

# KY COVID-19 Report

## 02FEB22

### Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,176,470	821,324	355,146
Deaths	12,996	11,387	1,609
New Cases	7,406	4,111	3,295
New Cases 18 and Under	2,094	949	1,145
Total New Deaths	21	17	4

Duplicates and records not meeting case criteria removed since last report: 33

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
95,344	8.1%	0-9	0.0%	2
164,224	14.0%	10-19	0.1%	9
203,128	17.3%	20-29	0.4%	56
187,328	15.9%	30-39	1.4%	177
169,332	14.4%	40-49	3.9%	505
152,420	13.0%	50-59	9.9%	1,290
110,073	9.4%	60-69	20.2%	2,630
61,429	5.2%	70-79	27.0%	3,512
32,942	2.8%	80+	37.0%	4,815
250	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,127	0.4%	American Indian	0.1%	17
9,387	1.0%	Asian	0.4%	54
77,742	8.0%	Black	7.0%	870
409	0.0%	Pacific Islander	0.1%	8
835,946	85.7%	White	89.6%	11,143
48,271	4.9%	Multiracial	2.8%	343

Cases	Case Percent	Ethnicity	Death Percent	Deaths
41,830	4.6%	Hispanic	1.5%	187
873,321	95.4%	Non-Hispanic	98.5%	11,936

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 83.0% of cases and 95.7% of deaths  
Ethnicity known for 77.8% of cases and 93.3% of deaths

### Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
41,863	156,334	26.78%

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
12,824,865	9,157,473	411,041	2,949,314	1,419,357	972,958	56,305	390,094

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	37,266	3.17%
Ever ICU	6,998	0.59%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,438
ICU	448
On Ventilator	219

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

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,640	5,510	58.1%
ICU Beds	1,208	225	84.3%
Ventilators	637	1,268	33.4%

\* 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	149	40	20	19.2%	45.5%	22.0%	59.51%	92.05%	39.56%
Region 2	144	33	13	18.5%	43.4%	15.1%	64.14%	85.53%	37.21%
Region 3	757	127	68	20.3%	32.2%	15.1%	60.23%	81.22%	37.11%
Region 4	133	27	10	15.6%	31.4%	8.0%	55.52%	97.67%	19.20%
Region 5	444	95	52	15.5%	26.9%	9.2%	58.31%	86.69%	38.52%
Region 6	231	23	9	19.5%	32.4%	7.3%	59.78%	94.37%	31.45%
Region 7	125	16	9	19.4%	19.8%	7.5%	59.32%	43.21%	19.17%
Region 8	221	41	21	18.6%	32.0%	12.4%	52.14%	87.50%	31.18%
Region 9	168	29	13	25.8%	29.6%	12.5%	50.15%	85.71%	24.04%
Region 10	66	17	4	13.6%	29.3%	5.8%	52.58%	93.10%	28.99%

\* 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	203,218	17.3%
Fayette	86,518	7.4%
Warren	40,042	3.4%
Kenton	39,010	3.3%
Boone	34,440	2.9%
Hardin	30,340	2.6%
Daviess	29,133	2.5%
Madison	25,154	2.1%
Campbell	21,162	1.8%
Bullitt	19,843	1.7%
Oldham	16,925	1.4%
McCracken	16,868	1.4%
Laurel	16,498	1.4%
Pike	15,542	1.3%
Boyd	14,504	1.2%
Pulaski	14,282	1.2%
Scott	14,278	1.2%
Christian	13,966	1.2%
Jessamine	13,964	1.2%
Nelson	13,487	1.1%
Hopkins	13,421	1.1%
Henderson	12,688	1.1%
Whitley	12,491	1.1%
Shelby	12,195	1.0%
Franklin	12,040	1.0%
Barren	11,670	1.0%
Greenup	10,798	0.9%
Graves	10,633	0.9%
Floyd	10,363	0.9%
Knox	10,189	0.9%

County	Cases	Percent
Muhlenberg	9,427	0.8%
Clark	8,853	0.8%
Perry	8,654	0.7%
Harlan	8,092	0.7%
Bell	7,958	0.7%
Marshall	7,815	0.7%
Taylor	7,757	0.7%
Logan	7,587	0.6%
Boyle	7,578	0.6%
Calloway	7,529	0.6%
Carter	7,446	0.6%
Grayson	7,191	0.6%
Ohio	6,820	0.6%
Clay	6,800	0.6%
Mercer	6,726	0.6%
Grant	6,307	0.5%
Woodford	6,197	0.5%
Allen	6,048	0.5%
Marion	5,982	0.5%
Montgomery	5,928	0.5%
Rowan	5,760	0.5%
Letcher	5,755	0.5%
Anderson	5,664	0.5%
Harrison	5,640	0.5%
Lincoln	5,631	0.5%
Russell	5,515	0.5%
Meade	5,363	0.5%
Bourbon	5,312	0.5%
Johnson	5,312	0.5%
Simpson	5,252	0.4%

County	Cases	Percent
Spencer	4,953	0.4%
Hart	4,934	0.4%
Adair	4,908	0.4%
Breckinridge	4,678	0.4%
McCreary	4,537	0.4%
Henry	4,482	0.4%
Rockcastle	4,414	0.4%
Wayne	4,394	0.4%
Garrard	4,332	0.4%
Mason	4,212	0.4%
Powell	4,199	0.4%
Lewis	4,043	0.3%
Morgan	4,012	0.3%
Union	4,008	0.3%
Lawrence	3,944	0.3%
Jackson	3,777	0.3%
Webster	3,636	0.3%
Caldwell	3,596	0.3%
Washington	3,534	0.3%
Casey	3,503	0.3%
Larue	3,452	0.3%
Monroe	3,410	0.3%
Knott	3,405	0.3%
Estill	3,343	0.3%
Magoffin	3,341	0.3%
Fleming	3,285	0.3%
Carroll	3,281	0.3%
Pendleton	3,275	0.3%
Butler	3,246	0.3%
Green	3,195	0.3%

County	Cases	Percent
Trigg	3,195	0.3%
Clinton	3,090	0.3%
Leslie	3,055	0.3%
Breathitt	2,995	0.3%
Martin	2,782	0.2%
Todd	2,728	0.2%
Metcalfe	2,604	0.2%
Lyon	2,580	0.2%
Bath	2,476	0.2%
McLean	2,453	0.2%
Lee	2,289	0.2%
Hancock	2,288	0.2%
Edmonson	2,269	0.2%
Owen	2,234	0.2%
Gallatin	2,085	0.2%
Livingston	2,073	0.2%
Trimble	2,029	0.2%
Bracken	1,994	0.2%
Cumberland	1,949	0.2%
Wolfe	1,940	0.2%
Crittenden	1,840	0.2%
Elliott	1,781	0.2%
Nicholas	1,728	0.1%
Owsley	1,304	0.1%
Menifee	1,252	0.1%
Ballard	1,188	0.1%
Fulton	1,108	0.1%
Carlisle	922	0.1%
Hickman	776	0.1%
Robertson	566	0.0%

Total Cases  
1,176,470

## New Cases by County

County	Cases	Percent
Jefferson	1,106	14.9%
Fayette	402	5.4%
Hardin	249	3.4%
Warren	243	3.3%
Daviess	207	2.8%
Madison	180	2.4%
Boyd	136	1.8%
Christian	134	1.8%
Kenton	132	1.8%
Bullitt	131	1.8%
Whitley	129	1.7%
Pike	125	1.7%
Floyd	109	1.5%
Boone	108	1.5%
Clark	106	1.4%
Hart	104	1.4%
Scott	104	1.4%
Harlan	99	1.3%
Greenup	94	1.3%
Nelson	91	1.2%
Laurel	90	1.2%
Barren	85	1.1%
Pulaski	85	1.1%
Franklin	79	1.1%
Graves	77	1.0%
Knox	72	1.0%
Hopkins	70	0.9%
Campbell	67	0.9%
McCracken	66	0.9%
Carter	65	0.9%

County	Cases	Percent
Ohio	65	0.9%
Grayson	64	0.9%
Marion	64	0.9%
Logan	62	0.8%
Muhlenberg	61	0.8%
Bell	60	0.8%
Henderson	59	0.8%
Oldham	57	0.8%
Jessamine	56	0.8%
Rockcastle	54	0.7%
Perry	50	0.7%
Calloway	49	0.7%
Adair	48	0.6%
Mercer	48	0.6%
Anderson	47	0.6%
Lincoln	47	0.6%
Meade	47	0.6%
Shelby	47	0.6%
Lewis	45	0.6%
Marshall	44	0.6%
Washington	42	0.6%
Breckinridge	41	0.6%
Clay	41	0.6%
Harrison	41	0.6%
Taylor	41	0.6%
Butler	39	0.5%
Monroe	38	0.5%
Boyle	37	0.5%
Green	37	0.5%
Wayne	37	0.5%

County	Cases	Percent
Woodford	37	0.5%
Russell	36	0.5%
Powell	35	0.5%
Bourbon	34	0.5%
Lawrence	34	0.5%
Trigg	34	0.5%
Johnson	33	0.4%
Webster	33	0.4%
Breathitt	32	0.4%
Rowan	32	0.4%
Allen	30	0.4%
Grant	30	0.4%
Caldwell	29	0.4%
Clinton	29	0.4%
Henry	29	0.4%
Larue	29	0.4%
Union	29	0.4%
Jackson	28	0.4%
Martin	28	0.4%
Spencer	28	0.4%
Magoffin	27	0.4%
Knott	26	0.4%
Letcher	26	0.4%
McCreary	26	0.4%
Casey	25	0.3%
Fleming	25	0.3%
Bracken	24	0.3%
Lee	24	0.3%
Simpson	24	0.3%
Garrard	21	0.3%

County	Cases	Percent
Leslie	21	0.3%
Pendleton	21	0.3%
Bath	19	0.3%
Cumberland	19	0.3%
Lyon	18	0.2%
Montgomery	17	0.2%
Estill	16	0.2%
Morgan	16	0.2%
Hancock	15	0.2%
Mason	14	0.2%
Metcalfe	14	0.2%
Livingston	12	0.2%
Trimble	12	0.2%
Edmonson	11	0.1%
Ballard	10	0.1%
Crittenden	10	0.1%
Nicholas	9	0.1%
Carroll	8	0.1%
McLean	8	0.1%
Wolfe	7	0.1%
Gallatin	6	0.1%
Hickman	6	0.1%
Elliott	5	0.1%
Menifee	5	0.1%
Owen	4	0.1%
Owsley	4	0.1%
Todd	4	0.1%
Fulton	3	0.0%
Robertson	2	0.0%
Carlisle	0	0.0%

Total New Cases  
7,406

Total Deaths by County

County	Deaths	Percent
Jefferson	1,940	14.9%
Fayette	512	3.9%
Hardin	385	3.0%
Daviess	343	2.6%
Kenton	333	2.6%
Warren	319	2.5%
Boone	243	1.9%
Pulaski	243	1.9%
Pike	236	1.8%
Madison	231	1.8%
Hopkins	230	1.8%
McCracken	206	1.6%
Barren	192	1.5%
Laurel	190	1.5%
Christian	183	1.4%
Bullitt	175	1.3%
Harlan	171	1.3%
Floyd	151	1.2%
Boyd	148	1.1%
Whitley	147	1.1%
Graves	144	1.1%
Henderson	141	1.1%
Perry	138	1.1%
Campbell	137	1.1%
Shelby	137	1.1%
Nelson	127	1.0%
Bell	123	0.9%
Franklin	123	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	114	0.9%
Lincoln	113	0.9%
Muhlenberg	109	0.8%
Logan	107	0.8%
Taylor	106	0.8%
Mercer	98	0.8%
Adair	95	0.7%
Carter	91	0.7%
Marshall	91	0.7%
Mason	91	0.7%
Ohio	91	0.7%
Allen	90	0.7%
Hart	88	0.7%
Letcher	87	0.7%
Johnson	86	0.7%
Montgomery	85	0.7%
Scott	82	0.6%
Simpson	79	0.6%
Wayne	79	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	63	0.5%
Larue	61	0.5%
Anderson	60	0.5%
Meade	59	0.5%
Breckinridge	58	0.4%
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%
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
Woodford	41	0.3%
Estill	40	0.3%
Carroll	39	0.3%
Crittenden	39	0.3%
Leslie	39	0.3%
Todd	39	0.3%
Magoffin	37	0.3%
Trigg	37	0.3%
Edmonson	36	0.3%
Green	36	0.3%
Bath	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  
12,996

## Incidence Rates by County

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

County	Rate
Clay	310.8
Whitley	302.5
Muhlenberg	297.6
Marion	272.8
Mercer	272.3
Knox	268.8
Powell	264.7
Caldwell	253.3
Owsley	252.4
Harrison	239.0
Grayson	235.1
Allen	227.2
Carter	227.1
Wolfe	225.6
Floyd	224.4
Leslie	224.2
Webster	223.0
Lee	221.9
Lewis	221.7
Harlan	218.6
Russell	218.4
Hardin	217.6
Washington	216.1
Bell	215.1
Boyd	214.1
Daviess	213.6
Monroe	213.3
Magoffin	211.4
Rockcastle	209.6
Jackson	209.0

County	Rate
Letcher	206.1
Hopkins	205.9
Breathitt	205.9
Marshall	205.8
Bourbon	205.0
Boyle	204.8
McLean	204.8
Madison	204.8
Hancock	203.1
Clark	199.3
Logan	197.7
Nelson	195.6
Simpson	194.6
Larue	191.5
Garrard	189.2
Ohio	188.1
Graves	187.5
Scott	187.2
Perry	186.9
Woodford	184.9
Henry	184.3
Hart	183.9
Knott	182.4
Anderson	181.5
Cumberland	181.4
Fleming	181.3
Shelby	176.0
Jessamine	175.8
Elliott	169.1
Mason	168.2

County	Rate
Butler	166.4
Lawrence	166.0
Lyon	163.6
Warren	163.5
Green	161.9
Meade	161.5
Martin	160.8
Union	159.9
Greenup	158.7
Spencer	158.7
Trigg	158.0
Adair	157.7
Bullitt	157.6
McCracken	156.6
Franklin	155.5
Clinton	155.2
Breckinridge	152.8
Oldham	152.7
Rowan	151.9
Henderson	151.4
Johnson	149.4
Jefferson	149.3
Estill	146.8
Carroll	146.5
Nicholas	143.5
Barren	142.7
Pendleton	142.0
Fayette	140.8
Calloway	137.7
Taylor	135.8

County	Rate
Laurel	135.8
Livingston	135.2
Bath	132.6
Gallatin	132.1
Bracken	130.8
Robertson	128.8
Trimble	126.5
Pike	126.4
Menifee	125.5
Hickman	120.7
Morgan	118.1
Metcalfe	113.5
Casey	111.4
Edmonson	110.5
Christian	108.9
Todd	108.1
McCreary	103.6
Lincoln	103.0
Owen	99.6
Pulaski	98.1
Fulton	93.3
Ballard	92.4
Boone	90.5
Montgomery	89.8
Campbell	85.6
Wayne	82.9
Crittenden	82.7
Kenton	78.7
Carlisle	78.0
Grant	65.0

Current Overall Incidence Rate  
161.81 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.