

KY COVID-19 Report

09OCT21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	712,757	513,593	199,164
Deaths	9,106	8,093	1,013
New Cases	2,403	1,501	902
New Cases 18 and Under	604	316	288
Total New Deaths	53	48	5

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
46,706	6.6%	0-9	0.0%	1
96,165	13.5%	10-19	0.0%	4
123,239	17.3%	20-29	0.3%	27
110,712	15.5%	30-39	1.1%	97
103,604	14.5%	40-49	3.1%	281
95,345	13.4%	50-59	8.2%	751
71,179	10.0%	60-69	18.8%	1,709
41,551	5.8%	70-79	27.2%	2,473
24,018	3.4%	80+	41.3%	3,763
238	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,831	0.3%	American Indian	0.1%	10
5,310	0.9%	Asian	0.5%	43
46,751	7.8%	Black	7.5%	651
379	0.1%	Pacific Islander	0.1%	5
511,631	85.7%	White	89.3%	7,770
30,794	5.2%	Multiracial	2.6%	222

Cases	Case Percent	Ethnicity	Death Percent	Deaths
26,639	4.7%	Hispanic	1.6%	132
541,973	95.3%	Non-Hispanic	98.4%	8,327

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 83.7% of cases and 95.6% of deaths
 Ethnicity known for 79.8% of cases and 92.9% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
7,652	93,120	8.22%

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
9,350,739	7,055,315	391,837	1,684,268	862,768	601,990	50,517	210,261

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	30,059	4.22%
Ever ICU	5,869	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,402
ICU	440
On Ventilator	285

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	8,988	4,058	68.9%
ICU Beds	1,269	191	86.9%
Ventilators	742	1,210	38.0%

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	58	20	5	7.4%	26.3%	5.6%	56.22%	88.16%	16.67%
Region 2	108	43	32	13.8%	53.8%	37.2%	66.11%	88.75%	52.33%
Region 3	380	111	60	10.2%	27.8%	13.2%	69.99%	87.97%	37.75%
Region 4	77	27	19	9.2%	29.0%	12.9%	60.45%	96.77%	31.29%
Region 5	280	86	65	10.3%	24.8%	11.6%	79.11%	91.07%	45.28%
Region 6	100	29	19	8.3%	36.7%	16.7%	80.62%	100.00%	49.12%
Region 7	95	22	16	14.5%	24.2%	9.4%	64.22%	52.75%	11.18%
Region 8	130	40	30	10.9%	29.9%	19.5%	59.00%	87.31%	46.10%
Region 9	118	39	30	17.8%	35.1%	29.4%	64.40%	92.79%	43.14%
Region 10	56	23	9	11.7%	46.0%	12.0%	50.52%	54.00%	28.00%

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	115,651	16.2%
Fayette	50,333	7.1%
Warren	25,027	3.5%
Kenton	22,792	3.2%
Boone	19,455	2.7%
Hardin	17,346	2.4%
Daviess	16,356	2.3%
Madison	15,286	2.1%
Laurel	12,636	1.8%
Campbell	11,957	1.7%
Bullitt	11,601	1.6%
Pike	10,205	1.4%
Christian	9,997	1.4%
Pulaski	9,903	1.4%
Oldham	9,836	1.4%
McCracken	9,777	1.4%
Whitley	8,442	1.2%
Boyd	8,038	1.1%
Nelson	8,036	1.1%
Scott	7,892	1.1%
Jessamine	7,810	1.1%
Henderson	7,770	1.1%
Hopkins	7,730	1.1%
Barren	7,728	1.1%
Graves	7,060	1.0%
Knox	7,011	1.0%
Shelby	6,809	1.0%
Floyd	6,768	0.9%
Franklin	6,676	0.9%
Greenup	6,094	0.9%

County	Cases	Percent
Perry	5,871	0.8%
Bell	5,667	0.8%
Muhlenberg	5,374	0.8%
Harlan	5,199	0.7%
Boyle	5,189	0.7%
Taylor	5,162	0.7%
Calloway	5,053	0.7%
Clay	5,031	0.7%
Clark	5,003	0.7%
Logan	4,944	0.7%
Marshall	4,911	0.7%
Grayson	4,481	0.6%
Carter	4,412	0.6%
Montgomery	4,299	0.6%
Mercer	4,283	0.6%
Ohio	4,203	0.6%
Lincoln	4,137	0.6%
Grant	3,881	0.5%
Marion	3,777	0.5%
Letcher	3,709	0.5%
Allen	3,667	0.5%
Johnson	3,608	0.5%
Hart	3,403	0.5%
Meade	3,380	0.5%
Russell	3,348	0.5%
Rowan	3,333	0.5%
Woodford	3,276	0.5%
McCreary	3,237	0.5%
Anderson	3,127	0.4%
Harrison	3,110	0.4%

County	Cases	Percent
Simpson	3,106	0.4%
Rockcastle	3,056	0.4%
Adair	3,053	0.4%
Bourbon	3,037	0.4%
Wayne	2,850	0.4%
Morgan	2,805	0.4%
Spencer	2,741	0.4%
Garrard	2,684	0.4%
Breckinridge	2,589	0.4%
Casey	2,547	0.4%
Lawrence	2,491	0.3%
Jackson	2,488	0.3%
Mason	2,468	0.3%
Henry	2,454	0.3%
Union	2,435	0.3%
Lewis	2,405	0.3%
Webster	2,400	0.3%
Powell	2,380	0.3%
Larue	2,327	0.3%
Knott	2,324	0.3%
Butler	2,269	0.3%
Washington	2,263	0.3%
Monroe	2,206	0.3%
Caldwell	2,204	0.3%
Green	2,153	0.3%
Estill	2,132	0.3%
Magoffin	2,120	0.3%
Leslie	2,100	0.3%
Fleming	2,064	0.3%
Breathitt	1,936	0.3%

County	Cases	Percent
Pendleton	1,936	0.3%
Clinton	1,935	0.3%
Trigg	1,922	0.3%
Lyon	1,899	0.3%
Metcalfe	1,846	0.3%
Martin	1,817	0.3%
Carroll	1,787	0.3%
Lee	1,694	0.2%
Todd	1,647	0.2%
Bath	1,518	0.2%
Edmonson	1,494	0.2%
McLean	1,407	0.2%
Hancock	1,346	0.2%
Livingston	1,336	0.2%
Owen	1,314	0.2%
Elliott	1,283	0.2%
Gallatin	1,184	0.2%
Wolfe	1,149	0.2%
Trimble	1,147	0.2%
Crittenden	1,117	0.2%
Nicholas	1,098	0.2%
Cumberland	1,063	0.1%
Bracken	1,050	0.1%
Owsley	941	0.1%
Menifee	804	0.1%
Fulton	720	0.1%
Ballard	643	0.1%
Carlisle	606	0.1%
Hickman	536	0.1%
Robertson	325	0.0%

Total Cases
712,757

New Cases by County

County	Cases	Percent
Jefferson	376	15.6%
Fayette	126	5.2%
Kenton	119	5.0%
Boone	97	4.0%
Warren	71	3.0%
Campbell	56	2.3%
Daviess	56	2.3%
Hardin	55	2.3%
Madison	54	2.2%
Meade	40	1.7%
Trigg	40	1.7%
Floyd	37	1.5%
Grant	34	1.4%
Franklin	33	1.4%
Boyd	31	1.3%
Caldwell	31	1.3%
McCracken	30	1.2%
Clark	29	1.2%
Harlan	29	1.2%
Pulaski	29	1.2%
Whitley	28	1.2%
Mercer	27	1.1%
Russell	27	1.1%
Scott	27	1.1%
Bullitt	25	1.0%
Knox	25	1.0%
Perry	24	1.0%
Pike	24	1.0%
Taylor	24	1.0%
Crittenden	22	0.9%

County	Cases	Percent
Shelby	22	0.9%
Christian	21	0.9%
Marshall	20	0.8%
Greenup	19	0.8%
Hopkins	19	0.8%
Jessamine	19	0.8%
Nelson	19	0.8%
Adair	18	0.7%
Bourbon	18	0.7%
Carter	18	0.7%
Woodford	18	0.7%
Bell	17	0.7%
Fleming	17	0.7%
Lincoln	17	0.7%
Grayson	16	0.7%
Harrison	15	0.6%
Henderson	14	0.6%
Knott	14	0.6%
Muhlenberg	14	0.6%
Boyle	13	0.5%
Lewis	13	0.5%
Pendleton	13	0.5%
Rockcastle	13	0.5%
Calloway	12	0.5%
Livingston	12	0.5%
Barren	11	0.5%
Casey	11	0.5%
Laurel	11	0.5%
Mason	11	0.5%
Ohio	11	0.5%

County	Cases	Percent
Simpson	11	0.5%
Clinton	10	0.4%
Cumberland	10	0.4%
Oldham	10	0.4%
Breckinridge	9	0.4%
Butler	9	0.4%
Rowan	9	0.4%
Graves	8	0.3%
Jackson	8	0.3%
Leslie	8	0.3%
Letcher	8	0.3%
McCreary	8	0.3%
Powell	8	0.3%
Clay	7	0.3%
Martin	7	0.3%
Montgomery	7	0.3%
Estill	6	0.2%
Gallatin	6	0.2%
Garrard	6	0.2%
Hancock	6	0.2%
Henry	6	0.2%
Lawrence	6	0.2%
Logan	6	0.2%
Lyon	6	0.2%
Magoffin	6	0.2%
Marion	6	0.2%
Webster	6	0.2%
Allen	5	0.2%
Anderson	5	0.2%
Breathitt	5	0.2%

County	Cases	Percent
Carlisle	5	0.2%
Carroll	5	0.2%
Green	5	0.2%
Metcalfe	5	0.2%
Trimble	5	0.2%
Union	5	0.2%
Elliott	4	0.2%
Johnson	4	0.2%
Lee	4	0.2%
McLean	4	0.2%
Morgan	4	0.2%
Nicholas	4	0.2%
Owen	4	0.2%
Wayne	4	0.2%
Wolfe	4	0.2%
Ballard	3	0.1%
Bath	3	0.1%
Fulton	3	0.1%
Monroe	3	0.1%
Edmonson	2	0.1%
Hart	2	0.1%
Larue	2	0.1%
Owsley	2	0.1%
Todd	2	0.1%
Washington	2	0.1%
Bracken	1	0.0%
Menifee	1	0.0%
Spencer	1	0.0%
Hickman	0	0.0%
Robertson	0	0.0%

Total New Cases
2,403

Total Deaths by County

County	Deaths	Percent
Jefferson	1,542	16.9%
Fayette	375	4.1%
Daviess	248	2.7%
Kenton	242	2.7%
Hardin	238	2.6%
Warren	235	2.6%
Hopkins	189	2.1%
Boone	180	2.0%
McCracken	167	1.8%
Pulaski	161	1.8%
Pike	159	1.7%
Madison	144	1.6%
Barren	128	1.4%
Christian	124	1.4%
Graves	120	1.3%
Harlan	119	1.3%
Bullitt	113	1.2%
Laurel	111	1.2%
Floyd	108	1.2%
Shelby	98	1.1%
Boyd	97	1.1%
Henderson	97	1.1%
Campbell	91	1.0%
Bell	90	1.0%
Oldham	90	1.0%
Jessamine	87	1.0%
Perry	87	1.0%
Muhlenberg	85	0.9%
Whitley	81	0.9%
Boyle	80	0.9%

County	Deaths	Percent
Lincoln	80	0.9%
Grayson	79	0.9%
Logan	79	0.9%
Greenup	77	0.8%
Nelson	77	0.8%
Marshall	76	0.8%
Ohio	75	0.8%
Franklin	74	0.8%
Taylor	72	0.8%
Mercer	70	0.8%
Adair	68	0.7%
Letcher	65	0.7%
Allen	62	0.7%
Hart	61	0.7%
Calloway	60	0.7%
Mason	60	0.7%
Monroe	57	0.6%
Carter	56	0.6%
Clay	56	0.6%
Lewis	54	0.6%
Russell	54	0.6%
Wayne	54	0.6%
Knox	50	0.5%
Montgomery	50	0.5%
Simpson	50	0.5%
Casey	48	0.5%
Jackson	48	0.5%
Caldwell	46	0.5%
Johnson	45	0.5%
McCreary	45	0.5%

County	Deaths	Percent
Washington	44	0.5%
Garrard	43	0.5%
Scott	43	0.5%
Anderson	40	0.4%
Larue	40	0.4%
Livingston	40	0.4%
Marion	40	0.4%
McLean	38	0.4%
Metcalfe	38	0.4%
Gallatin	37	0.4%
Lawrence	37	0.4%
Clark	36	0.4%
Knott	36	0.4%
Martin	35	0.4%
Crittenden	34	0.4%
Meade	34	0.4%
Webster	34	0.4%
Bourbon	32	0.4%
Clinton	32	0.4%
Fleming	32	0.4%
Butler	31	0.3%
Spencer	31	0.3%
Grant	30	0.3%
Harrison	30	0.3%
Lee	30	0.3%
Todd	30	0.3%
Union	29	0.3%
Bath	28	0.3%
Edmonson	28	0.3%
Rockcastle	28	0.3%

County	Deaths	Percent
Breckinridge	27	0.3%
Lyon	26	0.3%
Rowan	26	0.3%
Woodford	26	0.3%
Breathitt	24	0.3%
Henry	24	0.3%
Carroll	23	0.3%
Green	23	0.3%
Owen	22	0.2%
Powell	21	0.2%
Trigg	21	0.2%
Magoffin	20	0.2%
Menifee	20	0.2%
Ballard	19	0.2%
Hickman	19	0.2%
Leslie	18	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Owsley	16	0.2%
Robertson	16	0.2%
Cumberland	15	0.2%
Nicholas	15	0.2%
Pendleton	14	0.2%
Estill	12	0.1%
Carlisle	11	0.1%
Trimble	11	0.1%
Wolfe	10	0.1%
Bracken	8	0.1%
Elliott	7	0.1%
Morgan	6	0.1%

Total Deaths
9,106

Incidence Rates by County

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

County	Rate
Harlan	92.3
Pendleton	89.1
Perry	88.2
Mercer	87.9
Whitley	87.5
Rockcastle	82.1
Owsley	80.9
Taylor	74.8
Meade	72.5
Muhlenberg	66.2
Powell	65.9
Russell	65.4
Lawrence	64.4
Knox	63.3
Grayson	63.2
Green	62.7
Wolfe	61.9
Floyd	61.8
Monroe	61.7
Robertson	61.0
Bell	59.8
Leslie	59.3
Pike	59.2
Adair	58.8
Garrard	58.2
Estill	57.7
Madison	55.9
Harrison	55.2
Greenup	54.9
Henry	54.0

County	Rate
Trimble	54.0
Jackson	53.6
Boyd	53.2
Carter	52.8
Carroll	52.4
Allen	51.6
Grant	51.3
Bourbon	49.8
Ohio	47.6
Breathitt	46.4
Nelson	46.3
Hart	45.8
Nicholas	45.2
Lincoln	44.8
Fleming	44.1
Metcalfe	44.0
Rowan	43.8
Marion	43.0
Magoffin	42.3
McCreary	42.3
Martin	42.1
McLean	41.9
Gallatin	41.9
Franklin	41.2
Fulton	40.7
Letcher	40.4
Simpson	40.0
Butler	39.9
Kenton	39.9
Daviess	39.8

County	Rate
Knott	38.6
Bracken	37.9
Boone	37.0
Jefferson	36.8
Lewis	36.6
Webster	36.4
Warren	36.2
Jessamine	35.9
Henderson	35.4
Hardin	35.3
Clay	35.2
Clinton	35.0
Marshall	34.5
Mason	34.3
Woodford	34.2
Scott	33.6
Christian	33.3
Shelby	33.2
Washington	33.1
Lyon	33.1
Fayette	32.9
Cumberland	32.4
Boyle	32.3
Logan	32.2
Bullitt	32.0
Casey	31.8
Campbell	31.6
Hancock	31.1
Hopkins	31.0
Owen	30.1

County	Rate
Laurel	29.4
Caldwell	29.1
Spencer	28.8
Pulaski	28.1
Breckinridge	27.9
Lee	27.0
Johnson	26.4
Barren	26.2
Clark	26.0
Edmonson	25.9
Ballard	25.4
McCracken	24.7
Anderson	23.9
Graves	23.8
Montgomery	23.3
Bath	22.9
Crittenden	22.7
Union	21.9
Oldham	21.4
Calloway	20.9
Todd	18.6
Carlisle	18.0
Larue	16.9
Wayne	16.9
Hickman	16.3
Morgan	16.1
Trigg	15.6
Livingston	15.5
Menifee	13.2
Elliott	9.5

Current Overall Incidence Rate
39.87 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.