

KY COVID-19 Report

04SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	597,211	439,739	157,472
Deaths	7,874	7,046	828
New Cases	4,732	3,200	1,532
New Cases 18 and Under	1,510	974	536
Total New Deaths	29	24	5

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

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
34,226	5.7%	0-9	0.0%	1
74,982	12.6%	10-19	0.0%	1
106,038	17.8%	20-29	0.2%	14
92,978	15.6%	30-39	0.7%	56
87,992	14.7%	40-49	2.4%	192
81,934	13.7%	50-59	6.8%	535
61,309	10.3%	60-69	17.8%	1,399
35,991	6.0%	70-79	27.6%	2,177
21,530	3.6%	80+	44.4%	3,499
231	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,445	0.3%	American Indian	0.1%	8
4,739	0.9%	Asian	0.5%	40
40,290	8.1%	Black	7.9%	594
376	0.1%	Pacific Islander	0.1%	4
427,817	85.6%	White	89.1%	6,729
25,336	5.1%	Multiracial	2.3%	177

Cases	Case Percent	Ethnicity	Death Percent	Deaths
23,660	5.0%	Hispanic	1.6%	117
454,145	95.0%	Non-Hispanic	98.4%	7,184

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
20,849	157,150	13.27%

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
8,200,370	6,335,718	371,033	1,319,446	725,367	514,766	43,947	166,654

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	26,416	4.42%
Ever ICU	5,269	0.88%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,327
ICU	665
On Ventilator	423

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,378	3,898	70.6%
ICU Beds	1,354	181	88.2%
Ventilators	835	1,058	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	123	36	25	15.2%	40.9%	26.9%	66.09%	90.91%	37.63%
Region 2	145	53	39	18.5%	63.9%	45.3%	74.78%	100.00%	61.63%
Region 3	673	189	130	17.9%	44.8%	28.4%	72.72%	89.10%	53.83%
Region 4	169	49	29	19.1%	53.8%	21.5%	55.58%	100.00%	30.37%
Region 5	425	121	70	15.2%	34.1%	13.5%	76.73%	87.61%	42.97%
Region 6	118	28	16	9.8%	33.3%	14.0%	84.33%	100.00%	39.47%
Region 7	127	45	17	19.4%	48.9%	10.0%	65.04%	55.43%	12.94%
Region 8	275	66	49	21.9%	39.1%	33.3%	57.50%	78.11%	55.78%
Region 9	212	59	38	32.4%	57.8%	38.4%	69.62%	96.08%	53.54%
Region 10	60	19	10	12.6%	38.8%	13.7%	56.69%	97.96%	47.95%

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 2:

Christian, Daviess, Hancock, Henderson, Hopkins, McLean, Muhlenberg, Ohio, Todd, Union, Webster

Region 3:

Breckinridge, Bullitt, Grayson, Hardin, Henry, Jefferson, LaRue, Marion, Meade, Nelson, Oldham, Shelby, Spencer, Trimble, Washington

Region 4:

Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, Warren

Region 5:

Anderson, Bourbon, Boyle, Clark, Estill, Fayette, Franklin, Garrard, Harrison, Jessamine, Lincoln, Madison, Mercer, Nicholas, Powell, Scott, Woodford

Region 6:

Boone, Bracken, Campbell, Carroll, Gallatin, Grant, Kenton, Owen, Pendleton

Region 7:

Bath, Boyd, Carter, Elliott, Fleming, Greenup, Lewis, Mason, Menifee, Montgomery, Morgan, Robertson, Rowan

Region 8:

Breathitt, Floyd, Johnson, Knott, Lawrence, Lee, Leslie, Letcher, Magoffin, Martin, Owsley, Perry, Pike, Wolfe

Region 9:

Bell, Clay, Harlan, Jackson, Knox, Laurel, Rockcastle, Whitley

Region 10:

Adair, Casey, Clinton, Cumberland, Green, McCreary, Pulaski, Russell, Taylor, Wayne

Total Cases by County

County	Cases	Percent
Jefferson	99,972	16.7%
Fayette	44,070	7.4%
Warren	21,119	3.5%
Kenton	19,506	3.3%
Boone	16,804	2.8%
Daviess	14,214	2.4%
Hardin	14,178	2.4%
Madison	12,218	2.0%
Laurel	11,052	1.9%
Campbell	10,231	1.7%
Bullitt	9,714	1.6%
Oldham	8,992	1.5%
McCracken	8,690	1.5%
Pike	8,465	1.4%
Pulaski	8,429	1.4%
Christian	8,254	1.4%
Henderson	6,767	1.1%
Nelson	6,720	1.1%
Boyd	6,643	1.1%
Scott	6,541	1.1%
Hopkins	6,433	1.1%
Whitley	6,242	1.0%
Jessamine	6,190	1.0%
Barren	6,136	1.0%
Graves	6,090	1.0%
Shelby	5,952	1.0%
Franklin	5,557	0.9%
Floyd	5,428	0.9%
Knox	5,373	0.9%
Greenup	4,902	0.8%

County	Cases	Percent
Bell	4,683	0.8%
Calloway	4,489	0.8%
Muhlenberg	4,449	0.7%
Boyle	4,413	0.7%
Clay	4,369	0.7%
Perry	4,353	0.7%
Marshall	4,256	0.7%
Taylor	4,225	0.7%
Logan	4,129	0.7%
Clark	4,047	0.7%
Harlan	3,848	0.6%
Montgomery	3,761	0.6%
Carter	3,593	0.6%
Mercer	3,517	0.6%
Ohio	3,426	0.6%
Grayson	3,323	0.6%
Lincoln	3,231	0.5%
Grant	3,174	0.5%
Marion	3,161	0.5%
Allen	3,001	0.5%
Johnson	2,881	0.5%
Letcher	2,813	0.5%
Rowan	2,797	0.5%
Hart	2,773	0.5%
Meade	2,755	0.5%
Woodford	2,730	0.5%
Simpson	2,587	0.4%
Russell	2,575	0.4%
Morgan	2,564	0.4%
McCreary	2,523	0.4%

County	Cases	Percent
Adair	2,503	0.4%
Wayne	2,494	0.4%
Bourbon	2,422	0.4%
Anderson	2,374	0.4%
Harrison	2,372	0.4%
Spencer	2,306	0.4%
Rockcastle	2,257	0.4%
Breckinridge	2,162	0.4%
Casey	2,150	0.4%
Mason	2,138	0.4%
Union	2,133	0.4%
Webster	2,030	0.3%
Garrard	2,019	0.3%
Jackson	2,017	0.3%
Larue	2,012	0.3%
Henry	2,011	0.3%
Lawrence	1,985	0.3%
Washington	1,985	0.3%
Lewis	1,895	0.3%
Butler	1,853	0.3%
Powell	1,828	0.3%
Caldwell	1,815	0.3%
Lyon	1,751	0.3%
Monroe	1,743	0.3%
Fleming	1,730	0.3%
Knott	1,711	0.3%
Green	1,709	0.3%
Estill	1,639	0.3%
Clinton	1,626	0.3%
Magoffin	1,614	0.3%

County	Cases	Percent
Leslie	1,559	0.3%
Trigg	1,558	0.3%
Breathitt	1,518	0.3%
Lee	1,502	0.3%
Carroll	1,461	0.2%
Pendleton	1,458	0.2%
Metcalfe	1,445	0.2%
Todd	1,424	0.2%
Martin	1,390	0.2%
Bath	1,305	0.2%
McLean	1,188	0.2%
Edmonson	1,178	0.2%
Elliott	1,165	0.2%
Hancock	1,150	0.2%
Livingston	1,109	0.2%
Owen	1,096	0.2%
Trimble	995	0.2%
Gallatin	962	0.2%
Crittenden	876	0.1%
Wolfe	867	0.1%
Cumberland	848	0.1%
Bracken	844	0.1%
Nicholas	804	0.1%
Owsley	722	0.1%
Menifee	685	0.1%
Fulton	628	0.1%
Carlisle	563	0.1%
Ballard	543	0.1%
Hickman	468	0.1%
Robertson	279	0.0%

Total Cases
597,211

New Cases by County

County	Cases	Percent
Jefferson	549	11.6%
Fayette	256	5.4%
Hardin	189	4.0%
Warren	142	3.0%
Daviess	117	2.5%
Pike	116	2.5%
Kenton	109	2.3%
Whitley	102	2.2%
Madison	98	2.1%
Franklin	91	1.9%
Barren	80	1.7%
Woodford	79	1.7%
Laurel	78	1.6%
Boone	74	1.6%
Bullitt	72	1.5%
Knox	67	1.4%
Bell	62	1.3%
Nelson	62	1.3%
Boyd	60	1.3%
Grayson	60	1.3%
Pulaski	59	1.2%
Floyd	56	1.2%
Hopkins	55	1.2%
Perry	55	1.2%
Campbell	53	1.1%
Christian	53	1.1%
Clay	52	1.1%
Jessamine	48	1.0%
Marion	48	1.0%
Montgomery	48	1.0%

County	Cases	Percent
Harlan	46	1.0%
Russell	46	1.0%
Bourbon	45	1.0%
Taylor	44	0.9%
Leslie	43	0.9%
Carter	42	0.9%
Allen	41	0.9%
Henderson	41	0.9%
Marshall	40	0.8%
Muhlenberg	40	0.8%
Shelby	38	0.8%
Clark	37	0.8%
Scott	37	0.8%
Breckinridge	34	0.7%
Greenup	34	0.7%
Lawrence	33	0.7%
Logan	33	0.7%
McCracken	33	0.7%
Calloway	32	0.7%
Graves	31	0.7%
Lincoln	31	0.7%
Oldham	31	0.7%
McCreary	29	0.6%
Jackson	27	0.6%
Mercer	27	0.6%
Casey	26	0.5%
Anderson	25	0.5%
Breathitt	25	0.5%
Ohio	25	0.5%
Henry	24	0.5%

County	Cases	Percent
Letcher	24	0.5%
Hart	23	0.5%
Rockcastle	23	0.5%
Union	23	0.5%
Meade	22	0.5%
Metcalfe	22	0.5%
Grant	21	0.4%
Magoffin	20	0.4%
Wolfe	20	0.4%
Carroll	19	0.4%
Harrison	19	0.4%
Pendleton	19	0.4%
Cumberland	18	0.4%
Larue	18	0.4%
Powell	18	0.4%
Webster	18	0.4%
Boyle	17	0.4%
Hancock	17	0.4%
Knott	17	0.4%
Spencer	17	0.4%
Washington	17	0.4%
Garrard	16	0.3%
Monroe	16	0.3%
Lewis	15	0.3%
Green	14	0.3%
Lee	14	0.3%
Rowan	14	0.3%
Adair	13	0.3%
Bath	13	0.3%
Simpson	12	0.3%

County	Cases	Percent
Edmonson	11	0.2%
Johnson	11	0.2%
Owen	11	0.2%
Trimble	11	0.2%
Butler	10	0.2%
Clinton	10	0.2%
Caldwell	8	0.2%
Estill	7	0.1%
Lyon	7	0.1%
Martin	7	0.1%
Robertson	7	0.1%
Wayne	7	0.1%
Fleming	6	0.1%
Livingston	6	0.1%
Mason	6	0.1%
McLean	5	0.1%
Trigg	4	0.1%
Carlisle	3	0.1%
Crittenden	3	0.1%
Gallatin	3	0.1%
Menifee	3	0.1%
Morgan	3	0.1%
Nicholas	3	0.1%
Todd	3	0.1%
Elliott	2	0.0%
Fulton	2	0.0%
Hickman	2	0.0%
Ballard	1	0.0%
Owsley	1	0.0%
Bracken	0	0.0%

Total New Cases
4,732

Total Deaths by County

County	Deaths	Percent
Jefferson	1,424	18.1%
Fayette	335	4.3%
Kenton	219	2.8%
Daviess	218	2.8%
Warren	201	2.6%
Hardin	194	2.5%
Boone	162	2.1%
Hopkins	162	2.1%
McCracken	142	1.8%
Pulaski	136	1.7%
Pike	131	1.7%
Madison	119	1.5%
Christian	112	1.4%
Barren	109	1.4%
Graves	109	1.4%
Harlan	98	1.2%
Bullitt	96	1.2%
Henderson	87	1.1%
Laurel	87	1.1%
Shelby	87	1.1%
Oldham	86	1.1%
Boyd	85	1.1%
Floyd	85	1.1%
Campbell	84	1.1%
Boyle	80	1.0%
Jessamine	79	1.0%
Muhlenberg	79	1.0%
Logan	77	1.0%
Perry	71	0.9%
Marshall	70	0.9%

County	Deaths	Percent
Nelson	70	0.9%
Lincoln	69	0.9%
Bell	67	0.9%
Franklin	65	0.8%
Greenup	65	0.8%
Whitley	65	0.8%
Grayson	61	0.8%
Taylor	60	0.8%
Ohio	59	0.7%
Adair	58	0.7%
Mercer	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%
Russell	49	0.6%
Allen	48	0.6%
Clay	48	0.6%
Lewis	48	0.6%
Simpson	46	0.6%
Carter	45	0.6%
Mason	44	0.6%
Washington	42	0.5%
Casey	41	0.5%
Jackson	40	0.5%
Marion	40	0.5%
Johnson	39	0.5%
Garrard	37	0.5%

County	Deaths	Percent
Scott	37	0.5%
Gallatin	35	0.4%
McCreary	35	0.4%
Montgomery	35	0.4%
Caldwell	34	0.4%
Clark	32	0.4%
Clinton	32	0.4%
Metcalfe	32	0.4%
Lawrence	31	0.4%
McLean	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%
Anderson	27	0.3%
Crittenden	27	0.3%
Lee	27	0.3%
Livingston	27	0.3%
Fleming	26	0.3%
Knott	26	0.3%
Spencer	26	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%
Union	21	0.3%
Breckinridge	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	15	0.2%
Owen	14	0.2%
Breathitt	13	0.2%
Cumberland	13	0.2%
Ballard	12	0.2%
Estill	12	0.2%
Carlisle	10	0.1%
Leslie	10	0.1%
Nicholas	10	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
7,874

Incidence Rates by County

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

County	Rate
Leslie	267.6
Perry	229.6
Bell	216.8
Owsley	207.1
Whitley	204.1
Wolfe	191.6
Clay	190.9
Breathitt	188.9
Russell	188.1
Marion	168.3
Powell	166.4
Rockcastle	160.0
Larue	159.7
Graves	156.8
Carter	156.2
Breckinridge	153.5
Knox	151.8
Grayson	149.7
Floyd	147.7
Laurel	147.3
Mercer	146.6
Lawrence	146.4
Allen	140.7
Nicholas	139.5
Barren	137.5
Hardin	136.6
Pike	136.5
Bourbon	136.4
Monroe	134.1
Metcalfe	131.9

County	Rate
Magoffin	130.4
Carroll	129.0
Muhlenberg	128.3
Greenup	127.0
Harlan	126.9
Logan	126.5
Estill	125.6
Henry	124.9
Trimble	119.7
Webster	118.1
Jackson	117.9
Casey	117.6
Martin	117.4
Ohio	113.1
Washington	112.2
Henderson	112.2
Harrison	111.9
Owen	110.1
Fleming	109.7
Robertson	108.4
Warren	107.7
Hart	107.3
Nelson	106.9
Spencer	105.6
Boyle	105.5
Lewis	105.5
Boyd	105.2
Cumberland	103.7
Hancock	103.2
Madison	102.5

County	Rate
Bullitt	101.4
Knott	98.4
Lincoln	97.2
Marshall	96.5
Johnson	94.0
Union	92.4
Green	91.4
Lee	88.8
Taylor	88.1
Daviess	87.4
Butler	86.5
Menifee	85.9
Letcher	83.5
Edmonson	83.5
Franklin	83.2
Garrard	80.1
Pendleton	79.3
Hopkins	79.3
McLean	79.1
Jessamine	77.9
Fulton	76.6
Clark	76.4
Mason	73.6
Montgomery	73.6
Hickman	71.8
Meade	71.5
Calloway	71.1
Fayette	71.0
Bath	69.7
Jefferson	69.5

County	Rate
Simpson	68.5
Grant	68.4
Caldwell	68.4
Gallatin	67.7
Pulaski	66.0
Oldham	65.0
McCracken	64.4
Shelby	63.5
Campbell	59.8
Scott	57.9
McCreary	56.4
Woodford	56.1
Adair	55.8
Boone	51.1
Anderson	50.9
Kenton	49.4
Crittenden	48.7
Rowan	46.7
Elliott	43.7
Ballard	43.5
Christian	43.2
Clinton	40.5
Morgan	38.6
Todd	38.3
Bracken	36.1
Livingston	34.2
Lyon	33.1
Carlisle	30.0
Trigg	28.3
Wayne	27.4

Current Overall Incidence Rate
91.55 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.