0.3%
Knott	3,302	0.3%
Estill	3,285	0.3%
Magoffin	3,262	0.3%
Carroll	3,236	0.3%
Pendleton	3,219	0.3%
Fleming	3,215	0.3%
Butler	3,164	0.3%
Green	3,123	0.3%

County	Cases	Percent
Trigg	3,114	0.3%
Clinton	3,032	0.3%
Leslie	2,986	0.3%
Breathitt	2,924	0.3%
Martin	2,709	0.2%
Todd	2,697	0.2%
Metcalfe	2,569	0.2%
Lyon	2,540	0.2%
Bath	2,416	0.2%
McLean	2,409	0.2%
Hancock	2,255	0.2%
Edmonson	2,242	0.2%
Lee	2,230	0.2%
Owen	2,206	0.2%
Gallatin	2,056	0.2%
Livingston	2,026	0.2%
Trimble	1,988	0.2%
Bracken	1,955	0.2%
Cumberland	1,902	0.2%
Wolfe	1,902	0.2%
Crittenden	1,812	0.2%
Elliott	1,764	0.2%
Nicholas	1,697	0.1%
Owsley	1,285	0.1%
Menifee	1,245	0.1%
Ballard	1,160	0.1%
Fulton	1,098	0.1%
Carlisle	912	0.1%
Hickman	756	0.1%
Robertson	556	0.0%

Total Cases  
1,155,618

## New Cases by County

County	Cases	Percent
Jefferson	928	15.9%
Fayette	296	5.1%
Daviess	227	3.9%
Warren	191	3.3%
Hardin	186	3.2%
Hopkins	142	2.4%
McCracken	134	2.3%
Madison	113	1.9%
Mercer	108	1.9%
Kenton	98	1.7%
Boone	97	1.7%
Bullitt	93	1.6%
Laurel	90	1.5%
Henderson	74	1.3%
Oldham	73	1.3%
Whitley	73	1.3%
Muhlenberg	72	1.2%
Nelson	72	1.2%
Marshall	69	1.2%
Scott	68	1.2%
Clay	66	1.1%
Graves	64	1.1%
Carter	63	1.1%
Greenup	63	1.1%
Logan	62	1.1%
Jessamine	60	1.0%
Letcher	57	1.0%
Campbell	56	1.0%
Franklin	56	1.0%
Estill	55	0.9%

County	Cases	Percent
Barren	54	0.9%
Shelby	54	0.9%
Ohio	53	0.9%
Pulaski	51	0.9%
Garrard	49	0.8%
Christian	45	0.8%
Boyle	44	0.8%
Grayson	44	0.8%
Perry	42	0.7%
Bourbon	41	0.7%
Harlan	41	0.7%
Pike	41	0.7%
Allen	39	0.7%
Anderson	36	0.6%
Bell	36	0.6%
Larue	36	0.6%
Webster	36	0.6%
Clark	35	0.6%
Woodford	35	0.6%
Boyd	34	0.6%
Calloway	34	0.6%
Knox	34	0.6%
Powell	34	0.6%
Lawrence	33	0.6%
McLean	32	0.5%
Meade	32	0.5%
Rockcastle	30	0.5%
Taylor	30	0.5%
Adair	29	0.5%
Breckinridge	29	0.5%

County	Cases	Percent
Simpson	29	0.5%
Harrison	26	0.4%
Russell	26	0.4%
Caldwell	25	0.4%
Johnson	25	0.4%
Marion	25	0.4%
Spencer	25	0.4%
Trigg	25	0.4%
Knott	24	0.4%
Hancock	23	0.4%
Jackson	23	0.4%
Green	22	0.4%
McCreary	22	0.4%
Rowan	22	0.4%
Butler	21	0.4%
Henry	21	0.4%
Lewis	21	0.4%
Montgomery	21	0.4%
Washington	20	0.3%
Fleming	19	0.3%
Floyd	19	0.3%
Breathitt	17	0.3%
Hart	17	0.3%
Lyon	17	0.3%
Monroe	17	0.3%
Elliott	16	0.3%
Mason	16	0.3%
Lee	14	0.2%
Lincoln	14	0.2%
Metcalfe	14	0.2%

County	Cases	Percent
Wayne	14	0.2%
Grant	13	0.2%
Wolfe	13	0.2%
Magoffin	12	0.2%
Union	12	0.2%
Morgan	11	0.2%
Clinton	10	0.2%
Edmonson	10	0.2%
Fulton	10	0.2%
Carroll	9	0.2%
Cumberland	9	0.2%
Owsley	9	0.2%
Trimble	9	0.2%
Casey	8	0.1%
Livingston	8	0.1%
Pendleton	8	0.1%
Ballard	7	0.1%
Leslie	7	0.1%
Owen	7	0.1%
Bracken	6	0.1%
Crittenden	6	0.1%
Bath	5	0.1%
Todd	5	0.1%
Gallatin	4	0.1%
Hickman	4	0.1%
Carlisle	3	0.1%
Menifee	3	0.1%
Nicholas	3	0.1%
Martin	1	0.0%
Robertson	0	0.0%

Total New Cases  
5,821

Total Deaths by County

County	Deaths	Percent
Jefferson	1,936	15.0%
Fayette	508	3.9%
Hardin	382	3.0%
Daviess	341	2.6%
Kenton	333	2.6%
Warren	319	2.5%
Boone	243	1.9%
Pulaski	241	1.9%
Pike	235	1.8%
Hopkins	230	1.8%
Madison	223	1.7%
McCracken	206	1.6%
Barren	192	1.5%
Laurel	189	1.5%
Christian	183	1.4%
Bullitt	174	1.3%
Harlan	170	1.3%
Floyd	151	1.2%
Boyd	147	1.1%
Whitley	147	1.1%
Graves	144	1.1%
Henderson	141	1.1%
Perry	138	1.1%
Campbell	137	1.1%
Shelby	136	1.1%
Nelson	126	1.0%
Bell	123	1.0%
Franklin	122	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	113	0.9%
Lincoln	113	0.9%
Muhlenberg	108	0.8%
Logan	106	0.8%
Taylor	106	0.8%
Adair	95	0.7%
Mercer	95	0.7%
Carter	91	0.7%
Marshall	91	0.7%
Ohio	91	0.7%
Mason	90	0.7%
Allen	88	0.7%
Hart	88	0.7%
Letcher	87	0.7%
Johnson	85	0.7%
Montgomery	85	0.7%
Scott	82	0.6%
Simpson	79	0.6%
Wayne	78	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	61	0.5%
Larue	61	0.5%
Anderson	59	0.5%
Breckinridge	58	0.4%
Harrison	58	0.4%
Meade	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%
Livingston	51	0.4%
Rockcastle	51	0.4%
Clark	50	0.4%
Rowan	50	0.4%
Breathitt	49	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%
Lee	44	0.3%
Martin	44	0.3%
Henry	42	0.3%
Clinton	41	0.3%

County	Deaths	Percent
Estill	40	0.3%
Woodford	40	0.3%
Carroll	39	0.3%
Crittenden	39	0.3%
Leslie	39	0.3%
Todd	39	0.3%
Magoffin	37	0.3%
Edmonson	36	0.3%
Green	36	0.3%
Bath	35	0.3%
Trigg	35	0.3%
Trimble	34	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	20	0.2%
Hancock	19	0.1%
Morgan	17	0.1%
Wolfe	17	0.1%
Carlisle	16	0.1%
Elliott	15	0.1%

Total Deaths  
12,946

## Incidence Rates by County

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

County	Rate
Hopkins	358.7
McCracken	356.8
Muhlenberg	340.1
Mercer	337.4
Clay	321.6
Powell	319.0
Hardin	317.8
Whitley	316.3
Daviess	294.1
Harrison	289.7
Caldwell	284.7
Grayson	278.9
Leslie	276.3
Elliott	275.6
Allen	274.8
Marshall	273.8
Marion	272.8
Knox	263.7
Larue	260.0
McLean	259.1
Webster	258.3
Carter	257.5
Hancock	257.1
Nelson	254.9
Lewis	254.0
Owsley	252.4
Lyon	252.3
Monroe	252.2
Spencer	248.0
Ohio	246.5

County	Rate
Simpson	243.8
Breathitt	242.1
Boyd	237.0
Meade	235.5
Henry	233.9
Henderson	231.9
Jackson	230.4
Russell	230.4
Letcher	228.0
Wolfe	227.5
Logan	226.1
Bourbon	225.2
Greenup	223.5
Madison	222.5
Bell	221.2
Boyle	220.5
Woodford	217.5
Scott	217.3
Johnson	214.4
Jessamine	213.0
Graves	210.5
Washington	210.2
Harlan	209.8
Perry	209.6
Jefferson	207.5
Clark	206.4
Floyd	205.9
Lee	204.6
Magoffin	204.4
Shelby	204.3

County	Rate
Warren	200.6
Mason	200.0
Garrard	199.7
Bullitt	197.3
Union	195.7
Oldham	194.4
Cumberland	192.2
Anderson	192.2
Carroll	192.2
Lawrence	190.3
Breckinridge	189.8
Rowan	184.0
Fleming	182.2
Rockcastle	178.0
Fayette	177.8
Knott	177.5
Franklin	176.2
Gallatin	174.0
Green	172.4
Bracken	172.1
Clinton	172.0
Martin	171.0
Livingston	167.8
Pendleton	167.4
Taylor	165.8
Pike	163.2
Todd	162.7
Adair	161.4
Barren	156.6
Robertson	155.9

County	Rate
Trimble	155.2
Ballard	152.1
Calloway	150.2
Menifee	149.7
Owen	149.4
Nicholas	149.4
Edmonson	145.8
Butler	144.2
Estill	141.8
Metcalfe	137.6
Carlisle	129.1
Morgan	125.6
Trigg	122.9
Laurel	122.2
Fulton	122.1
Pulaski	118.3
Boone	118.0
Hickman	117.4
Bath	116.6
Crittenden	111.9
Lincoln	111.7
Casey	111.4
Campbell	110.1
Christian	108.9
Hart	108.8
Montgomery	105.0
Kenton	102.7
McCreary	97.8
Grant	84.3
Wayne	77.3

Current Overall Incidence Rate  
200.94 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.