

# KY COVID-19 Report

## 05FEB22

### Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,198,577	835,849	362,728
Deaths	13,096	11,471	1,625
New Cases	4,816	3,136	1,680
New Cases 18 and Under	962	553	409
Total New Deaths	33	30	3

Duplicates and records not meeting case criteria removed since last report: 22

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
97,828	8.2%	0-9	0.0%	2
167,168	13.9%	10-19	0.1%	9
206,461	17.2%	20-29	0.4%	56
190,923	15.9%	30-39	1.4%	181
172,426	14.4%	40-49	3.9%	513
155,281	13.0%	50-59	9.9%	1,298
112,159	9.4%	60-69	20.3%	2,658
62,508	5.2%	70-79	27.0%	3,540
33,572	2.8%	80+	37.0%	4,839
251	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,218	0.4%	American Indian	0.1%	17
9,545	1.0%	Asian	0.4%	55
78,913	7.9%	Black	7.0%	874
413	0.0%	Pacific Islander	0.1%	9
854,362	85.7%	White	89.6%	11,226
49,005	4.9%	Multiracial	2.8%	345

Cases	Case Percent	Ethnicity	Death Percent	Deaths
42,355	4.5%	Hispanic	1.5%	188
888,679	95.5%	Non-Hispanic	98.5%	12,023

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 83.1% 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
29,448	119,786	24.58%

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
12,939,774	9,222,484	411,649	2,995,490	1,443,150	988,250	56,486	398,414

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	37,583	3.14%
Ever ICU	7,051	0.59%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,274
ICU	416
On Ventilator	215

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

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,459	5,639	56.9%
ICU Beds	1,192	224	84.2%
Ventilators	633	1,271	33.2%

<sup>\*</sup> 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	153	37	19	19.7%	42.5%	21.1%	54.05%	94.25%	35.56%
Region 2	140	26	12	17.9%	32.9%	14.0%	59.67%	84.81%	30.23%
Region 3	716	114	64	19.2%	29.1%	14.3%	59.94%	81.63%	38.17%
Region 4	113	24	8	13.7%	28.9%	6.4%	59.61%	92.77%	15.20%
Region 5	422	85	53	15.0%	24.2%	9.4%	58.09%	87.46%	39.22%
Region 6	182	17	5	15.3%	23.9%	4.0%	59.95%	94.37%	27.42%
Region 7	115	16	9	17.1%	19.5%	7.5%	54.02%	40.24%	15.83%
Region 8	204	42	25	17.2%	34.4%	15.0%	49.11%	92.62%	35.33%
Region 9	171	36	16	26.4%	37.9%	15.5%	48.84%	81.05%	30.10%
Region 10	58	19	4	12.0%	35.2%	5.3%	49.69%	90.74%	26.67%

<sup>\*</sup> 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	205,576	17.2%
Fayette	87,484	7.3%
Warren	40,745	3.4%
Kenton	39,364	3.3%
Boone	34,806	2.9%
Hardin	30,726	2.6%
Daviess	29,473	2.5%
Madison	25,672	2.1%
Campbell	21,376	1.8%
Bullitt	20,058	1.7%
Oldham	17,062	1.4%
McCracken	17,042	1.4%
Laurel	16,818	1.4%
Pike	15,835	1.3%
Boyd	14,776	1.2%
Scott	14,617	1.2%
Pulaski	14,511	1.2%
Christian	14,246	1.2%
Jessamine	14,176	1.2%
Nelson	13,647	1.1%
Hopkins	13,613	1.1%
Henderson	12,869	1.1%
Whitley	12,688	1.1%
Shelby	12,410	1.0%
Franklin	12,247	1.0%
Barren	11,882	1.0%
Greenup	10,972	0.9%
Graves	10,795	0.9%
Floyd	10,725	0.9%
Knox	10,424	0.9%

County	Cases	Percent
Muhlenberg	9,597	0.8%
Clark	9,077	0.8%
Perry	8,966	0.7%
Harlan	8,342	0.7%
Bell	8,098	0.7%
Marshall	7,953	0.7%
Taylor	7,862	0.7%
Logan	7,749	0.6%
Boyle	7,691	0.6%
Calloway	7,642	0.6%
Carter	7,603	0.6%
Grayson	7,291	0.6%
Clay	7,021	0.6%
Ohio	6,941	0.6%
Mercer	6,815	0.6%
Grant	6,369	0.5%
Woodford	6,290	0.5%
Allen	6,137	0.5%
Marion	6,053	0.5%
Montgomery	5,989	0.5%
Letcher	5,970	0.5%
Rowan	5,850	0.5%
Lincoln	5,748	0.5%
Anderson	5,746	0.5%
Harrison	5,745	0.5%
Russell	5,644	0.5%
Bourbon	5,435	0.5%
Meade	5,433	0.5%
Johnson	5,390	0.4%
Simpson	5,322	0.4%

County	Cases	Percent
Hart	5,080	0.4%
Spencer	5,015	0.4%
Adair	5,001	0.4%
Breckinridge	4,760	0.4%
McCreary	4,626	0.4%
Rockcastle	4,563	0.4%
Henry	4,542	0.4%
Wayne	4,476	0.4%
Garrard	4,421	0.4%
Powell	4,309	0.4%
Mason	4,291	0.4%
Lewis	4,114	0.3%
Morgan	4,077	0.3%
Union	4,058	0.3%
Lawrence	4,038	0.3%
Jackson	3,844	0.3%
Webster	3,677	0.3%
Caldwell	3,662	0.3%
Washington	3,593	0.3%
Casey	3,575	0.3%
Knott	3,527	0.3%
Larue	3,485	0.3%
Estill	3,477	0.3%
Monroe	3,458	0.3%
Magoffin	3,425	0.3%
Fleming	3,366	0.3%
Butler	3,328	0.3%
Carroll	3,309	0.3%
Pendleton	3,298	0.3%
Trigg	3,259	0.3%

County	Cases	Percent
Green	3,248	0.3%
Clinton	3,138	0.3%
Leslie	3,135	0.3%
Breathitt	3,090	0.3%
Martin	2,858	0.2%
Todd	2,754	0.2%
Metcalfe	2,628	0.2%
Lyon	2,608	0.2%
Bath	2,525	0.2%
McLean	2,492	0.2%
Lee	2,342	0.2%
Hancock	2,329	0.2%
Edmonson	2,325	0.2%
Owen	2,262	0.2%
Livingston	2,121	0.2%
Gallatin	2,103	0.2%
Trimble	2,050	0.2%
Bracken	2,026	0.2%
Wolfe	2,008	0.2%
Cumberland	1,996	0.2%
Crittenden	1,873	0.2%
Elliott	1,832	0.2%
Nicholas	1,750	0.1%
Owsley	1,346	0.1%
Menifee	1,280	0.1%
Ballard	1,197	0.1%
Fulton	1,114	0.1%
Carlisle	928	0.1%
Hickman	783	0.1%
Robertson	573	0.0%

Total Cases  
1,198,577

## New Cases by County

County	Cases	Percent
Jefferson	401	8.3%
Fayette	181	3.8%
Warren	176	3.7%
Floyd	116	2.4%
Perry	104	2.2%
Laurel	78	1.6%
Russell	75	1.6%
Daviess	72	1.5%
Greenup	69	1.4%
Boyd	64	1.3%
Boone	57	1.2%
Estill	53	1.1%
Harlan	52	1.1%
Whitley	51	1.1%
Campbell	49	1.0%
Pike	46	1.0%
Pulaski	46	1.0%
Kenton	45	0.9%
Madison	44	0.9%
Knox	42	0.9%
Clark	39	0.8%
Franklin	38	0.8%
Barren	36	0.7%
Hardin	36	0.7%
Letcher	36	0.7%
Muhlenberg	36	0.7%
Bell	34	0.7%
Scott	34	0.7%
Carter	32	0.7%
Graves	32	0.7%

County	Cases	Percent
Knott	32	0.7%
Logan	32	0.7%
Bullitt	31	0.6%
Henderson	30	0.6%
Clay	29	0.6%
Oldham	29	0.6%
Morgan	28	0.6%
Lawrence	27	0.6%
Christian	26	0.5%
Jessamine	26	0.5%
Leslie	26	0.5%
Taylor	25	0.5%
Bourbon	24	0.5%
Nelson	23	0.5%
Shelby	22	0.5%
Breckinridge	21	0.4%
Bath	19	0.4%
Grayson	19	0.4%
Hart	19	0.4%
McCracken	19	0.4%
Trigg	19	0.4%
Wayne	19	0.4%
Adair	18	0.4%
Edmonson	18	0.4%
Elliott	18	0.4%
Allen	17	0.4%
Caldwell	17	0.4%
Magoffin	17	0.4%
Ohio	17	0.4%
Grant	16	0.3%

County	Cases	Percent
Hopkins	16	0.3%
Mason	15	0.3%
Powell	15	0.3%
Woodford	15	0.3%
Casey	14	0.3%
Menifee	14	0.3%
Simpson	14	0.3%
Johnson	13	0.3%
Martin	13	0.3%
Breathitt	12	0.2%
Clinton	12	0.2%
Henry	12	0.2%
Lincoln	12	0.2%
Garrard	11	0.2%
McCreary	11	0.2%
Spencer	11	0.2%
Wolfe	11	0.2%
Bracken	10	0.2%
Cumberland	10	0.2%
Fleming	10	0.2%
Harrison	10	0.2%
Calloway	9	0.2%
Livingston	9	0.2%
Monroe	9	0.2%
Montgomery	9	0.2%
Union	9	0.2%
Anderson	8	0.2%
Boyle	8	0.2%
Rockcastle	8	0.2%
Butler	7	0.1%

County	Cases	Percent
Marion	7	0.1%
Marshall	7	0.1%
Meade	7	0.1%
Rowan	7	0.1%
Webster	7	0.1%
Carroll	6	0.1%
Green	6	0.1%
Lewis	6	0.1%
McLean	6	0.1%
Nicholas	6	0.1%
Owsley	6	0.1%
Trimble	6	0.1%
Washington	6	0.1%
Crittenden	5	0.1%
Larue	5	0.1%
Hancock	4	0.1%
Lyon	4	0.1%
Hickman	3	0.1%
Mercer	3	0.1%
Pendleton	3	0.1%
Jackson	2	0.0%
Lee	2	0.0%
Ballard	1	0.0%
Carlisle	1	0.0%
Fulton	1	0.0%
Gallatin	1	0.0%
Metcalfe	1	0.0%
Owen	1	0.0%
Robertson	1	0.0%
Todd	1	0.0%

Total New Cases  
4,816

Total Deaths by County

County	Deaths	Percent
Jefferson	1,947	14.9%
Fayette	516	3.9%
Hardin	386	2.9%
Kenton	349	2.7%
Daviess	343	2.6%
Warren	319	2.4%
Boone	249	1.9%
Pulaski	245	1.9%
Pike	240	1.8%
Madison	233	1.8%
Hopkins	231	1.8%
McCracken	207	1.6%
Barren	193	1.5%
Laurel	191	1.5%
Christian	188	1.4%
Bullitt	176	1.3%
Harlan	171	1.3%
Floyd	152	1.2%
Boyd	149	1.1%
Whitley	147	1.1%
Graves	144	1.1%
Henderson	143	1.1%
Campbell	140	1.1%
Perry	140	1.1%
Shelby	138	1.1%
Nelson	127	1.0%
Franklin	124	0.9%
Bell	123	0.9%
Jessamine	123	0.9%
Oldham	121	0.9%

County	Deaths	Percent
Boyle	120	0.9%
Knox	115	0.9%
Grayson	114	0.9%
Greenup	114	0.9%
Lincoln	113	0.9%
Muhlenberg	109	0.8%
Taylor	108	0.8%
Logan	107	0.8%
Mercer	98	0.7%
Adair	95	0.7%
Mason	92	0.7%
Carter	91	0.7%
Marshall	91	0.7%
Ohio	91	0.7%
Allen	90	0.7%
Letcher	90	0.7%
Hart	88	0.7%
Johnson	86	0.7%
Montgomery	85	0.6%
Scott	85	0.6%
Wayne	82	0.6%
Simpson	79	0.6%
Russell	74	0.6%
Calloway	73	0.6%
Lewis	73	0.6%
Clay	71	0.5%
McCreary	70	0.5%
Monroe	69	0.5%
Marion	67	0.5%
Casey	65	0.5%

County	Deaths	Percent
Garrard	64	0.5%
Breckinridge	63	0.5%
Jackson	63	0.5%
Larue	61	0.5%
Meade	61	0.5%
Anderson	60	0.5%
Harrison	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%
Clark	51	0.4%
Livingston	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	0.4%
Grant	46	0.4%
Webster	46	0.4%
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%
Estill	40	0.3%
Todd	40	0.3%
Crittenden	39	0.3%
Leslie	39	0.3%
Edmonson	37	0.3%
Magoffin	37	0.3%
Trigg	37	0.3%
Green	36	0.3%
Bath	35	0.3%
Trimble	35	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%
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	19	0.1%
Wolfe	18	0.1%
Carlisle	17	0.1%
Morgan	17	0.1%
Elliott	15	0.1%

Total Deaths  
13,096

## Incidence Rates by County

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

County	Rate
Clay	269.9
Rockcastle	242.2
Powell	238.1
Knox	230.3
Hart	225.9
Whitley	219.0
Muhlenberg	216.9
Owsley	213.6
Floyd	213.1
Lee	210.3
Cumberland	203.0
Breathitt	202.5
Letcher	202.2
Harlan	198.8
Russell	197.7
Wolfe	195.6
Leslie	195.3
Perry	195.2
Estill	187.4
Carter	187.1
Magoffin	177.4
Lawrence	174.4
Bell	172.9
Boyd	172.8
Knott	170.8
Martin	169.7
Lewis	167.9
Madison	162.5
Logan	162.3
Clark	162.3

County	Rate
Marion	161.6
Washington	159.5
Monroe	156.9
Caldwell	154.7
Jackson	154.3
Ohio	153.6
Hopkins	153.5
Harrison	152.8
Green	151.5
McLean	147.4
Bourbon	147.3
Fleming	147.0
Allen	143.4
Grayson	142.2
Butler	140.9
Mercer	140.7
Clinton	139.8
Webster	139.1
Laurel	138.6
Livingston	138.3
Hardin	136.3
Adair	133.2
Garrard	132.6
Scott	129.8
Warren	129.3
Larue	127.0
Marshall	126.8
Barren	126.6
Greenup	126.2
Woodford	126.1

County	Rate
Daviess	125.5
Boyle	125.5
Nelson	122.1
Anderson	118.7
Hancock	117.9
Shelby	116.3
Jessamine	115.4
Bath	114.3
Johnson	114.0
Franklin	112.9
Taylor	110.3
Simpson	110.0
Henry	109.8
Rowan	109.2
McCreary	108.6
Union	108.3
Pike	106.9
Graves	106.6
Jefferson	106.0
Lincoln	105.9
Elliott	104.5
Henderson	104.3
Spencer	102.6
Breckinridge	101.9
Bullitt	101.4
Lyon	97.4
Trigg	95.6
Wayne	93.4
Morgan	92.3
Edmonson	91.7

County	Rate
Calloway	91.6
Trimble	91.1
Oldham	90.2
Mason	89.5
McCracken	86.7
Carroll	86.0
Hickman	84.8
Metcalfe	83.7
Bracken	82.6
Robertson	81.3
Fayette	79.3
Christian	78.7
Nicholas	76.6
Casey	76.0
Pulaski	75.2
Gallatin	69.3
Meade	68.5
Menifee	68.2
Owen	68.1
Pendleton	67.6
Crittenden	64.9
Boone	62.5
Fulton	62.2
Montgomery	61.4
Todd	60.4
Ballard	58.0
Campbell	51.1
Grant	46.2
Kenton	44.7
Carlisle	42.0

Current Overall Incidence Rate  
116.88 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.