

# County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program

# 2019

Brown County

BROWN COUNTY, KANSAS | Pop. 9,641

	2015	2016	2017	2018	2019	Kansas 2019
Number of Counties Ranked	101	101	102	103	102	102
<b>Health Outcomes - Rank</b>	<b>84</b>	<b>94</b>	<b>87</b>	<b>58</b>	<b>67</b>	<b>n/a</b>
<b>Length of life - Rank</b>	<b>91</b>	<b>95</b>	<b>94</b>	<b>35</b>	<b>44</b>	<b>n/a</b>
Premature death (years of potential life lost, per 100,000)	10638	10947	10249	7269	7916	6944
<b>Quality of life - Rank</b>	<b>27</b>	<b>80</b>	<b>55</b>	<b>76</b>	<b>72</b>	<b>n/a</b>
% Reporting poor or fair health, adults* <sup>2016</sup>	17	16	15	16	16	15
Avg # poor physical health days, adults* <sup>2016</sup>	2.7	3.5	3.5	3.5	3.5	3.1
Avg # poor mental health days, adults* <sup>2016</sup>	1.6	3.3	3.3	3.5	3.5	3.3
% Low birthweight, <2,500 grams	6	6.4	5.8	6.1	5.9	7.1
<b>Health Factors - Rank</b>	<b>76</b>	<b>80</b>	<b>82</b>	<b>79</b>	<b>69</b>	<b>n/a</b>
<b>Health Behaviors - Rank</b>	<b>62</b>	<b>84</b>	<b>90</b>	<b>83</b>	<b>82</b>	<b>n/a</b>
% Adult smokers* <sup>2016</sup>	21	19	20	18	18	17
% Obese adults age 20 and older	32	31	30	33	34	33
Food environment index, 0 (worst) to 10 (best)	7.4	7.4	7.5	7.8	7.9	6.9
% Physically inactive adults age 20 and older	31	32	30	30	31	24
% Access to exercise opportunities	44	44	44	45	56	80
% Excessive drinking, adults* <sup>2016</sup>	9	15	14	15	15	17
% Driving deaths with alcohol-involvement	36	33	30	23	23	24
Sexually transmitted infection rate, per 100,000	253	182	230	214	225	418
Teen birth rate, per 1,000 females age 15-19	58	56	55	45	45	28
<b>Clinical Care - Rank</b>	<b>65</b>	<b>77</b>	<b>74</b>	<b>67</b>	<b>12</b>	<b>n/a</b>
% Uninsured, population under age 65	17	16	14	11	11	10
Primary care physicians rate, per 100,000	111	100	112	113	124	76
Dentists rate, per 100,000	30	31	31	41	41	57
Mental health providers rate, per 100,000	280	285	276	289	311	188
Preventable hospital stays rate, per 1,000 <sup>§</sup>	112	110	107	114		
Preventable hospital stays rate, per 100,000 <sup>§#</sup>					2592	4078
% Diabetes monitoring, adults age 65-75 <sup>§</sup>	86	81	84	84		
% Mammography screening, females age 67-69 <sup>§</sup>	52	54	54	54		
% Mammography screening, females age 65-74 <sup>§#</sup>					41	43
% Flu vaccinations <sup>§</sup>					29	44
<b>Social &amp; Economic Factors - Rank</b>	<b>81</b>	<b>86</b>	<b>74</b>	<b>61</b>	<b>74</b>	<b>n/a</b>
% High school graduation	82		93	93	86	87
% Adults age 25-44 with some college	53	54	57	60	59	70
% Population age 16 and older unemployed	4.9	4.1	4	3.9	3.2	3.6
% Children in poverty	23	27	23	20	21	15
Income inequality ratio, 80th percentile to 20th	4.5	4.7	4.1	3.8	3.4	4.3
% Children in single-parent households	36	33	31	31	36	29
Membership associations rate, per 10,000	20.2	21	21.4	22.5	21.7	13.7
Violent crime rate, per 100,000	177	177	187	187	213	365
Injury death rate, per 100,000	92	84	79	83	76	73
<b>Physical Environment - Rank</b>	<b>11</b>	<b>40</b>	<b>77</b>	<b>85</b>	<b>83</b>	<b>n/a</b>
Avg daily density of fine particulate matter	8.3	8.3	9.3	9.3	9.4	8.1
% Exposed to unsafe drinking water	5					
Drinking water violations? yes/no		Yes	Yes	Yes	Yes	
% Households with severe housing problems	11	10	11	12	11	13
% Driving alone to work	79	79	80	81	81	82
% Long commute - driving alone	16	15	17	17	19	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, Brown 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	18%	17%	—
2	Children in poverty	% of children under age 18 in poverty	Social and Economic Environment	21%	15%	—
3	Primary care physicians	# of primary care physicians per 100,000 population	Clinical Care	124	76	+
4	Preventable hospital stays	# of hospital stays for ambulatory care sensitive conditions per 100,000 Medicare enrollees	Clinical Care	2592	4078	+
5	Teen births	# of births per 1,000 female population ages 15-19	Health Behaviors	45	28	—

**Health Outcomes: Drivers with greatest impact on ranking, Brown 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	5.9%	7.1%	+
2	Poor physical health days	Average # of physically unhealthy days reported in past 30 days for adults	Quality of Life	3.5	3.1	—
3	Poor mental health days	Average # of mentally unhealthy days reported in past 30 days for adults	Quality of Life	3.5	3.3	—
4	Poor or fair health	% of adults reporting fair or poor health	Quality of Life	16%	15%	—
5	Premature death	Years of potential life lost before age 75 per 100,000 population	Length of Life	7916	6944	+

**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>.