

County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

2019

Comanche County

COMANCHE COUNTY, KANSAS | Pop. 1,790

	2015	2016	2017	2018	2019	Kansas 2019
Number of Counties Ranked	101	101	102	103	102	102
Health Outcomes - Rank	77	45	53	34	40	n/a
Length of life - Rank	52	47	48	50	46	n/a
Premature death (years of potential life lost, per 100,000)						6944
Quality of life - Rank	90	45	52	20	37	n/a
% Reporting poor or fair health, adults* ²⁰¹⁶		11	13	12	12	15
Avg # poor physical health days, adults* ²⁰¹⁶		2.7	2.8	2.9	2.9	3.1
Avg # poor mental health days, adults* ²⁰¹⁶		2.8	2.9	3.1	3.1	3.3
% Low birthweight, <2,500 grams	9.9	9.3	9.3	7.2	7.9	7.1
Health Factors - Rank	20	8	7	12	11	n/a
Health Behaviors - Rank	71	11	11	11	4	n/a
% Adult smokers* ²⁰¹⁶		14	14	14	14	17
% Obese adults age 20 and older	34	34	34	32	31	33
Food environment index, 0 (worst) to 10 (best)	8.1	7.9	7.9	8.5	8.5	6.9
% Physically inactive adults age 20 and older	27	27	26	30	28	24
% Access to exercise opportunities	56			56	56	80
% Excessive drinking, adults* ²⁰¹⁶		16	15	15	15	17
% Driving deaths with alcohol-involvement	67	60	33	0	0	24
Sexually transmitted infection rate, per 100,000	418			307	217	418
Teen birth rate, per 1,000 females age 15-19		30	25			28
Clinical Care - Rank	55	80	49	46	42	n/a
% Uninsured, population under age 65	15	18	14	13	12	10
Primary care physicians rate, per 100,000	52	51	51	109	107	76
Dentists rate, per 100,000	0	0	0	0	0	57
Mental health providers rate, per 100,000		51				188
Preventable hospital stays rate, per 1,000 [§]		64	67	91		
Preventable hospital stays rate, per 100,000 ^{§#}					6095	4078
% Diabetes monitoring, adults age 65-75 [§]	80	78	87	87		
% Mammography screening, females age 67-69 [§]	73	68	79	79		
% Mammography screening, females age 65-74 ^{§#}					48	43
% Flu vaccinations [§]					46	44
Social & Economic Factors - Rank	3	11	15	29	20	n/a
% High school graduation					100	87
% Adults age 25-44 with some college	78	81	80	65	62	70
% Population age 16 and older unemployed	3.2	3.1	3.5	3.4	2.9	3.6
% Children in poverty	16	16	15	17	16	15
Income inequality ratio, 80th percentile to 20th	3.8	3.7	3.9	3.8	3.8	4.3
% Children in single-parent households	11	11	20	22	25	29
Membership associations rate, per 10,000	52.3	46	51.2	65.1	59.1	13.7
Violent crime rate, per 100,000						365
Injury death rate, per 100,000	106	137	136	115	149	73
Physical Environment - Rank	5	2	7	10	37	n/a
Avg daily density of fine particulate matter	11.2	11.2	7.4	7.4	7.2	8.1
% Exposed to unsafe drinking water	0					
Drinking water violations? yes/no		No	No	No	Yes	
% Households with severe housing problems	5	5	6	5	4	13
% Driving alone to work	75	74	78	81	84	82
% Long commute - driving alone	10	7	10	13	11	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, Comanche County, KS – 2019

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult smoking	% of adults who are current smokers	Health Behaviors	14%	17%	+
2	High school graduation	% of ninth-grade cohort that graduates in four years	Social and Economic Environment	100%	87%	+
3	Social associations	# of membership associations per 10,000 population	Social and Economic Environment	59.1	13.7	+
4	Adult obesity	% of adults age 20 and older that report a BMI ≥ 30	Health Behaviors	31%	33%	+
5	Unemployment	% of population age 16 and older unemployed but seeking work	Social and Economic Environment	2.9%	3.6%	+

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

	Measure	Description	Outcome Category	County Value	State Value	Impact on Rankings
1	Low birthweight	% of live births with low birthweight (< 2,500 grams)	Quality of Life	7.9%	7.1%	-
2	Poor physical health days	Average # of physically unhealthy days reported in past 30 days for adults	Quality of Life	2.9	3.1	+
3	Poor or fair health	% of adults reporting fair or poor health	Quality of Life	12%	15%	+
4	Poor mental health days	Average # of mentally unhealthy days reported in past 30 days for adults	Quality of Life	3.1	3.3	+
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>.