

# County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

# 2019

Shawnee County

SHAWNEE COUNTY, KANSAS | Pop. 178,187

	2015	2016	2017	2018	2019	Kansas 2019
Number of Counties Ranked	101	101	102	103	102	102
<b>Health Outcomes - Rank</b>	<b>56</b>	<b>51</b>	<b>65</b>	<b>61</b>	<b>79</b>	<b>n/a</b>
<b>Length of life - Rank</b>	<b>49</b>	<b>43</b>	<b>43</b>	<b>47</b>	<b>78</b>	<b>n/a</b>
Premature death (years of potential life lost, per 100,000)	7726	7577	7544	7676	8644	6944
<b>Quality of life - Rank</b>	<b>64</b>	<b>61</b>	<b>77</b>	<b>72</b>	<b>75</b>	<b>n/a</b>
% Reporting poor or fair health, adults* <sup>2016</sup>	13	15	15	15	15	15
Avg # poor physical health days, adults* <sup>2016</sup>	3	3.1	3.2	3.1	3.1	3.1
Avg # poor mental health days, adults* <sup>2016</sup>	3.1	3.1	3.4	3.5	3.5	3.3
% Low birthweight, <2,500 grams	7.7	7.6	7.5	7.2	7.3	7.1
<b>Health Factors - Rank</b>	<b>62</b>	<b>79</b>	<b>78</b>	<b>56</b>	<b>59</b>	<b>n/a</b>
<b>Health Behaviors - Rank</b>	<b>55</b>	<b>91</b>	<b>91</b>	<b>63</b>	<b>60</b>	<b>n/a</b>
% Adult smokers* <sup>2016</sup>	19	20	19	16	16	17
% Obese adults age 20 and older	33	32	33	35	36	33
Food environment index, 0 (worst) to 10 (best)	6.8	6.7	6.8	7.3	7.4	6.9
% Physically inactive adults age 20 and older	24	24	23	24	24	24
% Access to exercise opportunities	85	86	86	87	91	80
% Excessive drinking, adults* <sup>2016</sup>	15	15	17	15	15	17
% Driving deaths with alcohol-involvement	28	28	27	28	25	24
Sexually transmitted infection rate, per 100,000	450	514	501	499	533	418
Teen birth rate, per 1,000 females age 15-19	49	48	44	39	36	28
<b>Clinical Care - Rank</b>	<b>5</b>	<b>9</b>	<b>10</b>	<b>4</b>	<b>5</b>	<b>n/a</b>
% Uninsured, population under age 65	14	14	12	9	9	10
Primary care physicians rate, per 100,000	73	72	70	72	70	76
Dentists rate, per 100,000	60	61	60	61	62	57
Mental health providers rate, per 100,000	311	330	318	328	336	188
Preventable hospital stays rate, per 1,000 <sup>§</sup>	49	44	47	45		
Preventable hospital stays rate, per 100,000 <sup>§#</sup>					3997	4078
% Diabetes monitoring, adults age 65-75 <sup>§</sup>	89	88	90	90		
% Mammography screening, females age 67-69 <sup>§</sup>	69	69	68	68		
% Mammography screening, females age 65-74 <sup>§#</sup>					52	43
% Flu vaccinations <sup>§</sup>					56	44
<b>Social &amp; Economic Factors - Rank</b>	<b>87</b>	<b>84</b>	<b>81</b>	<b>70</b>	<b>73</b>	<b>n/a</b>
% High school graduation	78	79	80	80	86	87
% Adults age 25-44 with some college	65	65	65	66	66	70
% Population age 16 and older unemployed	5.9	4.8	4.3	4.1	3.7	3.6
% Children in poverty	22	21	20	14	15	15
Income inequality ratio, 80th percentile to 20th	4.4	4.4	4.4	4.3	4.3	4.3
% Children in single-parent households	37	36	34	33	31	29
Membership associations rate, per 10,000	17.1	17.1	17.4	17	16.8	13.7
Violent crime rate, per 100,000	455	455	440	440	444	365
Injury death rate, per 100,000	71	71	72	77	82	73
<b>Physical Environment - Rank</b>	<b>35</b>	<b>73</b>	<b>92</b>	<b>95</b>	<b>89</b>	<b>n/a</b>
Avg daily density of fine particulate matter	8.4	8.4	9.6	9.6	9.6	8.1
% Exposed to unsafe drinking water	1					
Drinking water violations? yes/no		Yes	Yes	Yes	Yes	
% Households with severe housing problems	14	15	15	14	14	13
% Driving alone to work	83	83	83	83	83	82
% Long commute - driving alone	12	11	12	12	13	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](mailto: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, Shawnee County, KS – 2019**

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Flu vaccinations	% of Medicare enrollees who receive an influenza vaccination	Clinical Care	56%	44%	+
2	Sexually transmitted infections	# of newly diagnosed chlamydia cases per 100,000 population	Health Behaviors	533	418	-
3	Violent crime	# of reported violent crime offenses per 100,000 population	Social and Economic Environment	444	365	-
4	Uninsured	% of population under age 65 without health insurance	Clinical Care	9%	10%	+
5	Mammography screening	% of female Medicare enrollees age 65-74 that receive mammography screening	Clinical Care	52%	43%	+

**Health Outcomes: Drivers with greatest impact on ranking, Shawnee 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	8644	6944	-
2	Poor mental health days	Average # of mentally unhealthy days reported in past 30 days for adults	Quality of Life	3.5	3.3	-
3	Low birthweight	% of live births with low birthweight (< 2,500 grams)	Quality of Life	7.3%	7.1%	-
4	Poor physical health days	Average # of physically unhealthy days reported in past 30 days for adults	Quality of Life	3.1	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>.