

KY COVID-19 Report 20SEP21

Daily Summary

Measure	Total	Confirmed	Probable
Cases	658,231	481,577	176,654
Deaths	8,339	7,450	889
New Cases	2,075	1,450	625
New Cases 18 and Under	526	333	193
Total New Deaths	17	16	1

Duplicates and records not meeting case criteria removed since last report: 17

Age Distribution

Cases	Case Percent	Age Group	Death Percent	Deaths
40,682	6.2%	0-9	0.0%	1
86,529	13.1%	10-19	0.0%	3
115,178	17.5%	20-29	0.2%	19
102,495	15.6%	30-39	0.8%	70
96,219	14.6%	40-49	2.8%	230
89,022	13.5%	50-59	7.4%	618
66,376	10.1%	60-69	18.2%	1,516
38,754	5.9%	70-79	27.4%	2,281
22,740	3.5%	80+	43.2%	3,601
236	0.0%	Unknown	0.0%	0

Race and Ethnicity Distribution

Cases	Case Percent	Race	Death Percent	Deaths
1,640	0.3%	American Indian	0.1%	8
5,025	0.9%	Asian	0.5%	42
43,433	7.9%	Black	7.7%	613
377	0.1%	Pacific Islander	0.1%	4
471,511	85.7%	White	89.2%	7,115
28,511	5.2%	Multiracial	2.5%	198

Cases	Case Percent	Ethnicity	Death Percent	Deaths
25,084	4.8%	Hispanic	1.6%	122
499,281	95.2%	Non-Hispanic	98.4%	7,603

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 92.6% of deaths

Current Positivity Rate

Positive PCRs	Total PCRs	Positivity Rate
17,752	145,752	12.18%

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
8,730,393	6,690,091	381,901	1,467,116	797,289	564,456	47,248	185,585

Case Outcomes

Outcomes	Cases	Percent
Ever Hospitalized	27,906	4.24%
Ever ICU	5,512	0.84%

Current COVID-19 Hospital Census

Patient Type	Total
Hospitalized	2,254
ICU	654
On Ventilator	452

Current Overall Capacity

Resource	# Occupied	# Available	% Occupancy
Inpatient Beds	9,104	4,177	68.5%
ICU Beds	1,359	200	87.2%
Ventilators	851	1,050	44.8%

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	98	41	22	12.1%	48.8%	23.2%	53.52%	85.71%	33.68%
Region 2	150	45	33	18.6%	42.9%	38.4%	71.00%	66.67%	52.33%
Region 3	616	171	104	16.4%	43.0%	23.1%	69.01%	91.46%	46.00%
Region 4	161	43	28	18.9%	46.7%	20.4%	57.34%	98.91%	35.04%
Region 5	420	130	110	15.1%	37.4%	19.9%	75.32%	92.24%	49.73%
Region 6	138	25	10	11.5%	32.5%	8.8%	90.59%	100.00%	28.95%
Region 7	143	39	29	21.9%	43.8%	21.5%	71.01%	73.03%	22.22%
Region 8	264	68	53	22.0%	49.3%	35.3%	51.38%	93.48%	58.67%
Region 9	199	65	45	28.1%	46.8%	41.3%	66.90%	84.17%	55.05%
Region 10	65	27	18	12.5%	30.3%	25.0%	54.63%	59.55%	45.83%

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	107,012	16.3%
Fayette	47,391	7.2%
Warren	23,477	3.6%
Kenton	21,035	3.2%
Boone	18,014	2.7%
Hardin	15,971	2.4%
Daviess	15,303	2.3%
Madison	13,880	2.1%
Laurel	12,233	1.9%
Campbell	11,167	1.7%
Bullitt	10,830	1.6%
Pike	9,471	1.4%
Oldham	9,445	1.4%
McCracken	9,273	1.4%
Pulaski	9,193	1.4%
Christian	9,111	1.4%
Boyd	7,413	1.1%
Nelson	7,402	1.1%
Henderson	7,346	1.1%
Whitley	7,269	1.1%
Jessamine	7,185	1.1%
Barren	7,144	1.1%
Hopkins	7,084	1.1%
Scott	7,078	1.1%
Graves	6,758	1.0%
Shelby	6,381	1.0%
Knox	6,313	1.0%
Floyd	6,233	0.9%
Franklin	6,207	0.9%
Greenup	5,601	0.9%

County	Cases	Percent
Bell	5,250	0.8%
Perry	5,237	0.8%
Muhlenberg	4,911	0.7%
Boyle	4,902	0.7%
Clay	4,825	0.7%
Calloway	4,804	0.7%
Taylor	4,678	0.7%
Marshall	4,632	0.7%
Logan	4,629	0.7%
Clark	4,564	0.7%
Harlan	4,548	0.7%
Montgomery	4,066	0.6%
Carter	4,059	0.6%
Grayson	3,950	0.6%
Mercer	3,894	0.6%
Ohio	3,820	0.6%
Lincoln	3,622	0.6%
Marion	3,528	0.5%
Grant	3,488	0.5%
Allen	3,393	0.5%
Johnson	3,346	0.5%
Letcher	3,234	0.5%
Hart	3,173	0.5%
Woodford	3,045	0.5%
Meade	3,035	0.5%
Rowan	3,020	0.5%
Russell	3,007	0.5%
Simpson	2,876	0.4%
McCreary	2,863	0.4%
Bourbon	2,773	0.4%

County	Cases	Percent
Harrison	2,766	0.4%
Rockcastle	2,764	0.4%
Adair	2,729	0.4%
Morgan	2,713	0.4%
Anderson	2,687	0.4%
Wayne	2,679	0.4%
Spencer	2,547	0.4%
Breckinridge	2,414	0.4%
Casey	2,376	0.4%
Garrard	2,365	0.4%
Union	2,307	0.4%
Mason	2,304	0.4%
Jackson	2,291	0.3%
Henry	2,236	0.3%
Webster	2,223	0.3%
Larue	2,218	0.3%
Lawrence	2,193	0.3%
Powell	2,175	0.3%
Washington	2,140	0.3%
Butler	2,114	0.3%
Lewis	2,111	0.3%
Knott	2,051	0.3%
Monroe	2,025	0.3%
Caldwell	1,960	0.3%
Estill	1,906	0.3%
Green	1,901	0.3%
Leslie	1,865	0.3%
Fleming	1,859	0.3%
Magoffin	1,859	0.3%
Lyon	1,805	0.3%

County	Cases	Percent
Clinton	1,771	0.3%
Breathitt	1,770	0.3%
Trigg	1,713	0.3%
Metcalfe	1,684	0.3%
Pendleton	1,644	0.2%
Carroll	1,642	0.2%
Lee	1,638	0.2%
Martin	1,630	0.2%
Todd	1,536	0.2%
Bath	1,395	0.2%
Edmonson	1,393	0.2%
McLean	1,293	0.2%
Hancock	1,272	0.2%
Elliott	1,241	0.2%
Owen	1,202	0.2%
Livingston	1,179	0.2%
Gallatin	1,090	0.2%
Trimble	1,068	0.2%
Wolfe	1,039	0.2%
Crittenden	969	0.1%
Cumberland	960	0.1%
Bracken	946	0.1%
Nicholas	912	0.1%
Owsley	827	0.1%
Menifee	766	0.1%
Fulton	672	0.1%
Ballard	598	0.1%
Carlisle	586	0.1%
Hickman	510	0.1%
Robertson	301	0.0%

Total Cases
658,231

New Cases by County

County	Cases	Percent
Jefferson	234	11.3%
Warren	85	4.1%
Kenton	76	3.7%
Laurel	70	3.4%
Jessamine	62	3.0%
Boone	55	2.7%
Fayette	46	2.2%
Barren	45	2.2%
Perry	43	2.1%
Hardin	39	1.9%
Madison	39	1.9%
Greenup	38	1.8%
Boyle	37	1.8%
Estill	37	1.8%
Grayson	36	1.7%
Taylor	35	1.7%
Calloway	34	1.6%
Clark	31	1.5%
Whitley	30	1.4%
Bullitt	28	1.3%
Daviess	27	1.3%
McCreary	27	1.3%
Logan	26	1.3%
Pulaski	25	1.2%
Campbell	24	1.2%
Graves	24	1.2%
Muhlenberg	23	1.1%
Hopkins	21	1.0%
Leslie	21	1.0%
Pike	21	1.0%

County	Cases	Percent
Casey	20	1.0%
Franklin	20	1.0%
Letcher	20	1.0%
Clay	19	0.9%
Hart	19	0.9%
Rockcastle	19	0.9%
Scott	19	0.9%
Boyd	17	0.8%
Henderson	17	0.8%
Knox	17	0.8%
Lincoln	17	0.8%
Christian	16	0.8%
Crittenden	16	0.8%
Harlan	16	0.8%
Carter	15	0.7%
Garrard	15	0.7%
Shelby	15	0.7%
McCracken	14	0.7%
Simpson	14	0.7%
Bell	13	0.6%
Spencer	13	0.6%
Trigg	13	0.6%
Anderson	12	0.6%
Clinton	12	0.6%
Harrison	12	0.6%
Marion	12	0.6%
Nelson	12	0.6%
Jackson	11	0.5%
Knott	11	0.5%
Monroe	11	0.5%

County	Cases	Percent
Allen	10	0.5%
Magoffin	10	0.5%
Nicholas	10	0.5%
Ohio	10	0.5%
Woodford	10	0.5%
Henry	9	0.4%
Wolfe	9	0.4%
Breathitt	8	0.4%
Caldwell	8	0.4%
Green	8	0.4%
Oldham	8	0.4%
Powell	8	0.4%
Rowan	8	0.4%
Adair	7	0.3%
Bracken	7	0.3%
Butler	7	0.3%
Livingston	7	0.3%
Metcalfe	7	0.3%
Montgomery	7	0.3%
Bourbon	6	0.3%
Edmonson	6	0.3%
Floyd	6	0.3%
Martin	6	0.3%
Mercer	6	0.3%
Owsley	6	0.3%
Carroll	5	0.2%
Johnson	5	0.2%
Meade	5	0.2%
Morgan	5	0.2%
Webster	5	0.2%

County	Cases	Percent
Grant	4	0.2%
Larue	4	0.2%
Lyon	4	0.2%
Marshall	4	0.2%
Russell	4	0.2%
Union	4	0.2%
Wayne	4	0.2%
Lee	3	0.1%
Trimble	3	0.1%
Bath	2	0.1%
Fleming	2	0.1%
Fulton	2	0.1%
Lawrence	2	0.1%
Lewis	2	0.1%
McLean	2	0.1%
Mason	2	0.1%
Pendleton	2	0.1%
Todd	2	0.1%
Ballard	1	0.0%
Breckinridge	1	0.0%
Gallatin	1	0.0%
Hancock	1	0.0%
Hickman	1	0.0%
Menifee	1	0.0%
Owen	1	0.0%
Robertson	1	0.0%
Carlisle	0	0.0%
Cumberland	0	0.0%
Elliott	0	0.0%
Washington	0	0.0%

Total New Cases
2,075

Total Deaths by County

County	Deaths	Percent
Jefferson	1,466	17.6%
Fayette	353	4.2%
Daviess	230	2.8%
Kenton	229	2.7%
Warren	218	2.6%
Hardin	206	2.5%
Hopkins	177	2.1%
Boone	170	2.0%
McCracken	155	1.9%
Pulaski	146	1.8%
Pike	139	1.7%
Madison	126	1.5%
Barren	117	1.4%
Christian	117	1.4%
Graves	115	1.4%
Bullitt	104	1.2%
Harlan	101	1.2%
Shelby	94	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	83	1.0%
Muhlenberg	81	1.0%
Boyle	80	1.0%
Logan	77	0.9%
Bell	76	0.9%
Perry	76	0.9%

County	Deaths	Percent
Marshall	75	0.9%
Lincoln	72	0.9%
Nelson	72	0.9%
Grayson	71	0.9%
Whitley	70	0.8%
Taylor	69	0.8%
Greenup	68	0.8%
Ohio	68	0.8%
Franklin	67	0.8%
Adair	62	0.7%
Mercer	60	0.7%
Allen	59	0.7%
Hart	58	0.7%
Calloway	57	0.7%
Letcher	54	0.6%
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	49	0.6%
Mason	47	0.6%
Simpson	47	0.6%
Casey	46	0.6%
Jackson	45	0.5%
Caldwell	43	0.5%
Washington	42	0.5%
McCreary	41	0.5%
Garrard	40	0.5%

County	Deaths	Percent
Johnson	40	0.5%
Marion	40	0.5%
Scott	40	0.5%
Montgomery	37	0.4%
Livingston	36	0.4%
Metcalfe	36	0.4%
Gallatin	35	0.4%
Anderson	34	0.4%
Lawrence	34	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%
Nicholas	14	0.2%
Estill	12	0.1%
Leslie	12	0.1%
Pendleton	12	0.1%
Carlisle	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
8,339

Incidence Rates by County

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

County	Rate
Whitley	204.5
Rockcastle	194.2
Harlan	180.2
Leslie	177.9
Powell	174.5
Monroe	167.7
Barren	159.8
Perry	159.7
Knox	158.7
Wolfe	157.7
Metcalfe	151.8
Magoffin	142.1
Floyd	142.1
Hart	141.8
Grayson	136.2
McCreary	134.3
Harrison	133.1
Owsley	132.7
Greenup	131.9
Edmonson	130.5
Jackson	129.7
Madison	126.6
Russell	124.3
Warren	122.9
Marion	121.6
Estill	120.5
Logan	117.5
Jessamine	114.0
Knott	112.9
Simpson	111.5

County	Rate
Bell	109.2
Martin	108.5
Breathitt	107.5
Bourbon	106.8
Laurel	106.7
Clay	106.2
Garrard	105.9
Boyd	100.9
Hardin	99.9
Allen	99.9
Ohio	99.4
Johnson	99.2
Lee	98.4
Graves	97.8
Larue	97.2
Taylor	95.9
Webster	94.9
Carroll	94.1
Muhlenberg	93.3
Boyle	90.3
Pendleton	90.1
Letcher	88.2
Green	87.5
Bullitt	87.5
Nelson	87.4
Butler	86.5
Lincoln	84.4
Pike	83.9
Nicholas	82.5
Lewis	81.8

County	Rate
Lawrence	81.1
Clark	78.4
Henry	78.0
Carter	76.2
Bracken	75.7
Cumberland	75.6
Breckinridge	75.3
Spencer	74.6
Robertson	74.5
Mason	73.6
Mercer	72.9
Christian	72.0
Gallatin	70.9
Meade	70.5
Henderson	70.5
Hancock	70.4
McLean	69.8
Hopkins	69.7
Scott	69.2
Franklin	68.9
Union	67.5
Casey	67.2
Fayette	65.9
Fleming	64.7
Trimble	64.1
Daviess	62.2
Morgan	61.2
Pulaski	61.1
Woodford	60.9
Rowan	58.4

County	Rate
Jefferson	57.1
Washington	56.7
Shelby	56.2
Montgomery	53.8
Marshall	51.4
Wayne	51.3
Kenton	51.2
Caldwell	50.4
Owen	48.5
Campbell	48.1
Trigg	47.8
Adair	44.6
McCracken	43.7
Boone	43.1
Todd	43.0
Elliott	41.8
Grant	41.6
Bath	38.9
Oldham	37.9
Calloway	36.3
Crittenden	34.1
Menifee	33.0
Anderson	32.7
Ballard	30.8
Hickman	29.4
Lyon	27.8
Fulton	26.3
Carlisle	18.0
Livingston	17.1
Clinton	11.2

Current Overall Incidence Rate
79.70 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.