

KY COVID-19 Report 20NOV21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	771,772	546,984	224,788
Deaths	10,648	9,392	1,256
New Cases	2,048	1,348	700
New Cases 18 and Under	460	256	204
Total New Deaths	42	36	6

Duplicates and records not meeting case criteria removed since last report: 8

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
53,855	7.0%	0-9	0.0%	2
106,068	13.7%	10-19	0.1%	6
131,732	17.1%	20-29	0.4%	38
119,631	15.5%	30-39	1.2%	127
111,475	14.4%	40-49	3.7%	389
102,234	13.2%	50-59	9.2%	984
76,579	9.9%	60-69	19.6%	2,085
44,582	5.8%	70-79	27.0%	2,871
25,375	3.3%	80+	38.9%	4,146
241	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
2,123	0.3%	American Indian	0.1%	12
5,642	0.9%	Asian	0.5%	49
50,250	7.7%	Black	7.4%	748
380	0.1%	Pacific Islander	0.1%	7
557,834	85.9%	White	89.2%	9,072
33,386	5.1%	Multiracial	2.8%	284

Cases	Case Percent	Ethnicity	Death Percent	Deaths
28,301	4.6%	Hispanic	1.6%	155
589,606	95.4%	Non-Hispanic	98.4%	9,749

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 84.2% of cases and 95.5% of deaths
Ethnicity known for 80.1% of cases and 93.0% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
5,631	88,743	6.35%

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
10,363,953	7,640,731	400,293	2,063,577	939,207	642,563	53,460	243,184

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	32,358	4.19%
Ever ICU	6,327	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	782
ICU	198
On Ventilator	104

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,072	4,120	68.8%
ICU Beds	1,225	183	87.0%
Ventilators	578	1,327	30.3%

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	17	13	7	2.2%	16.7%	7.3%	51.17%	83.33%	23.96%
Region 2	48	11	5	6.2%	14.7%	5.8%	65.12%	78.67%	27.91%
Region 3	277	61	32	7.4%	16.0%	7.1%	72.79%	93.44%	31.42%
Region 4	43	8	4	4.9%	9.9%	3.1%	61.57%	97.53%	14.50%
Region 5	157	49	27	5.5%	13.8%	4.8%	76.82%	89.89%	40.11%
Region 6	70	16	10	5.8%	19.5%	7.9%	82.16%	85.37%	29.92%
Region 7	51	10	3	8.2%	16.7%	2.4%	70.14%	63.33%	14.63%
Region 8	68	12	8	5.6%	7.6%	5.2%	55.75%	88.54%	30.52%
Region 9	31	9	6	4.8%	10.2%	6.1%	51.31%	64.77%	19.19%
Region 10	20	9	2	4.2%	18.0%	2.6%	57.83%	84.00%	30.26%

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	124,186	16.1%
Fayette	53,062	6.9%
Warren	26,491	3.4%
Kenton	24,927	3.2%
Boone	21,452	2.8%
Hardin	18,721	2.4%
Daviess	17,834	2.3%
Madison	16,489	2.1%
Laurel	13,079	1.7%
Campbell	13,023	1.7%
Bullitt	12,563	1.6%
Pike	11,064	1.4%
Pulaski	11,049	1.4%
Christian	10,490	1.4%
McCracken	10,471	1.4%
Oldham	10,465	1.4%
Whitley	9,083	1.2%
Scott	8,966	1.2%
Boyd	8,804	1.1%
Hopkins	8,769	1.1%
Nelson	8,657	1.1%
Jessamine	8,429	1.1%
Barren	8,332	1.1%
Henderson	8,178	1.1%
Franklin	7,435	1.0%
Shelby	7,407	1.0%
Graves	7,380	1.0%
Floyd	7,366	1.0%
Knox	7,325	0.9%
Greenup	6,721	0.9%

County	Cases	Percent
Perry	6,362	0.8%
Bell	5,913	0.8%
Muhlenberg	5,823	0.8%
Taylor	5,777	0.7%
Harlan	5,645	0.7%
Boyle	5,569	0.7%
Clark	5,517	0.7%
Calloway	5,269	0.7%
Logan	5,194	0.7%
Clay	5,169	0.7%
Marshall	5,135	0.7%
Grayson	4,938	0.6%
Carter	4,750	0.6%
Montgomery	4,694	0.6%
Mercer	4,638	0.6%
Ohio	4,497	0.6%
Lincoln	4,457	0.6%
Grant	4,428	0.6%
Letcher	4,076	0.5%
Marion	4,063	0.5%
Rowan	3,958	0.5%
Russell	3,957	0.5%
Allen	3,898	0.5%
Johnson	3,880	0.5%
Anderson	3,697	0.5%
Hart	3,662	0.5%
McCreary	3,610	0.5%
Woodford	3,597	0.5%
Adair	3,584	0.5%
Meade	3,543	0.5%

County	Cases	Percent
Harrison	3,534	0.5%
Bourbon	3,425	0.4%
Simpson	3,350	0.4%
Wayne	3,284	0.4%
Rockcastle	3,283	0.4%
Breckinridge	3,034	0.4%
Spencer	3,013	0.4%
Morgan	2,975	0.4%
Garrard	2,903	0.4%
Jackson	2,794	0.4%
Lawrence	2,764	0.4%
Henry	2,743	0.4%
Casey	2,740	0.4%
Powell	2,730	0.4%
Lewis	2,676	0.3%
Mason	2,675	0.3%
Union	2,529	0.3%
Webster	2,513	0.3%
Caldwell	2,495	0.3%
Knott	2,493	0.3%
Green	2,473	0.3%
Butler	2,442	0.3%
Washington	2,433	0.3%
Larue	2,427	0.3%
Monroe	2,384	0.3%
Magoffin	2,377	0.3%
Estill	2,326	0.3%
Trigg	2,274	0.3%
Fleming	2,257	0.3%
Leslie	2,250	0.3%

County	Cases	Percent
Clinton	2,213	0.3%
Pendleton	2,115	0.3%
Breathitt	2,086	0.3%
Martin	2,011	0.3%
Carroll	2,005	0.3%
Lyon	1,993	0.3%
Metcalfe	1,971	0.3%
Todd	1,863	0.2%
Lee	1,790	0.2%
Bath	1,729	0.2%
Edmonson	1,599	0.2%
McLean	1,539	0.2%
Livingston	1,460	0.2%
Hancock	1,450	0.2%
Owen	1,443	0.2%
Elliott	1,383	0.2%
Crittenden	1,307	0.2%
Gallatin	1,306	0.2%
Trimble	1,303	0.2%
Cumberland	1,302	0.2%
Wolfe	1,245	0.2%
Nicholas	1,240	0.2%
Bracken	1,237	0.2%
Owsley	1,028	0.1%
Menifee	879	0.1%
Fulton	806	0.1%
Ballard	723	0.1%
Carlisle	669	0.1%
Hickman	581	0.1%
Robertson	373	0.0%

Total Cases
771,772

New Cases by County

County	Cases	Percent
Jefferson	214	10.4%
Fayette	119	5.8%
Daviess	70	3.4%
Kenton	65	3.2%
Warren	62	3.0%
Boone	58	2.8%
Hardin	50	2.4%
Pulaski	48	2.3%
Bullitt	46	2.2%
Scott	44	2.1%
Shelby	44	2.1%
Wayne	43	2.1%
Campbell	42	2.1%
Hopkins	42	2.1%
Fleming	36	1.8%
Madison	32	1.6%
Taylor	32	1.6%
Bourbon	29	1.4%
Jessamine	29	1.4%
Montgomery	28	1.4%
Oldham	27	1.3%
Barren	26	1.3%
McCracken	26	1.3%
Rowan	24	1.2%
Carter	23	1.1%
Nelson	23	1.1%
Morgan	21	1.0%
Grayson	20	1.0%
Bath	19	0.9%
Magoffin	19	0.9%

County	Cases	Percent
Spencer	18	0.9%
Floyd	17	0.8%
Henderson	17	0.8%
Simpson	17	0.8%
Boyd	16	0.8%
McCreary	16	0.8%
Russell	16	0.8%
Harlan	15	0.7%
Henry	15	0.7%
Laurel	15	0.7%
Logan	15	0.7%
Adair	14	0.7%
Franklin	14	0.7%
Greenup	14	0.7%
Harrison	14	0.7%
Marion	14	0.7%
Powell	14	0.7%
Casey	13	0.6%
Grant	13	0.6%
Muhlenberg	13	0.6%
Carroll	12	0.6%
Clark	12	0.6%
Lincoln	12	0.6%
Pike	12	0.6%
Boyle	11	0.5%
Johnson	11	0.5%
Knox	11	0.5%
Whitley	11	0.5%
Anderson	10	0.5%
Breckinridge	10	0.5%

County	Cases	Percent
Graves	10	0.5%
Hart	9	0.4%
Lawrence	9	0.4%
Mercer	9	0.4%
Ohio	9	0.4%
Woodford	9	0.4%
Breathitt	8	0.4%
Green	8	0.4%
Trigg	8	0.4%
Bracken	7	0.3%
Butler	7	0.3%
Clinton	7	0.3%
Elliott	7	0.3%
Estill	7	0.3%
Letcher	7	0.3%
Lewis	7	0.3%
Washington	7	0.3%
Allen	6	0.3%
Gallatin	6	0.3%
Hancock	6	0.3%
Jackson	6	0.3%
McLean	6	0.3%
Garrard	5	0.2%
Larue	5	0.2%
Leslie	5	0.2%
Metcalfe	5	0.2%
Robertson	5	0.2%
Rockcastle	5	0.2%
Christian	4	0.2%
Martin	4	0.2%

County	Cases	Percent
Mason	4	0.2%
Owen	4	0.2%
Pendleton	4	0.2%
Perry	4	0.2%
Trimble	4	0.2%
Webster	4	0.2%
Bell	3	0.1%
Caldwell	3	0.1%
Clay	3	0.1%
Crittenden	3	0.1%
Fulton	3	0.1%
Marshall	3	0.1%
Menifee	3	0.1%
Monroe	3	0.1%
Union	3	0.1%
Wolfe	3	0.1%
Ballard	2	0.1%
Calloway	2	0.1%
Cumberland	2	0.1%
Knott	2	0.1%
Lyon	2	0.1%
Meade	2	0.1%
Nicholas	2	0.1%
Todd	2	0.1%
Carlisle	1	0.0%
Owsley	1	0.0%
Edmonson	0	0.0%
Hickman	0	0.0%
Lee	0	0.0%
Livingston	0	0.0%

Total New Cases
2,048

Total Deaths by County

County	Deaths	Percent
Jefferson	1,677	15.7%
Fayette	438	4.1%
Hardin	300	2.8%
Daviess	275	2.6%
Kenton	274	2.6%
Warren	272	2.6%
Hopkins	208	2.0%
Boone	205	1.9%
Pike	203	1.9%
Madison	190	1.8%
McCracken	189	1.8%
Pulaski	188	1.8%
Barren	157	1.5%
Laurel	149	1.4%
Christian	145	1.4%
Bullitt	137	1.3%
Harlan	135	1.3%
Graves	130	1.2%
Henderson	122	1.1%
Floyd	119	1.1%
Perry	114	1.1%
Shelby	114	1.1%
Boyd	112	1.1%
Campbell	110	1.0%
Jessamine	105	1.0%
Bell	102	1.0%
Lincoln	101	0.9%
Nelson	101	0.9%
Oldham	100	0.9%
Whitley	100	0.9%

County	Deaths	Percent
Grayson	99	0.9%
Muhlenberg	97	0.9%
Franklin	91	0.9%
Logan	90	0.8%
Greenup	89	0.8%
Boyle	88	0.8%
Ohio	87	0.8%
Taylor	86	0.8%
Adair	81	0.8%
Marshall	80	0.8%
Mercer	77	0.7%
Letcher	73	0.7%
Allen	72	0.7%
Hart	71	0.7%
Mason	71	0.7%
Carter	67	0.6%
Knox	65	0.6%
Calloway	64	0.6%
Monroe	64	0.6%
Wayne	63	0.6%
Clay	62	0.6%
Simpson	62	0.6%
Lewis	60	0.6%
Montgomery	60	0.6%
McCreary	58	0.5%
Russell	58	0.5%
Scott	57	0.5%
Casey	56	0.5%
Larue	53	0.5%
Johnson	52	0.5%

County	Deaths	Percent
Anderson	51	0.5%
Caldwell	51	0.5%
Garrard	51	0.5%
Jackson	51	0.5%
Marion	51	0.5%
Washington	48	0.5%
Harrison	47	0.4%
Livingston	45	0.4%
Clark	44	0.4%
Metcalfe	44	0.4%
Knott	43	0.4%
Lawrence	43	0.4%
Meade	42	0.4%
Webster	42	0.4%
Gallatin	41	0.4%
McLean	41	0.4%
Butler	40	0.4%
Breathitt	39	0.4%
Union	39	0.4%
Bourbon	37	0.3%
Breckinridge	37	0.3%
Fleming	37	0.3%
Grant	36	0.3%
Martin	36	0.3%
Rockcastle	36	0.3%
Spencer	36	0.3%
Crittenden	35	0.3%
Lee	35	0.3%
Clinton	34	0.3%
Green	34	0.3%

County	Deaths	Percent
Rowan	34	0.3%
Henry	33	0.3%
Bath	32	0.3%
Edmonson	32	0.3%
Todd	32	0.3%
Carroll	30	0.3%
Leslie	30	0.3%
Woodford	30	0.3%
Owen	28	0.3%
Lyon	26	0.2%
Magoffin	26	0.2%
Trigg	25	0.2%
Pendleton	24	0.2%
Powell	24	0.2%
Menifee	23	0.2%
Nicholas	22	0.2%
Hickman	21	0.2%
Ballard	20	0.2%
Fulton	20	0.2%
Trimble	20	0.2%
Owsley	19	0.2%
Cumberland	18	0.2%
Hancock	18	0.2%
Estill	17	0.2%
Robertson	16	0.2%
Bracken	13	0.1%
Carlisle	12	0.1%
Wolfe	12	0.1%
Morgan	11	0.1%
Elliott	9	0.1%

Total Deaths
10,648

Incidence Rates by County

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

County	Rate
Robertson	149.1
Magoffin	110.4
Bourbon	82.3
Powell	74.0
Cumberland	71.3
Breckinridge	69.1
Bath	58.3
Jackson	56.8
Butler	55.5
Simpson	55.4
Harlan	53.3
Rowan	53.1
Marion	52.6
Washington	50.8
Lewis	50.6
Montgomery	50.2
Harrison	49.2
Barren	48.8
Spencer	48.7
Carter	48.0
Carroll	47.0
Bracken	46.5
Madison	46.1
Fleming	46.0
Monroe	45.6
Henry	44.3
Morgan	41.9
Daviess	41.4
Trimble	40.5
McLean	40.3

County	Rate
Hopkins	40.3
Rockcastle	39.4
Mason	38.5
Martin	38.3
Greenup	37.9
Nelson	37.7
Boone	37.2
Boyle	36.6
Shelby	36.4
Hancock	36.0
Hardin	35.9
Fulton	35.9
Garrard	35.6
Owen	35.4
Mercer	35.2
Letcher	34.5
Metcalfe	34.0
Grant	33.6
Nicholas	33.4
Hart	33.0
Jessamine	33.0
Larue	32.7
Boyd	32.7
McCreary	32.3
Trigg	32.2
Kenton	32.1
Scott	32.1
Bullitt	31.8
Warren	31.6
Grayson	31.4

County	Rate
Woodford	31.0
Franklin	30.8
Lawrence	30.8
Floyd	30.5
Oldham	29.7
Russell	29.5
Adair	29.0
Campbell	28.7
Johnson	27.7
Webster	27.6
Leslie	27.5
Carlisle	27.0
Ohio	26.2
Knott	26.1
Muhlenberg	25.7
Henderson	25.3
Logan	24.8
Jefferson	24.7
Caldwell	24.7
Pendleton	24.5
Wolfe	24.0
Anderson	23.9
Allen	23.5
McCracken	23.4
Whitley	23.2
Pike	23.0
Perry	22.7
Taylor	22.7
Crittenden	22.7
Graves	22.6

County	Rate
Gallatin	22.6
Marshall	22.5
Estill	22.3
Lincoln	22.1
Knox	21.6
Fayette	20.2
Laurel	20.2
Menifee	19.8
Pulaski	19.6
Casey	19.4
Christian	18.9
Clinton	18.2
Ballard	18.1
Union	16.9
Owsley	16.2
Lyon	15.7
Clark	15.4
Meade	13.0
Edmonson	12.9
Calloway	12.8
Todd	12.8
Breathitt	12.4
Green	11.8
Clay	11.5
Elliott	11.4
Bell	10.4
Hickman	9.8
Livingston	9.3
Wayne	7.7
Lee	5.8

Current Overall Incidence Rate
30.25 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.