

KY COVID-19 Report 21SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	661,586	483,434	178,152
Deaths	8,370	7,476	894
New Cases	3,391	1,863	1,528
New Cases 18 and Under	873	425	448
Total New Deaths	31	26	5

Duplicates and records not meeting case criteria removed since last report: 36

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
41,001	6.2%	0-9	0.0%	1
87,130	13.2%	10-19	0.0%	3
115,699	17.5%	20-29	0.2%	19
102,982	15.6%	30-39	0.8%	71
96,670	14.6%	40-49	2.8%	231
89,421	13.5%	50-59	7.4%	623
66,675	10.1%	60-69	18.2%	1,522
38,941	5.9%	70-79	27.3%	2,287
22,831	3.5%	80+	43.2%	3,613
236	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,649	0.3%	American Indian	0.1%	8
5,028	0.9%	Asian	0.5%	42
43,545	7.9%	Black	7.7%	613
377	0.1%	Pacific Islander	0.0%	4
473,054	85.7%	White	89.2%	7,146
28,630	5.2%	Multiracial	2.5%	198

Cases	Case Percent	Ethnicity	Death Percent	Deaths
25,171	4.8%	Hispanic	1.6%	123
501,958	95.2%	Non-Hispanic	98.4%	7,633

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.5% 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
16,768	140,250	11.95%

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
8,755,233	6,704,566	381,996	1,475,662	800,973	566,645	47,286	187,042

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	28,047	4.24%
Ever ICU	5,539	0.84%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,287
ICU	664
On Ventilator	445

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,110	4,127	68.8%
ICU Beds	1,345	198	87.2%
Ventilators	911	1,025	47.1%

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	95	39	18	12.0%	50.0%	20.2%	54.98%	71.79%	29.21%
Region 2	158	54	36	20.2%	66.7%	41.9%	74.58%	96.30%	54.65%
Region 3	635	168	104	16.9%	41.6%	22.7%	70.32%	92.82%	46.51%
Region 4	164	42	28	19.5%	42.4%	20.4%	59.91%	97.98%	40.15%
Region 5	433	136	93	15.4%	39.3%	17.1%	76.27%	92.20%	52.94%
Region 6	137	22	12	11.6%	31.4%	10.5%	82.28%	98.57%	42.98%
Region 7	137	37	31	20.6%	36.3%	18.2%	65.41%	58.82%	24.71%
Region 8	260	74	58	20.6%	37.2%	37.7%	52.38%	69.35%	59.74%
Region 9	204	64	47	30.5%	55.2%	43.9%	66.62%	93.10%	58.88%
Region 10	64	28	18	13.4%	58.3%	23.4%	60.38%	93.75%	46.75%

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	107,392	16.2%
Fayette	47,576	7.2%
Warren	23,614	3.6%
Kenton	21,108	3.2%
Boone	18,087	2.7%
Hardin	16,068	2.4%
Daviess	15,350	2.3%
Madison	13,977	2.1%
Laurel	12,260	1.9%
Campbell	11,226	1.7%
Bullitt	10,889	1.6%
Pike	9,492	1.4%
Oldham	9,456	1.4%
McCracken	9,296	1.4%
Pulaski	9,225	1.4%
Christian	9,171	1.4%
Boyd	7,450	1.1%
Nelson	7,436	1.1%
Henderson	7,356	1.1%
Whitley	7,349	1.1%
Jessamine	7,219	1.1%
Barren	7,200	1.1%
Hopkins	7,141	1.1%
Scott	7,125	1.1%
Graves	6,782	1.0%
Shelby	6,403	1.0%
Knox	6,378	1.0%
Floyd	6,284	0.9%
Franklin	6,241	0.9%
Greenup	5,639	0.9%

County	Cases	Percent
Perry	5,293	0.8%
Bell	5,277	0.8%
Muhlenberg	4,929	0.7%
Boyle	4,914	0.7%
Clay	4,838	0.7%
Calloway	4,810	0.7%
Taylor	4,710	0.7%
Logan	4,652	0.7%
Marshall	4,646	0.7%
Clark	4,589	0.7%
Harlan	4,564	0.7%
Montgomery	4,079	0.6%
Carter	4,075	0.6%
Grayson	3,961	0.6%
Mercer	3,901	0.6%
Ohio	3,856	0.6%
Lincoln	3,656	0.6%
Marion	3,559	0.5%
Grant	3,512	0.5%
Allen	3,411	0.5%
Johnson	3,383	0.5%
Letcher	3,271	0.5%
Hart	3,187	0.5%
Woodford	3,063	0.5%
Meade	3,043	0.5%
Rowan	3,029	0.5%
Russell	3,029	0.5%
Simpson	2,907	0.4%
McCreary	2,881	0.4%
Harrison	2,797	0.4%

County	Cases	Percent
Bourbon	2,791	0.4%
Rockcastle	2,783	0.4%
Adair	2,732	0.4%
Anderson	2,719	0.4%
Morgan	2,717	0.4%
Wayne	2,695	0.4%
Spencer	2,556	0.4%
Breckinridge	2,446	0.4%
Casey	2,382	0.4%
Garrard	2,378	0.4%
Union	2,316	0.4%
Mason	2,310	0.3%
Jackson	2,306	0.3%
Henry	2,252	0.3%
Webster	2,234	0.3%
Larue	2,230	0.3%
Lawrence	2,212	0.3%
Powell	2,200	0.3%
Washington	2,150	0.3%
Butler	2,130	0.3%
Lewis	2,119	0.3%
Knott	2,071	0.3%
Monroe	2,046	0.3%
Caldwell	1,970	0.3%
Green	1,915	0.3%
Estill	1,912	0.3%
Fleming	1,895	0.3%
Magoffin	1,890	0.3%
Leslie	1,886	0.3%
Lyon	1,811	0.3%

County	Cases	Percent
Clinton	1,783	0.3%
Breathitt	1,780	0.3%
Trigg	1,728	0.3%
Metcalfe	1,704	0.3%
Pendleton	1,659	0.3%
Carroll	1,658	0.3%
Lee	1,646	0.2%
Martin	1,642	0.2%
Todd	1,550	0.2%
Bath	1,403	0.2%
Edmonson	1,403	0.2%
McLean	1,298	0.2%
Hancock	1,272	0.2%
Elliott	1,244	0.2%
Owen	1,217	0.2%
Livingston	1,193	0.2%
Gallatin	1,097	0.2%
Trimble	1,074	0.2%
Wolfe	1,054	0.2%
Crittenden	977	0.1%
Cumberland	971	0.1%
Bracken	957	0.1%
Nicholas	923	0.1%
Owsley	841	0.1%
Menifee	767	0.1%
Fulton	672	0.1%
Ballard	599	0.1%
Carlisle	586	0.1%
Hickman	512	0.1%
Robertson	301	0.0%

Total Cases
661,586

New Cases by County

County	Cases	Percent
Jefferson	386	11.4%
Fayette	196	5.8%
Warren	136	4.0%
Hardin	100	2.9%
Madison	100	2.9%
Whitley	81	2.4%
Kenton	73	2.2%
Boone	72	2.1%
Knox	62	1.8%
Christian	60	1.8%
Bullitt	59	1.7%
Perry	58	1.7%
Barren	57	1.7%
Campbell	57	1.7%
Hopkins	56	1.7%
Floyd	51	1.5%
Scott	48	1.4%
Daviess	47	1.4%
Boyd	40	1.2%
Johnson	38	1.1%
Greenup	37	1.1%
Letcher	37	1.1%
Fleming	36	1.1%
Ohio	36	1.1%
Lincoln	35	1.0%
Nelson	35	1.0%
Jessamine	34	1.0%
Marion	34	1.0%
Franklin	33	1.0%
Laurel	33	1.0%

County	Cases	Percent
Anderson	32	0.9%
Magoffin	31	0.9%
Simpson	31	0.9%
Pulaski	30	0.9%
Harrison	29	0.9%
Breckinridge	28	0.8%
Taylor	28	0.8%
Powell	26	0.8%
Bell	25	0.7%
Clark	24	0.7%
Graves	24	0.7%
McCracken	24	0.7%
Grant	23	0.7%
Logan	23	0.7%
Russell	23	0.7%
Leslie	22	0.6%
Rockcastle	22	0.6%
Knott	21	0.6%
Lawrence	21	0.6%
Pike	21	0.6%
Allen	20	0.6%
Metcalfe	20	0.6%
Monroe	20	0.6%
Carroll	19	0.6%
Harlan	19	0.6%
Shelby	19	0.6%
Bourbon	18	0.5%
Carter	18	0.5%
McCreary	18	0.5%
Muhlenberg	18	0.5%

County	Cases	Percent
Clay	17	0.5%
Pendleton	17	0.5%
Woodford	17	0.5%
Butler	16	0.5%
Hart	16	0.5%
Marshall	16	0.5%
Wayne	16	0.5%
Grayson	15	0.4%
Henry	15	0.4%
Jackson	15	0.4%
Oldham	15	0.4%
Trigg	15	0.4%
Wolfe	15	0.4%
Todd	14	0.4%
Green	13	0.4%
Livingston	13	0.4%
Montgomery	13	0.4%
Clinton	12	0.4%
Martin	12	0.4%
Owsley	12	0.4%
Boyle	11	0.3%
Bracken	11	0.3%
Caldwell	11	0.3%
Cumberland	11	0.3%
Garrard	11	0.3%
Larue	11	0.3%
Nicholas	11	0.3%
Owen	11	0.3%
Webster	11	0.3%
Edmonson	10	0.3%

County	Cases	Percent
Henderson	10	0.3%
Meade	10	0.3%
Washington	10	0.3%
Gallatin	9	0.3%
Rowan	9	0.3%
Union	9	0.3%
Bath	8	0.2%
Breathitt	8	0.2%
Calloway	8	0.2%
Crittenden	8	0.2%
Lewis	8	0.2%
Spencer	8	0.2%
Lee	7	0.2%
Lyon	6	0.2%
Mason	6	0.2%
Mercer	6	0.2%
Casey	5	0.1%
Estill	5	0.1%
McLean	5	0.1%
Trimble	5	0.1%
Morgan	4	0.1%
Adair	3	0.1%
Elliott	3	0.1%
Robertson	2	0.1%
Ballard	1	0.0%
Menifee	1	0.0%
Carlisle	0	0.0%
Fulton	0	0.0%
Hancock	0	0.0%
Hickman	0	0.0%

Total New Cases
3,391

Total Deaths by County

County	Deaths	Percent
Jefferson	1,466	17.5%
Fayette	353	4.2%
Daviess	233	2.8%
Kenton	229	2.7%
Warren	218	2.6%
Hardin	214	2.6%
Hopkins	179	2.1%
Boone	170	2.0%
McCracken	155	1.9%
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	94	1.1%
Laurel	92	1.1%
Boyd	89	1.1%
Henderson	89	1.1%
Oldham	88	1.1%
Floyd	87	1.0%
Campbell	85	1.0%
Jessamine	84	1.0%
Muhlenberg	81	1.0%
Boyle	80	1.0%
Logan	77	0.9%
Bell	76	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%
Whitley	70	0.8%
Taylor	69	0.8%
Greenup	68	0.8%
Ohio	68	0.8%
Franklin	67	0.8%
Adair	62	0.7%
Allen	60	0.7%
Mercer	60	0.7%
Hart	58	0.7%
Calloway	57	0.7%
Letcher	54	0.6%
Wayne	53	0.6%
Clay	52	0.6%
Russell	52	0.6%
Monroe	51	0.6%
Carter	50	0.6%
Knox	49	0.6%
Lewis	49	0.6%
Mason	47	0.6%
Simpson	47	0.6%
Casey	46	0.5%
Jackson	45	0.5%
Caldwell	43	0.5%
Washington	42	0.5%
McCreary	41	0.5%
Garrard	40	0.5%

County	Deaths	Percent
Johnson	40	0.5%
Marion	40	0.5%
Scott	40	0.5%
Montgomery	38	0.5%
Gallatin	36	0.4%
Livingston	36	0.4%
Metcalfe	36	0.4%
Anderson	34	0.4%
Lawrence	34	0.4%
McLean	34	0.4%
Larue	33	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%
Todd	29	0.3%
Martin	28	0.3%
Spencer	27	0.3%
Edmonson	26	0.3%
Fleming	26	0.3%
Grant	26	0.3%
Rockcastle	25	0.3%
Rowan	25	0.3%
Union	25	0.3%
Woodford	25	0.3%

County	Deaths	Percent
Bath	24	0.3%
Lyon	24	0.3%
Henry	23	0.3%
Bourbon	22	0.3%
Breckinridge	21	0.3%
Carroll	21	0.3%
Green	21	0.3%
Trigg	20	0.2%
Menifee	19	0.2%
Magoffin	18	0.2%
Hickman	17	0.2%
Powell	17	0.2%
Ballard	16	0.2%
Breathitt	16	0.2%
Fulton	16	0.2%
Hancock	16	0.2%
Owen	16	0.2%
Owsley	16	0.2%
Robertson	15	0.2%
Cumberland	14	0.2%
Nicholas	14	0.2%
Estill	12	0.1%
Leslie	12	0.1%
Pendleton	12	0.1%
Carlisle	10	0.1%
Trimble	9	0.1%
Bracken	8	0.1%
Wolfe	8	0.1%
Morgan	6	0.1%
Elliott	2	0.0%

Total Deaths
8,370

Incidence Rates by County

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

County	Rate
Rockcastle	196.8
Whitley	190.7
Powell	187.3
Harlan	174.1
Monroe	173.0
Metcalfe	160.3
Barren	159.2
Leslie	156.2
Perry	155.8
Magoffin	152.7
Knox	147.7
Wolfe	141.7
Floyd	139.7
Owsley	139.1
McCreary	135.1
Harrison	133.9
Hart	133.6
Greenup	131.9
Jackson	131.8
Russell	128.3
Edmonson	124.6
Simpson	121.5
Marion	120.1
Madison	117.8
Warren	114.1
Jessamine	111.4
Bourbon	109.0
Bell	107.6
Estill	107.4
Logan	106.5

County	Rate
Grayson	105.4
Clay	103.4
Knott	103.2
Taylor	102.6
Johnson	101.1
Ohio	98.8
Carroll	98.1
Laurel	97.7
Graves	96.6
Letcher	96.1
Boyd	96.0
Allen	95.2
Hardin	95.1
Garrard	93.0
Breathitt	92.7
Pendleton	91.1
Butler	89.8
Lawrence	87.7
Muhlenberg	87.2
Larue	83.3
Nicholas	82.5
Webster	81.7
Martin	81.7
Green	81.0
Nelson	80.3
Boyle	80.3
Clark	78.4
Bullitt	78.4
Lincoln	78.0
Breckinridge	77.4

County	Rate
Henry	76.2
Lee	75.3
Robertson	74.5
Mason	73.6
Carter	73.6
Lewis	73.2
Cumberland	71.3
Gallatin	70.9
Christian	70.8
Hopkins	70.0
Pike	69.6
Franklin	69.2
Scott	68.9
Fleming	67.6
Bracken	67.1
McLean	66.7
Mercer	64.5
Woodford	64.1
Union	63.6
Meade	63.5
Spencer	63.5
Casey	62.8
Fayette	61.9
Henderson	61.0
Owen	60.3
Rowan	59.0
Hancock	59.0
Daviess	58.1
Trimble	57.3
Pulaski	56.1

County	Rate
Shelby	55.1
Todd	54.6
Washington	53.2
Montgomery	52.8
Jefferson	52.4
Marshall	51.9
Trigg	51.7
Caldwell	51.6
Grant	50.1
Kenton	49.4
Morgan	49.4
Campbell	47.6
Wayne	44.3
Boone	43.0
Adair	40.9
Bath	38.9
Anderson	38.3
Elliott	38.0
McCracken	37.6
Crittenden	35.7
Lyon	33.1
Hickman	32.6
Oldham	32.1
Calloway	31.1
Menifee	30.8
Ballard	27.2
Fulton	26.3
Livingston	18.6
Carlisle	18.0
Clinton	9.8

Current Overall Incidence Rate
75.74 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.