

KY COVID-19 Report

02SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	587,414	433,074	154,340
Deaths	7,821	7,004	817
New Cases	5,457	3,832	1,625
New Cases 18 and Under	1,774	1,199	575
Total New Deaths	45	42	3

Duplicates and records not meeting case criteria removed since last report: 25

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
33,168	5.6%	0-9	0.0%	1
72,824	12.4%	10-19	0.0%	1
104,587	17.8%	20-29	0.2%	14
91,501	15.6%	30-39	0.7%	56
86,741	14.8%	40-49	2.4%	189
80,842	13.8%	50-59	6.7%	523
60,560	10.3%	60-69	17.7%	1,387
35,604	6.1%	70-79	27.7%	2,163
21,356	3.6%	80+	44.6%	3,487
231	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,399	0.3%	American Indian	0.1%	8
4,708	1.0%	Asian	0.5%	40
39,778	8.1%	Black	7.9%	592
376	0.1%	Pacific Islander	0.1%	4
420,694	85.5%	White	89.1%	6,680
24,883	5.1%	Multiracial	2.3%	176

Cases	Case Percent	Ethnicity	Death Percent	Deaths
23,439	5.0%	Hispanic	1.6%	117
446,759	95.0%	Non-Hispanic	98.4%	7,133

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
 Race known for 83.7% of cases and 95.9% of deaths
 Ethnicity known for 80.0% of cases and 92.7% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
20,575	154,821	13.29%

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
8,111,905	6,278,438	369,000	1,292,951	713,807	507,040	43,373	163,394

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	26,237	4.47%
Ever ICU	5,239	0.89%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,315
ICU	620
On Ventilator	408

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,424	4,015	70.1%
ICU Beds	1,325	198	87.0%
Ventilators	861	997	46.3%

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	129	36	26	14.8%	32.7%	27.7%	61.44%	72.73%	34.04%
Region 2	149	50	33	18.9%	58.8%	38.4%	75.48%	97.65%	59.30%
Region 3	675	178	130	18.0%	44.1%	28.5%	72.27%	93.81%	54.82%
Region 4	155	44	29	17.3%	45.4%	21.5%	58.05%	93.81%	31.11%
Region 5	426	121	72	14.5%	34.5%	13.9%	74.52%	89.46%	48.46%
Region 6	135	26	21	11.3%	32.1%	18.4%	82.69%	93.83%	53.51%
Region 7	111	25	15	17.1%	28.4%	11.5%	65.59%	52.27%	19.85%
Region 8	259	63	39	20.8%	34.2%	26.2%	61.16%	76.63%	51.68%
Region 9	218	56	33	34.7%	73.7%	32.4%	66.88%	89.47%	39.22%
Region 10	58	21	10	12.2%	44.7%	13.7%	58.28%	100.00%	42.47%

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	98,866	16.8%
Fayette	43,532	7.4%
Warren	20,784	3.5%
Kenton	19,273	3.3%
Boone	16,612	2.8%
Daviess	13,983	2.4%
Hardin	13,822	2.4%
Madison	11,994	2.0%
Laurel	10,879	1.9%
Campbell	10,114	1.7%
Bullitt	9,567	1.6%
Oldham	8,916	1.5%
McCracken	8,620	1.5%
Pulaski	8,318	1.4%
Pike	8,189	1.4%
Christian	8,144	1.4%
Henderson	6,658	1.1%
Nelson	6,604	1.1%
Boyd	6,520	1.1%
Scott	6,461	1.1%
Hopkins	6,332	1.1%
Jessamine	6,085	1.0%
Whitley	6,046	1.0%
Barren	5,992	1.0%
Graves	5,979	1.0%
Shelby	5,882	1.0%
Franklin	5,412	0.9%
Floyd	5,311	0.9%
Knox	5,242	0.9%
Greenup	4,821	0.8%

County	Cases	Percent
Bell	4,548	0.8%
Calloway	4,431	0.8%
Muhlenberg	4,357	0.7%
Boyle	4,344	0.7%
Clay	4,286	0.7%
Perry	4,224	0.7%
Marshall	4,174	0.7%
Taylor	4,172	0.7%
Logan	4,068	0.7%
Clark	3,992	0.7%
Harlan	3,765	0.6%
Montgomery	3,680	0.6%
Carter	3,479	0.6%
Mercer	3,424	0.6%
Ohio	3,380	0.6%
Grayson	3,237	0.6%
Lincoln	3,182	0.5%
Grant	3,129	0.5%
Marion	3,052	0.5%
Allen	2,925	0.5%
Johnson	2,837	0.5%
Letcher	2,773	0.5%
Rowan	2,760	0.5%
Hart	2,713	0.5%
Meade	2,701	0.5%
Woodford	2,637	0.4%
Simpson	2,561	0.4%
Morgan	2,558	0.4%
Russell	2,487	0.4%
Wayne	2,473	0.4%

County	Cases	Percent
McCreary	2,472	0.4%
Adair	2,471	0.4%
Bourbon	2,340	0.4%
Harrison	2,323	0.4%
Anderson	2,320	0.4%
Spencer	2,277	0.4%
Rockcastle	2,207	0.4%
Mason	2,111	0.4%
Union	2,102	0.4%
Casey	2,093	0.4%
Breckinridge	2,078	0.4%
Webster	1,990	0.3%
Garrard	1,985	0.3%
Larue	1,981	0.3%
Henry	1,970	0.3%
Jackson	1,967	0.3%
Washington	1,947	0.3%
Lawrence	1,918	0.3%
Lewis	1,864	0.3%
Butler	1,829	0.3%
Caldwell	1,799	0.3%
Powell	1,788	0.3%
Lyon	1,743	0.3%
Fleming	1,707	0.3%
Monroe	1,703	0.3%
Green	1,674	0.3%
Knott	1,674	0.3%
Clinton	1,611	0.3%
Estill	1,610	0.3%
Magoffin	1,568	0.3%

County	Cases	Percent
Trigg	1,544	0.3%
Leslie	1,492	0.3%
Lee	1,485	0.3%
Breathitt	1,469	0.3%
Pendleton	1,428	0.2%
Carroll	1,423	0.2%
Metcalfe	1,413	0.2%
Todd	1,411	0.2%
Martin	1,361	0.2%
Bath	1,277	0.2%
McLean	1,173	0.2%
Elliott	1,158	0.2%
Edmonson	1,151	0.2%
Hancock	1,120	0.2%
Livingston	1,098	0.2%
Owen	1,063	0.2%
Trimble	963	0.2%
Gallatin	959	0.2%
Crittenden	866	0.1%
Wolfe	841	0.1%
Bracken	839	0.1%
Cumberland	827	0.1%
Nicholas	786	0.1%
Owsley	711	0.1%
Menifee	672	0.1%
Fulton	616	0.1%
Carlisle	558	0.1%
Ballard	539	0.1%
Hickman	463	0.1%
Robertson	270	0.0%

Total Cases
587,414

New Cases by County

County	Cases	Percent
Jefferson	742	13.6%
Fayette	258	4.7%
Warren	194	3.6%
Hardin	189	3.5%
Madison	171	3.1%
Laurel	135	2.5%
Bullitt	119	2.2%
Daviess	117	2.1%
Graves	101	1.9%
Perry	95	1.7%
Henderson	93	1.7%
Russell	82	1.5%
Bell	81	1.5%
Pulaski	80	1.5%
Hopkins	79	1.4%
Kenton	79	1.4%
Floyd	78	1.4%
Campbell	77	1.4%
Whitley	73	1.3%
Barren	69	1.3%
Oldham	68	1.2%
Pike	67	1.2%
Boone	66	1.2%
Knox	62	1.1%
Boyd	61	1.1%
Nelson	61	1.1%
Franklin	59	1.1%
Logan	59	1.1%
Carter	56	1.0%
McCracken	56	1.0%

County	Cases	Percent
Jessamine	55	1.0%
Greenup	53	1.0%
Breckinridge	52	1.0%
Calloway	48	0.9%
Christian	45	0.8%
Bourbon	44	0.8%
Martin	43	0.8%
Grayson	42	0.8%
Clay	41	0.8%
Allen	40	0.7%
Marshall	39	0.7%
Rockcastle	39	0.7%
Shelby	39	0.7%
Clark	37	0.7%
Johnson	37	0.7%
Muhlenberg	37	0.7%
Ohio	36	0.7%
Harlan	35	0.6%
Meade	35	0.6%
Henry	34	0.6%
Taylor	34	0.6%
Breathitt	33	0.6%
Lawrence	33	0.6%
Marion	32	0.6%
Scott	32	0.6%
Letcher	31	0.6%
Mercer	30	0.5%
Spencer	30	0.5%
Casey	27	0.5%
Larue	27	0.5%

County	Cases	Percent
Powell	27	0.5%
Harrison	26	0.5%
Leslie	25	0.5%
Mason	25	0.5%
Fleming	23	0.4%
Magoffin	23	0.4%
Hart	22	0.4%
Carroll	21	0.4%
Pendleton	21	0.4%
Adair	20	0.4%
Anderson	20	0.4%
Lincoln	20	0.4%
Metcalfe	20	0.4%
Simpson	20	0.4%
Wolfe	20	0.4%
Green	19	0.3%
Webster	19	0.3%
Caldwell	18	0.3%
Jackson	18	0.3%
McCreary	18	0.3%
Rowan	18	0.3%
Washington	17	0.3%
Montgomery	16	0.3%
Boyle	15	0.3%
Edmonson	15	0.3%
Garrard	15	0.3%
Hancock	15	0.3%
Knott	15	0.3%
Monroe	15	0.3%
Butler	14	0.3%

County	Cases	Percent
Grant	14	0.3%
Lewis	14	0.3%
Union	14	0.3%
Estill	13	0.2%
Gallatin	13	0.2%
Owen	11	0.2%
Cumberland	10	0.2%
McLean	10	0.2%
Trimble	10	0.2%
Owsley	9	0.2%
Ballard	8	0.1%
Elliott	8	0.1%
Hickman	8	0.1%
Morgan	8	0.1%
Fulton	6	0.1%
Nicholas	6	0.1%
Trigg	6	0.1%
Wayne	6	0.1%
Livingston	5	0.1%
Woodford	5	0.1%
Bath	4	0.1%
Bracken	4	0.1%
Crittenden	4	0.1%
Lyon	3	0.1%
Menifee	3	0.1%
Lee	2	0.0%
Robertson	2	0.0%
Todd	2	0.0%
Carlisle	1	0.0%
Clinton	1	0.0%

Total New Cases
5,457

Total Deaths by County

County	Deaths	Percent
Jefferson	1,420	18.2%
Fayette	334	4.3%
Kenton	219	2.8%
Daviess	217	2.8%
Warren	199	2.5%
Hardin	189	2.4%
Boone	162	2.1%
Hopkins	161	2.1%
McCracken	140	1.8%
Pulaski	133	1.7%
Pike	130	1.7%
Madison	118	1.5%
Christian	112	1.4%
Barren	109	1.4%
Graves	108	1.4%
Harlan	98	1.3%
Bullitt	96	1.2%
Henderson	87	1.1%
Laurel	87	1.1%
Oldham	86	1.1%
Shelby	86	1.1%
Floyd	85	1.1%
Boyd	84	1.1%
Campbell	84	1.1%
Boyle	80	1.0%
Jessamine	79	1.0%
Muhlenberg	78	1.0%
Logan	77	1.0%
Perry	70	0.9%
Marshall	69	0.9%

County	Deaths	Percent
Nelson	68	0.9%
Bell	66	0.8%
Franklin	65	0.8%
Greenup	65	0.8%
Whitley	65	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	48	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	0.4%
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%
Webster	28	0.4%
Crittenden	27	0.3%
Fleming	27	0.3%
Lee	27	0.3%
Livingston	27	0.3%
Knott	26	0.3%
Spencer	26	0.3%
Anderson	25	0.3%
Edmonson	25	0.3%
Grant	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%
Ballard	12	0.2%
Estill	12	0.2%
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
7,821

Incidence Rates by County

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

County	Rate
Owsley	265.3
Perry	256.8
Leslie	228.5
Bell	221.2
Clay	206.0
Wolfe	199.6
Whitley	193.0
Powell	188.4
Breathitt	186.6
Russell	177.7
Graves	169.1
Larue	162.7
Laurel	160.7
Breckinridge	160.5
Floyd	158.2
Rockcastle	154.0
Knox	150.9
Grayson	150.8
Carter	145.5
Monroe	138.2
Marion	136.4
Nicholas	135.6
Casey	135.3
Magoffin	135.1
Estill	130.6
Mercer	130.3
Allen	130.0
Harlan	129.6
Lawrence	127.8
Carroll	127.7

County	Rate
Greenup	125.8
Muhlenberg	125.0
Barren	124.9
Ohio	123.8
Logan	122.8
Hardin	121.5
Spencer	120.3
Pike	120.0
Taylor	119.7
Webster	117.0
Boyle	116.4
Fleming	115.6
Bourbon	112.6
Green	111.0
Henry	110.7
Jackson	110.4
Henderson	110.3
Trimble	107.9
Union	107.3
Martin	107.2
Boyd	107.0
Lewis	105.5
Nelson	105.4
Warren	104.1
Harrison	103.6
Owen	103.5
Knott	103.2
Metcalf	102.1
Hart	102.1
Bullitt	100.6

County	Rate
Johnson	99.8
Marshall	96.9
Washington	96.9
Madison	94.9
Robertson	94.9
Butler	93.2
Letcher	92.1
Lee	88.8
Lincoln	87.9
Hopkins	87.3
Gallatin	87.0
Menifee	85.9
Lyon	81.8
McLean	80.7
Jessamine	80.5
Clark	80.0
Daviess	79.9
Hancock	77.0
Garrard	75.2
Edmonson	74.1
Caldwell	74.0
Grant	73.5
Hickman	71.8
Cumberland	71.3
Fayette	70.6
McCracken	69.7
Pendleton	69.5
Oldham	69.5
Franklin	68.6
Mason	68.6

County	Rate
Simpson	68.5
Jefferson	67.9
Meade	64.5
Bath	62.9
Pulaski	62.7
Calloway	62.3
Montgomery	61.9
Shelby	60.9
Campbell	60.1
Fulton	59.8
McCreary	57.2
Crittenden	51.9
Scott	50.9
Adair	49.1
Rowan	47.9
Ballard	47.1
Kenton	45.9
Livingston	45.1
Boone	44.5
Elliott	43.7
Anderson	43.3
Bracken	41.3
Morgan	40.8
Clinton	39.1
Christian	38.1
Wayne	37.2
Todd	34.9
Trigg	22.4
Carlisle	21.0
Woodford	18.7

Current Overall Incidence Rate
89.45 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.