

County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

2019

Chase County

CHASE COUNTY, KANSAS | Pop. 2,683

	2015	2016	2017	2018	2019	Kansas 2019
Number of Counties Ranked	101	101	102	103	102	102
Health Outcomes - Rank	17	25	73	68	31	n/a
Length of life - Rank	16	22	77	86	28	n/a
Premature death (years of potential life lost, per 100,000)	6216	6322	8527	9116	7275	6944
Quality of life - Rank	39	40	63	30	49	n/a
% Reporting poor or fair health, adults* ²⁰¹⁶		13	15	14	14	15
Avg # poor physical health days, adults* ²⁰¹⁶	1.8	3.1	3.2	3.1	3.1	3.1
Avg # poor mental health days, adults* ²⁰¹⁶		2.9	3.1	3.3	3.3	3.3
% Low birthweight, <2,500 grams	7.1	6.8	7.7	5.9		7.1
Health Factors - Rank	52	37	33	23	24	n/a
Health Behaviors - Rank	54	38	21	24	28	n/a
% Adult smokers* ²⁰¹⁶	20	16	16	16	16	17
% Obese adults age 20 and older	31	30	28	30	30	33
Food environment index, 0 (worst) to 10 (best)	5	4.8	4.9	5.2	5.3	6.9
% Physically inactive adults age 20 and older	26	29	28	29	24	24
% Access to exercise opportunities	53	21	21	68	68	80
% Excessive drinking, adults* ²⁰¹⁶	15	15	16	15	15	17
% Driving deaths with alcohol-involvement	20	18	11	9	15	24
Sexually transmitted infection rate, per 100,000			148	223		418
Teen birth rate, per 1,000 females age 15-19	38	30	24	18		28
Clinical Care - Rank	32	25	22	7	36	n/a
% Uninsured, population under age 65	17	18	13	10	10	10
Primary care physicians rate, per 100,000						76
Dentists rate, per 100,000	0	0	0	0	0	57
Mental health providers rate, per 100,000						188
Preventable hospital stays rate, per 1,000 [§]	76	50	61	46		
Preventable hospital stays rate, per 100,000 ^{§#}					3061	4078
% Diabetes monitoring, adults age 65-75 [§]	93	93	96	96		
% Mammography screening, females age 67-69 [§]	78	78	81	81		
% Mammography screening, females age 65-74 ^{§#}					42	43
% Flu vaccinations [§]					33	44
Social & Economic Factors - Rank	66	57	61	48	22	n/a
% High school graduation					95	87
% Adults age 25-44 with some college	55	58	55	61	68	70
% Population age 16 and older unemployed	5	4	3.7	3.7	2.6	3.6
% Children in poverty	18	17	17	15	15	15
Income inequality ratio, 80th percentile to 20th	4.5	4.5	4.4	4.4	4.5	4.3
% Children in single-parent households	22	30	27	26	28	29
Membership associations rate, per 10,000	21.8	29.6	14.9	14.9	15	13.7
Violent crime rate, per 100,000	95	95	133	133	150	365
Injury death rate, per 100,000				74	74	73
Physical Environment - Rank	48	18	33	63	28	n/a
Avg daily density of fine particulate matter	9.2	9.2	8.4	8.4	8.6	8.1
% Exposed to unsafe drinking water	0					
Drinking water violations? yes/no		No	No	Yes	No	
% Households with severe housing problems	14	12	8	9	9	13
% Driving alone to work	79	76	80	77	74	82
% Long commute - driving alone	29	29	29	32	29	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, Chase 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	2.6%	3.6%	+
2	Adult obesity	% of adults age 20 and older that report a BMI ≥ 30	Health Behaviors	30%	33%	+
3	Food environment index	Index of factors that contribute to a healthy food environment, (0-10)	Health Behaviors	5.3	6.9	-
4	Preventable hospital stays	# of hospital stays for ambulatory care sensitive conditions per 100,000 Medicare enrollees	Clinical Care	3061	4078	+
5	High school graduation	% of ninth-grade cohort that graduates in four years	Social and Economic Environment	95%	87%	+

Health Outcomes: Drivers with greatest impact on ranking, Chase 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	7275	6944	+
2	Poor physical health days	Average # of physically unhealthy days reported in past 30 days for adults	Quality of Life	3.1	3.1	+
3	Poor or fair health	% of adults reporting fair or poor health	Quality of Life	14%	15%	+
4	Poor mental health days	Average # of mentally unhealthy days reported in past 30 days for adults	Quality of Life	3.3	3.3	+
5	Low birthweight	% of live births with low birthweight (< 2,500 grams)	Quality of Life		7.1%	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>.