

# KY COVID-19 Report

## 01SEP21

### Daily Summary

Measure	Total	Confirmed	Probable
Cases	581,982	429,275	152,707
Deaths	7,776	6,962	814
New Cases	4,941	3,321	1,620
New Cases 18 and Under	1,560	991	569
Total New Deaths	12	9	3

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

### Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
32,594	5.6%	0-9	0.0%	1
71,543	12.3%	10-19	0.0%	1
103,797	17.8%	20-29	0.2%	13
90,681	15.6%	30-39	0.7%	55
86,061	14.8%	40-49	2.4%	185
80,289	13.8%	50-59	6.6%	516
60,151	10.3%	60-69	17.7%	1,375
35,372	6.1%	70-79	27.6%	2,148
21,263	3.7%	80+	44.8%	3,482
231	0.0%	Unknown	0.0%	0

### Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,368	0.3%	American Indian	0.1%	8
4,688	1.0%	Asian	0.5%	40
39,472	8.1%	Black	7.9%	591
376	0.1%	Pacific Islander	0.1%	4
416,854	85.5%	White	89.0%	6,641
24,695	5.1%	Multiracial	2.4%	176

Cases	Case Percent	Ethnicity	Death Percent	Deaths
23,300	5.0%	Hispanic	1.6%	116
442,847	95.0%	Non-Hispanic	98.4%	7,089

Percentages are expressed as percentage of cases or deaths with race or ethnicity known  
 Race known for 83.8% of cases and 95.9% of deaths  
 Ethnicity known for 80.1% of cases and 92.7% of deaths

### Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
20,442	153,101	13.35%

### 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
8,063,823	6,246,578	368,185	1,278,998	707,212	502,453	43,110	161,649

## Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	26,155	4.49%
Ever ICU	5,228	0.90%

## Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,267
ICU	644
On Ventilator	410

## Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,362	3,904	70.6%
ICU Beds	1,329	160	89.3%
Ventilators	812	1,028	44.1%

## 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	131	38	26	16.7%	45.2%	26.3%	65.94%	95.24%	36.36%
Region 2	148	52	36	18.8%	61.9%	41.9%	71.88%	95.24%	61.63%
Region 3	625	169	108	16.6%	41.0%	24.2%	70.37%	90.78%	51.35%
Region 4	153	44	29	17.7%	40.4%	21.5%	58.82%	85.32%	31.85%
Region 5	416	125	84	14.5%	35.5%	16.3%	76.84%	90.91%	43.99%
Region 6	147	33	21	12.3%	43.4%	19.1%	83.58%	97.37%	50.91%
Region 7	125	31	13	18.5%	30.4%	10.6%	68.25%	56.86%	12.20%
Region 8	243	74	35	20.4%	57.4%	23.2%	58.57%	86.82%	47.02%
Region 9	218	57	39	33.0%	59.4%	38.6%	68.33%	96.88%	43.56%
Region 10	61	21	19	12.4%	46.7%	26.0%	65.10%	100.00%	52.05%

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.

As compared to previous weeks, most regions are now showing >80% of ICU beds in use. This is due, in part, to a change in counting available beds – rather than reporting bed availability alone, hospitals are now reporting available beds that have available staff coverage, better reflecting actual hospital capacity levels

### 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	98,118	16.9%
Fayette	43,282	7.4%
Warren	20,590	3.5%
Kenton	19,194	3.3%
Boone	16,546	2.8%
Daviess	13,867	2.4%
Hardin	13,634	2.3%
Madison	11,822	2.0%
Laurel	10,738	1.8%
Campbell	10,037	1.7%
Bullitt	9,455	1.6%
Oldham	8,850	1.5%
McCracken	8,564	1.5%
Pulaski	8,238	1.4%
Pike	8,125	1.4%
Christian	8,100	1.4%
Henderson	6,567	1.1%
Nelson	6,546	1.1%
Boyd	6,460	1.1%
Scott	6,428	1.1%
Hopkins	6,251	1.1%
Jessamine	6,031	1.0%
Whitley	5,987	1.0%
Barren	5,923	1.0%
Graves	5,876	1.0%
Shelby	5,843	1.0%
Franklin	5,352	0.9%
Floyd	5,233	0.9%
Knox	5,167	0.9%
Greenup	4,768	0.8%

County	Cases	Percent
Bell	4,467	0.8%
Calloway	4,385	0.8%
Boyle	4,331	0.7%
Muhlenberg	4,320	0.7%
Clay	4,246	0.7%
Taylor	4,138	0.7%
Marshall	4,135	0.7%
Perry	4,129	0.7%
Logan	4,009	0.7%
Clark	3,958	0.7%
Harlan	3,736	0.6%
Montgomery	3,659	0.6%
Carter	3,425	0.6%
Mercer	3,394	0.6%
Ohio	3,345	0.6%
Grayson	3,204	0.6%
Lincoln	3,159	0.5%
Grant	3,115	0.5%
Marion	3,021	0.5%
Allen	2,885	0.5%
Johnson	2,800	0.5%
Letcher	2,742	0.5%
Rowan	2,740	0.5%
Hart	2,691	0.5%
Meade	2,666	0.5%
Woodford	2,629	0.5%
Morgan	2,550	0.4%
Simpson	2,541	0.4%
Wayne	2,469	0.4%
McCreary	2,454	0.4%

County	Cases	Percent
Adair	2,450	0.4%
Russell	2,406	0.4%
Anderson	2,302	0.4%
Bourbon	2,297	0.4%
Harrison	2,297	0.4%
Spencer	2,249	0.4%
Rockcastle	2,170	0.4%
Union	2,087	0.4%
Mason	2,086	0.4%
Casey	2,066	0.4%
Breckinridge	2,016	0.3%
Garrard	1,971	0.3%
Webster	1,970	0.3%
Larue	1,953	0.3%
Jackson	1,952	0.3%
Henry	1,935	0.3%
Washington	1,929	0.3%
Lawrence	1,885	0.3%
Lewis	1,848	0.3%
Butler	1,813	0.3%
Caldwell	1,781	0.3%
Powell	1,764	0.3%
Lyon	1,740	0.3%
Monroe	1,689	0.3%
Fleming	1,686	0.3%
Knott	1,659	0.3%
Green	1,655	0.3%
Clinton	1,610	0.3%
Estill	1,597	0.3%
Magoffin	1,545	0.3%

County	Cases	Percent
Trigg	1,539	0.3%
Lee	1,483	0.3%
Leslie	1,467	0.3%
Breathitt	1,435	0.2%
Todd	1,409	0.2%
Pendleton	1,407	0.2%
Carroll	1,403	0.2%
Metcalfe	1,392	0.2%
Martin	1,318	0.2%
Bath	1,272	0.2%
McLean	1,163	0.2%
Elliott	1,150	0.2%
Edmonson	1,136	0.2%
Hancock	1,105	0.2%
Livingston	1,093	0.2%
Owen	1,052	0.2%
Trimble	952	0.2%
Gallatin	946	0.2%
Crittenden	862	0.1%
Bracken	835	0.1%
Wolfe	820	0.1%
Cumberland	817	0.1%
Nicholas	780	0.1%
Owsley	703	0.1%
Menifee	669	0.1%
Fulton	611	0.1%
Carlisle	557	0.1%
Ballard	531	0.1%
Hickman	455	0.1%
Robertson	268	0.0%

Total Cases  
581,982

## New Cases by County

County	Cases	Percent
Jefferson	626	12.7%
Fayette	275	5.6%
Hardin	192	3.9%
Warren	163	3.3%
Bullitt	136	2.8%
Daviess	106	2.1%
Pike	103	2.1%
Kenton	101	2.0%
Campbell	92	1.9%
Laurel	90	1.8%
Perry	79	1.6%
Boone	78	1.6%
Floyd	78	1.6%
Henderson	76	1.5%
Oldham	72	1.5%
Madison	71	1.4%
Whitley	66	1.3%
Pulaski	64	1.3%
Barren	61	1.2%
Grayson	59	1.2%
Knox	58	1.2%
Harlan	57	1.2%
McCracken	56	1.1%
Hopkins	55	1.1%
Bell	52	1.1%
Greenup	52	1.1%
Nelson	51	1.0%
Boyd	49	1.0%
Graves	47	1.0%
Clay	43	0.9%

County	Cases	Percent
Muhlenberg	43	0.9%
Boyle	42	0.9%
Shelby	42	0.9%
Anderson	41	0.8%
Franklin	41	0.8%
Grant	41	0.8%
Lincoln	41	0.8%
Logan	41	0.8%
Larue	40	0.8%
Christian	39	0.8%
Allen	38	0.8%
Carter	38	0.8%
Scott	38	0.8%
Leslie	37	0.7%
Ohio	36	0.7%
Breathitt	34	0.7%
Breckinridge	34	0.7%
Johnson	34	0.7%
Rockcastle	34	0.7%
Estill	33	0.7%
Fleming	33	0.7%
Clark	32	0.6%
Marion	32	0.6%
Marshall	31	0.6%
Webster	31	0.6%
Carroll	30	0.6%
Lewis	30	0.6%
Casey	29	0.6%
Mercer	29	0.6%
Calloway	28	0.6%

County	Cases	Percent
Green	28	0.6%
Harrison	28	0.6%
Simpson	26	0.5%
Spencer	26	0.5%
Henry	24	0.5%
Jessamine	24	0.5%
Powell	24	0.5%
Knott	23	0.5%
Lawrence	23	0.5%
Adair	21	0.4%
Bourbon	21	0.4%
Owen	21	0.4%
Garrard	19	0.4%
Letcher	19	0.4%
Meade	18	0.4%
Monroe	18	0.4%
Montgomery	18	0.4%
Morgan	18	0.4%
Magoffin	17	0.3%
Washington	17	0.3%
Taylor	16	0.3%
Hart	15	0.3%
Martin	15	0.3%
Menifee	14	0.3%
Union	14	0.3%
Wolfe	14	0.3%
Butler	13	0.3%
Jackson	13	0.3%
McCreary	13	0.3%
Edmonson	12	0.2%

County	Cases	Percent
Russell	12	0.2%
Woodford	12	0.2%
Pendleton	11	0.2%
Wayne	11	0.2%
Crittenden	10	0.2%
Gallatin	10	0.2%
Bracken	9	0.2%
Cumberland	9	0.2%
McLean	8	0.2%
Mason	8	0.2%
Metcalfe	8	0.2%
Todd	8	0.2%
Caldwell	7	0.1%
Lyon	7	0.1%
Trimble	7	0.1%
Bath	6	0.1%
Clinton	6	0.1%
Trigg	6	0.1%
Hancock	5	0.1%
Nicholas	5	0.1%
Elliott	4	0.1%
Fulton	4	0.1%
Livingston	4	0.1%
Lee	3	0.1%
Ballard	2	0.0%
Hickman	2	0.0%
Rowan	2	0.0%
Carlisle	1	0.0%
Owsley	1	0.0%
Robertson	1	0.0%

Total New Cases  
4,941

Total Deaths by County

County	Deaths	Percent
Jefferson	1,413	18.2%
Fayette	329	4.2%
Daviess	217	2.8%
Kenton	217	2.8%
Warren	199	2.6%
Hardin	189	2.4%
Boone	162	2.1%
Hopkins	161	2.1%
McCracken	140	1.8%
Pulaski	132	1.7%
Pike	126	1.6%
Madison	117	1.5%
Christian	112	1.4%
Barren	109	1.4%
Graves	107	1.4%
Harlan	97	1.2%
Bullitt	95	1.2%
Laurel	87	1.1%
Henderson	86	1.1%
Oldham	86	1.1%
Shelby	86	1.1%
Boyd	84	1.1%
Campbell	84	1.1%
Boyle	80	1.0%
Jessamine	79	1.0%
Logan	77	1.0%
Muhlenberg	77	1.0%
Floyd	75	1.0%
Perry	70	0.9%
Marshall	68	0.9%

County	Deaths	Percent
Nelson	68	0.9%
Franklin	65	0.8%
Whitley	65	0.8%
Bell	64	0.8%
Greenup	64	0.8%
Lincoln	64	0.8%
Grayson	61	0.8%
Ohio	59	0.8%
Adair	58	0.7%
Mercer	57	0.7%
Taylor	57	0.7%
Calloway	56	0.7%
Hart	56	0.7%
Letcher	52	0.7%
Wayne	50	0.6%
Knox	49	0.6%
Monroe	49	0.6%
Allen	48	0.6%
Clay	48	0.6%
Lewis	48	0.6%
Russell	47	0.6%
Simpson	45	0.6%
Mason	44	0.6%
Carter	42	0.5%
Washington	42	0.5%
Casey	41	0.5%
Marion	40	0.5%
Jackson	39	0.5%
Johnson	38	0.5%
Garrard	37	0.5%

County	Deaths	Percent
Scott	37	0.5%
Montgomery	35	0.5%
Caldwell	34	0.4%
Gallatin	34	0.4%
McCreary	34	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Lawrence	31	0.4%
McLean	31	0.4%
Metcalfe	31	0.4%
Larue	30	0.4%
Meade	29	0.4%
Butler	28	0.4%
Harrison	28	0.4%
Todd	28	0.4%
Crittenden	27	0.3%
Fleming	27	0.3%
Livingston	27	0.3%
Lee	26	0.3%
Spencer	26	0.3%
Webster	26	0.3%
Anderson	25	0.3%
Edmonson	25	0.3%
Grant	25	0.3%
Knott	25	0.3%
Rockcastle	25	0.3%
Bath	24	0.3%
Lyon	23	0.3%
Woodford	23	0.3%
Martin	22	0.3%

County	Deaths	Percent
Rowan	22	0.3%
Bourbon	21	0.3%
Carroll	21	0.3%
Henry	21	0.3%
Breckinridge	20	0.3%
Union	20	0.3%
Magoffin	18	0.2%
Green	17	0.2%
Menifee	17	0.2%
Fulton	16	0.2%
Hickman	16	0.2%
Owsley	16	0.2%
Trigg	16	0.2%
Hancock	15	0.2%
Powell	15	0.2%
Robertson	14	0.2%
Breathitt	13	0.2%
Cumberland	13	0.2%
Owen	13	0.2%
Estill	12	0.2%
Ballard	11	0.1%
Carlisle	10	0.1%
Nicholas	10	0.1%
Leslie	9	0.1%
Bracken	8	0.1%
Trimble	8	0.1%
Wolfe	8	0.1%
Morgan	5	0.1%
Pendleton	5	0.1%
Elliott	2	0.0%

Total Deaths  
7,776

## Incidence Rates by County

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

County	Rate
Owsley	271.8
Perry	245.1
Bell	227.2
Leslie	225.6
Clay	215.4
Whitley	213.1
Wolfe	209.6
Powell	190.7
Breathitt	181.0
Larue	177.6
Grayson	166.0
Floyd	161.0
Graves	160.2
Laurel	160.2
Knox	150.9
Monroe	150.2
Nicholas	143.5
Magoffin	143.3
Carter	141.3
Harlan	140.1
Estill	137.7
Rockcastle	136.9
Marion	136.4
Breckinridge	135.3
Pike	133.8
Allen	132.7
Casey	131.7
Mercer	128.3
Boyle	127.8
Carroll	126.3

County	Rate
Muhlenberg	125.5
Russell	125.1
Ohio	124.4
Fleming	123.4
Greenup	121.3
Jackson	121.1
Taylor	118.6
Logan	118.6
Menifee	116.7
Hardin	116.3
Barren	114.9
Green	114.9
Spencer	113.0
Lawrence	112.9
Webster	112.6
Henry	112.5
Lewis	110.8
Union	109.3
Marshall	108.4
Trimble	107.9
Lee	106.1
Nelson	105.1
Warren	104.5
Hart	104.3
Owen	103.5
Knott	103.2
Bourbon	103.2
Harrison	102.9
Boyd	101.8
Henderson	100.2

County	Rate
Letcher	97.4
Bullitt	96.7
Hopkins	96.5
Washington	95.7
Robertson	94.9
Butler	94.3
Johnson	92.1
Lyon	87.0
McLean	86.9
Madison	85.7
Metcalfe	85.1
Clark	81.5
Lincoln	80.3
Jessamine	79.5
Martin	79.1
Gallatin	78.9
Garrard	78.4
Daviess	77.5
Grant	75.8
Fayette	70.6
Edmonson	69.4
Hancock	68.8
Jefferson	68.6
Bath	68.6
Pendleton	68.5
Franklin	68.4
McCracken	68.4
Caldwell	67.2
Simpson	64.6
Pulaski	62.9

County	Rate
Oldham	62.9
Rowan	62.5
Montgomery	61.9
Shelby	61.8
Calloway	61.5
Fulton	59.8
Mason	59.4
Meade	59.0
Hickman	58.7
Campbell	56.3
Crittenden	55.2
Cumberland	54.0
Clinton	53.1
Scott	52.4
Anderson	50.9
Livingston	48.2
Kenton	48.0
McCreary	46.4
Morgan	46.2
Boone	45.9
Adair	45.4
Todd	40.7
Ballard	38.0
Elliott	38.0
Christian	36.3
Bracken	36.1
Wayne	35.8
Trigg	30.2
Carlisle	21.0
Woodford	20.8

Current Overall Incidence Rate  
89.02 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.