

County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

2019

Logan County

LOGAN COUNTY, KANSAS | Pop. 2,821

	2015	2016	2017	2018	2019	Kansas 2019
Number of Counties Ranked	101	101	102	103	102	102
Health Outcomes - Rank	32	3	4	26	30	n/a
Length of life - Rank	38	11	15	50	46	n/a
Premature death (years of potential life lost, per 100,000)	7129	5465	6128			6944
Quality of life - Rank	32	2	5	8	17	n/a
% Reporting poor or fair health, adults* ²⁰¹⁶	11	11	13	12	12	15
Avg # poor physical health days, adults* ²⁰¹⁶	3	2.8	2.9	2.8	2.8	3.1
Avg # poor mental health days, adults* ²⁰¹⁶	3.8	2.8	2.9	3.1	3.1	3.3
% Low birthweight, <2,500 grams	5.3	4.8	5.1	5.6	7	7.1
Health Factors - Rank	46	10	9	9	7	n/a
Health Behaviors - Rank	83	21	24	21	19	n/a
% Adult smokers* ²⁰¹⁶	24	15	16	15	15	17
% Obese adults age 20 and older	32	32	31	33	33	33
Food environment index, 0 (worst) to 10 (best)	7.9	7.5	7.8	7.9	7.9	6.9
% Physically inactive adults age 20 and older	28	28	27	27	24	24
% Access to exercise opportunities	76	76	76	76	76	80
% Excessive drinking, adults* ²⁰¹⁶		16	16	16	16	17
% Driving deaths with alcohol-involvement	100	75	50	33	40	24
Sexually transmitted infection rate, per 100,000				215	177	418
Teen birth rate, per 1,000 females age 15-19	18	19	23	25	25	28
Clinical Care - Rank	59	60	40	56	51	n/a
% Uninsured, population under age 65	17	15	14	12	9	10
Primary care physicians rate, per 100,000	72	71	107	106	106	76
Dentists rate, per 100,000	71	72	71	71	71	57
Mental health providers rate, per 100,000						188
Preventable hospital stays rate, per 1,000 [§]	82	98	80	107		
Preventable hospital stays rate, per 100,000 ^{§#}					7909	4078
% Diabetes monitoring, adults age 65-75 [§]	83	90	90	90		
% Mammography screening, females age 67-69 [§]	53	52	56	56		
% Mammography screening, females age 65-74 ^{§#}					39	43
% Flu vaccinations [§]					39	44
Social & Economic Factors - Rank	14	3	5	10	6	n/a
% High school graduation					94	87
% Adults age 25-44 with some college	65	63	65	67	66	70
% Population age 16 and older unemployed	2.9	2.2	2.5	2.8	2.1	3.6
% Children in poverty	14	13	13	13	14	15
Income inequality ratio, 80th percentile to 20th	5	4	3.7	3.8	3.6	4.3
% Children in single-parent households	28	20	18	18	15	29
Membership associations rate, per 10,000	39.5	35.7	32.2	31.9	31.8	13.7
Violent crime rate, per 100,000	145	145	143	143	142	365
Injury death rate, per 100,000	87	87	72		85	73
Physical Environment - Rank	63	54	16	23	16	n/a
Avg daily density of fine particulate matter	13.1	13.1	7.1	7.1	6.7	8.1
% Exposed to unsafe drinking water	0					
Drinking water violations? yes/no		No	No	No	No	
% Households with severe housing problems	12	12	16	15	12	13
% Driving alone to work	74	75	74	75	76	82
% Long commute - driving alone	13	19	17	17	17	20

Empty cells: Shaded = Item was not used to calculate rankings that year; White = Data unavailable. NR: Health outcomes (e.g., length of life) or health factors (e.g., health behaviors) were not ranked that year. n/a: State is not ranked against counties.

*2016 represents substantial changes in data sources or calculation of the measure that would affect comparisons with measure data in 2015.

represents substantial changes in data sources or calculation of the measure that would affect comparisons with similar measures in prior years.

§ represents measures derived among Medicare enrollees.

Please refer to the [County Health Rankings & Roadmaps](#) to find out more about the indicator changes.

This document was prepared by the staff at the Kansas Health Institute. If you would like more information about County Health Rankings & Roadmaps, please contact Charles Hunt at (785) 233-5443 or email at chunt@khi.org.



Informing Policy. Improving Health.

The annual *County Health Rankings* provide a snapshot of the health of Kansas counties. The *Rankings* are made up of two summary scores: **Health Factors** (which measure issues that can shape the health outcomes) and **Health Outcomes** (which measure length and quality of life). The following tables illustrate the “drivers,” or measures with the greatest impact on ranking position, for this county.

What do these drivers mean?

The drivers indicate the measures with the greatest impact on the ranking position. Drivers labeled with a green plus sign are measures on which the county performed particularly well. Drivers labeled with a red minus sign indicate priority areas which, if improved, could have the greatest impact on improving the rankings of the county.

Health Factors: Drivers with greatest impact on ranking, Logan County, KS – 2019

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	% of population age 16 and older unemployed but seeking work	Social and Economic Environment	2.1%	3.6%	+
2	Preventable hospital stays	# of hospital stays for ambulatory care sensitive conditions per 100,000 Medicare enrollees	Clinical Care	7909	4078	-
3	Adult smoking	% of adults who are current smokers	Health Behaviors	15%	17%	+
4	Children in poverty	% of children under age 18 in poverty	Social and Economic Environment	14%	15%	+
5	Primary care physicians	# of primary care physicians per 100,000 population	Clinical Care	106	76	+

Health Outcomes: Drivers with greatest impact on ranking, Logan County, KS – 2019

	Measure	Description	Outcome Category	County Value	State Value	Impact on Rankings
1	Poor physical health days	Average # of physically unhealthy days reported in past 30 days for adults	Quality of Life	2.8	3.1	+
2	Poor or fair health	% of adults reporting fair or poor health	Quality of Life	12%	15%	+
3	Poor mental health days	Average # of mentally unhealthy days reported in past 30 days for adults	Quality of Life	3.1	3.3	+
4	Low birthweight	% of live births with low birthweight (< 2,500 grams)	Quality of Life	7%	7.1%	-
5	Premature death	Years of potential life lost before age 75 per 100,000 population	Length of Life		6944	NR

NR: Measure (e.g., premature death) could not be reported for this county.

+ Green Plus: Measure with a positive impact on a county’s ranking position.

- Red Minus: Measure with a negative impact on a county’s ranking position.

Technical Note: The state values are only provided as a point of reference. They have not been used in the determination of county rankings or top drivers for health outcomes and health factors. For more information on the calculation of score and rankings, please visit: <http://bit.ly/CHRzscores>.