

KY COVID-19 Report

31JAN22

Daily Summary

Measure	Total	Confirmed	Probable
Cases	1,160,558	812,211	348,347
Deaths	12,960	11,356	1,604
New Cases	4,950	3,520	1,430
New Cases 18 and Under	1,219	764	455
Total New Deaths	14	14	0

Duplicates and records not meeting case criteria removed since last report: 10

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
93,067	8.0%	0-9	0.0%	2
161,777	13.9%	10-19	0.1%	9
200,926	17.3%	20-29	0.4%	56
184,951	15.9%	30-39	1.4%	177
167,288	14.4%	40-49	3.9%	504
150,453	13.0%	50-59	9.9%	1,285
108,656	9.4%	60-69	20.2%	2,622
60,642	5.2%	70-79	27.0%	3,503
32,549	2.8%	80+	37.1%	4,802
249	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
4,066	0.4%	American Indian	0.1%	16
9,300	1.0%	Asian	0.4%	54
77,127	8.0%	Black	7.0%	870
408	0.0%	Pacific Islander	0.1%	8
825,763	85.6%	White	89.6%	11,110
47,892	5.0%	Multiracial	2.8%	341

Cases	Case Percent	Ethnicity	Death Percent	Deaths
41,427	4.6%	Hispanic	1.5%	186
862,015	95.4%	Non-Hispanic	98.5%	11,901

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 77.8% of cases and 93.3% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
46,984	164,893	28.49%

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
12,741,317	9,116,893	410,922	2,907,904	1,400,570	962,455	56,270	381,845

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	37,008	3.19%
Ever ICU	6,964	0.60%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,413
ICU	454
On Ventilator	232

Current Overall Capacity*

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	7,318	5,722	56.1%
ICU Beds	1,176	227	83.8%
Ventilators	640	1,270	33.5%

* 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	150	37	20	19.4%	43.5%	20.6%	53.03%	95.29%	38.14%
Region 2	156	33	13	20.0%	42.9%	15.1%	60.98%	83.12%	32.56%
Region 3	761	132	73	20.4%	33.6%	16.2%	57.69%	80.66%	37.92%
Region 4	140	28	11	17.1%	37.8%	8.8%	56.60%	98.65%	17.60%
Region 5	446	92	54	16.0%	26.2%	9.5%	58.21%	85.75%	38.16%
Region 6	233	27	17	19.7%	39.7%	13.7%	58.16%	100.00%	40.32%
Region 7	114	18	11	17.6%	21.7%	8.6%	52.01%	37.35%	15.63%
Region 8	194	38	15	16.4%	31.7%	9.0%	51.40%	94.17%	29.52%
Region 9	159	35	13	24.5%	35.7%	12.7%	51.54%	85.71%	25.49%
Region 10	60	14	5	12.4%	25.9%	7.7%	46.38%	81.48%	32.31%

* 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	200,826	17.3%
Fayette	85,597	7.4%
Warren	39,538	3.4%
Kenton	38,737	3.3%
Boone	34,206	2.9%
Hardin	29,823	2.6%
Daviess	28,763	2.5%
Madison	24,764	2.1%
Campbell	20,998	1.8%
Bullitt	19,696	1.7%
Oldham	16,753	1.4%
McCracken	16,702	1.4%
Laurel	16,271	1.4%
Pike	15,276	1.3%
Boyd	14,147	1.2%
Pulaski	14,127	1.2%
Scott	14,065	1.2%
Jessamine	13,798	1.2%
Christian	13,755	1.2%
Nelson	13,283	1.1%
Hopkins	13,201	1.1%
Henderson	12,562	1.1%
Whitley	12,273	1.1%
Shelby	12,055	1.0%
Franklin	11,816	1.0%
Barren	11,478	1.0%
Greenup	10,625	0.9%
Graves	10,511	0.9%
Floyd	10,086	0.9%
Knox	9,914	0.9%

County	Cases	Percent
Muhlenberg	9,266	0.8%
Clark	8,661	0.7%
Perry	8,507	0.7%
Harlan	7,910	0.7%
Bell	7,831	0.7%
Marshall	7,724	0.7%
Taylor	7,678	0.7%
Logan	7,479	0.6%
Boyle	7,472	0.6%
Calloway	7,438	0.6%
Carter	7,317	0.6%
Grayson	7,045	0.6%
Ohio	6,703	0.6%
Clay	6,701	0.6%
Mercer	6,637	0.6%
Grant	6,239	0.5%
Woodford	6,083	0.5%
Allen	5,956	0.5%
Montgomery	5,869	0.5%
Marion	5,866	0.5%
Rowan	5,694	0.5%
Letcher	5,674	0.5%
Anderson	5,577	0.5%
Lincoln	5,563	0.5%
Harrison	5,558	0.5%
Russell	5,413	0.5%
Meade	5,287	0.5%
Bourbon	5,242	0.5%
Johnson	5,215	0.4%
Simpson	5,212	0.4%

County	Cases	Percent
Spencer	4,880	0.4%
Adair	4,828	0.4%
Hart	4,762	0.4%
Breckinridge	4,623	0.4%
McCreary	4,483	0.4%
Henry	4,416	0.4%
Wayne	4,335	0.4%
Rockcastle	4,331	0.4%
Garrard	4,276	0.4%
Mason	4,165	0.4%
Powell	4,133	0.4%
Morgan	3,974	0.3%
Lewis	3,957	0.3%
Union	3,951	0.3%
Lawrence	3,873	0.3%
Jackson	3,726	0.3%
Webster	3,584	0.3%
Caldwell	3,519	0.3%
Washington	3,465	0.3%
Casey	3,459	0.3%
Larue	3,391	0.3%
Monroe	3,343	0.3%
Knott	3,326	0.3%
Estill	3,307	0.3%
Magoffin	3,271	0.3%
Carroll	3,246	0.3%
Pendleton	3,233	0.3%
Fleming	3,227	0.3%
Butler	3,173	0.3%
Green	3,138	0.3%

County	Cases	Percent
Trigg	3,133	0.3%
Clinton	3,050	0.3%
Leslie	3,011	0.3%
Breathitt	2,940	0.3%
Todd	2,712	0.2%
Martin	2,711	0.2%
Metcalfe	2,573	0.2%
Lyon	2,554	0.2%
Bath	2,421	0.2%
McLean	2,420	0.2%
Hancock	2,259	0.2%
Edmonson	2,248	0.2%
Lee	2,242	0.2%
Owen	2,210	0.2%
Gallatin	2,062	0.2%
Livingston	2,045	0.2%
Trimble	1,994	0.2%
Bracken	1,960	0.2%
Cumberland	1,912	0.2%
Wolfe	1,908	0.2%
Crittenden	1,819	0.2%
Elliott	1,767	0.2%
Nicholas	1,703	0.1%
Owsley	1,290	0.1%
Menifee	1,245	0.1%
Ballard	1,165	0.1%
Fulton	1,100	0.1%
Carlisle	917	0.1%
Hickman	762	0.1%
Robertson	560	0.0%

Total Cases
1,160,558

New Cases by County

County	Cases	Percent
Jefferson	845	17.1%
Fayette	313	6.3%
Kenton	161	3.3%
Warren	154	3.1%
Boone	124	2.5%
Daviess	118	2.4%
Hardin	113	2.3%
Madison	111	2.2%
Muhlenberg	107	2.2%
Campbell	98	2.0%
Oldham	83	1.7%
Shelby	82	1.7%
Laurel	76	1.5%
Hopkins	75	1.5%
Henderson	72	1.5%
Perry	69	1.4%
Whitley	68	1.4%
Pike	65	1.3%
Nelson	63	1.3%
Graves	62	1.3%
Scott	61	1.2%
Bullitt	59	1.2%
Carter	59	1.2%
Bell	56	1.1%
Pulaski	56	1.1%
Clay	55	1.1%
Jessamine	53	1.1%
McCracken	52	1.1%
Greenup	51	1.0%
Boyle	48	1.0%

County	Cases	Percent
Marshall	48	1.0%
Knox	47	0.9%
Garrard	46	0.9%
Clark	45	0.9%
Franklin	43	0.9%
Mercer	37	0.7%
Rockcastle	37	0.7%
Barren	36	0.7%
Floyd	33	0.7%
Harlan	32	0.6%
Calloway	31	0.6%
Logan	31	0.6%
Allen	30	0.6%
Grayson	30	0.6%
Adair	27	0.5%
Jackson	27	0.5%
Ohio	27	0.5%
Marion	26	0.5%
Leslie	25	0.5%
Anderson	23	0.5%
Estill	23	0.5%
Grant	23	0.5%
Henry	23	0.5%
Knott	23	0.5%
Meade	23	0.5%
Webster	23	0.5%
Woodford	23	0.5%
Simpson	22	0.4%
Taylor	22	0.4%
Powell	21	0.4%

County	Cases	Percent
Bourbon	20	0.4%
Rowan	20	0.4%
Union	20	0.4%
Livingston	19	0.4%
Clinton	18	0.4%
Mason	18	0.4%
Larue	17	0.3%
Lawrence	17	0.3%
Russell	17	0.3%
Breathitt	16	0.3%
Morgan	16	0.3%
Trigg	16	0.3%
Washington	16	0.3%
Boyd	15	0.3%
Green	15	0.3%
Lincoln	15	0.3%
Lyon	15	0.3%
McCreary	15	0.3%
Spencer	15	0.3%
Todd	15	0.3%
Pendleton	14	0.3%
Harrison	13	0.3%
Lee	13	0.3%
Christian	12	0.2%
Lewis	12	0.2%
Breckinridge	11	0.2%
Fleming	11	0.2%
Letcher	11	0.2%
McLean	11	0.2%
Wayne	11	0.2%

County	Cases	Percent
Carroll	10	0.2%
Cumberland	10	0.2%
Hart	10	0.2%
Monroe	10	0.2%
Butler	9	0.2%
Casey	9	0.2%
Magoffin	9	0.2%
Caldwell	8	0.2%
Crittenden	7	0.1%
Montgomery	7	0.1%
Edmonson	6	0.1%
Gallatin	6	0.1%
Hickman	6	0.1%
Nicholas	6	0.1%
Trimble	6	0.1%
Wolfe	6	0.1%
Ballard	5	0.1%
Bath	5	0.1%
Bracken	5	0.1%
Carlisle	5	0.1%
Hancock	5	0.1%
Johnson	5	0.1%
Metcalfe	5	0.1%
Owsley	5	0.1%
Owen	4	0.1%
Robertson	4	0.1%
Fulton	3	0.1%
Elliott	2	0.0%
Martin	2	0.0%
Menifee	0	0.0%

Total New Cases
4,950

Total Deaths by County

County	Deaths	Percent
Jefferson	1,938	15.0%
Fayette	511	3.9%
Hardin	382	2.9%
Daviess	343	2.6%
Kenton	333	2.6%
Warren	319	2.5%
Boone	243	1.9%
Pulaski	243	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	148	1.1%
Whitley	147	1.1%
Graves	144	1.1%
Henderson	141	1.1%
Perry	138	1.1%
Campbell	137	1.1%
Shelby	136	1.0%
Nelson	126	1.0%
Bell	123	0.9%
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	107	0.8%
Taylor	106	0.8%
Adair	95	0.7%
Mercer	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	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
12,960

Incidence Rates by County

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

County	Rate
Muhlenberg	359.2
Hopkins	345.6
McCracken	343.5
Mercer	327.6
Powell	327.1
Clay	320.9
Whitley	314.4
Hardin	304.6
Daviess	289.6
Marshall	277.4
Harrison	276.1
Caldwell	274.6
Marion	270.5
Grayson	265.4
Knox	265.1
Allen	264.1
Leslie	263.2
Webster	260.5
Carter	260.2
McLean	257.6
Larue	256.0
Owsley	255.6
Nelson	247.5
Lewis	243.2
Breathitt	243.2
Monroe	242.8
Hancock	242.4
Spencer	234.8
Simpson	234.6
Russell	232.7

County	Rate
Meade	232.5
Ohio	231.0
Henry	226.8
Henderson	224.3
Boyle	222.4
Wolfe	221.6
Bourbon	219.5
Letcher	219.4
Scott	218.3
Garrard	215.9
Jackson	214.4
Madison	214.0
Lee	212.3
Boyd	211.6
Washington	210.2
Woodford	206.8
Greenup	206.8
Logan	206.6
Shelby	206.6
Graves	206.2
Johnson	205.4
Union	204.6
Bell	204.1
Jessamine	203.3
Perry	201.3
Magoffin	200.9
Floyd	199.9
Clark	199.3
Jefferson	196.7
Warren	195.2

County	Rate
Anderson	194.7
Rockcastle	193.4
Cumberland	192.2
Lawrence	192.1
Bullitt	191.5
Elliott	190.0
Harlan	187.3
Mason	185.0
Breckinridge	184.9
Knott	183.3
Oldham	182.9
Carroll	182.8
Lyon	181.0
Clinton	179.0
Franklin	172.6
Livingston	172.5
Fleming	172.4
Fayette	170.4
Green	168.4
Gallatin	167.5
Rowan	161.2
Taylor	160.2
Pendleton	159.6
Bracken	158.3
Robertson	155.9
Adair	154.7
Ballard	153.9
Barren	151.1
Calloway	150.5
Pike	149.8

County	Rate
Todd	146.4
Butler	144.2
Nicholas	143.5
Edmonson	142.3
Menifee	138.7
Owen	137.6
Martin	136.5
Estill	133.7
Trimble	133.2
Trigg	130.7
Metcalfe	127.7
Carlisle	126.1
Laurel	124.3
Morgan	117.0
Boone	114.1
Bath	113.1
Fulton	112.5
Pulaski	112.1
Hart	108.1
Casey	107.9
Lincoln	107.7
Christian	107.3
Campbell	104.6
Hickman	104.4
Crittenden	103.8
Kenton	100.2
McCreary	97.0
Montgomery	95.9
Grant	82.6
Wayne	73.1

Current Overall Incidence Rate
193.77 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.