

# 2020

## Logan County

Pop. 2,844

# 16

Health  
Factors  
Rank

# 23

Health  
Outcomes  
Rank

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.

# 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).*

### County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program



## KANSAS HEALTH INSTITUTE

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	2016	2017	2018	2019	2020	Kansas 2020
Number of Counties Ranked	101	102	103	102	104	104
<b>Health Outcomes- Rank</b>	<b>3</b>	<b>4</b>	<b>26</b>	<b>30</b>	<b>23</b>	n/a
<b>Length of life- Rank</b>	<b>11</b>	<b>15</b>	<b>50</b>	<b>46</b>	<b>38</b>	n/a
Premature death (years of potential life lost, per 100,000)	5465	6128				7024
<b>Quality of life- Rank</b>	<b>2</b>	<b>5</b>	<b>8</b>	<b>17</b>	<b>10</b>	n/a
% Reporting poor or fair health, adults	11	13	12	12	13	16
Avg # poor physical health days, adults	2.8	2.9	2.8	2.8	3.2	3.6
Avg # poor mental health days, adults	2.8	2.9	3.1	3.1	3.4	3.7
% Low birthweight, <2,500 grams	4.8	5.1	5.6	7	6.7	7.1
<b>Health Factors- Rank</b>	<b>10</b>	<b>9</b>	<b>9</b>	<b>7</b>	<b>16</b>	n/a
<b>Health Behaviors- Rank</b>	<b>21</b>	<b>24</b>	<b>21</b>	<b>19</b>	<b>11</b>	n/a
% Adult smokers	15	16	15	15	14	17
% Obese adults age 20 and older	32	31	33	33	32	33
Food environment index, 0 (worst) to 10 (best)	7.5	7.8	7.9	7.9	8	6.8
% Physically inactive adults age 20 and older	28	27	27	24	27	25
% Access to exercise opportunities	76	76	76	76	76	80
% Excessive drinking, adults	16	16	16	16	17	19
% Driving deaths with alcohol-involvement	75	50	33	40	25	22
Sexually transmitted infection rate, per 100,000			215	177	213	465
Teen birth rate, per 1,000 females age 15-19	19	23	25	25	27	26
<b>Clinical Care- Rank</b>	<b>60</b>	<b>40</b>	<b>56</b>	<b>51</b>	<b>80</b>	n/a
% Uninsured, population under age 65	15	14	12	9	10	10
Primary care physicians rate, per 100,000	71	107	106	106	71	77
Dentists rate, per 100,000	72	71	71	71	70	58
Mental health providers rate, per 100,000						197
Preventable hospital stays rate, per 1,000 <sup>§</sup>	98	80	107			
Preventable hospital stays rate, per 100,000 <sup>§#</sup>				7909	8354	4024
% Diabetes monitoring, adults age 65-75 <sup>§</sup>	90	90	90			
% Mammography screening, females age 67-69 <sup>§</sup>	52	56	56			
% Mammography screening, females age 65-74 <sup>§#</sup>				39	35	45
% Flu vaccinations <sup>§</sup>				39	39	46
<b>Social &amp; Economic Factors- Rank</b>	<b>3</b>	<b>5</b>	<b>10</b>	<b>6</b>	<b>15</b>	n/a
% High school graduation				94	86	87
% Adults age 25-44 with some college	63	65	67	66	69	70
% Population age 16 and older unemployed	2.2	2.5	2.8	2.1	2.2	3.4
% Children in poverty	13	13	13	14	15	15
Income inequality ratio, 80th percentile to 20th	4	3.7	3.8	3.6	3.7	4.3
% Children in single-parent households	20	18	18	15	23	29
Membership associations rate, per 10,000	35.7	32.2	31.9	31.8	17.7	13.7
Violent crime rate, per 100,000	145	143	143	142	142	365
Injury death rate, per 100,000	87	72		85	78	74
<b>Physical Environment- Rank</b>	<b>54</b>	<b>16</b>	<b>23</b>	<b>16</b>	<b>16</b>	n/a
Avg daily density of fine particulate matter	13.1	7.1	7.1	6.7	6.7	8.1
Drinking water violations? yes/no	No	No	No	No	No	
% Households with severe housing problems	12	16	15	12	15	13
% Driving alone to work	75	74	75	76	72	82
% Long commute - driving alone	19	17	17	17	17	21

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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 five measures that, when combined with the weighting, have the greatest impact on the ranking positions for health factors and health outcomes. Drivers labeled with a green plus sign are the weighted measures that influenced higher, or better, rankings. 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, Logan County, KS – 2020

	Measure	Description	Factor Category	County Value	State Value	Impact on Ranking
1	Unemployment	% of population age 16 and older unemployed but seeking work	Social and Economic Environment	2.2%	3.4%	+
2	Adult smoking	% of adults who are current smokers	Health Behaviors	14%	17%	+
3	Preventable hospital stays	# of hospital stays for ambulatory care sensitive conditions per 100,000 Medicare enrollees	Clinical Care	8354	4024	-
4	Adult obesity	% of adults age 20 and older that report a BMI ≥ 30	Health Behaviors	32%	33%	+
5	Children in poverty	% of children under age 18 in poverty	Social and Economic Environment	15%	15%	+

### Health Outcomes: Drivers with greatest impact on ranking, Logan County, KS – 2020

	Measure	Description	Outcome Category	County Value	State Value	Impact on Ranking
1	Poor physical health days	Average # of physically unhealthy days reported in past 30 days for adults	Quality of Life	3.2	3.6	+
2	Poor or fair health	% of adults reporting fair or poor health	Quality of Life	13%	16%	+
3	Poor mental health days	Average # of mentally unhealthy days reported in past 30 days for adults	Quality of Life	3.4	3.7	+
4	Low birthweight	% of live births with low birthweight (< 2,500 grams)	Quality of Life	6.7%	7.1%	+
5	Premature death	Years of potential life lost before age 75 per 100,000 population	Length of Life		7024	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>.*