

# KY COVID-19 Report 18SEP21

## Daily Summary

Measure	Total	Confirmed	Probable
Cases	653,492	478,079	175,413
Deaths	8,299	7,415	884
New Cases	3,811	2,488	1,323
New Cases 18 and Under	1,002	622	380
Total New Deaths	48	38	10

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

## Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
40,174	6.1%	0-9	0.0%	1
85,741	13.1%	10-19	0.0%	3
114,425	17.5%	20-29	0.2%	18
101,751	15.6%	30-39	0.8%	65
95,572	14.6%	40-49	2.7%	227
88,490	13.5%	50-59	7.4%	611
65,943	10.1%	60-69	18.2%	1,507
38,532	5.9%	70-79	27.4%	2,274
22,629	3.5%	80+	43.3%	3,593
235	0.0%	Unknown	0.0%	0

## Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,626	0.3%	American Indian	0.1%	8
4,992	0.9%	Asian	0.5%	42
43,166	7.9%	Black	7.7%	611
377	0.1%	Pacific Islander	0.1%	4
467,603	85.6%	White	89.2%	7,088
28,239	5.2%	Multiracial	2.4%	192

  

Cases	Case Percent	Ethnicity	Death Percent	Deaths
24,983	4.8%	Hispanic	1.6%	121
495,984	95.2%	Non-Hispanic	98.4%	7,571

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
Race known for 83.6% 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
18,590	146,385	12.70%

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
8,678,737	6,653,914	380,077	1,455,852	790,920	559,905	46,657	184,358

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	27,844	4.26%
Ever ICU	5,506	0.84%

### Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,348
ICU	647
On Ventilator	455

### Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,487	3,726	71.8%
ICU Beds	1,391	134	91.2%
Ventilators	881	1,056	45.5%

### 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	107	43	22	13.3%	49.4%	23.4%	58.35%	88.51%	31.91%
Region 2	155	54	36	19.7%	65.1%	41.9%	76.94%	92.77%	56.98%
Region 3	669	171	114	17.7%	40.0%	25.3%	73.17%	91.33%	49.89%
Region 4	163	25	23	19.4%	25.5%	16.8%	63.42%	98.98%	31.39%
Region 5	439	134	96	15.6%	37.6%	17.5%	79.76%	93.54%	48.63%
Region 6	132	24	17	11.1%	30.4%	14.9%	85.51%	100.00%	47.37%
Region 7	129	33	29	19.8%	37.1%	17.1%	68.10%	58.43%	21.18%
Region 8	273	75	58	22.7%	52.8%	38.2%	53.62%	92.25%	58.55%
Region 9	215	61	43	32.2%	52.6%	39.8%	70.51%	93.97%	51.85%
Region 10	66	27	17	13.8%	56.3%	22.4%	61.43%	95.83%	42.11%

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	106,466	16.3%
Fayette	47,171	7.2%
Warren	23,287	3.6%
Kenton	20,890	3.2%
Boone	17,894	2.7%
Hardin	15,870	2.4%
Daviess	15,232	2.3%
Madison	13,793	2.1%
Laurel	12,124	1.9%
Campbell	11,097	1.7%
Bullitt	10,746	1.6%
Oldham	9,432	1.4%
Pike	9,430	1.4%
McCracken	9,238	1.4%
Pulaski	9,126	1.4%
Christian	9,077	1.4%
Nelson	7,361	1.1%
Boyd	7,343	1.1%
Henderson	7,310	1.1%
Whitley	7,210	1.1%
Jessamine	7,081	1.1%
Barren	7,043	1.1%
Hopkins	7,036	1.1%
Scott	7,032	1.1%
Graves	6,705	1.0%
Shelby	6,318	1.0%
Knox	6,280	1.0%
Floyd	6,202	0.9%
Franklin	6,163	0.9%
Greenup	5,542	0.8%

County	Cases	Percent
Bell	5,212	0.8%
Perry	5,151	0.8%
Muhlenberg	4,875	0.7%
Boyle	4,855	0.7%
Clay	4,789	0.7%
Calloway	4,760	0.7%
Marshall	4,618	0.7%
Taylor	4,609	0.7%
Logan	4,575	0.7%
Clark	4,502	0.7%
Harlan	4,476	0.7%
Montgomery	4,042	0.6%
Carter	4,027	0.6%
Grayson	3,889	0.6%
Mercer	3,869	0.6%
Ohio	3,792	0.6%
Lincoln	3,579	0.5%
Marion	3,506	0.5%
Grant	3,483	0.5%
Allen	3,378	0.5%
Johnson	3,331	0.5%
Letcher	3,192	0.5%
Hart	3,133	0.5%
Meade	3,023	0.5%
Woodford	3,018	0.5%
Rowan	2,984	0.5%
Russell	2,968	0.5%
Simpson	2,850	0.4%
McCreary	2,808	0.4%
Bourbon	2,756	0.4%

County	Cases	Percent
Harrison	2,734	0.4%
Rockcastle	2,724	0.4%
Adair	2,701	0.4%
Morgan	2,699	0.4%
Anderson	2,665	0.4%
Wayne	2,658	0.4%
Spencer	2,524	0.4%
Breckinridge	2,406	0.4%
Garrard	2,343	0.4%
Casey	2,340	0.4%
Mason	2,297	0.4%
Union	2,291	0.4%
Jackson	2,265	0.3%
Henry	2,213	0.3%
Webster	2,213	0.3%
Larue	2,208	0.3%
Lawrence	2,184	0.3%
Powell	2,152	0.3%
Washington	2,137	0.3%
Butler	2,100	0.3%
Lewis	2,096	0.3%
Knott	2,023	0.3%
Monroe	1,995	0.3%
Caldwell	1,949	0.3%
Green	1,871	0.3%
Estill	1,845	0.3%
Fleming	1,841	0.3%
Magoffin	1,831	0.3%
Leslie	1,820	0.3%
Lyon	1,797	0.3%

County	Cases	Percent
Clinton	1,758	0.3%
Breathitt	1,754	0.3%
Trigg	1,698	0.3%
Metcalfe	1,666	0.3%
Pendleton	1,639	0.3%
Carroll	1,636	0.3%
Lee	1,630	0.2%
Martin	1,619	0.2%
Todd	1,533	0.2%
Bath	1,389	0.2%
Edmonson	1,371	0.2%
McLean	1,286	0.2%
Hancock	1,269	0.2%
Elliott	1,241	0.2%
Owen	1,201	0.2%
Livingston	1,172	0.2%
Gallatin	1,084	0.2%
Trimble	1,065	0.2%
Wolfe	1,024	0.2%
Cumberland	960	0.1%
Crittenden	947	0.1%
Bracken	935	0.1%
Nicholas	896	0.1%
Owsley	817	0.1%
Menifee	764	0.1%
Fulton	669	0.1%
Ballard	596	0.1%
Carlisle	586	0.1%
Hickman	509	0.1%
Robertson	298	0.0%

Total Cases  
653,492

## New Cases by County

County	Cases	Percent
Jefferson	424	11.1%
Fayette	254	6.7%
Warren	168	4.4%
Kenton	121	3.2%
Hardin	106	2.8%
Jessamine	88	2.3%
Pike	83	2.2%
Madison	81	2.1%
Whitley	81	2.1%
Barren	80	2.1%
Boone	77	2.0%
Bullitt	74	1.9%
Laurel	69	1.8%
Daviess	66	1.7%
Harlan	66	1.7%
Breckinridge	60	1.6%
Greenup	54	1.4%
Hopkins	54	1.4%
Floyd	53	1.4%
Campbell	52	1.4%
Knox	46	1.2%
Pulaski	46	1.2%
Boyd	44	1.2%
Grayson	41	1.1%
Hart	40	1.0%
Nelson	40	1.0%
Bourbon	37	1.0%
Logan	36	0.9%
Christian	35	0.9%
Russell	35	0.9%

County	Cases	Percent
Clark	33	0.9%
Allen	31	0.8%
Taylor	31	0.8%
Perry	30	0.8%
McCracken	28	0.7%
Bell	27	0.7%
Franklin	27	0.7%
Graves	27	0.7%
Scott	27	0.7%
Simpson	27	0.7%
Letcher	26	0.7%
Oldham	26	0.7%
Metcalfe	25	0.7%
Woodford	25	0.7%
Rockcastle	24	0.6%
Shelby	24	0.6%
Carter	23	0.6%
Meade	23	0.6%
Rowan	23	0.6%
Clay	22	0.6%
Mason	22	0.6%
Muhlenberg	22	0.6%
Johnson	21	0.6%
McCreary	21	0.6%
Henderson	20	0.5%
Leslie	20	0.5%
Ohio	20	0.5%
Carroll	19	0.5%
Jackson	19	0.5%
Boyle	18	0.5%

County	Cases	Percent
Montgomery	18	0.5%
Spencer	18	0.5%
Caldwell	17	0.4%
Edmonson	17	0.4%
Monroe	17	0.4%
Powell	17	0.4%
Butler	15	0.4%
Clinton	15	0.4%
Grant	15	0.4%
Marion	15	0.4%
Marshall	15	0.4%
Adair	14	0.4%
Estill	14	0.4%
Garrard	14	0.4%
Lincoln	14	0.4%
Mercer	14	0.4%
Trigg	14	0.4%
Union	14	0.4%
Harrison	13	0.3%
Henry	13	0.3%
Magoffin	13	0.3%
Todd	13	0.3%
Anderson	12	0.3%
Casey	12	0.3%
Gallatin	12	0.3%
Lawrence	12	0.3%
Lewis	12	0.3%
Webster	12	0.3%
Breathitt	11	0.3%
Larue	11	0.3%

County	Cases	Percent
Wolfe	11	0.3%
Pendleton	10	0.3%
Trimble	10	0.3%
Cumberland	9	0.2%
Fleming	9	0.2%
Owsley	9	0.2%
Knott	8	0.2%
McLean	7	0.2%
Owen	7	0.2%
Bath	6	0.2%
Calloway	6	0.2%
Hancock	6	0.2%
Washington	6	0.2%
Elliott	5	0.1%
Green	5	0.1%
Livingston	5	0.1%
Morgan	5	0.1%
Wayne	5	0.1%
Ballard	4	0.1%
Bracken	4	0.1%
Lyon	2	0.1%
Menifee	2	0.1%
Nicholas	2	0.1%
Fulton	1	0.0%
Hickman	1	0.0%
Robertson	1	0.0%
Carlisle	0	0.0%
Crittenden	0	0.0%
Lee	0	0.0%
Martin	0	0.0%

Total New Cases  
3,811

## Total Deaths by County

County	Deaths	Percent
Jefferson	1,457	17.6%
Fayette	352	4.2%
Daviess	230	2.8%
Kenton	229	2.8%
Warren	218	2.6%
Hardin	206	2.5%
Hopkins	177	2.1%
Boone	169	2.0%
McCracken	155	1.9%
Pulaski	145	1.7%
Pike	139	1.7%
Madison	126	1.5%
Barren	117	1.4%
Christian	117	1.4%
Graves	114	1.4%
Bullitt	103	1.2%
Harlan	101	1.2%
Shelby	93	1.1%
Boyd	89	1.1%
Henderson	89	1.1%
Oldham	88	1.1%
Floyd	87	1.0%
Laurel	87	1.0%
Campbell	85	1.0%
Jessamine	82	1.0%
Muhlenberg	81	1.0%
Boyle	80	1.0%
Logan	77	0.9%
Perry	76	0.9%
Marshall	75	0.9%

County	Deaths	Percent
Bell	74	0.9%
Lincoln	72	0.9%
Grayson	71	0.9%
Nelson	71	0.9%
Greenup	68	0.8%
Ohio	68	0.8%
Whitley	68	0.8%
Franklin	67	0.8%
Taylor	64	0.8%
Adair	62	0.7%
Mercer	60	0.7%
Allen	59	0.7%
Hart	58	0.7%
Calloway	57	0.7%
Letcher	54	0.7%
Wayne	53	0.6%
Clay	52	0.6%
Monroe	51	0.6%
Russell	51	0.6%
Carter	50	0.6%
Knox	49	0.6%
Lewis	48	0.6%
Mason	47	0.6%
Simpson	47	0.6%
Casey	46	0.6%
Jackson	44	0.5%
Caldwell	43	0.5%
Washington	42	0.5%
Garrard	40	0.5%
Johnson	40	0.5%

County	Deaths	Percent
Marion	40	0.5%
Scott	39	0.5%
McCreary	37	0.4%
Montgomery	37	0.4%
Metcalfe	36	0.4%
Gallatin	35	0.4%
Livingston	35	0.4%
Lawrence	34	0.4%
Anderson	32	0.4%
Clark	32	0.4%
Clinton	32	0.4%
McLean	32	0.4%
Webster	31	0.4%
Crittenden	30	0.4%
Larue	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%
Woodford	25	0.3%
Bath	24	0.3%

County	Deaths	Percent
Lyon	24	0.3%
Union	24	0.3%
Henry	23	0.3%
Bourbon	22	0.3%
Carroll	21	0.3%
Green	21	0.3%
Breckinridge	20	0.2%
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%
Estill	12	0.1%
Leslie	12	0.1%
Pendleton	12	0.1%
Carlisle	10	0.1%
Nicholas	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  
8,299

## Incidence Rates by County

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

County	Rate
Rockcastle	226.8
Whitley	208.0
Powell	197.7
Knox	175.7
Perry	170.8
Floyd	169.4
Harlan	168.6
Leslie	167.8
Metcalfe	156.0
Barren	150.1
Wolfe	149.7
Jackson	145.8
Monroe	140.8
Greenup	136.8
Owsley	135.9
Hart	134.3
Madison	134.3
Harrison	133.1
Russell	133.1
Grayson	131.9
Edmonson	128.2
Martin	126.3
Marion	125.3
Logan	122.8
Warren	122.3
Magoffin	122.2
Bell	121.3
Breathitt	119.9
Garrard	119.7
Jessamine	119.6

County	Rate
Simpson	116.9
Knott	114.8
Bourbon	113.3
Allen	113.3
Clay	112.0
Johnson	110.7
Ohio	110.1
Carroll	108.8
Laurel	108.1
McCreary	107.8
Boyd	107.6
Hardin	102.5
Graves	102.4
Estill	102.3
Lee	100.3
Webster	97.1
Muhlenberg	97.0
Larue	96.2
Pendleton	96.0
Letcher	93.5
Pike	92.3
Mercer	91.8
Nelson	90.5
Hancock	90.1
Boyle	88.9
Butler	87.6
Carter	87.4
Cumberland	86.4
Bullitt	84.5
Taylor	83.2

County	Rate
Breckinridge	83.0
Henry	82.4
Mason	80.3
Lincoln	80.3
Lawrence	80.2
Lewis	78.6
Gallatin	77.3
Franklin	76.2
Christian	75.8
Green	74.4
Meade	74.0
Henderson	73.6
Nicholas	72.7
Trimble	70.8
Hopkins	70.3
McLean	69.8
Clark	69.7
Bracken	68.8
Scott	68.4
Fayette	68.0
Union	67.5
Marshall	67.5
Casey	66.3
Spencer	65.7
Washington	65.0
Daviess	64.9
Owen	61.6
Robertson	61.0
Pulaski	60.2
Morgan	59.0

County	Rate
Jefferson	58.4
Fleming	57.8
Caldwell	57.2
Montgomery	56.3
Kenton	55.9
Grant	55.3
Woodford	53.4
Elliott	53.2
Campbell	52.2
Hickman	52.2
Shelby	51.3
Calloway	48.0
Todd	47.6
Adair	47.6
McCracken	47.4
Boone	47.3
Wayne	45.7
Ballard	45.3
Trigg	44.9
Rowan	44.4
Oldham	43.8
Fulton	43.1
Bath	42.3
Crittenden	35.7
Menifee	30.8
Carlisle	30.0
Anderson	28.3
Livingston	26.4
Lyon	26.1
Clinton	9.8

**Current Overall Incidence Rate**  
82.46 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.