

County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

2019

Butler County

BUTLER COUNTY, KANSAS | Pop. 66,878

	2015	2016	2017	2018	2019	Kansas 2019
Number of Counties Ranked	101	101	102	103	102	102
Health Outcomes - Rank	26	21	28	44	33	n/a
Length of life - Rank	24	24	32	37	27	n/a
Premature death (years of potential life lost, per 100,000)	6569	6437	7086	7290	7221	6944
Quality of life - Rank	47	19	26	51	56	n/a
% Reporting poor or fair health, adults* ²⁰¹⁶	10	12	13	13	13	15
Avg # poor physical health days, adults* ²⁰¹⁶	2.9	2.8	3	3.1	3.1	3.1
Avg # poor mental health days, adults* ²⁰¹⁶	3.2	2.9	3.1	3.4	3.4	3.3
% Low birthweight, <2,500 grams	6.6	6.8	6.7	6.9	7	7.1
Health Factors - Rank	23	32	32	48	55	n/a
Health Behaviors - Rank	18	29	27	77	80	n/a
% Adult smokers* ²⁰¹⁶	17	17	17	18	18	17
% Obese adults age 20 and older	32	31	32	34	35	33
Food environment index, 0 (worst) to 10 (best)	7.9	7.7	7.7	7.9	7.9	6.9
% Physically inactive adults age 20 and older	25	26	25	27	27	24
% Access to exercise opportunities	67	68	68	71	68	80
% Excessive drinking, adults* ²⁰¹⁶	12	17	15	18	18	17
% Driving deaths with alcohol-involvement	27	23	18	25	22	24
Sexually transmitted infection rate, per 100,000	251	214	234	245	256	418
Teen birth rate, per 1,000 females age 15-19	29	28	26	21	19	28
Clinical Care - Rank	15	13	20	21	22	n/a
% Uninsured, population under age 65	11	10	10	9	8	10
Primary care physicians rate, per 100,000	67	65	65	72	69	76
Dentists rate, per 100,000	24	24	24	27	28	57
Mental health providers rate, per 100,000	111	115	112	110	106	188
Preventable hospital stays rate, per 1,000 [§]	56	51	42	43		
Preventable hospital stays rate, per 100,000 ^{§#}					4036	4078
% Diabetes monitoring, adults age 65-75 [§]	85	84	84	84		
% Mammography screening, females age 67-69 [§]	60	59	61	61		
% Mammography screening, females age 65-74 ^{§#}					38	43
% Flu vaccinations [§]					47	44
Social & Economic Factors - Rank	41	44	32	27	40	n/a
% High school graduation	89	89	88	88	88	87
% Adults age 25-44 with some college	73	75	73	74	73	70
% Population age 16 and older unemployed	5.9	4.9	4.3	4.3	3.8	3.6
% Children in poverty	14	14	13	10	12	15
Income inequality ratio, 80th percentile to 20th	4	3.9	4	4	4	4.3
% Children in single-parent households	23	24	24	23	23	29
Membership associations rate, per 10,000	12.6	12.9	12.8	12.9	12.5	13.7
Violent crime rate, per 100,000	213	213	215	215	182	365
Injury death rate, per 100,000	68	70	71	74	76	73
Physical Environment - Rank	79	92	95	93	93	n/a
Avg daily density of fine particulate matter	9.3	9.3	9.3	9.3	9.6	8.1
% Exposed to unsafe drinking water	2					
Drinking water violations? yes/no		Yes	Yes	Yes	Yes	
% Households with severe housing problems	10	10	10	11	11	13
% Driving alone to work	87	87	86	85	85	82
% Long commute - driving alone	31	31	32	32	33	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, Butler County, KS – 2019

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Children in poverty	% of children under age 18 in poverty	Social and Economic Environment	12%	15%	+
2	Adult smoking	% of adults who are current smokers	Health Behaviors	18%	17%	-
3	Uninsured	% of population under age 65 without health insurance	Clinical Care	8%	10%	+
4	Some college	% of adults age 25-44 with some post-secondary education	Social and Economic Environment	73%	70%	+
5	Unemployment	% of population age 16 and older unemployed but seeking work	Social and Economic Environment	3.8%	3.6%	-

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

	Measure	Description	Outcome Category	County Value	State Value	Impact on Rankings
1	Premature death	Years of potential life lost before age 75 per 100,000 population	Length of Life	7221	6944	+
2	Poor or fair health	% of adults reporting fair or poor health	Quality of Life	13%	15%	+
3	Low birthweight	% of live births with low birthweight (< 2,500 grams)	Quality of Life	7%	7.1%	-
4	Poor mental health days	Average # of mentally unhealthy days reported in past 30 days for adults	Quality of Life	3.4	3.3	-
5	Poor physical health days	Average # of physically unhealthy days reported in past 30 days for adults	Quality of Life	3.1	3.1	+

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>.