

KY COVID-19 Report 17SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	649,691	475,572	174,119
Deaths	8,251	7,377	874
New Cases	5,133	3,368	1,765
New Cases 18 and Under	1,469	912	557
Total New Deaths	45	43	2

Duplicates and records not meeting case criteria removed since last report: 5

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
39,783	6.1%	0-9	0.0%	1
85,070	13.1%	10-19	0.0%	3
113,806	17.5%	20-29	0.2%	16
101,167	15.6%	30-39	0.8%	65
95,065	14.6%	40-49	2.7%	221
88,031	13.5%	50-59	7.3%	603
65,628	10.1%	60-69	18.1%	1,495
38,358	5.9%	70-79	27.4%	2,262
22,548	3.5%	80+	43.4%	3,585
235	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,614	0.3%	American Indian	0.1%	8
4,966	0.9%	Asian	0.5%	42
42,972	7.9%	Black	7.7%	611
377	0.1%	Pacific Islander	0.1%	4
464,631	85.6%	White	89.2%	7,044
28,004	5.2%	Multiracial	2.4%	192

Cases	Case Percent	Ethnicity	Death Percent	Deaths
24,913	4.8%	Hispanic	1.6%	120
493,260	95.2%	Non-Hispanic	98.4%	7,529

Percentages are expressed as percentage of cases or deaths with race or ethnicity known
Race known for 83.5% of cases and 95.8% of deaths
Ethnicity known for 79.8% of cases and 92.7% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
19,389	150,494	12.88%

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
8,643,332	6,632,451	379,110	1,443,927	786,671	557,170	46,362	183,139

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	27,739	4.27%
Ever ICU	5,486	0.84%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,426
ICU	647
On Ventilator	463

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,667	3,948	71.0%
ICU Beds	1,430	224	86.5%
Ventilators	839	1,089	43.5%

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	124	40	27	15.4%	45.5%	30.7%	61.49%	92.05%	34.09%
Region 2	156	51	34	20.0%	65.4%	39.5%	74.49%	94.87%	58.14%
Region 3	668	173	119	17.7%	42.1%	26.5%	73.46%	95.38%	51.67%
Region 4	163	19	22	19.4%	19.6%	16.2%	63.26%	97.94%	30.15%
Region 5	483	134	95	16.5%	37.2%	17.3%	77.35%	94.72%	46.99%
Region 6	136	25	16	11.3%	29.8%	14.0%	86.00%	98.81%	16.67%
Region 7	125	38	30	18.9%	39.2%	17.6%	68.64%	69.07%	20.00%
Region 8	286	79	59	23.3%	55.2%	38.8%	60.47%	95.80%	55.26%
Region 9	223	61	45	33.4%	52.6%	42.1%	70.66%	95.69%	54.21%
Region 10	62	27	16	8.5%	15.0%	20.8%	43.74%	27.22%	42.86%

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	106,044	16.3%
Fayette	46,929	7.2%
Warren	23,118	3.6%
Kenton	20,770	3.2%
Boone	17,817	2.7%
Hardin	15,761	2.4%
Daviess	15,167	2.3%
Madison	13,705	2.1%
Laurel	12,060	1.9%
Campbell	11,044	1.7%
Bullitt	10,673	1.6%
Oldham	9,407	1.4%
Pike	9,347	1.4%
McCracken	9,209	1.4%
Pulaski	9,073	1.4%
Christian	9,042	1.4%
Nelson	7,321	1.1%
Boyd	7,299	1.1%
Henderson	7,290	1.1%
Whitley	7,123	1.1%
Scott	7,003	1.1%
Jessamine	6,991	1.1%
Hopkins	6,980	1.1%
Barren	6,961	1.1%
Graves	6,679	1.0%
Shelby	6,293	1.0%
Knox	6,235	1.0%
Floyd	6,149	0.9%
Franklin	6,138	0.9%
Greenup	5,488	0.8%

County	Cases	Percent
Bell	5,187	0.8%
Perry	5,122	0.8%
Muhlenberg	4,853	0.7%
Boyle	4,836	0.7%
Clay	4,767	0.7%
Calloway	4,754	0.7%
Marshall	4,604	0.7%
Taylor	4,578	0.7%
Logan	4,539	0.7%
Clark	4,469	0.7%
Harlan	4,410	0.7%
Montgomery	4,025	0.6%
Carter	4,004	0.6%
Grayson	3,855	0.6%
Mercer	3,855	0.6%
Ohio	3,772	0.6%
Lincoln	3,562	0.5%
Marion	3,492	0.5%
Grant	3,468	0.5%
Allen	3,348	0.5%
Johnson	3,309	0.5%
Letcher	3,166	0.5%
Hart	3,093	0.5%
Meade	2,999	0.5%
Woodford	2,993	0.5%
Rowan	2,961	0.5%
Russell	2,932	0.5%
Simpson	2,823	0.4%
McCreary	2,785	0.4%
Harrison	2,721	0.4%

County	Cases	Percent
Bourbon	2,719	0.4%
Rockcastle	2,707	0.4%
Morgan	2,694	0.4%
Adair	2,687	0.4%
Wayne	2,661	0.4%
Anderson	2,651	0.4%
Spencer	2,505	0.4%
Breckinridge	2,345	0.4%
Garrard	2,331	0.4%
Casey	2,327	0.4%
Union	2,276	0.4%
Mason	2,275	0.4%
Jackson	2,247	0.3%
Webster	2,203	0.3%
Henry	2,200	0.3%
Larue	2,198	0.3%
Lawrence	2,174	0.3%
Powell	2,137	0.3%
Washington	2,131	0.3%
Butler	2,085	0.3%
Lewis	2,084	0.3%
Knott	2,015	0.3%
Monroe	1,979	0.3%
Caldwell	1,932	0.3%
Green	1,865	0.3%
Fleming	1,832	0.3%
Estill	1,831	0.3%
Magoffin	1,818	0.3%
Leslie	1,800	0.3%
Lyon	1,795	0.3%

County	Cases	Percent
Breathitt	1,743	0.3%
Clinton	1,740	0.3%
Trigg	1,684	0.3%
Metcalfe	1,641	0.3%
Lee	1,630	0.3%
Pendleton	1,630	0.3%
Martin	1,619	0.2%
Carroll	1,617	0.2%
Todd	1,520	0.2%
Bath	1,383	0.2%
Edmonson	1,352	0.2%
McLean	1,279	0.2%
Hancock	1,262	0.2%
Elliott	1,236	0.2%
Owen	1,194	0.2%
Livingston	1,167	0.2%
Gallatin	1,072	0.2%
Trimble	1,055	0.2%
Wolfe	1,011	0.2%
Cumberland	951	0.1%
Crittenden	948	0.1%
Bracken	931	0.1%
Nicholas	894	0.1%
Owsley	808	0.1%
Menifee	762	0.1%
Fulton	668	0.1%
Ballard	592	0.1%
Carlisle	587	0.1%
Hickman	507	0.1%
Robertson	297	0.0%

Total Cases
649,691

New Cases by County

County	Cases	Percent
Jefferson	543	10.6%
Fayette	255	5.0%
Warren	209	4.1%
Madison	147	2.9%
Hardin	120	2.3%
Kenton	117	2.3%
Bullitt	115	2.2%
Whitley	109	2.1%
Barren	107	2.1%
Boone	106	2.1%
Floyd	99	1.9%
Campbell	95	1.9%
Knox	94	1.8%
Christian	80	1.6%
Scott	80	1.6%
Jessamine	76	1.5%
Daviess	75	1.5%
Perry	72	1.4%
Graves	67	1.3%
Nelson	67	1.3%
Pike	67	1.3%
Greenup	64	1.2%
Boyd	63	1.2%
Laurel	61	1.2%
Pulaski	59	1.1%
Franklin	57	1.1%
McCreary	56	1.1%
Rockcastle	54	1.1%
Knott	53	1.0%
Harlan	51	1.0%

County	Cases	Percent
Harrison	49	1.0%
Logan	47	0.9%
Grayson	46	0.9%
Hopkins	46	0.9%
McCracken	44	0.9%
Bell	43	0.8%
Muhlenberg	42	0.8%
Russell	42	0.8%
Clark	40	0.8%
Johnson	40	0.8%
Ohio	39	0.8%
Allen	36	0.7%
Boyle	36	0.7%
Hart	36	0.7%
Marshall	35	0.7%
Montgomery	35	0.7%
Simpson	33	0.6%
Anderson	32	0.6%
Carter	32	0.6%
Garrard	32	0.6%
Letcher	31	0.6%
Powell	31	0.6%
Leslie	30	0.6%
Lincoln	30	0.6%
Marion	30	0.6%
Taylor	30	0.6%
Woodford	30	0.6%
Jackson	29	0.6%
Shelby	28	0.5%
Grant	27	0.5%

County	Cases	Percent
Menifee	27	0.5%
Oldham	27	0.5%
Butler	25	0.5%
Caldwell	25	0.5%
Pendleton	25	0.5%
Trigg	25	0.5%
Henderson	24	0.5%
Magoffin	24	0.5%
Mason	24	0.5%
Rowan	23	0.4%
Casey	22	0.4%
Meade	22	0.4%
Mercer	22	0.4%
Spencer	22	0.4%
Breathitt	21	0.4%
Bourbon	20	0.4%
Clay	19	0.4%
Lawrence	19	0.4%
Edmonson	18	0.4%
Webster	18	0.4%
Adair	17	0.3%
Lee	17	0.3%
Metcalfe	16	0.3%
Wayne	16	0.3%
Carroll	15	0.3%
Fleming	15	0.3%
Henry	15	0.3%
Martin	15	0.3%
Green	14	0.3%
Lewis	14	0.3%

County	Cases	Percent
Monroe	14	0.3%
Union	14	0.3%
Calloway	13	0.3%
Larue	13	0.3%
McLean	12	0.2%
Morgan	12	0.2%
Washington	12	0.2%
Breckinridge	11	0.2%
Clinton	11	0.2%
Cumberland	11	0.2%
Todd	11	0.2%
Elliott	10	0.2%
Wolfe	10	0.2%
Estill	8	0.2%
Owsley	8	0.2%
Bath	7	0.1%
Hancock	7	0.1%
Nicholas	7	0.1%
Owen	7	0.1%
Ballard	5	0.1%
Carlisle	4	0.1%
Crittenden	4	0.1%
Gallatin	3	0.1%
Hickman	3	0.1%
Lyon	3	0.1%
Trimble	3	0.1%
Fulton	2	0.0%
Bracken	1	0.0%
Livingston	1	0.0%
Robertson	1	0.0%

Total New Cases
5,133

Total Deaths by County

County	Deaths	Percent
Jefferson	1,453	17.6%
Fayette	350	4.2%
Daviess	230	2.8%
Kenton	229	2.8%
Warren	217	2.6%
Hardin	206	2.5%
Hopkins	177	2.1%
Boone	169	2.0%
McCracken	154	1.9%
Pulaski	145	1.8%
Pike	139	1.7%
Madison	125	1.5%
Barren	116	1.4%
Christian	116	1.4%
Graves	114	1.4%
Bullitt	102	1.2%
Harlan	101	1.2%
Shelby	93	1.1%
Henderson	89	1.1%
Oldham	88	1.1%
Boyd	87	1.1%
Floyd	87	1.1%
Laurel	87	1.1%
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	72	0.9%
Lincoln	72	0.9%
Nelson	71	0.9%
Grayson	69	0.8%
Greenup	68	0.8%
Whitley	67	0.8%
Franklin	66	0.8%
Ohio	65	0.8%
Taylor	64	0.8%
Adair	62	0.8%
Allen	59	0.7%
Mercer	59	0.7%
Hart	58	0.7%
Calloway	56	0.7%
Letcher	54	0.7%
Wayne	53	0.6%
Clay	52	0.6%
Russell	51	0.6%
Knox	49	0.6%
Monroe	49	0.6%
Lewis	48	0.6%
Carter	47	0.6%
Mason	47	0.6%
Simpson	47	0.6%
Casey	46	0.6%
Jackson	43	0.5%
Washington	42	0.5%
Caldwell	41	0.5%
Johnson	40	0.5%
Marion	40	0.5%

County	Deaths	Percent
Garrard	39	0.5%
Scott	38	0.5%
McCreary	37	0.4%
Montgomery	37	0.4%
Metcalfe	36	0.4%
Gallatin	35	0.4%
Lawrence	34	0.4%
Livingston	33	0.4%
Clark	32	0.4%
Clinton	32	0.4%
McLean	32	0.4%
Anderson	31	0.4%
Webster	31	0.4%
Crittenden	30	0.4%
Larue	30	0.4%
Meade	30	0.4%
Butler	29	0.4%
Harrison	29	0.4%
Knott	29	0.4%
Lee	29	0.4%
Todd	29	0.4%
Spencer	27	0.3%
Edmonson	26	0.3%
Fleming	26	0.3%
Grant	26	0.3%
Martin	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%
Henry	23	0.3%
Bourbon	22	0.3%
Union	22	0.3%
Carroll	21	0.3%
Breckinridge	20	0.2%
Green	19	0.2%
Menifee	19	0.2%
Trigg	19	0.2%
Magoffin	18	0.2%
Hickman	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%
Powell	15	0.2%
Robertson	15	0.2%
Cumberland	13	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
8,251

Incidence Rates by County

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

County	Rate
Rockcastle	226.8
Powell	218.5
Whitley	201.7
Knox	194.5
Perry	175.8
Floyd	170.6
Monroe	166.3
Harlan	163.1
Leslie	154.8
Wolfe	153.7
Barren	144.3
Martin	142.9
Harrison	142.2
Jackson	141.5
Metcalfe	140.4
Madison	138.6
Bell	137.2
Greenup	135.5
Knott	135.1
Marion	133.4
Owsley	132.7
Magoffin	130.4
Russell	129.9
Grayson	128.7
Garrard	128.6
Logan	124.4
Edmonson	122.3
Breathitt	122.2
Jessamine	121.7
Johnson	120.4

County	Rate
Warren	120.2
Hart	120.1
Ohio	117.9
Lee	117.7
Allen	115.9
Bourbon	115.5
Laurel	115.1
Boyd	112.2
Letcher	112.0
McCreary	111.1
Carroll	110.2
Clay	109.1
Muhlenberg	107.3
Graves	107.0
Hardin	106.3
Estill	106.3
Simpson	105.4
Pike	104.2
Webster	103.8
Pendleton	101.8
Carter	101.8
Hancock	99.9
Mercer	99.7
Larue	99.2
Nelson	97.0
Boyle	93.1
Lawrence	87.7
Bullitt	86.8
Henry	85.0
Franklin	84.6

County	Rate
Lincoln	83.8
Butler	83.2
Lewis	82.9
Nicholas	82.5
Green	82.3
Taylor	81.5
Robertson	81.3
McLean	80.7
Henderson	79.3
Gallatin	77.3
Christian	76.0
Washington	72.0
Scott	71.9
Clark	71.7
Cumberland	71.3
Daviess	70.5
Hopkins	70.3
Meade	70.0
Fayette	69.8
Casey	69.8
Bracken	68.8
Owen	68.1
Marshall	68.0
Mason	67.0
Grant	66.7
Union	64.6
Morgan	64.4
Spencer	64.2
Pulaski	61.8
Fleming	60.7

County	Rate
Jefferson	59.7
Trimble	59.0
Hickman	58.7
Montgomery	57.3
Caldwell	57.2
Wayne	56.2
Kenton	54.7
Adair	54.3
Elliott	53.2
Shelby	52.5
Calloway	52.0
Campbell	51.6
Breckinridge	50.9
Fulton	50.3
McCracken	49.1
Woodford	48.6
Boone	47.5
Oldham	45.6
Trigg	43.9
Todd	43.0
Bath	41.1
Crittenden	40.6
Rowan	39.7
Ballard	38.0
Carlisle	36.0
Livingston	34.2
Anderson	32.0
Menifee	30.8
Lyon	24.4
Clinton	11.2

Current Overall Incidence Rate
84.65 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.