

KY COVID-19 Report 31JAN21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	362,890	284,053	78,837
Deaths	3,745	3,418	327
New Cases	1,768	1,240	528
New Cases 18 and Under	282	191	91
New Deaths	31	27	4

2 duplicates and records not meeting case criteria removed since last report

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
14,746	4.1%	0-9	0.0%	1
37,129	10.2%	10-19	0.0%	1
66,315	18.3%	20-29	0.0%	1
55,803	15.4%	30-39	0.6%	24
54,668	15.1%	40-49	1.7%	62
52,567	14.5%	50-59	5.7%	214
40,619	11.2%	60-69	16.7%	624
24,674	6.8%	70-79	27.0%	1,012
16,195	4.5%	80+	48.2%	1,806
174	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
702	0.3%	American Indian	0.1%	3
3,241	1.2%	Asian	0.6%	20
23,733	8.5%	Black	8.8%	302
323	0.1%	Pacific Islander	0.0%	1
237,091	85.0%	White	87.8%	3,013
13,938	5.0%	Multiracial	2.7%	91

Cases	Case Percent	Ethnicity	Death Percent	Deaths
15,642	5.8%	Hispanic	1.9%	61
256,353	94.2%	Non-Hispanic	98.1%	3,232

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 76.9% of cases and 91.6% of deaths
Ethnicity known for 75.0% of cases and 87.9% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	43,943	12.1%
Deaths	2,258	60.3%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
7,605	86,326	8.81%

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
4,035,018	3,590,222	108,050	336,746	266,418	227,750	8,510	30,158

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	16,687	4.60%
Ever ICU	3,565	0.98%
Recovered	43,380	11.95%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,327
ICU	354
On Ventilator	173

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,696	4,594	65.4%
ICU Beds	1,213	590	67.3%
Ventilators	609	1,175	34.1%

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	62	18	11	7.8%	17.6%	11.1%	54.80%	55.88%	30.30%
Region 2	69	18	10	8.4%	14.8%	11.6%	53.52%	52.46%	34.88%
Region 3	420	95	64	11.0%	18.2%	14.6%	63.98%	64.11%	37.07%
Region 4	84	24	7	9.9%	22.2%	5.9%	57.28%	79.63%	20.17%
Region 5	244	55	28	8.8%	13.2%	5.4%	71.39%	74.04%	36.24%
Region 6	158	41	14	12.4%	23.4%	12.5%	83.57%	54.29%	55.36%
Region 7	48	7	5	7.7%	10.9%	4.3%	68.10%	81.25%	21.37%
Region 8	128	42	22	10.7%	30.9%	15.7%	61.57%	78.68%	32.86%
Region 9	84	23	9	12.6%	20.2%	9.0%	66.97%	58.77%	23.00%
Region 10	30	31	3	6.3%	68.9%	5.2%	50.63%	95.56%	34.48%

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 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

Total Cases by County

County	Cases	Percent
Jefferson	66,170	18.2%
Fayette	29,758	8.2%
Warren	13,311	3.7%
Kenton	12,843	3.5%
Boone	10,766	3.0%
Daviess	8,571	2.4%
Hardin	7,977	2.2%
Madison	7,585	2.1%
Campbell	6,734	1.9%
Oldham	6,430	1.8%
Christian	5,741	1.6%
Bullitt	5,528	1.5%
McCracken	5,221	1.4%
Laurel	5,140	1.4%
Pulaski	5,129	1.4%
Pike	4,549	1.3%
Boyd	4,257	1.2%
Nelson	4,103	1.1%
Henderson	3,997	1.1%
Shelby	3,893	1.1%
Whitley	3,694	1.0%
Graves	3,680	1.0%
Jessamine	3,655	1.0%
Hopkins	3,559	1.0%
Barren	3,497	1.0%
Scott	3,482	1.0%
Calloway	3,220	0.9%
Franklin	3,191	0.9%
Greenup	3,088	0.9%
Boyle	2,962	0.8%

County	Cases	Percent
Floyd	2,719	0.7%
Knox	2,584	0.7%
Muhlenberg	2,554	0.7%
Bell	2,433	0.7%
Taylor	2,300	0.6%
Marshall	2,244	0.6%
Harlan	2,223	0.6%
Logan	2,207	0.6%
Clay	2,197	0.6%
Mercer	2,158	0.6%
Clark	2,152	0.6%
Ohio	2,080	0.6%
Perry	2,003	0.6%
Montgomery	1,967	0.5%
Marion	1,917	0.5%
Morgan	1,910	0.5%
Lincoln	1,908	0.5%
Carter	1,833	0.5%
Wayne	1,828	0.5%
Woodford	1,762	0.5%
Rowan	1,737	0.5%
Grayson	1,734	0.5%
Meade	1,673	0.5%
Grant	1,668	0.5%
Hart	1,644	0.5%
Johnson	1,559	0.4%
Allen	1,547	0.4%
Simpson	1,516	0.4%
Letcher	1,494	0.4%
McCreary	1,472	0.4%

County	Cases	Percent
Anderson	1,447	0.4%
Adair	1,444	0.4%
Bourbon	1,406	0.4%
Russell	1,389	0.4%
Harrison	1,355	0.4%
Spencer	1,314	0.4%
Garrard	1,274	0.4%
Mason	1,244	0.3%
Clinton	1,234	0.3%
Rockcastle	1,209	0.3%
Union	1,196	0.3%
Washington	1,167	0.3%
Monroe	1,160	0.3%
Butler	1,157	0.3%
Caldwell	1,155	0.3%
Lee	1,127	0.3%
Jackson	1,107	0.3%
Lawrence	1,080	0.3%
Henry	1,079	0.3%
Casey	1,076	0.3%
Larue	1,062	0.3%
Webster	1,050	0.3%
Lewis	1,015	0.3%
Fleming	996	0.3%
Breckinridge	995	0.3%
Green	968	0.3%
Trigg	958	0.3%
Todd	945	0.3%
Elliott	902	0.2%
Knott	892	0.2%

County	Cases	Percent
Estill	891	0.2%
Powell	884	0.2%
Martin	857	0.2%
Breathitt	830	0.2%
Pendleton	826	0.2%
Metcalfe	813	0.2%
Magoffin	807	0.2%
Carroll	806	0.2%
McLean	775	0.2%
Hancock	733	0.2%
Edmonson	716	0.2%
Bath	701	0.2%
Leslie	695	0.2%
Livingston	646	0.2%
Cumberland	600	0.2%
Gallatin	572	0.2%
Owen	563	0.2%
Trimble	526	0.1%
Crittenden	506	0.1%
Bracken	446	0.1%
Fulton	438	0.1%
Lyon	422	0.1%
Nicholas	420	0.1%
Carlisle	404	0.1%
Wolfe	384	0.1%
Owsley	364	0.1%
Menifee	333	0.1%
Ballard	308	0.1%
Hickman	279	0.1%
Robertson	179	0.0%

Total Cases
362,890

New Cases by County

County	Cases	Percent
Jefferson	251	14.2%
Fayette	148	8.4%
Warren	67	3.8%
Kenton	63	3.6%
Daviess	56	3.2%
Campbell	50	2.8%
Boone	49	2.8%
Madison	47	2.7%
Taylor	45	2.5%
Bullitt	43	2.4%
Calloway	43	2.4%
Franklin	43	2.4%
Pike	39	2.2%
Nelson	35	2.0%
Oldham	34	1.9%
Boyd	33	1.9%
Floyd	33	1.9%
Henderson	30	1.7%
Barren	24	1.4%
Hardin	21	1.2%
Jessamine	21	1.2%
Greenup	20	1.1%
Caldwell	19	1.1%
Pulaski	19	1.1%
Shelby	19	1.1%
Grayson	17	1.0%
McCreary	17	1.0%
Christian	16	0.9%
Muhlenberg	16	0.9%
Scott	16	0.9%

County	Cases	Percent
Carter	15	0.8%
Estill	15	0.8%
Graves	15	0.8%
Marshall	15	0.8%
Marion	14	0.8%
Lincoln	13	0.7%
Logan	12	0.7%
Perry	12	0.7%
Rowan	12	0.7%
Wayne	12	0.7%
Mason	11	0.6%
Metcalfe	11	0.6%
Trigg	11	0.6%
Anderson	10	0.6%
Bell	10	0.6%
Edmonson	10	0.6%
McCracken	10	0.6%
Cumberland	8	0.5%
Grant	8	0.5%
Letcher	8	0.5%
Lyon	8	0.5%
Whitley	8	0.5%
Boyle	7	0.4%
Harlan	7	0.4%
Butler	6	0.3%
Clay	6	0.3%
Spencer	6	0.3%
Bourbon	5	0.3%
Casey	5	0.3%
Clinton	5	0.3%

County	Cases	Percent
Hancock	5	0.3%
Harrison	5	0.3%
Hopkins	5	0.3%
Laurel	5	0.3%
Lawrence	5	0.3%
Livingston	5	0.3%
Ohio	5	0.3%
Hart	4	0.2%
Henry	4	0.2%
Johnson	4	0.2%
McLean	4	0.2%
Montgomery	4	0.2%
Morgan	4	0.2%
Owen	4	0.2%
Woodford	4	0.2%
Adair	3	0.2%
Allen	3	0.2%
Bath	3	0.2%
Breckinridge	3	0.2%
Clark	3	0.2%
Crittenden	3	0.2%
Gallatin	3	0.2%
Garrard	3	0.2%
Meade	3	0.2%
Todd	3	0.2%
Trimble	3	0.2%
Webster	3	0.2%
Bracken	2	0.1%
Fleming	2	0.1%
Hickman	2	0.1%

County	Cases	Percent
Larue	2	0.1%
Menifee	2	0.1%
Nicholas	2	0.1%
Pendleton	2	0.1%
Robertson	2	0.1%
Russell	2	0.1%
Simpson	2	0.1%
Washington	2	0.1%
Breathitt	1	0.1%
Fulton	1	0.1%
Jackson	1	0.1%
Knott	1	0.1%
Knox	1	0.1%
Lee	1	0.1%
Leslie	1	0.1%
Lewis	1	0.1%
Magoffin	1	0.1%
Mercer	1	0.1%
Monroe	1	0.1%
Rockcastle	1	0.1%
Union	1	0.1%
Wolfe	1	0.1%
Ballard	0	0.0%
Carlisle	0	0.0%
Carroll	0	0.0%
Elliott	0	0.0%
Green	0	0.0%
Martin	0	0.0%
Owsley	0	0.0%
Powell	0	0.0%

Total New Cases
1,768

Total Deaths by County

County	Deaths	Percent
Jefferson	690	18.4%
Fayette	181	4.8%
Daviess	141	3.8%
Hopkins	111	3.0%
Warren	106	2.8%
Kenton	93	2.5%
Christian	71	1.9%
Hardin	68	1.8%
Oldham	66	1.8%
Pulaski	66	1.8%
Graves	63	1.7%
McCracken	56	1.5%
Madison	56	1.5%
Henderson	54	1.4%
Harlan	53	1.4%
Boone	52	1.4%
Jessamine	48	1.3%
Adair	47	1.3%
Logan	46	1.2%
Pike	46	1.2%
Grayson	42	1.1%
Muhlenberg	42	1.1%
Campbell	40	1.1%
Ohio	40	1.1%
Barren	39	1.0%
Boyd	35	0.9%
Marshall	35	0.9%
Monroe	35	0.9%
Russell	34	0.9%
Bullitt	33	0.9%

County	Deaths	Percent
Calloway	33	0.9%
Shelby	33	0.9%
Bell	32	0.9%
Lewis	30	0.8%
Lincoln	30	0.8%
Casey	29	0.8%
Wayne	28	0.7%
Jackson	27	0.7%
Taylor	27	0.7%
Mason	26	0.7%
Boyle	25	0.7%
Nelson	25	0.7%
Perry	25	0.7%
Franklin	24	0.6%
McLean	24	0.6%
Scott	24	0.6%
Greenup	23	0.6%
Washington	23	0.6%
Clay	22	0.6%
Clinton	22	0.6%
Hart	22	0.6%
Allen	21	0.6%
Caldwell	21	0.6%
Montgomery	21	0.6%
Simpson	21	0.6%
Carter	20	0.5%
Floyd	20	0.5%
Marion	20	0.5%
Todd	20	0.5%
Butler	18	0.5%

County	Deaths	Percent
Laurel	18	0.5%
Lee	18	0.5%
Johnson	17	0.5%
Webster	17	0.5%
Clark	16	0.4%
Gallatin	16	0.4%
Livingston	16	0.4%
Edmonson	15	0.4%
McCreary	15	0.4%
Bath	14	0.4%
Crittenden	14	0.4%
Knott	14	0.4%
Mercer	14	0.4%
Whitley	14	0.4%
Green	13	0.3%
Hancock	13	0.3%
Metcalfe	13	0.3%
Anderson	12	0.3%
Fleming	12	0.3%
Grant	12	0.3%
Lyon	12	0.3%
Rockcastle	12	0.3%
Knox	11	0.3%
Martin	11	0.3%
Union	11	0.3%
Carroll	10	0.3%
Lawrence	10	0.3%
Menifee	10	0.3%
Owsley	10	0.3%
Robertson	10	0.3%

County	Deaths	Percent
Rowan	8	0.2%
Cumberland	7	0.2%
Hickman	7	0.2%
Larue	7	0.2%
Meade	7	0.2%
Owen	7	0.2%
Trigg	7	0.2%
Henry	6	0.2%
Letcher	6	0.2%
Breckinridge	5	0.1%
Harrison	5	0.1%
Nicholas	5	0.1%
Spencer	5	0.1%
Bourbon	4	0.1%
Fulton	4	0.1%
Garrard	4	0.1%
Wolfe	4	0.1%
Woodford	4	0.1%
Ballard	3	0.1%
Bracken	3	0.1%
Breathitt	3	0.1%
Trimble	3	0.1%
Leslie	2	0.1%
Carlisle	1	0.0%
Elliott	1	0.0%
Magoffin	1	0.0%
Pendleton	1	0.0%
Estill	0	0.0%
Morgan	0	0.0%
Powell	0	0.0%

Total Deaths
3,745

Incidence Rates by County

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

County	Rate
Morgan	131.0
Metcalfe	96.5
Butler	91.0
McCreary	83.7
Clinton	82.5
Cumberland	82.1
Taylor	81.5
Floyd	81.1
Hart	81.1
Daviess	80.8
Nelson	77.2
Pike	73.6
Calloway	72.2
Knox	72.0
Barren	72.0
Hancock	68.8
McLean	66.7
Whitley	63.8
Franklin	62.5
Edmonson	61.1
Harrison	59.8
Larue	59.5
Casey	59.2
Washington	59.1
Harlan	58.8
Martin	56.1
Jessamine	55.7
Marion	55.6
Bourbon	54.1
Anderson	53.4

County	Rate
Kenton	53.4
Graves	53.3
Boyd	53.2
Fayette	53.1
Pulaski	53.0
Campbell	52.8
Fleming	51.9
Laurel	51.9
Logan	51.7
Henderson	51.5
Owen	51.1
Johnson	50.9
Madison	50.1
Monroe	49.6
Caldwell	49.3
Allen	48.9
Meade	48.0
Hopkins	47.6
Muhlenberg	47.1
Green	47.0
Bullitt	46.2
Trigg	45.8
Boone	45.7
Grant	45.6
Bell	45.5
Marshall	45.5
Warren	45.5
Ohio	45.2
Livingston	45.1
Clay	44.5

County	Rate
Carter	43.7
Leslie	43.4
Grayson	43.2
Webster	43.0
Boyle	42.8
Russell	42.2
Jefferson	42.2
Lewis	42.0
Shelby	42.0
Bracken	41.3
Simpson	40.8
Lincoln	40.7
Union	40.7
Woodford	40.6
Powell	40.5
Carroll	40.3
Greenup	40.3
Rockcastle	40.2
Lawrence	39.2
Oldham	39.1
Trimble	38.8
Scott	38.6
Estill	38.5
Perry	37.7
Hardin	37.3
Pendleton	37.2
Henry	37.2
Gallatin	37.0
Mason	36.8
Christian	36.7

County	Rate
Lyon	36.5
Spencer	36.2
Todd	36.0
Fulton	35.9
Garrard	35.6
Breathitt	35.1
Letcher	34.5
Breckinridge	31.4
Adair	31.2
Menifee	30.8
Mercer	30.6
Rowan	30.4
Hickman	29.4
McCracken	29.0
Wayne	28.1
Nicholas	27.5
Clark	26.4
Wolfe	24.0
Jackson	23.6
Montgomery	22.8
Magoffin	22.3
Carlisle	21.0
Robertson	20.3
Bath	19.4
Knott	15.4
Crittenden	14.6
Ballard	12.7
Owsley	9.7
Lee	9.6
Elliott	3.8

Current Overall Incidence Rate
48.37 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.