

KY COVID-19 Report 17JAN21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	326,675	259,967	66,708
Deaths	3,127	2,884	243
New Cases	2,362	1,990	372
New Cases 18 and Under	293	241	52
New Deaths	34	26	8

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
12,883	3.9%	0-9	0.0%	1
32,881	10.1%	10-19	0.0%	1
60,221	18.4%	20-29	0.0%	1
50,278	15.4%	30-39	0.7%	21
49,122	15.0%	40-49	1.7%	53
47,140	14.4%	50-59	5.9%	183
36,537	11.2%	60-69	16.8%	524
22,392	6.9%	70-79	26.1%	816
15,059	4.6%	80+	48.8%	1,527
162	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
626	0.2%	American Indian	0.1%	2
3,000	1.2%	Asian	0.7%	19
21,842	8.6%	Black	9.0%	259
275	0.1%	Pacific Islander	0.0%	1
215,945	84.9%	White	87.5%	2,509
12,571	4.9%	Multiracial	2.7%	77

Cases	Case Percent	Ethnicity	Death Percent	Deaths
14,576	6.0%	Hispanic	2.0%	54
227,922	94.0%	Non-Hispanic	98.0%	2,708

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 77.8% of cases and 91.7% of deaths
Ethnicity known for 74.2% of cases and 88.3% of deaths

Long Term Care and Congregate Settings

Measure	Count	Percent
Cases	41,475	12.7%
Deaths	2,123	67.9%

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
12,193	106,139	11.49%

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
3,751,889	3,400,741	104,683	246,465	241,873	209,782	7,676	24,415

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	15,289	4.68%
Ever ICU	3,354	1.03%
Recovered	40,627	12.44%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,602
ICU	410
On Ventilator	212

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,664	4,615	65.2%
ICU Beds	1,187	616	65.8%
Ventilators	636	1,153	35.6%

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	71	22	14	9.0%	21.6%	14.1%	52.27%	54.90%	24.24%
Region 2	101	27	21	12.3%	22.1%	25.3%	50.97%	37.70%	46.99%
Region 3	498	108	55	13.1%	20.7%	12.6%	65.69%	64.11%	35.93%
Region 4	97	31	19	11.4%	28.7%	15.7%	56.22%	85.19%	23.97%
Region 5	276	76	39	10.0%	18.3%	7.5%	73.16%	70.43%	40.81%
Region 6	159	43	16	12.5%	24.6%	14.2%	80.98%	56.00%	53.10%
Region 7	79	15	6	12.6%	23.4%	5.1%	74.96%	87.50%	11.97%
Region 8	154	45	20	12.9%	33.1%	13.6%	55.64%	82.35%	37.41%
Region 9	121	23	15	18.2%	20.2%	15.0%	57.36%	52.63%	25.00%
Region 10	46	20	7	9.7%	44.4%	12.7%	58.65%	88.89%	40.00%

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	60,258	18.4%
Fayette	27,127	8.3%
Warren	12,138	3.7%
Kenton	11,335	3.5%
Boone	9,619	2.9%
Daviess	7,418	2.3%
Hardin	7,248	2.2%
Madison	6,819	2.1%
Campbell	5,734	1.8%
Oldham	5,676	1.7%
Christian	5,225	1.6%
Bullitt	4,971	1.5%
McCracken	4,880	1.5%
Laurel	4,613	1.4%
Pulaski	4,594	1.4%
Pike	3,906	1.2%
Boyd	3,865	1.2%
Henderson	3,640	1.1%
Nelson	3,597	1.1%
Shelby	3,545	1.1%
Graves	3,351	1.0%
Whitley	3,310	1.0%
Hopkins	3,262	1.0%
Jessamine	3,154	1.0%
Scott	3,093	0.9%
Barren	3,028	0.9%
Calloway	2,851	0.9%
Greenup	2,822	0.9%
Boyle	2,811	0.9%
Franklin	2,597	0.8%

County	Cases	Percent
Muhlenberg	2,349	0.7%
Floyd	2,339	0.7%
Knox	2,267	0.7%
Bell	2,218	0.7%
Taylor	2,103	0.6%
Clay	2,039	0.6%
Logan	1,997	0.6%
Harlan	1,966	0.6%
Marshall	1,958	0.6%
Clark	1,931	0.6%
Mercer	1,919	0.6%
Ohio	1,888	0.6%
Perry	1,857	0.6%
Montgomery	1,779	0.5%
Marion	1,746	0.5%
Lincoln	1,724	0.5%
Wayne	1,703	0.5%
Morgan	1,700	0.5%
Carter	1,653	0.5%
Woodford	1,565	0.5%
Rowan	1,551	0.5%
Grayson	1,548	0.5%
Grant	1,489	0.5%
Meade	1,427	0.4%
Hart	1,426	0.4%
Johnson	1,420	0.4%
Allen	1,406	0.4%
Simpson	1,406	0.4%
Letcher	1,358	0.4%
Adair	1,345	0.4%

County	Cases	Percent
McCreary	1,304	0.4%
Russell	1,286	0.4%
Anderson	1,261	0.4%
Bourbon	1,225	0.4%
Spencer	1,176	0.4%
Harrison	1,161	0.4%
Garrard	1,136	0.3%
Clinton	1,121	0.3%
Mason	1,103	0.3%
Lee	1,100	0.3%
Union	1,099	0.3%
Rockcastle	1,094	0.3%
Monroe	1,089	0.3%
Jackson	1,049	0.3%
Caldwell	1,044	0.3%
Washington	1,034	0.3%
Butler	998	0.3%
Lawrence	997	0.3%
Henry	972	0.3%
Webster	959	0.3%
Larue	957	0.3%
Casey	947	0.3%
Lewis	935	0.3%
Fleming	886	0.3%
Elliott	878	0.3%
Breckinridge	877	0.3%
Todd	872	0.3%
Green	851	0.3%
Trigg	839	0.3%
Knott	837	0.3%

County	Cases	Percent
Estill	801	0.2%
Powell	797	0.2%
Martin	781	0.2%
Magoffin	774	0.2%
Breathitt	764	0.2%
Pendleton	743	0.2%
Carroll	738	0.2%
Metcalfe	703	0.2%
McLean	684	0.2%
Hancock	638	0.2%
Edmonson	636	0.2%
Leslie	634	0.2%
Bath	633	0.2%
Livingston	578	0.2%
Gallatin	523	0.2%
Cumberland	520	0.2%
Owen	501	0.2%
Trimble	478	0.1%
Crittenden	465	0.1%
Fulton	408	0.1%
Bracken	387	0.1%
Carlisle	387	0.1%
Lyon	378	0.1%
Nicholas	378	0.1%
Wolfe	362	0.1%
Owsley	360	0.1%
Ballard	283	0.1%
Menifee	275	0.1%
Hickman	254	0.1%
Robertson	160	0.0%

Total Cases
326,675

New Cases by County

County	Cases	Percent
Jefferson	350	14.8%
Fayette	222	9.4%
Oldham	187	7.9%
Boone	131	5.5%
Kenton	119	5.0%
Pike	58	2.5%
Campbell	54	2.3%
Pulaski	53	2.2%
Daviess	49	2.1%
Graves	46	1.9%
Calloway	38	1.6%
Bullitt	37	1.6%
Madison	34	1.4%
Harrison	33	1.4%
McCracken	32	1.4%
Jessamine	31	1.3%
Christian	27	1.1%
Hardin	25	1.1%
Floyd	24	1.0%
Muhlenberg	24	1.0%
Scott	24	1.0%
Warren	24	1.0%
Barren	23	1.0%
Franklin	23	1.0%
Laurel	22	0.9%
Boyle	21	0.9%
Henderson	21	0.9%
Shelby	21	0.9%
Logan	19	0.8%
Ohio	19	0.8%

County	Cases	Percent
Rowan	19	0.8%
Clinton	17	0.7%
Boyd	16	0.7%
Greenup	16	0.7%
Anderson	15	0.6%
Bell	15	0.6%
Grant	15	0.6%
Woodford	15	0.6%
Breckinridge	14	0.6%
Carter	13	0.6%
Hopkins	13	0.6%
Marshall	13	0.6%
Nelson	13	0.6%
Perry	12	0.5%
Taylor	12	0.5%
Bourbon	11	0.5%
Johnson	11	0.5%
Letcher	11	0.5%
Meade	11	0.5%
Rockcastle	11	0.5%
Spencer	11	0.5%
Hart	10	0.4%
Leslie	10	0.4%
Harlan	9	0.4%
Russell	9	0.4%
Washington	9	0.4%
Webster	9	0.4%
Casey	8	0.3%
Grayson	8	0.3%
Jackson	8	0.3%

County	Cases	Percent
Knott	8	0.3%
Trimble	8	0.3%
Clark	7	0.3%
Estill	7	0.3%
Union	7	0.3%
Bath	6	0.3%
Gallatin	6	0.3%
Green	6	0.3%
Hancock	6	0.3%
Marion	6	0.3%
Martin	6	0.3%
Montgomery	6	0.3%
Simpson	6	0.3%
Whitley	6	0.3%
Elliott	5	0.2%
Fulton	5	0.2%
Lincoln	5	0.2%
McLean	5	0.2%
Todd	5	0.2%
Wayne	5	0.2%
Ballard	4	0.2%
Bracken	4	0.2%
Clay	4	0.2%
Cumberland	4	0.2%
Garrard	4	0.2%
Lawrence	4	0.2%
Morgan	4	0.2%
Owsley	4	0.2%
Pendleton	4	0.2%
Adair	3	0.1%

County	Cases	Percent
Breathitt	3	0.1%
Butler	3	0.1%
Carroll	3	0.1%
Henry	3	0.1%
Lee	3	0.1%
Trigg	3	0.1%
Allen	2	0.1%
Carlisle	2	0.1%
Knox	2	0.1%
Larue	2	0.1%
Lyon	2	0.1%
Mercer	2	0.1%
Metcalfe	2	0.1%
Monroe	2	0.1%
Owen	2	0.1%
Powell	2	0.1%
Caldwell	1	0.0%
Edmonson	1	0.0%
Fleming	1	0.0%
Hickman	1	0.0%
Livingston	1	0.0%
McCreary	1	0.0%
Magoffin	1	0.0%
Mason	1	0.0%
Wolfe	1	0.0%
Crittenden	0	0.0%
Lewis	0	0.0%
Menifee	0	0.0%
Nicholas	0	0.0%
Robertson	0	0.0%

Total New Cases
2,362

Total Deaths by County

County	Deaths	Percent
Jefferson	599	19.2%
Fayette	160	5.1%
Hopkins	101	3.2%
Warren	88	2.8%
Daviess	86	2.8%
Kenton	78	2.5%
Christian	60	1.9%
Pulaski	59	1.9%
Graves	54	1.7%
Hardin	53	1.7%
Jessamine	49	1.6%
Henderson	47	1.5%
McCracken	47	1.5%
Oldham	47	1.5%
Boone	46	1.5%
Madison	45	1.4%
Adair	43	1.4%
Logan	43	1.4%
Pike	39	1.2%
Grayson	37	1.2%
Muhlenberg	37	1.2%
Barren	35	1.1%
Campbell	34	1.1%
Russell	34	1.1%
Bell	32	1.0%
Boyd	32	1.0%
Bullitt	31	1.0%
Ohio	31	1.0%
Calloway	30	1.0%
Shelby	29	0.9%

County	Deaths	Percent
Lewis	28	0.9%
Lincoln	28	0.9%
Monroe	28	0.9%
Casey	27	0.9%
Harlan	26	0.8%
Marshall	25	0.8%
Mason	24	0.8%
Scott	24	0.8%
Franklin	23	0.7%
Nelson	23	0.7%
Jackson	22	0.7%
Taylor	22	0.7%
Greenup	21	0.7%
Clinton	20	0.6%
McLean	20	0.6%
Marion	20	0.6%
Wayne	20	0.6%
Allen	19	0.6%
Carter	18	0.6%
Lee	18	0.6%
Butler	17	0.5%
Caldwell	17	0.5%
Laurel	17	0.5%
Perry	17	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%
Simpson	15	0.5%
Clay	14	0.4%
Knott	14	0.4%
Webster	14	0.4%
Whitley	14	0.4%
Edmonson	13	0.4%
Gallatin	13	0.4%
Boyle	12	0.4%
Hart	12	0.4%
Metcalfe	12	0.4%
Rockcastle	12	0.4%
Green	11	0.4%
Hancock	11	0.4%
Mercer	11	0.4%
Bath	10	0.3%
Grant	10	0.3%
Knox	10	0.3%
Lyon	10	0.3%
Martin	10	0.3%
Owsley	10	0.3%
Union	9	0.3%
Carroll	8	0.3%
McCreary	8	0.3%
Robertson	8	0.3%
Hickman	7	0.2%
Owen	7	0.2%
Cumberland	6	0.2%
Larue	6	0.2%
Breckinridge	5	0.2%

County	Deaths	Percent
Fleming	5	0.2%
Henry	5	0.2%
Lawrence	5	0.2%
Meade	5	0.2%
Nicholas	5	0.2%
Spencer	5	0.2%
Anderson	4	0.1%
Fulton	4	0.1%
Garrard	4	0.1%
Letcher	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
3,127

Incidence Rates by County

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

County	Rate
Morgan	437.9
Oldham	205.3
Clinton	191.5
Wayne	132.1
Hancock	113.0
Harrison	108.9
Pulaski	104.4
Taylor	100.9
Graves	96.2
Kenton	94.4
Henderson	92.0
Ohio	91.1
Butler	91.0
Boone	90.2
Laurel	85.5
Leslie	85.3
Nelson	85.0
Russell	83.7
Daviess	83.6
Pike	83.2
Washington	81.5
Knox	78.9
Mercer	78.8
Bourbon	78.0
Bell	77.4
Campbell	76.6
Carroll	76.6
Cumberland	75.6
Madison	75.6
Webster	75.1

County	Rate
McLean	74.5
Boyle	74.1
Boyd	73.4
Whitley	73.3
Floyd	73.1
McCreary	73.0
Barren	70.7
Warren	70.0
Trimble	69.1
Union	68.5
Hart	67.5
Jackson	66.5
Greenup	66.3
Carter	65.6
Gallatin	64.4
Perry	64.3
Letcher	64.3
Caldwell	63.9
Casey	63.7
Calloway	63.4
Pendleton	62.7
Hopkins	62.7
Jefferson	62.3
Rowan	61.9
Johnson	61.8
Clay	61.0
Marion	60.8
Fayette	60.7
Lawrence	60.6
Grant	60.4

County	Rate
Todd	59.3
Scott	58.9
Marshall	58.8
Breckinridge	57.9
Simpson	57.7
Fulton	57.4
Carlisle	57.0
Bullitt	56.8
Bracken	56.8
Harlan	56.6
Jessamine	56.2
Martin	56.1
Christian	55.6
Shelby	55.4
Grayson	55.1
Meade	55.0
Monroe	55.0
Logan	54.8
Montgomery	54.8
Estill	54.7
Anderson	54.6
Trigg	54.6
Allen	53.6
Hardin	53.4
Rockcastle	53.1
Muhlenberg	52.3
Hickman	52.2
Franklin	51.8
Woodford	51.3
Owen	51.1

County	Rate
Garrard	50.9
Green	50.9
Breathitt	50.9
Clark	50.8
Larue	50.6
Fleming	50.0
Adair	49.1
Henry	48.7
Elliott	47.5
Spencer	44.3
Powell	42.8
Lee	42.5
Owsley	42.1
Nicholas	41.3
McCracken	40.2
Edmonson	40.0
Lincoln	39.6
Bath	38.9
Wolfe	37.9
Lewis	37.7
Livingston	37.3
Crittenden	35.7
Knott	34.7
Ballard	32.6
Metcalfe	31.2
Menifee	30.8
Mason	28.5
Magoffin	24.7
Lyon	24.4
Robertson	0.0

Current Overall Incidence Rate
70.01 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.