

# County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

# 2017

Brown County

BROWN COUNTY, KANSAS | Pop. 9,776

	2013	2014	2015	2016	2017	Kansas 2017
Number of Counties Ranked	102	98	101	101	102	102
<b>Health Outcomes- Rank</b>	<b>88</b>	<b>76</b>	<b>84</b>	<b>94</b>	<b>87</b>	<b>n/a</b>
<b>Length of life- Rank</b>	<b>96</b>	<b>92</b>	<b>91</b>	<b>95</b>	<b>94</b>	<b>n/a</b>
Premature death (Years of Potential Life Lost)	10354	10354	10638	10947	10249	6757
<b>Quality of life- Rank</b>	<b>44</b>	<b>20</b>	<b>27</b>	<b>80</b>	<b>55</b>	<b>n/a</b>
% Reporting poor or fair health*	19	17	17	16	15	15
# Poor physical health days*	3.1	2.7	2.7	3.5	3.5	3.1
# Poor mental health days*	1.9	1.6	1.6	3.3	3.3	3.2
% Low birthweight	6.4	5.7	6	6.4	5.8	7.1
<b>Health Factors- Rank</b>	<b>96</b>	<b>82</b>	<b>76</b>	<b>80</b>	<b>82</b>	<b>n/a</b>
<b>Health Behaviors- Rank</b>	<b>100</b>	<b>77</b>	<b>62</b>	<b>84</b>	<b>90</b>	<b>n/a</b>
% Adult smokers*	22	21	21	19	20	18
% Obese adults	37	34	32	31	30	31
Food environment index		7.9	7.4	7.4	7.5	7.2
% Physically inactive adults	31	32	31	32	30	23
% Access to exercise opportunities		42	44	44	44	76
% Excessive drinking*	11	9	9	15	14	17
% Driving deaths with alcohol-impairment		38	36	33	30	27
Motor vehicle crash death rate	27					
Sexually transmitted infection rate	260	280	253	182	230	384
Teen birth rate	56	59	58	56	55	36
<b>Clinical Care- Rank</b>	<b>82</b>	<b>69</b>	<b>65</b>	<b>77</b>	<b>74</b>	<b>n/a</b>
% Uninsured	18	16	17	16	14	12
Primary care physicians rate	100	100	111	100	112	75
Dentist rate	30	30	30	31	31	55
Mental health provider rate		162	280	285	276	173
Preventable hospital stays	111	103	112	110	107	52
% Diabetes monitoring	82	80	86	81	84	86
% Mammography screening	44	48	52	54	54	63
<b>Social &amp; Economic Factors- Rank</b>	<b>79</b>	<b>80</b>	<b>81</b>	<b>86</b>	<b>74</b>	<b>n/a</b>
% High school graduation*	82	86	82		93	86
% Population with some college	52	54	53	54	57	69
% Unemployed	5.6	5	4.9	4.1	4	4.2
% Children in poverty	25	26	23	27	23	17
Income inequality			4.5	4.7	4.1	4.4
% No social-emotional support	18	18				
% Children in single-parent households	36	37	36	33	31	29
Membership associations rate			20.2	21	21.4	13.9
Violent crime rate	265	185	177	177	187	348
Injury death rate		92	92	84	79	69
<b>Physical Environment- Rank</b>	<b>58</b>	<b>36</b>	<b>11</b>	<b>40</b>	<b>77</b>	<b>n/a</b>
Daily fine particulate matter*	8.3	8.3	8.3	8.3	9.3	8.5
% Exposed to unsafe drinking water	71	37	5			
Drinking water violations? yes/no				Yes	Yes	
% Severe housing problems		10	11	10	11	14
% Limited access to healthy foods	3					
% Driving alone to work		78	79	79	80	82
% Long commute - driving alone		18	16	15	17	20
Access to recreational facilities rate	0					
% Restaurants that are fast food	35					

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.

\* Represent substantial changes in data sources or calculation of the measure that would affect year-to-year comparisons. 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 Tatiana Lin at (785) 233-5443 or email at [tlin@khi.org](mailto:tlin@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 disease and deaths). The following tables illustrate this county's "**drivers**," or measures with the greatest impact on a county's ranking position.

#### What do these drivers mean?

The drivers indicate the measures with the greatest impact on a county's 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 county's rankings.

#### Health Factors: Drivers with greatest impact on ranking, Brown County, KS – 2017

	Measure	Description	Factor Category	County Value	State Value	Impact on Ranking
1	Adult smoking	Percentage of adults who are current smokers	Health Behaviors	20%	18%	—
2	Children in poverty	Percentage of children under age 18 in poverty	Social and Economic Environment	23%	17%	—
3	Preventable hospital stays	Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees	Clinical Care	107	52	—
4	Adult obesity	Percentage of adults that report a BMI of 30 or more	Health Behaviors	30%	31%	+
5	Primary care physicians	Ratio of population to primary care physicians	Clinical Care	112	75	+

#### Health Outcomes: Drivers with greatest impact on ranking, Brown County, KS – 2017

	Measure	Description	Factor Category	County Value	State Value	Impact on Ranking
1	Premature death	Years of potential life lost before age 75 per 100,000 population (age-adjusted)	Length of Life	10249	6757	—
2	Low birthweight	Percentage of live births with low birthweight (< 2500 grams)	Quality of Life	5.8%	7.1%	+
3	Poor physical health days	Average number of physically unhealthy days reported in past 30 days (age-adjusted)	Quality of Life	3.5	3.1	—
4	Poor mental health days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted)	Quality of Life	3.3	3.2	—
5	Poor or fair health	Percentage of adults reporting fair or poor health (age-adjusted)	Quality of Life	15%	15%	—

**NR:** Measure (e.g., premature death) was not ranked this year.

**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 counties' 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/CHRRzscores>.