

County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

2019

Russell County

RUSSELL COUNTY, KANSAS | Pop. 6,915

	2015	2016	2017	2018	2019	Kansas 2019
Number of Counties Ranked	101	101	102	103	102	102
Health Outcomes - Rank	90	52	36	17	56	n/a
Length of life - Rank	90	32	19	5	33	n/a
Premature death (years of potential life lost, per 100,000)	9940	7007	6188	4904	7396	6944
Quality of life - Rank	83	78	79	75	68	n/a
% Reporting poor or fair health, adults* ²⁰¹⁶	13	14	14	15	15	15
Avg # poor physical health days, adults* ²⁰¹⁶	3.1	3.3	3.1	3.3	3.3	3.1
Avg # poor mental health days, adults* ²⁰¹⁶	3.3	3.1	3.2	3.6	3.6	3.3
% Low birthweight, <2,500 grams	8.5	8.5	8.8	6.7	6.3	7.1
Health Factors - Rank	77	67	72	77	72	n/a
Health Behaviors - Rank	38	36	46	40	35	n/a
% Adult smokers* ²⁰¹⁶	19	17	17	16	16	17
% Obese adults age 20 and older	32	30	30	33	34	33
Food environment index, 0 (worst) to 10 (best)	7.5	7	7	7.5	7.5	6.9
% Physically inactive adults age 20 and older	25	23	24	27	30	24
% Access to exercise opportunities	53	33	33	68	64	80
% Excessive drinking, adults* ²⁰¹⁶	11	15	14	15	15	17
% Driving deaths with alcohol-involvement	56	50	50	30	20	24
Sexually transmitted infection rate, per 100,000	230	202	216	201	114	418
Teen birth rate, per 1,000 females age 15-19	42	41	40	31	26	28
Clinical Care - Rank	97	94	99	95	73	n/a
% Uninsured, population under age 65	16	16	14	11	12	10
Primary care physicians rate, per 100,000	14	14	14	43	57	76
Dentists rate, per 100,000	29	29	28	29	29	57
Mental health providers rate, per 100,000	29	29	14	14		188
Preventable hospital stays rate, per 1,000 [§]	85	70	76	76		
Preventable hospital stays rate, per 100,000 ^{§#}					5385	4078
% Diabetes monitoring, adults age 65-75 [§]	65	69	65	65		
% Mammography screening, females age 67-69 [§]	53	55	51	51		
% Mammography screening, females age 65-74 ^{§#}					39	43
% Flu vaccinations [§]					27	44
Social & Economic Factors - Rank	70	60	69	81	76	n/a
% High school graduation		83			84	87
% Adults age 25-44 with some college	65	69	70	70	68	70
% Population age 16 and older unemployed	4.3	3.5	3.8	4.5	3.3	3.6
% Children in poverty	24	20	21	20	21	15
Income inequality ratio, 80th percentile to 20th	4.2	4.6	4.6	4.1	3.6	4.3
% Children in single-parent households	28	22	24	29	30	29
Membership associations rate, per 10,000	25.9	26	24.4	22.7	22.9	13.7
Violent crime rate, per 100,000	377	377	369	369	366	365
Injury death rate, per 100,000	110	110	121	129	106	73
Physical Environment - Rank	46	49	39	42	79	n/a
Avg daily density of fine particulate matter	11.7	11.7	7.9	7.9	7.5	8.1
% Exposed to unsafe drinking water	3					
Drinking water violations? yes/no		No	No	No	Yes	
% Households with severe housing problems	11	12	13	13	12	13
% Driving alone to work	77	79	80	81	88	82
% Long commute - driving alone	15	19	19	19	20	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, Russell 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	21%	15%	—
2	High school graduation	% of ninth-grade cohort that graduates in four years	Social and Economic Environment	84%	87%	—
3	Driving alone to work	% of workforce that drives alone to work	Physical Environment	88%	82%	—
4	Sexually transmitted infections	# of newly diagnosed chlamydia cases per 100,000 population	Health Behaviors	114	418	+
5	Drinking water violations	Indicator of the presence of health-related drinking water violations. Yes - indicates the presence of a violation, No - indicates no violation.	Physical Environment	Yes		—

Health Outcomes: Drivers with greatest impact on ranking, Russell 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	7396	6944	+
2	Poor mental health days	Average # of mentally unhealthy days reported in past 30 days for adults	Quality of Life	3.6	3.3	—
3	Low birthweight	% of live births with low birthweight (< 2,500 grams)	Quality of Life	6.3%	7.1%	+
4	Poor physical health days	Average # of physically unhealthy days reported in past 30 days for adults	Quality of Life	3.3	3.1	—
5	Poor or fair health	% of adults reporting fair or poor health	Quality of Life	15%	15%	+

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>.