

KY COVID-19 Report 22SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	665,994	486,051	179,943
Deaths	8,422	7,520	902
New Cases	4,418	2,576	1,842
New Cases 18 and Under	1,273	685	588
Total New Deaths	52	44	8

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
41,506	6.2%	0-9	0.0%	1
87,970	13.2%	10-19	0.0%	3
116,345	17.5%	20-29	0.2%	19
103,676	15.6%	30-39	0.9%	74
97,213	14.6%	40-49	2.7%	231
89,900	13.5%	50-59	7.5%	633
67,047	10.1%	60-69	18.2%	1,537
39,171	5.9%	70-79	27.3%	2,302
22,930	3.4%	80+	43.0%	3,622
236	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,660	0.3%	American Indian	0.1%	8
5,046	0.9%	Asian	0.5%	42
43,741	7.9%	Black	7.6%	615
377	0.1%	Pacific Islander	0.0%	4
475,969	85.7%	White	89.2%	7,191
28,835	5.2%	Multiracial	2.5%	199

Cases	Case Percent	Ethnicity	Death Percent	Deaths
25,268	4.8%	Hispanic	1.6%	123
505,400	95.2%	Non-Hispanic	98.4%	7,681

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.4% of cases and 95.7% of deaths
Ethnicity known for 79.7% of cases and 92.7% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
16,059	137,771	11.66%

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
8,792,513	6,727,187	382,189	1,488,165	805,599	569,459	47,339	188,801

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	28,202	4.23%
Ever ICU	5,572	0.84%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,257
ICU	651
On Ventilator	453

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,547	3,878	71.1%
ICU Beds	1,373	144	90.5%
Ventilators	918	1,016	47.5%

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	100	33	19	12.6%	41.3%	21.8%	60.18%	87.50%	32.18%
Region 2	159	53	37	20.2%	68.8%	43.0%	75.48%	85.71%	52.33%
Region 3	617	169	107	16.4%	41.0%	23.4%	71.56%	95.39%	48.47%
Region 4	166	44	32	19.3%	44.4%	23.7%	64.45%	100.00%	41.48%
Region 5	428	124	93	14.2%	34.4%	17.1%	78.41%	88.61%	52.11%
Region 6	137	25	13	11.5%	32.1%	11.4%	82.90%	93.59%	47.37%
Region 7	134	35	26	20.2%	35.4%	15.3%	67.37%	59.60%	21.18%
Region 8	254	80	59	21.0%	56.3%	38.3%	58.02%	97.18%	61.69%
Region 9	194	60	50	28.8%	49.2%	46.3%	66.02%	90.16%	59.26%
Region 10	68	28	17	14.3%	58.3%	22.1%	60.80%	95.83%	44.16%

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	107,818	16.2%
Fayette	47,797	7.2%
Warren	23,759	3.6%
Kenton	21,201	3.2%
Boone	18,173	2.7%
Hardin	16,216	2.4%
Daviess	15,420	2.3%
Madison	14,140	2.1%
Laurel	12,332	1.9%
Campbell	11,270	1.7%
Bullitt	10,952	1.6%
Pike	9,578	1.4%
Oldham	9,501	1.4%
McCracken	9,347	1.4%
Christian	9,328	1.4%
Pulaski	9,292	1.4%
Boyd	7,526	1.1%
Nelson	7,464	1.1%
Whitley	7,440	1.1%
Henderson	7,395	1.1%
Jessamine	7,280	1.1%
Barren	7,258	1.1%
Hopkins	7,203	1.1%
Scott	7,196	1.1%
Graves	6,814	1.0%
Knox	6,454	1.0%
Shelby	6,432	1.0%
Floyd	6,333	1.0%
Franklin	6,273	0.9%
Greenup	5,672	0.9%

County	Cases	Percent
Perry	5,343	0.8%
Bell	5,316	0.8%
Muhlenberg	4,952	0.7%
Boyle	4,941	0.7%
Clay	4,869	0.7%
Calloway	4,832	0.7%
Taylor	4,737	0.7%
Logan	4,678	0.7%
Marshall	4,667	0.7%
Harlan	4,650	0.7%
Clark	4,621	0.7%
Carter	4,108	0.6%
Montgomery	4,089	0.6%
Grayson	4,014	0.6%
Mercer	3,944	0.6%
Ohio	3,884	0.6%
Lincoln	3,709	0.6%
Marion	3,573	0.5%
Grant	3,543	0.5%
Allen	3,423	0.5%
Johnson	3,408	0.5%
Letcher	3,303	0.5%
Hart	3,231	0.5%
Woodford	3,079	0.5%
Meade	3,056	0.5%
Rowan	3,048	0.5%
Russell	3,046	0.5%
Simpson	2,930	0.4%
McCreary	2,912	0.4%
Bourbon	2,830	0.4%

County	Cases	Percent
Harrison	2,819	0.4%
Rockcastle	2,813	0.4%
Adair	2,761	0.4%
Anderson	2,752	0.4%
Morgan	2,720	0.4%
Wayne	2,702	0.4%
Spencer	2,583	0.4%
Breckinridge	2,454	0.4%
Garrard	2,402	0.4%
Casey	2,394	0.4%
Union	2,333	0.4%
Mason	2,327	0.3%
Jackson	2,319	0.3%
Henry	2,267	0.3%
Webster	2,250	0.3%
Larue	2,243	0.3%
Lawrence	2,229	0.3%
Powell	2,211	0.3%
Washington	2,171	0.3%
Lewis	2,147	0.3%
Butler	2,144	0.3%
Knott	2,088	0.3%
Monroe	2,065	0.3%
Caldwell	1,999	0.3%
Green	1,934	0.3%
Estill	1,930	0.3%
Magoffin	1,925	0.3%
Leslie	1,915	0.3%
Fleming	1,905	0.3%
Lyon	1,815	0.3%

County	Cases	Percent
Breathitt	1,797	0.3%
Clinton	1,787	0.3%
Trigg	1,744	0.3%
Metcalfe	1,718	0.3%
Pendleton	1,682	0.3%
Carroll	1,676	0.3%
Martin	1,668	0.3%
Lee	1,648	0.2%
Todd	1,553	0.2%
Bath	1,423	0.2%
Edmonson	1,409	0.2%
McLean	1,308	0.2%
Hancock	1,279	0.2%
Elliott	1,249	0.2%
Owen	1,218	0.2%
Livingston	1,215	0.2%
Gallatin	1,108	0.2%
Trimble	1,074	0.2%
Wolfe	1,065	0.2%
Crittenden	983	0.1%
Cumberland	972	0.1%
Bracken	968	0.1%
Nicholas	936	0.1%
Owsley	840	0.1%
Menifee	769	0.1%
Fulton	673	0.1%
Ballard	605	0.1%
Carlisle	589	0.1%
Hickman	512	0.1%
Robertson	300	0.0%

Total Cases
665,994

New Cases by County

County	Cases	Percent
Jefferson	415	9.4%
Fayette	228	5.2%
Hardin	164	3.7%
Madison	161	3.6%
Christian	156	3.5%
Warren	138	3.1%
Kenton	91	2.1%
Whitley	87	2.0%
Boone	86	1.9%
Harlan	85	1.9%
Pike	85	1.9%
Bullitt	76	1.7%
Boyd	75	1.7%
Laurel	75	1.7%
Knox	73	1.7%
Scott	71	1.6%
Daviess	68	1.5%
Barren	67	1.5%
Pulaski	65	1.5%
Jessamine	62	1.4%
Hopkins	61	1.4%
McCracken	51	1.2%
Floyd	50	1.1%
Lincoln	50	1.1%
Perry	48	1.1%
Campbell	46	1.0%
Mercer	43	1.0%
Grayson	41	0.9%
Henderson	39	0.9%
Oldham	39	0.9%

County	Cases	Percent
Bell	38	0.9%
Bourbon	38	0.9%
Greenup	36	0.8%
Magoffin	36	0.8%
Rockcastle	36	0.8%
Clay	34	0.8%
Nelson	34	0.8%
Franklin	33	0.7%
Graves	33	0.7%
Carter	32	0.7%
Letcher	32	0.7%
Shelby	32	0.7%
Anderson	31	0.7%
Leslie	31	0.7%
McCreary	31	0.7%
Adair	30	0.7%
Clark	30	0.7%
Grant	30	0.7%
Ohio	30	0.7%
Caldwell	29	0.7%
Logan	28	0.6%
Boyle	27	0.6%
Lewis	27	0.6%
Garrard	26	0.6%
Larue	26	0.6%
Martin	26	0.6%
Johnson	25	0.6%
Muhlenberg	24	0.5%
Simpson	24	0.5%
Spencer	24	0.5%

County	Cases	Percent
Taylor	24	0.5%
Hart	23	0.5%
Calloway	22	0.5%
Livingston	22	0.5%
Marion	22	0.5%
Pendleton	22	0.5%
Bath	21	0.5%
Harrison	21	0.5%
Marshall	21	0.5%
Monroe	19	0.4%
Rowan	19	0.4%
Estill	18	0.4%
Washington	18	0.4%
Breathitt	17	0.4%
Green	17	0.4%
Knott	17	0.4%
Lawrence	17	0.4%
Mason	17	0.4%
Union	17	0.4%
Webster	17	0.4%
Russell	16	0.4%
Trigg	16	0.4%
Meade	15	0.3%
Butler	14	0.3%
Henry	14	0.3%
Jackson	14	0.3%
Metcalfe	14	0.3%
Woodford	14	0.3%
Carroll	13	0.3%
Nicholas	13	0.3%

County	Cases	Percent
Allen	12	0.3%
Gallatin	12	0.3%
Wolfe	11	0.2%
Bracken	10	0.2%
Casey	10	0.2%
Fleming	10	0.2%
McLean	10	0.2%
Powell	10	0.2%
Edmonson	9	0.2%
Montgomery	9	0.2%
Breckinridge	8	0.2%
Wayne	8	0.2%
Hancock	7	0.2%
Owen	7	0.2%
Ballard	6	0.1%
Crittenden	6	0.1%
Elliott	5	0.1%
Clinton	4	0.1%
Lyon	4	0.1%
Carlisle	3	0.1%
Morgan	3	0.1%
Todd	3	0.1%
Fulton	2	0.0%
Lee	2	0.0%
Menifee	2	0.0%
Cumberland	1	0.0%
Trimble	1	0.0%
Hickman	0	0.0%
Owsley	0	0.0%
Robertson	0	0.0%

Total New Cases
4,418

Total Deaths by County

County	Deaths	Percent
Jefferson	1,468	17.4%
Fayette	355	4.2%
Daviess	236	2.8%
Kenton	236	2.8%
Warren	218	2.6%
Hardin	214	2.5%
Hopkins	179	2.1%
Boone	174	2.1%
McCracken	155	1.8%
Pulaski	146	1.7%
Pike	139	1.7%
Madison	126	1.5%
Christian	118	1.4%
Barren	117	1.4%
Graves	115	1.4%
Bullitt	104	1.2%
Harlan	101	1.2%
Shelby	95	1.1%
Laurel	93	1.1%
Boyd	90	1.1%
Henderson	89	1.1%
Oldham	89	1.1%
Campbell	88	1.0%
Floyd	87	1.0%
Jessamine	85	1.0%
Muhlenberg	81	1.0%
Boyle	80	0.9%
Bell	77	0.9%
Logan	77	0.9%
Perry	76	0.9%

County	Deaths	Percent
Marshall	75	0.9%
Lincoln	72	0.9%
Nelson	72	0.9%
Grayson	71	0.8%
Ohio	70	0.8%
Whitley	70	0.8%
Taylor	69	0.8%
Franklin	68	0.8%
Greenup	68	0.8%
Adair	62	0.7%
Allen	61	0.7%
Mercer	61	0.7%
Hart	58	0.7%
Calloway	57	0.7%
Letcher	54	0.6%
Wayne	54	0.6%
Clay	52	0.6%
Russell	52	0.6%
Monroe	51	0.6%
Carter	50	0.6%
Lewis	50	0.6%
Knox	49	0.6%
Mason	48	0.6%
Simpson	47	0.6%
Casey	46	0.5%
Jackson	46	0.5%
Caldwell	44	0.5%
Johnson	43	0.5%
McCreary	42	0.5%
Washington	42	0.5%

County	Deaths	Percent
Garrard	40	0.5%
Marion	40	0.5%
Scott	40	0.5%
Montgomery	38	0.5%
Livingston	37	0.4%
Gallatin	36	0.4%
Larue	36	0.4%
Metcalfe	36	0.4%
Lawrence	35	0.4%
Anderson	34	0.4%
McLean	34	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Webster	31	0.4%
Crittenden	30	0.4%
Meade	30	0.4%
Butler	29	0.3%
Harrison	29	0.3%
Knott	29	0.3%
Lee	29	0.3%
Martin	29	0.3%
Todd	29	0.3%
Spencer	28	0.3%
Edmonson	26	0.3%
Fleming	26	0.3%
Grant	26	0.3%
Lyon	25	0.3%
Rockcastle	25	0.3%
Rowan	25	0.3%
Union	25	0.3%

County	Deaths	Percent
Woodford	25	0.3%
Bath	24	0.3%
Henry	23	0.3%
Bourbon	22	0.3%
Breckinridge	21	0.2%
Carroll	21	0.2%
Green	21	0.2%
Trigg	20	0.2%
Menifee	19	0.2%
Magoffin	18	0.2%
Breathitt	17	0.2%
Hickman	17	0.2%
Powell	17	0.2%
Ballard	16	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Owen	16	0.2%
Owsley	16	0.2%
Cumberland	15	0.2%
Robertson	15	0.2%
Nicholas	14	0.2%
Estill	12	0.1%
Leslie	12	0.1%
Pendleton	12	0.1%
Carlisle	11	0.1%
Trimble	9	0.1%
Bracken	8	0.1%
Wolfe	8	0.1%
Morgan	6	0.1%
Elliott	2	0.0%

Total Deaths
8,422

Incidence Rates by County

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

County	Rate
Rockcastle	190.8
Harlan	189.5
Whitley	189.5
Leslie	173.6
Magoffin	163.3
Powell	163.0
Metcalfe	156.0
Barren	155.3
Monroe	151.6
Knox	151.4
Wolfe	149.7
McCreary	141.8
Perry	139.8
Hart	134.3
Floyd	128.0
Jackson	127.5
Owsley	126.2
Simpson	125.4
Harrison	124.8
Grayson	122.7
Russell	116.4
Greenup	112.3
Madison	111.5
Clay	111.3
Jessamine	110.9
Marion	110.4
Warren	108.7
Bourbon	108.3
Estill	107.4
Logan	107.0

County	Rate
Bell	103.7
Ohio	102.4
Knott	102.3
Carroll	102.1
Boyd	100.3
Edmonson	98.8
Taylor	98.7
Letcher	98.1
Butler	95.4
Garrard	94.6
Laurel	94.4
Johnson	92.7
Lawrence	92.3
Hardin	91.0
Breathitt	90.5
Graves	88.9
Pendleton	88.1
Larue	86.3
Muhlenberg	86.3
Webster	86.1
Allen	84.4
Henry	81.5
Green	81.0
Clark	79.6
Christian	79.5
Nelson	78.8
Martin	77.8
Bullitt	77.7
Lewis	77.5
Boyle	77.5

County	Rate
Lee	77.2
Spencer	76.8
Mercer	76.2
Lincoln	75.7
Nicholas	74.7
Bracken	74.0
Pike	72.3
Cumberland	71.3
Gallatin	70.9
Union	70.5
McLean	69.8
Mason	69.5
Carter	69.3
Caldwell	67.2
Woodford	65.7
Fleming	65.6
Rowan	64.8
Hopkins	63.9
Breckinridge	63.5
Scott	63.4
Washington	62.6
Trigg	61.4
Owen	59.0
Fayette	58.7
Pulaski	58.0
Daviess	56.9
Franklin	56.3
Casey	55.7
Hancock	55.7
Shelby	55.1

County	Rate
Robertson	54.2
Grant	53.6
Todd	53.5
Meade	52.5
Montgomery	52.3
Adair	52.1
Henderson	51.2
Jefferson	48.9
Trimble	48.9
Morgan	48.3
Campbell	48.1
Kenton	47.7
Marshall	45.9
Boone	45.6
Wayne	40.8
Bath	40.0
Crittenden	38.9
Elliott	38.0
Lyon	36.5
Calloway	36.3
McCracken	35.6
Menifee	35.2
Anderson	34.5
Livingston	32.6
Hickman	32.6
Oldham	32.3
Ballard	27.2
Carlisle	24.0
Fulton	23.9
Clinton	7.0

Current Overall Incidence Rate
73.89 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.