

KY COVID-19 Report 15JAN21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	321,270	255,670	65,600
Deaths	3,061	2,829	232
New Cases	3,955	3,076	879
New Cases 18 and Under	491	380	111
New Deaths	19	16	3

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
12,644	3.9%	0-9	0.0%	1
32,323	10.1%	10-19	0.0%	1
59,248	18.4%	20-29	0.0%	1
49,469	15.4%	30-39	0.7%	21
48,266	15.0%	40-49	1.7%	51
46,332	14.4%	50-59	5.9%	180
35,924	11.2%	60-69	16.8%	513
22,035	6.9%	70-79	25.9%	794
14,866	4.6%	80+	49.0%	1,499
163	0.1%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
609	0.2%	American Indian	0.1%	2
2,942	1.2%	Asian	0.7%	19
21,513	8.6%	Black	9.1%	256
267	0.1%	Pacific Islander	0.0%	1
212,952	85.0%	White	87.4%	2,456
12,357	4.9%	Multiracial	2.7%	75

Cases	Case Percent	Ethnicity	Death Percent	Deaths
14,406	6.1%	Hispanic	2.0%	53
223,533	93.9%	Non-Hispanic	98.0%	2,651

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 78.0% of cases and 91.8% of deaths
Ethnicity known for 74.1% of cases and 88.3% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	41,475	12.9%
Deaths	2,123	69.4%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
12,790	105,794	12.09%

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
3,735,920	3,392,110	104,448	239,362	240,054	208,553	7,617	23,884

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	15,102	4.70%
Ever ICU	3,320	1.03%
Recovered	40,100	12.48%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,644
ICU	392
On Ventilator	203

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,994	4,285	67.7%
ICU Beds	1,187	616	65.8%
Ventilators	577	1,224	32.0%

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	83	25	10	10.5%	24.5%	10.1%	58.21%	70.59%	21.21%
Region 2	107	32	19	13.0%	26.2%	22.9%	51.33%	44.26%	37.35%
Region 3	480	97	57	12.6%	18.6%	13.0%	66.29%	61.23%	33.41%
Region 4	101	31	20	11.9%	28.7%	16.5%	56.69%	81.48%	24.79%
Region 5	290	67	34	10.5%	16.1%	6.5%	74.72%	69.23%	37.28%
Region 6	143	44	21	11.3%	25.1%	18.8%	79.95%	54.29%	56.25%
Region 7	98	12	2	15.6%	18.8%	1.7%	73.21%	79.69%	4.17%
Region 8	164	41	20	13.7%	30.1%	13.4%	67.59%	86.03%	30.87%
Region 9	127	24	15	19.1%	21.1%	15.0%	70.12%	57.02%	22.00%
Region 10	51	19	5	10.8%	42.2%	8.8%	59.92%	84.44%	31.58%

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	59,354	18.5%
Fayette	26,703	8.3%
Warren	11,992	3.7%
Kenton	11,099	3.5%
Boone	9,406	2.9%
Daviess	7,287	2.3%
Hardin	7,145	2.2%
Madison	6,743	2.1%
Campbell	5,624	1.8%
Oldham	5,441	1.7%
Christian	5,169	1.6%
Bullitt	4,903	1.5%
McCracken	4,839	1.5%
Laurel	4,548	1.4%
Pulaski	4,492	1.4%
Boyd	3,807	1.2%
Pike	3,792	1.2%
Henderson	3,564	1.1%
Nelson	3,546	1.1%
Shelby	3,485	1.1%
Whitley	3,273	1.0%
Graves	3,271	1.0%
Hopkins	3,229	1.0%
Jessamine	3,074	1.0%
Scott	3,030	0.9%
Barren	2,971	0.9%
Boyle	2,807	0.9%
Calloway	2,799	0.9%
Greenup	2,775	0.9%
Franklin	2,552	0.8%

County	Cases	Percent
Muhlenberg	2,322	0.7%
Floyd	2,287	0.7%
Knox	2,237	0.7%
Bell	2,181	0.7%
Taylor	2,061	0.6%
Clay	2,025	0.6%
Logan	1,962	0.6%
Harlan	1,930	0.6%
Marshall	1,926	0.6%
Clark	1,878	0.6%
Mercer	1,877	0.6%
Ohio	1,859	0.6%
Perry	1,835	0.6%
Montgomery	1,748	0.5%
Marion	1,729	0.5%
Lincoln	1,711	0.5%
Wayne	1,669	0.5%
Morgan	1,631	0.5%
Carter	1,623	0.5%
Woodford	1,538	0.5%
Grayson	1,527	0.5%
Rowan	1,512	0.5%
Grant	1,453	0.5%
Hart	1,407	0.4%
Meade	1,400	0.4%
Johnson	1,396	0.4%
Allen	1,389	0.4%
Simpson	1,385	0.4%
Letcher	1,343	0.4%
Adair	1,333	0.4%

County	Cases	Percent
McCreary	1,290	0.4%
Russell	1,268	0.4%
Anderson	1,232	0.4%
Bourbon	1,197	0.4%
Spencer	1,155	0.4%
Garrard	1,123	0.3%
Harrison	1,119	0.3%
Lee	1,096	0.3%
Mason	1,095	0.3%
Clinton	1,087	0.3%
Monroe	1,086	0.3%
Union	1,079	0.3%
Rockcastle	1,077	0.3%
Jackson	1,033	0.3%
Caldwell	1,030	0.3%
Washington	1,014	0.3%
Lawrence	987	0.3%
Butler	985	0.3%
Henry	957	0.3%
Larue	949	0.3%
Webster	940	0.3%
Casey	931	0.3%
Lewis	924	0.3%
Fleming	880	0.3%
Elliott	870	0.3%
Breckinridge	857	0.3%
Todd	853	0.3%
Green	840	0.3%
Knott	825	0.3%
Trigg	820	0.3%

County	Cases	Percent
Powell	792	0.2%
Estill	786	0.2%
Martin	769	0.2%
Magoffin	766	0.2%
Breathitt	756	0.2%
Pendleton	730	0.2%
Carroll	726	0.2%
Metcalfe	696	0.2%
McLean	668	0.2%
Bath	628	0.2%
Edmonson	626	0.2%
Hancock	621	0.2%
Leslie	620	0.2%
Livingston	572	0.2%
Cumberland	512	0.2%
Gallatin	508	0.2%
Owen	495	0.2%
Trimble	465	0.1%
Crittenden	461	0.1%
Fulton	394	0.1%
Carlisle	383	0.1%
Bracken	376	0.1%
Lyon	375	0.1%
Nicholas	374	0.1%
Wolfe	357	0.1%
Owsley	354	0.1%
Ballard	278	0.1%
Menifee	274	0.1%
Hickman	251	0.1%
Robertson	163	0.1%

Total Cases
321,270

New Cases by County

County	Cases	Percent
Jefferson	584	14.8%
Oldham	279	7.1%
Fayette	254	6.4%
Kenton	227	5.7%
Boone	160	4.0%
Warren	129	3.3%
Daviess	116	2.9%
Hardin	97	2.5%
Laurel	87	2.2%
Campbell	72	1.8%
Madison	70	1.8%
Christian	62	1.6%
Pike	60	1.5%
Bullitt	53	1.3%
Pulaski	53	1.3%
Hopkins	51	1.3%
Scott	50	1.3%
Franklin	49	1.2%
Nelson	46	1.2%
Clark	43	1.1%
McCracken	41	1.0%
Jessamine	40	1.0%
Henderson	39	1.0%
Shelby	39	1.0%
Boyle	38	1.0%
Barren	35	0.9%
Graves	35	0.9%
Greenup	34	0.9%
Whitley	32	0.8%
Floyd	31	0.8%

County	Cases	Percent
Mercer	30	0.8%
Morgan	30	0.8%
Knox	28	0.7%
Montgomery	27	0.7%
Calloway	25	0.6%
Ohio	25	0.6%
Meade	23	0.6%
Woodford	23	0.6%
Bell	22	0.6%
Boyd	22	0.6%
Carter	22	0.6%
Muhlenberg	22	0.6%
Marshall	21	0.5%
Bourbon	20	0.5%
Clay	19	0.5%
Letcher	19	0.5%
Lincoln	19	0.5%
Estill	18	0.5%
Breathitt	17	0.4%
Grant	16	0.4%
Hancock	16	0.4%
Harrison	16	0.4%
Hart	16	0.4%
Rockcastle	16	0.4%
Simpson	16	0.4%
Spencer	16	0.4%
Wayne	16	0.4%
Mason	15	0.4%
Perry	15	0.4%
Leslie	14	0.4%

County	Cases	Percent
Logan	14	0.4%
Allen	13	0.3%
Anderson	13	0.3%
Johnson	13	0.3%
Larue	13	0.3%
Marion	13	0.3%
Clinton	12	0.3%
Grayson	12	0.3%
Henry	12	0.3%
Jackson	12	0.3%
Pendleton	12	0.3%
Rowan	12	0.3%
Union	12	0.3%
Harlan	11	0.3%
Monroe	11	0.3%
Russell	11	0.3%
Taylor	11	0.3%
Webster	11	0.3%
Garrard	10	0.3%
McCreary	10	0.3%
Todd	10	0.3%
Carroll	9	0.2%
Lawrence	9	0.2%
Washington	9	0.2%
Breckinridge	8	0.2%
Butler	8	0.2%
Lewis	8	0.2%
Owen	8	0.2%
Powell	8	0.2%
Trigg	8	0.2%

County	Cases	Percent
Bracken	7	0.2%
Caldwell	7	0.2%
Carlisle	7	0.2%
Edmonson	7	0.2%
Gallatin	7	0.2%
McLean	7	0.2%
Martin	7	0.2%
Wolfe	6	0.2%
Adair	5	0.1%
Bath	5	0.1%
Fleming	5	0.1%
Livingston	5	0.1%
Nicholas	5	0.1%
Ballard	4	0.1%
Fulton	4	0.1%
Lee	4	0.1%
Casey	3	0.1%
Elliott	3	0.1%
Green	3	0.1%
Lyon	3	0.1%
Magoffin	3	0.1%
Owsley	3	0.1%
Trimble	3	0.1%
Cumberland	2	0.1%
Hickman	2	0.1%
Knott	2	0.1%
Metcalfe	2	0.1%
Menifee	1	0.0%
Crittenden	0	0.0%
Robertson	0	0.0%

Total New Cases
3,955

Total Deaths by County

County	Deaths	Percent
Jefferson	592	19.3%
Fayette	160	5.2%
Hopkins	101	3.3%
Warren	85	2.8%
Kenton	78	2.5%
Daviess	77	2.5%
Christian	57	1.9%
Pulaski	56	1.8%
Graves	54	1.8%
Hardin	53	1.7%
Jessamine	48	1.6%
McCracken	47	1.5%
Oldham	47	1.5%
Boone	46	1.5%
Henderson	46	1.5%
Adair	43	1.4%
Madison	43	1.4%
Logan	42	1.4%
Pike	39	1.3%
Grayson	37	1.2%
Barren	35	1.1%
Muhlenberg	35	1.1%
Campbell	34	1.1%
Russell	33	1.1%
Boyd	31	1.0%
Bullitt	31	1.0%
Bell	30	1.0%
Ohio	30	1.0%
Calloway	29	0.9%
Shelby	29	0.9%

County	Deaths	Percent
Lewis	28	0.9%
Lincoln	28	0.9%
Monroe	28	0.9%
Casey	26	0.8%
Harlan	26	0.8%
Marshall	25	0.8%
Scott	24	0.8%
Mason	23	0.8%
Franklin	22	0.7%
Jackson	22	0.7%
Nelson	22	0.7%
Greenup	21	0.7%
Taylor	21	0.7%
McLean	20	0.7%
Marion	20	0.7%
Allen	19	0.6%
Clinton	19	0.6%
Wayne	19	0.6%
Carter	18	0.6%
Lee	18	0.6%
Caldwell	17	0.6%
Laurel	17	0.6%
Perry	17	0.6%
Butler	16	0.5%
Clark	16	0.5%
Floyd	16	0.5%
Johnson	16	0.5%
Todd	16	0.5%
Washington	16	0.5%
Livingston	15	0.5%

County	Deaths	Percent
Montgomery	15	0.5%
Knott	14	0.5%
Whitley	14	0.5%
Edmonson	13	0.4%
Boyle	12	0.4%
Clay	12	0.4%
Gallatin	12	0.4%
Rockcastle	12	0.4%
Simpson	12	0.4%
Webster	12	0.4%
Green	11	0.4%
Hancock	11	0.4%
Mercer	11	0.4%
Bath	10	0.3%
Grant	10	0.3%
Hart	10	0.3%
Knox	10	0.3%
Martin	10	0.3%
Owsley	10	0.3%
Metcalfe	9	0.3%
Union	9	0.3%
Carroll	8	0.3%
Lyon	8	0.3%
Robertson	8	0.3%
Hickman	7	0.2%
Cumberland	6	0.2%
Larue	6	0.2%
McCreary	6	0.2%
Owen	6	0.2%
Breckinridge	5	0.2%

County	Deaths	Percent
Henry	5	0.2%
Lawrence	5	0.2%
Meade	5	0.2%
Spencer	5	0.2%
Anderson	4	0.1%
Fleming	4	0.1%
Fulton	4	0.1%
Garrard	4	0.1%
Letcher	4	0.1%
Nicholas	4	0.1%
Wolfe	4	0.1%
Woodford	4	0.1%
Ballard	3	0.1%
Bracken	3	0.1%
Breathitt	3	0.1%
Crittenden	3	0.1%
Rowan	3	0.1%
Trigg	3	0.1%
Harrison	2	0.1%
Leslie	2	0.1%
Menifee	2	0.1%
Trimble	2	0.1%
Bourbon	1	0.0%
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
3,061

Incidence Rates by County

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

County	Rate
Morgan	758.9
Clinton	191.5
Oldham	186.1
Clay	154.3
Harrison	124.8
Wayne	119.4
Hancock	117.9
Caldwell	113.2
Taylor	109.8
Ohio	109.0
Henderson	104.9
Butler	102.0
Pulaski	101.1
Carroll	99.4
Nelson	98.6
Kenton	97.9
Mercer	95.1
Webster	93.8
Boone	93.8
Daviess	93.6
Laurel	93.0
Cumberland	90.7
Bell	90.5
Russell	88.5
Letcher	88.2
Boyd	87.5
Leslie	86.8
Graves	85.1
Pike	83.9
Warren	83.8

County	Rate
Madison	83.4
Knox	81.2
Washington	80.3
Campbell	80.1
Barren	79.4
Jackson	79.3
Whitley	78.8
Hart	78.1
Marion	77.1
Trigg	76.1
Calloway	75.8
Bracken	75.7
Floyd	74.7
Boyle	74.6
Greenup	74.5
Hopkins	74.2
Bourbon	73.6
McLean	72.9
Johnson	70.8
Rowan	70.7
Union	70.5
Perry	68.8
Todd	68.6
Allen	68.4
Clark	67.8
McCreary	67.2
Livingston	66.8
Jefferson	65.2
Crittenden	64.9
Monroe	64.4

County	Rate
Carter	64.0
Christian	63.7
Casey	63.7
Shelby	63.5
Muhlenberg	63.4
Fayette	63.4
Montgomery	63.4
Harlan	63.2
Bullitt	63.0
Lawrence	62.5
Simpson	60.8
Pendleton	60.7
Scott	60.1
Breathitt	59.9
Woodford	59.3
Breckinridge	59.3
Franklin	59.1
Trimble	59.0
Owen	59.0
Grant	58.7
Meade	58.5
Garrard	58.2
Hardin	58.2
Fleming	57.8
Carlisle	57.0
Gallatin	56.4
Grayson	56.2
Larue	55.6
Nicholas	55.0
Martin	54.9

County	Rate
Anderson	54.0
Rockcastle	53.9
Powell	53.2
Marshall	52.4
Jessamine	52.0
Adair	50.6
Henry	50.5
McCracken	49.6
Lincoln	48.3
Estill	47.6
Lewis	47.4
Green	47.0
Logan	46.9
Spencer	46.5
Wolfe	45.9
Hickman	45.7
Lyon	45.2
Metcalfe	42.6
Edmonson	42.3
Bath	40.0
Lee	38.6
Elliott	38.0
Ballard	36.2
Owsley	35.6
Menifee	33.0
Magoffin	32.9
Mason	31.0
Knott	28.0
Fulton	23.9
Robertson	13.6

Current Overall Incidence Rate
76.25 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.