

KY COVID-19 Report 29SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	688,861	499,083	189,778
Deaths	8,717	7,763	954
New Cases	3,893	1,776	2,117
New Cases 18 and Under	1,226	455	771
Total New Deaths	82	66	16

Duplicates and records not meeting case criteria removed since last report: 21

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
44,160	6.4%	0-9	0.0%	1
92,208	13.4%	10-19	0.0%	4
119,640	17.4%	20-29	0.3%	24
107,061	15.5%	30-39	1.0%	85
100,335	14.6%	40-49	2.9%	252
92,471	13.4%	50-59	7.8%	677
69,018	10.0%	60-69	18.6%	1,618
40,292	5.8%	70-79	27.2%	2,372
23,441	3.4%	80+	42.3%	3,684
235	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,746	0.3%	American Indian	0.1%	8
5,184	0.9%	Asian	0.5%	43
45,286	7.9%	Black	7.6%	630
377	0.1%	Pacific Islander	0.0%	4
492,769	85.7%	White	89.3%	7,438
29,755	5.2%	Multiracial	2.5%	210

Cases	Case Percent	Ethnicity	Death Percent	Deaths
25,931	4.7%	Hispanic	1.5%	125
522,505	95.3%	Non-Hispanic	98.5%	7,958

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.5% of cases and 95.6% of deaths
Ethnicity known for 79.6% of cases and 92.7% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
12,162	121,007	10.05%

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
9,033,345	6,872,956	386,895	1,567,421	832,338	584,767	48,822	198,749

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	28,880	4.19%
Ever ICU	5,677	0.82%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	1,995
ICU	573
On Ventilator	384

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,211	3,988	69.8%
ICU Beds	1,341	217	86.1%
Ventilators	841	1,080	43.8%

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	73	16	7	9.5%	29.1%	10.3%	48.04%	89.09%	13.24%
Region 2	135	43	24	17.3%	54.4%	27.9%	70.29%	89.87%	44.19%
Region 3	536	149	95	14.3%	36.4%	20.7%	70.45%	88.02%	43.89%
Region 4	144	46	34	16.7%	44.7%	23.4%	62.41%	95.15%	37.93%
Region 5	395	123	84	14.5%	35.1%	15.3%	80.71%	94.00%	51.46%
Region 6	142	27	16	11.8%	33.8%	14.0%	84.44%	98.75%	48.25%
Region 7	128	30	22	19.4%	30.9%	12.9%	69.70%	61.86%	18.82%
Region 8	209	57	48	16.8%	31.7%	31.0%	56.41%	73.33%	59.35%
Region 9	173	55	41	25.4%	48.2%	39.8%	66.03%	94.74%	51.46%
Region 10	60	27	13	11.5%	29.7%	17.6%	54.11%	60.44%	32.43%

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	112,291	16.3%
Fayette	49,028	7.1%
Warren	24,425	3.5%
Kenton	21,912	3.2%
Boone	18,772	2.7%
Hardin	16,783	2.4%
Daviess	15,816	2.3%
Madison	14,711	2.1%
Laurel	12,540	1.8%
Campbell	11,612	1.7%
Bullitt	11,278	1.6%
Pike	9,786	1.4%
Oldham	9,645	1.4%
Christian	9,629	1.4%
Pulaski	9,601	1.4%
McCracken	9,513	1.4%
Whitley	7,876	1.1%
Nelson	7,760	1.1%
Boyd	7,748	1.1%
Barren	7,571	1.1%
Jessamine	7,565	1.1%
Henderson	7,515	1.1%
Scott	7,510	1.1%
Hopkins	7,426	1.1%
Graves	6,932	1.0%
Knox	6,789	1.0%
Shelby	6,633	1.0%
Floyd	6,516	0.9%
Franklin	6,444	0.9%
Greenup	5,871	0.9%

County	Cases	Percent
Perry	5,575	0.8%
Bell	5,473	0.8%
Muhlenberg	5,145	0.7%
Boyle	5,076	0.7%
Clay	4,950	0.7%
Calloway	4,938	0.7%
Harlan	4,885	0.7%
Taylor	4,859	0.7%
Logan	4,797	0.7%
Clark	4,796	0.7%
Marshall	4,786	0.7%
Carter	4,244	0.6%
Grayson	4,213	0.6%
Montgomery	4,190	0.6%
Mercer	4,079	0.6%
Ohio	4,062	0.6%
Lincoln	3,926	0.6%
Marion	3,683	0.5%
Grant	3,677	0.5%
Letcher	3,567	0.5%
Allen	3,543	0.5%
Johnson	3,518	0.5%
Hart	3,316	0.5%
Rowan	3,201	0.5%
Russell	3,186	0.5%
Woodford	3,176	0.5%
Meade	3,164	0.5%
McCreary	3,104	0.5%
Simpson	3,007	0.4%
Harrison	2,957	0.4%

County	Cases	Percent
Bourbon	2,928	0.4%
Anderson	2,908	0.4%
Rockcastle	2,904	0.4%
Adair	2,896	0.4%
Wayne	2,790	0.4%
Morgan	2,762	0.4%
Spencer	2,656	0.4%
Breckinridge	2,529	0.4%
Garrard	2,529	0.4%
Casey	2,467	0.4%
Jackson	2,404	0.3%
Mason	2,395	0.3%
Union	2,386	0.3%
Lawrence	2,366	0.3%
Henry	2,355	0.3%
Webster	2,330	0.3%
Powell	2,292	0.3%
Larue	2,271	0.3%
Washington	2,218	0.3%
Lewis	2,213	0.3%
Butler	2,203	0.3%
Knott	2,189	0.3%
Monroe	2,133	0.3%
Caldwell	2,095	0.3%
Magoffin	2,046	0.3%
Estill	2,042	0.3%
Green	2,038	0.3%
Leslie	2,011	0.3%
Fleming	1,986	0.3%
Clinton	1,867	0.3%

County	Cases	Percent
Breathitt	1,863	0.3%
Lyon	1,848	0.3%
Trigg	1,808	0.3%
Metcalfe	1,788	0.3%
Pendleton	1,780	0.3%
Martin	1,748	0.3%
Carroll	1,728	0.3%
Lee	1,675	0.2%
Todd	1,595	0.2%
Bath	1,463	0.2%
Edmonson	1,455	0.2%
McLean	1,355	0.2%
Hancock	1,315	0.2%
Livingston	1,278	0.2%
Owen	1,278	0.2%
Elliott	1,258	0.2%
Gallatin	1,140	0.2%
Trimble	1,102	0.2%
Wolfe	1,096	0.2%
Crittenden	1,050	0.2%
Nicholas	1,015	0.1%
Bracken	1,012	0.1%
Cumberland	1,008	0.1%
Owsley	881	0.1%
Menifee	785	0.1%
Fulton	686	0.1%
Ballard	614	0.1%
Carlisle	595	0.1%
Hickman	524	0.1%
Robertson	309	0.0%

Total Cases
688,861

New Cases by County

County	Cases	Percent
Jefferson	904	23.2%
Fayette	221	5.7%
Kenton	130	3.3%
Hardin	115	3.0%
Warren	96	2.5%
Boone	94	2.4%
Christian	90	2.3%
Scott	85	2.2%
Madison	83	2.1%
Daviess	81	2.1%
Hopkins	59	1.5%
Jessamine	56	1.4%
Whitley	54	1.4%
Harlan	52	1.3%
Nelson	50	1.3%
Bullitt	48	1.2%
Campbell	45	1.2%
Perry	43	1.1%
Grayson	41	1.1%
Pike	41	1.1%
Knox	39	1.0%
Franklin	38	1.0%
Laurel	37	1.0%
Lincoln	37	1.0%
Muhlenberg	37	1.0%
Pulaski	37	1.0%
Adair	34	0.9%
Russell	33	0.8%
Taylor	31	0.8%
Greenup	30	0.8%

County	Cases	Percent
Clark	29	0.7%
Floyd	27	0.7%
Ohio	27	0.7%
Bourbon	26	0.7%
Boyd	26	0.7%
Carter	26	0.7%
Montgomery	26	0.7%
Bell	24	0.6%
Mercer	24	0.6%
Barren	23	0.6%
Henderson	23	0.6%
Marion	23	0.6%
Allen	22	0.6%
Caldwell	21	0.5%
Graves	21	0.5%
Marshall	21	0.5%
Oldham	21	0.5%
Rockcastle	21	0.5%
Wayne	21	0.5%
Garrard	20	0.5%
Lawrence	20	0.5%
Shelby	20	0.5%
Harrison	19	0.5%
Calloway	18	0.5%
Magoffin	18	0.5%
Martin	18	0.5%
Pendleton	18	0.5%
Trigg	18	0.5%
Spencer	17	0.4%
Green	16	0.4%

County	Cases	Percent
Woodford	16	0.4%
Boyle	15	0.4%
Clinton	15	0.4%
Letcher	15	0.4%
Meade	15	0.4%
Nicholas	15	0.4%
Powell	15	0.4%
Rowan	15	0.4%
Clay	14	0.4%
Knott	14	0.4%
McCracken	14	0.4%
Todd	14	0.4%
Estill	13	0.3%
Leslie	13	0.3%
McCreary	13	0.3%
Webster	13	0.3%
Butler	12	0.3%
Metcalfe	12	0.3%
Johnson	11	0.3%
Logan	11	0.3%
Crittenden	10	0.3%
Fleming	10	0.3%
Grant	10	0.3%
Larue	10	0.3%
Lewis	10	0.3%
Mason	10	0.3%
Monroe	10	0.3%
Anderson	9	0.2%
Breckinridge	9	0.2%
Henry	9	0.2%

County	Cases	Percent
Breathitt	8	0.2%
Cumberland	8	0.2%
Jackson	8	0.2%
Washington	8	0.2%
Edmonson	7	0.2%
Hart	7	0.2%
Livingston	7	0.2%
McLean	7	0.2%
Owen	7	0.2%
Simpson	7	0.2%
Casey	6	0.2%
Lyon	6	0.2%
Union	6	0.2%
Bracken	5	0.1%
Trimble	5	0.1%
Fulton	4	0.1%
Hancock	4	0.1%
Carroll	3	0.1%
Wolfe	3	0.1%
Bath	2	0.1%
Gallatin	2	0.1%
Lee	2	0.1%
Owsley	2	0.1%
Morgan	1	0.0%
Robertson	1	0.0%
Ballard	0	0.0%
Carlisle	0	0.0%
Elliott	0	0.0%
Hickman	0	0.0%
Menifee	0	0.0%

Total New Cases
3,893

Total Deaths by County

County	Deaths	Percent
Jefferson	1,500	17.2%
Fayette	359	4.1%
Daviess	242	2.8%
Kenton	236	2.7%
Hardin	226	2.6%
Warren	221	2.5%
Hopkins	181	2.1%
Boone	174	2.0%
McCracken	158	1.8%
Pulaski	158	1.8%
Pike	150	1.7%
Madison	133	1.5%
Barren	120	1.4%
Christian	118	1.4%
Graves	117	1.3%
Harlan	114	1.3%
Bullitt	111	1.3%
Laurel	104	1.2%
Shelby	97	1.1%
Floyd	94	1.1%
Henderson	94	1.1%
Boyd	93	1.1%
Oldham	90	1.0%
Campbell	88	1.0%
Jessamine	87	1.0%
Bell	84	1.0%
Muhlenberg	83	1.0%
Perry	81	0.9%
Boyle	80	0.9%
Logan	77	0.9%

County	Deaths	Percent
Grayson	75	0.9%
Marshall	75	0.9%
Lincoln	74	0.8%
Ohio	74	0.8%
Nelson	73	0.8%
Whitley	73	0.8%
Taylor	72	0.8%
Franklin	71	0.8%
Greenup	69	0.8%
Mercer	67	0.8%
Adair	65	0.7%
Allen	61	0.7%
Hart	60	0.7%
Calloway	59	0.7%
Letcher	58	0.7%
Monroe	56	0.6%
Clay	55	0.6%
Mason	55	0.6%
Russell	54	0.6%
Wayne	54	0.6%
Lewis	53	0.6%
Carter	51	0.6%
Knox	49	0.6%
Casey	47	0.5%
Simpson	47	0.5%
Jackson	46	0.5%
Caldwell	45	0.5%
Montgomery	45	0.5%
McCreary	44	0.5%
Johnson	43	0.5%

County	Deaths	Percent
Washington	43	0.5%
Garrard	42	0.5%
Livingston	40	0.5%
Marion	40	0.5%
Scott	40	0.5%
Gallatin	37	0.4%
Metcalfe	37	0.4%
Anderson	36	0.4%
Larue	36	0.4%
Lawrence	36	0.4%
McLean	36	0.4%
Meade	33	0.4%
Webster	33	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Knott	32	0.4%
Crittenden	31	0.4%
Martin	30	0.3%
Todd	30	0.3%
Butler	29	0.3%
Fleming	29	0.3%
Harrison	29	0.3%
Lee	29	0.3%
Bath	28	0.3%
Edmonson	28	0.3%
Spencer	28	0.3%
Union	27	0.3%
Bourbon	26	0.3%
Breckinridge	26	0.3%
Grant	26	0.3%

County	Deaths	Percent
Rowan	26	0.3%
Woodford	26	0.3%
Lyon	25	0.3%
Rockcastle	25	0.3%
Henry	23	0.3%
Carroll	22	0.3%
Green	22	0.3%
Menifee	20	0.2%
Powell	20	0.2%
Trigg	20	0.2%
Breathitt	19	0.2%
Owen	19	0.2%
Hickman	18	0.2%
Magoffin	18	0.2%
Ballard	17	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Owsley	16	0.2%
Cumberland	15	0.2%
Robertson	15	0.2%
Nicholas	14	0.2%
Leslie	13	0.1%
Pendleton	13	0.1%
Estill	12	0.1%
Carlisle	11	0.1%
Trimble	9	0.1%
Bracken	8	0.1%
Wolfe	8	0.1%
Morgan	6	0.1%
Elliott	4	0.0%

Total Deaths
8,717

Incidence Rates by County

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

County	Rate
Whitley	144.2
Letcher	142.5
McCreary	132.7
Magoffin	130.4
Harlan	121.4
Owsley	119.7
Lawrence	118.4
Nicholas	114.0
Grayson	110.8
Estill	108.4
Knox	106.0
Ohio	103.6
Green	103.2
Leslie	99.8
Perry	97.6
Rockcastle	96.7
Metcalfe	96.5
Pendleton	94.0
Monroe	93.9
Barren	93.6
Martin	93.2
Harrison	93.0
Powell	91.3
Jackson	89.0
Webster	88.3
Garrard	87.3
Muhlenberg	84.0
Madison	83.6
Mercer	82.1
Jefferson	81.8

County	Rate
Bell	81.8
Nelson	81.3
Russell	80.5
Fleming	79.4
Lincoln	77.4
Rowan	77.1
Marion	77.1
Greenup	76.5
Allen	76.4
Adair	73.7
Cumberland	73.4
Hardin	71.7
Knott	71.4
McLean	71.4
Breathitt	70.1
Carroll	69.9
Warren	69.2
Bracken	68.8
Henry	68.2
Bourbon	67.9
Floyd	67.8
Carter	67.7
Johnson	67.0
Owen	66.8
Boyd	65.4
Jessamine	64.9
Simpson	60.8
Clinton	57.3
Butler	56.6
Logan	56.4

County	Rate
Hart	56.3
Wolfe	55.9
Christian	55.8
Laurel	55.7
Bullitt	55.3
Clark	55.2
Boyle	55.1
Washington	54.3
Daviess	54.3
Robertson	54.2
Casey	53.9
Spencer	53.2
Clay	53.1
Fayette	53.0
Hancock	52.4
Scott	52.4
Kenton	52.0
Union	51.7
Caldwell	51.6
Taylor	50.4
Gallatin	49.9
Wayne	49.2
Meade	48.0
Shelby	47.5
Boone	47.4
Lewis	47.4
Edmonson	47.0
Graves	46.4
Pulaski	45.9
Anderson	45.8

County	Rate
Trimble	45.5
Pike	44.7
Bath	44.6
Woodford	44.4
Franklin	42.9
Marshall	42.3
Hopkins	41.9
Campbell	41.7
Breckinridge	41.2
Larue	40.7
Grant	40.5
Morgan	38.6
Calloway	38.1
Mason	36.8
Lee	36.7
Hickman	35.9
Henderson	33.5
Todd	32.5
Menifee	30.8
Oldham	30.6
Livingston	28.0
Montgomery	26.4
McCracken	25.8
Trigg	25.4
Crittenden	24.3
Lyon	17.4
Elliott	15.2
Carlisle	15.0
Ballard	14.5
Fulton	14.4

Current Overall Incidence Rate
64.84 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.