

Allen County

90

Health Factors Rank

89

Health Outcomes Rank

Population: 12,464



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2023

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	38	86	89	90	89	N/A
Length of Life- Rank	29	90	89	81	81	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7302	9358	9606	9545	9545	7458
Quality of Life- Rank	60	73	74	91	86	N/A
% Reporting poor or fair health, adults [#]			19	19	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	4	4
% Low birthweight, <2,500 grams ^Δ	5.4	6.2	6.5	7.4	7.4	7.2
Health Factors- Rank	83	97	93	93	90	N/A
Health Behaviors- Rank	70	93	88	84	91	N/A
% Smokers, adults [#]			21	20	22	17
% Obese, adults age 20 and older [#]				38	40	36
Food environment index, 0 (worst) to 10 (best)	6.2	6.3	6.1	7.4	7.7	7
% Physically inactive, adults age 20 and older [#]				33	26	21
% Access to exercise opportunities [#]					76	80
% Excessive drinking, adults [#]			18	18	19	20
% Driving deaths with alcohol-involvement ^Δ	7	14	8	8	8	19
Sexually transmitted infection rate, per 100,000 population	212	152	256	340	291	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	29	28	26	26	26	22
Clinical Care- Rank	62	55	56	43	40	N/A
% Uninsured, population under age 65	9	9	9	10	11	10
Primary care physicians rate, per 100,000 population	63	64	64	73	65	79
Dentists rate, per 100,000 population	56	56	57	56	56	62
Mental health providers rate, per 100,000 population	120	121	121	137	152	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	6372	5582	5456	4620	2699	2708
% Mammography screening, Medicare females age 65-74	34	34	31	34	35	42
% Flu vaccinations, Medicare enrollees	37	38	40	43	44	51
Social & Economic Factors- Rank	89	100	94	93	94	N/A
% High school completion, adults age 25 and older [@]			92	92	93	92
% With some college, adults age 25-44	65	61	61	57	58	71
% Unemployed, population age 16 and older	4.9	4	3.5	5.4	3	3.2
% Children in poverty	23	27	24	20	23	14
Income inequality ratio, 80th to 20th percentile	4.1	4.4	4.7	4	4.2	4.4
% Children in single-parent households [#]			27	32	34	21
Membership associations rate, per 10,000 population	16.5	12	10.4	10.5	11.3	13.2
Injury death rate, per 100,000 population ^Δ	73	77	81	78	78	78
Physical Environment- Rank	50	56	87	89	53	N/A
Average daily density of fine particulate matter	9.5	9.5	7.6	8.5	8.3	6.7
Drinking water violations?	No	No	Yes	Yes	No	
% Households with severe housing problems	11	9	9	11	11	13
% Driving alone to work	81	84	85	82	79	79
% Long commute - driving alone	15	14	15	18	15	22

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, Allen County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	22%	17%	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	23%	14%	-
3	Children in Single-Parent Households	Percentage of children that live in a household headed by a single parent.	Social and Economic Environment	34%	21%	-
4	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3%	3.2%	-
5	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	40%	36%	-

Health Outcomes: Drivers with the greatest impact on ranking, Allen County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9545	7458	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.4%	7.2%	-
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-

NR: Measure 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.

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Anderson County



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89

Health Factors Rank

66

Health Outcomes Rank

Population: 7,778

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20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	60	70	73	81	66	N/A
Length of Life- Rank	74	88	86	80	80	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	8363	9205	9250	9392	9392	7458
Quality of Life- Rank	45	43	45	70	51	N/A
% Reporting poor or fair health, adults [#]			18	19	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	5	4
% Low birthweight, <2,500 grams ^Δ	5.4	5.7	5.5	5.7	5.7	7.2
Health Factors- Rank	61	59	69	91	89	N/A
Health Behaviors- Rank	55	71	81	96	87	N/A
% Smokers, adults [#]			22	21	21	17
% Obese, adults age 20 and older [#]				38	39	36
Food environment index, 0 (worst) to 10 (best)	7.4	7.4	7.5	7.7	7.9	7
% Physically inactive, adults age 20 and older [#]				31	24	21
% Access to exercise opportunities [#]					49	80
% Excessive drinking, adults [#]			20	19	20	20
% Driving deaths with alcohol-involvement ^Δ	7	28	31	31	31	19
Sexually transmitted infection rate, per 100,000 population	231	255	166	229	127	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	29	26	25	24	24	22
Clinical Care- Rank	49	41	48	52	62	N/A
% Uninsured, population under age 65	11	10	11	11	11	10
Primary care physicians rate, per 100,000 population	38	38	38	38	38	79
Dentists rate, per 100,000 population	38	25	25	25	26	62
Mental health providers rate, per 100,000 population	38	38	51	63	51	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3745	3071	3032	3662	3110	2708
% Mammography screening, Medicare females age 65-74	52	49	45	46	42	42
% Flu vaccinations, Medicare enrollees	25	27	28	31	35	51
Social & Economic Factors- Rank	64	65	63	81	85	N/A
% High school completion, adults age 25 and older [@]			91	89	86	92
% With some college, adults age 25-44	64	61	61	57	60	71
% Unemployed, population age 16 and older	4	3.5	3.3	4.1	2.5	3.2
% Children in poverty	18	17	13	16	16	14
Income inequality ratio, 80th to 20th percentile	4	4	4.3	4.9	4.5	4.4
% Children in single-parent households [#]			15	23	27	21
Membership associations rate, per 10,000 population	14.1	11.5	10.2	10.2	8.8	13.2
Injury death rate, per 100,000 population ^Δ	87	110	110	122	122	78
Physical Environment- Rank	55	50	48	80	65	N/A
Average daily density of fine particulate matter	9.2	9.2	7.2	8.2	7.8	6.7
Drinking water violations?	No	No	No	Yes	No	
% Households with severe housing problems	12	12	13	12	13	13
% Driving alone to work	78	73	75	75	78	79
% Long commute - driving alone	32	35	40	43	41	22

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, Anderson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
2	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	86%	92%	-
3	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	122	78	-
4	Children in Single-Parent Households	Percentage of children that live in a household headed by a single parent.	Social and Economic Environment	27%	21%	-
5	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	39%	36%	-

Health Outcomes: Drivers with the greatest impact on ranking, Anderson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.7%	7.2%	+
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9392	7458	-
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	-
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-

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Atchison County



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77

Health Factors Rank

41

Health Outcomes Rank

Population: 16,239

2023

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	89	80	51	49	41	N/A
Length of Life- Rank	84	76	36	35	35	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	9029	8403	7601	7702	7702	7458
Quality of Life- Rank	92	84	63	62	47	N/A
% Reporting poor or fair health, adults [#]			18	18	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	7.8	6.6	6.4	6.8	6.8	7.2
Health Factors- Rank	97	89	91	82	77	N/A
Health Behaviors- Rank	100	91	87	81	56	N/A
% Smokers, adults [#]			23	21	20	17
% Obese, adults age 20 and older [#]				37	36	36
Food environment index, 0 (worst) to 10 (best)	7.2	7.2	7.4	7.2	7.4	7
% Physically inactive, adults age 20 and older [#]				31	24	21
% Access to exercise opportunities [#]					82	80
% Excessive drinking, adults [#]			18	19	20	20
% Driving deaths with alcohol-involvement ^Δ	29	18	13	19	19	19
Sexually transmitted infection rate, per 100,000 population	348	300	282	280	261	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	25	22	21	18	18	22
Clinical Care- Rank	65	46	40	47	65	N/A
% Uninsured, population under age 65	7	7	7	9	9	10
Primary care physicians rate, per 100,000 population	49	55	49	44	44	79
Dentists rate, per 100,000 population	61	62	68	75	80	62
Mental health providers rate, per 100,000 population	135	142	162	169	185	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	6492	5497	4816	4978	4326	2708
% Mammography screening, Medicare females age 65-74	37	43	40	41	39	42
% Flu vaccinations, Medicare enrollees	26	27	30	33	35	51
Social & Economic Factors- Rank	92	91	93	86	86	N/A
% High school completion, adults age 25 and older [@]			93	93	94	92
% With some college, adults age 25-44	64	69	65	58	58	71
% Unemployed, population age 16 and older	5.2	4.6	5.2	6.9	3.8	3.2
% Children in poverty	19	18	17	15	17	14
Income inequality ratio, 80th to 20th percentile	4.8	4.8	4.5	4.5	4.2	4.4
% Children in single-parent households [#]			13	15	17	21
Membership associations rate, per 10,000 population	17.7	14.7	12.4	11.8	13.7	13.2
Injury death rate, per 100,000 population ^Δ	80	84	84	88	88	78
Physical Environment- Rank	46	53	89	62	61	N/A
Average daily density of fine particulate matter	9.7	9.7	7.6	8.5	7.9	6.7
Drinking water violations?	No	No	Yes	No	No	
% Households with severe housing problems	10	12	13	11	11	13
% Driving alone to work	77	75	79	82	82	79
% Long commute - driving alone	24	22	24	26	26	22

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Health Factors: Drivers with greatest impact on ranking, Atchison County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.8%	3.2%	-
2	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	4326	2708	-
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	20%	17%	-
4	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	9%	10%	+
5	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	17%	14%	-

Health Outcomes: Drivers with the greatest impact on ranking, Atchison County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7702	7458	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.8%	7.2%	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	+
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-

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Barber County



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82

Health Factors Rank

81

Health Outcomes Rank

Population: 4,110

County Health Rankings & Roadmaps

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20
23

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	63	55	58	78	81	N/A
Length of Life- Rank	79	38	39	90	90	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	8688			9840	9840	7458
Quality of Life- Rank	36	57	59	59	68	N/A
% Reporting poor or fair health, adults [#]			18	19	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	5	4
% Low birthweight, <2,500 grams ^Δ	5.9	6	5.8	5.8	5.8	7.2
Health Factors- Rank	71	68	78	89	82	N/A
Health Behaviors- Rank	65	35	65	82	83	N/A
% Smokers, adults [#]			22	21	21	17
% Obese, adults age 20 and older [#]				37	40	36
Food environment index, 0 (worst) to 10 (best)	8	7.9	7.9	7.7	7.7	7
% Physically inactive, adults age 20 and older [#]				32	26	21
% Access to exercise opportunities [#]					47	80
% Excessive drinking, adults [#]			18	19	19	20
% Driving deaths with alcohol-involvement ^Δ	33	20	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	207	218	414	339	339	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	39	38	28	26	26	22
Clinical Care- Rank	88	87	93	101	100	N/A
% Uninsured, population under age 65	11	14	14	14	13	10
Primary care physicians rate, per 100,000 population	43	44	45	45	46	79
Dentists rate, per 100,000 population						62
Mental health providers rate, per 100,000 population	22	22	23	23	24	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5899	4831	4821	5841	5042	2708
% Mammography screening, Medicare females age 65-74	38	37	35	36	28	42
% Flu vaccinations, Medicare enrollees	25	24	24	24	29	51
Social & Economic Factors- Rank	68	82	72	72	56	N/A
% High school completion, adults age 25 and older [@]			91	92	91	92
% With some college, adults age 25-44	56	57	62	60	60	71
% Unemployed, population age 16 and older	2.9	2.6	2.5	3.4	1.9	3.2
% Children in poverty	19	20	20	18	16	14
Income inequality ratio, 80th to 20th percentile	5.5	5.3	5.3	4.9	4.7	4.4
% Children in single-parent households [#]			23	21	18	21
Membership associations rate, per 10,000 population	40.5	28.3	29.1	27.1	25.2	13.2
Injury death rate, per 100,000 population ^Δ	121	98	104	124	124	78
Physical Environment- Rank	31	38	46	85	59	N/A
Average daily density of fine particulate matter	7.8	7.8	6.7	7.6	7.1	6.7
Drinking water violations?	No	No	No	Yes	No	
% Households with severe housing problems	8	10	10	9	10	13
% Driving alone to work	83	81	83	86	87	79
% Long commute - driving alone	22	23	25	28	26	22

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Health Factors: Drivers with greatest impact on ranking, Barber County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
2	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	5042	2708	-
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.9%	3.2%	+
4	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	124	78	-
5	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	40%	36%	-

Health Outcomes: Drivers with the greatest impact on ranking, Barber County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9840	7458	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.8%	7.2%	+
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-

NR: Measure could not be reported for this county.

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Barton County



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78

71

Health Factors Rank

Health Outcomes Rank

Population: 25,216

County Health Rankings & Roadmaps

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2023

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	70	56	59	74	71	N/A
Length of Life- Rank	34	30	33	74	74	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7474	7475	7405	8663	8663	7458
Quality of Life- Rank	90	74	76	73	74	N/A
% Reporting poor or fair health, adults [#]			19	20	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	4	4
% Low birthweight, <2,500 grams ^Δ	6.9	6.6	7	6.9	6.9	7.2
Health Factors- Rank	81	86	74	70	78	N/A
Health Behaviors- Rank	81	83	76	61	51	N/A
% Smokers, adults [#]			21	19	20	17
% Obese, adults age 20 and older [#]				37	36	36
Food environment index, 0 (worst) to 10 (best)	7.6	7.5	7.3	7	7.2	7
% Physically inactive, adults age 20 and older [#]				32	25	21
% Access to exercise opportunities [#]					81	80
% Excessive drinking, adults [#]			18	18	17	20
% Driving deaths with alcohol-involvement ^Δ	14	16	15	6	6	19
Sexually transmitted infection rate, per 100,000 population	358	389	336	485	384	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	37	34	32	32	32	22
Clinical Care- Rank	55	64	52	57	64	N/A
% Uninsured, population under age 65	12	13	12	13	13	10
Primary care physicians rate, per 100,000 population	56	53	57	58	55	79
Dentists rate, per 100,000 population	45	50	47	55	56	62
Mental health providers rate, per 100,000 population	215	226	237	249	250	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4126	4460	3755	4015	2712	2708
% Mammography screening, Medicare females age 65-74	42	41	40	44	36	42
% Flu vaccinations, Medicare enrollees	32	31	32	31	32	51
Social & Economic Factors- Rank	83	86	78	76	88	N/A
% High school completion, adults age 25 and older [@]			89	89	89	92
% With some college, adults age 25-44	56	58	61	60	59	71
% Unemployed, population age 16 and older	3.6	3.3	3.1	4.6	2.9	3.2
% Children in poverty	19	19	17	15	22	14
Income inequality ratio, 80th to 20th percentile	4.3	4.4	4.4	4.4	4.2	4.4
% Children in single-parent households [#]			23	25	26	21
Membership associations rate, per 10,000 population	21.3	20.4	19.1	20.6	19.9	13.2
Injury death rate, per 100,000 population ^Δ	77	75	81	83	83	78
Physical Environment- Rank	40	46	34	42	67	N/A
Average daily density of fine particulate matter	7.9	7.9	6.1	7.1	6.5	6.7
Drinking water violations?	No	No	No	No	Yes	
% Households with severe housing problems	12	12	12	11	10	13
% Driving alone to work	82	84	84	86	83	79
% Long commute - driving alone	12	11	10	11	10	22

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, Barton County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	22%	14%	-
2	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	20%	17%	-
3	Excessive Drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	Health Behaviors	17%	20%	+
4	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.9%	3.2%	-
5	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	36%	36%	+

Health Outcomes: Drivers with the greatest impact on ranking, Barton County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.9%	7.2%	-
4	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	8663	7458	-
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

NR: Measure could not be reported for this county.

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Bourbon County



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83

Health Factors Rank

82

Health Outcomes Rank

Population: 14,323

County Health
Rankings & Roadmaps

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20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	86	93	90	95	82	N/A
Length of Life- Rank	82	78	80	78	78	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	8921	8591	8683	9254	9254	7458
Quality of Life- Rank	81	100	99	98	85	N/A
% Reporting poor or fair health, adults [#]			19	20	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	4	4
% Low birthweight, <2,500 grams ^Δ	6	7.3	6.9	7.4	7.4	7.2
Health Factors- Rank	98	91	92	87	83	N/A
Health Behaviors- Rank	101	92	92	90	88	N/A
% Smokers, adults [#]			23	20	21	17
% Obese, adults age 20 and older [#]				40	40	36
Food environment index, 0 (worst) to 10 (best)	7.1	7.1	6.9	6.7	7.1	7
% Physically inactive, adults age 20 and older [#]				31	25	21
% Access to exercise opportunities [#]					47	80
% Excessive drinking, adults [#]			17	18	18	20
% Driving deaths with alcohol-involvement ^Δ	27	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	381	325	285	310	427	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	48	43	38	36	36	22
Clinical Care- Rank	46	32	25	34	23	N/A
% Uninsured, population under age 65	10	10	10	11	10	10
Primary care physicians rate, per 100,000 population	68	54	48	55	55	79
Dentists rate, per 100,000 population	27	27	28	28	28	62
Mental health providers rate, per 100,000 population	75	55	69	69	77	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5649	4004	3250	3487	2187	2708
% Mammography screening, Medicare females age 65-74	41	45	47	43	43	42
% Flu vaccinations, Medicare enrollees	47	47	51	44	49	51
Social & Economic Factors- Rank	98	98	97	94	95	N/A
% High school completion, adults age 25 and older [@]			91	91	90	92
% With some college, adults age 25-44	60	62	59	56	60	71
% Unemployed, population age 16 and older	4.5	4.2	4.2	5.6	3.7	3.2
% Children in poverty	26	23	22	21	22	14
Income inequality ratio, 80th to 20th percentile	4.6	4.6	4.3	4.2	4.1	4.4
% Children in single-parent households [#]			18	14	16	21
Membership associations rate, per 10,000 population	17.1	14.2	15	15.1	13.2	13.2
Injury death rate, per 100,000 population ^Δ	72	68	70	73	73	78
Physical Environment- Rank	52	54	77	41	51	N/A
Average daily density of fine particulate matter	9.5	9.5	7.6	8.3	8	6.7
Drinking water violations?	No	No	Yes	No	No	
% Households with severe housing problems	12	13	12	13	13	13
% Driving alone to work	79	76	76	76	76	79
% Long commute - driving alone	20	21	20	21	22	22

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?

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Health Factors: Drivers with greatest impact on ranking, Bourbon County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.7%	3.2%	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	22%	14%	-
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
4	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	40%	36%	-
5	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	73	78	+

Health Outcomes: Drivers with the greatest impact on ranking, Bourbon County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9254	7458	-
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.4%	7.2%	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

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Brown County



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84

76

Health Factors Rank

Health Outcomes Rank

Population: 9,455

County Health Rankings & Roadmaps

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2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	67	78	85	69	76	N/A
Length of Life- Rank	44	98	94	82	82	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7916	9985	10060	9546	9546	7458
Quality of Life- Rank	72	34	50	52	64	N/A
% Reporting poor or fair health, adults [#]			18	19	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	5	4
% Low birthweight, <2,500 grams ^Δ	5.9	5.4	5.2	5.7	5.7	7.2
Health Factors- Rank	69	70	76	77	84	N/A
Health Behaviors- Rank	82	82	95	95	98	N/A
% Smokers, adults [#]			21	20	22	17
% Obese, adults age 20 and older [#]				41	38	36
Food environment index, 0 (worst) to 10 (best)	7.9	7.9	7.9	6.9	6.9	7
% Physically inactive, adults age 20 and older [#]				31	27	21
% Access to exercise opportunities [#]					60	80
% Excessive drinking, adults [#]			18	18	19	20
% Driving deaths with alcohol-involvement ^Δ	23	21	29	35	35	19
Sexually transmitted infection rate, per 100,000 population	225	249	249	366	387	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	45	40	38	34	34	22
Clinical Care- Rank	12	17	28	75	82	N/A
% Uninsured, population under age 65	11	11	10	11	12	10
Primary care physicians rate, per 100,000 population	124	104	104	94	95	79
Dentists rate, per 100,000 population	41	42	52	53	53	62
Mental health providers rate, per 100,000 population	311	344	335	337	349	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	2592	2321	3037	7173	4983	2708
% Mammography screening, Medicare females age 65-74	41	38	36	45	37	42
% Flu vaccinations, Medicare enrollees	29	26	28	28	29	51
Social & Economic Factors- Rank	74	72	74	64	68	N/A
% High school completion, adults age 25 and older [@]			93	93	94	92
% With some college, adults age 25-44	59	62	61	63	62	71
% Unemployed, population age 16 and older	3.2	3	3.2	4.5	2.7	3.2
% Children in poverty	21	20	21	16	19	14
Income inequality ratio, 80th to 20th percentile	3.4	3.6	3.5	3.3	3.6	4.4
% Children in single-parent households [#]			25	25	21	21
Membership associations rate, per 10,000 population	21.7	23.9	22.9	22	21.1	13.2
Injury death rate, per 100,000 population ^Δ	76	85	93	106	106	78
Physical Environment- Rank	83	82	70	39	39	N/A
Average daily density of fine particulate matter	9.4	9.4	7.4	8.4	7.7	6.7
Drinking water violations?	Yes	Yes	Yes	No	No	
% Households with severe housing problems	11	9	9	10	10	13
% Driving alone to work	81	81	79	79	78	79
% Long commute - driving alone	19	20	20	17	16	22

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.

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Health Factors: Drivers with greatest impact on ranking, Brown County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	22%	17%	-
2	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	4983	2708	-
3	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	19%	14%	-
4	Flu Vaccinations	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	Clinical Care	29%	51%	-
5	Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	Health Behaviors	35%	19%	-

Health Outcomes: Drivers with the greatest impact on ranking, Brown County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9546	7458	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.7%	7.2%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-

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Butler County



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44

Health Factors Rank

43

Health Outcomes Rank

Population: 67,889

County Health Rankings & Roadmaps

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20
23

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	33	50	20	20	43	N/A
Length of Life- Rank	27	29	25	31	31	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7221	7385	6972	7575	7575	7458
Quality of Life- Rank	56	69	38	26	54	N/A
% Reporting poor or fair health, adults [#]			16	16	12	13
Average number of poor physical health days, adults [#]			4	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7	7.1	7.1	7.1	7.1	7.2
Health Factors- Rank	55	41	24	39	44	N/A
Health Behaviors- Rank	80	47	13	9	31	N/A
% Smokers, adults [#]			19	17	18	17
% Obese, adults age 20 and older [#]				35	38	36
Food environment index, 0 (worst) to 10 (best)	7.9	7.9	8	8.1	8	7
% Physically inactive, adults age 20 and older [#]				28	22	21
% Access to exercise opportunities [#]					64	80
% Excessive drinking, adults [#]			17	19	20	20
% Driving deaths with alcohol-involvement ^Δ	22	17	22	24	24	19
Sexually transmitted infection rate, per 100,000 population	256	295	289	344	345	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	19	19	17	16	16	22
Clinical Care- Rank	22	25	22	17	16	N/A
% Uninsured, population under age 65	8	8	8	9	9	10
Primary care physicians rate, per 100,000 population	69	63	66	66	75	79
Dentists rate, per 100,000 population	28	27	28	27	27	62
Mental health providers rate, per 100,000 population	106	118	120	116	125	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4036	3928	3823	3235	2374	2708
% Mammography screening, Medicare females age 65-74	38	38	39	38	37	42
% Flu vaccinations, Medicare enrollees	47	49	51	51	55	51
Social & Economic Factors- Rank	40	39	29	53	46	N/A
% High school completion, adults age 25 and older [@]			92	93	94	92
% With some college, adults age 25-44	73	72	72	72	73	71
% Unemployed, population age 16 and older	3.8	3.5	3.2	6.5	3.5	3.2
% Children in poverty	12	12	10	9	11	14
Income inequality ratio, 80th to 20th percentile	4	4	3.9	4.1	4	4.4
% Children in single-parent households [#]			17	16	15	21
Membership associations rate, per 10,000 population	12.5	12.3	12	12	11.3	13.2
Injury death rate, per 100,000 population ^Δ	76	74	73	81	81	78
Physical Environment- Rank	93	76	101	99	103	N/A
Average daily density of fine particulate matter	9.6	9.6	7.9	8.5	8.1	6.7
Drinking water violations?	Yes	No	Yes	Yes	Yes	
% Households with severe housing problems	11	12	13	13	13	13
% Driving alone to work	85	84	84	83	84	79
% Long commute - driving alone	33	33	35	36	36	22

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Health Factors: Drivers with greatest impact on ranking, Butler County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.5%	3.2%	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	11%	14%	+
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
4	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	9%	10%	+
5	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	73%	71%	+

Health Outcomes: Drivers with the greatest impact on ranking, Butler County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7575	7458	+
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.1%	7.2%	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-

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TAKE ACTION TO IMPROVE HEALTH IN YOUR COMMUNITY

Chase County

49

Health Factors Rank

40

Health Outcomes Rank

Population: 2,598



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Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	31	54	53	48	40	N/A
Length of Life- Rank	28	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7275					7458
Quality of Life- Rank	49	54	51	48	27	N/A
% Reporting poor or fair health, adults [#]			17	17	12	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ						7.2
Health Factors- Rank	24	37	50	61	49	N/A
Health Behaviors- Rank	28	37	74	56	40	N/A
% Smokers, adults [#]			20	18	18	17
% Obese, adults age 20 and older [#]				35	36	36
Food environment index, 0 (worst) to 10 (best)	5.3	5.4	5.3	5.5	5.7	7
% Physically inactive, adults age 20 and older [#]				30	22	21
% Access to exercise opportunities [#]					65	80
% Excessive drinking, adults [#]			18	19	20	20
% Driving deaths with alcohol-involvement ^Δ	15	23	12	21	21	19
Sexually transmitted infection rate, per 100,000 population		186	224			502
Teen birth rate, per 1,000 females age 15-19 ^Δ						22
Clinical Care- Rank	36	13	12	51	36	N/A
% Uninsured, population under age 65	10	10	10	12	10	10
Primary care physicians rate, per 100,000 population						79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3061	2063	2321	4425	2836	2708
% Mammography screening, Medicare females age 65-74	42	53	50	45	44	42
% Flu vaccinations, Medicare enrollees	33	37	40	42	45	51
Social & Economic Factors- Rank	22	52	54	66	51	N/A
% High school completion, adults age 25 and older [@]			92	94	93	92
% With some college, adults age 25-44	68	64	66	68	63	71
% Unemployed, population age 16 and older	2.6	2.6	2.8	5.5	2.4	3.2
% Children in poverty	15	13	16	13	15	14
Income inequality ratio, 80th to 20th percentile	4.5	4.3	4.1	4	3.5	4.4
% Children in single-parent households [#]			21	18	19	21
Membership associations rate, per 10,000 population	15	0	0	0	0	13.2
Injury death rate, per 100,000 population ^Δ	74	112	105	98	98	78
Physical Environment- Rank	28	55	53	61	73	N/A
Average daily density of fine particulate matter	8.6	8.6	6.9	7.9	7.7	6.7
Drinking water violations?	No	Yes	Yes	Yes	Yes	
% Households with severe housing problems	9	10	8	10	10	13
% Driving alone to work	74	72	75	74	75	79
% Long commute - driving alone	29	29	30	32	30	22

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, Chase County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
2	Social Associations	Number of membership associations per 10,000 population.	Social and Economic Environment	0	13.2	-
3	Food Environment Index	Index of factors that contribute to a healthy food environment, from 0 (worst) to 10 (best).	Health Behaviors	5.7	7	-
4	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	10%	10%	+
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	NR	-

Health Outcomes: Drivers with the greatest impact on ranking, Chase County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	NR	7.2%	NR
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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102

Health Factors Rank

98

Health Outcomes Rank

Population: 3,395

2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	102	102	95	97	98	N/A
Length of Life- Rank	101	103	87	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	12545	13156	9345			7458
Quality of Life- Rank	69	36	101	102	103	N/A
% Reporting poor or fair health, adults [#]			21	21	18	13
Average number of poor physical health days, adults [#]			4	4	4	3
Average number of poor mental health days, adults [#]			5	5	5	4
% Low birthweight, <2,500 grams ^Δ	6.1	5.4	7.2	7.8	7.8	7.2
Health Factors- Rank	96	94	99	102	102	N/A
Health Behaviors- Rank	73	57	98	104	103	N/A
% Smokers, adults [#]			24	22	24	17
% Obese, adults age 20 and older [#]				40	41	36
Food environment index, 0 (worst) to 10 (best)	6.7	6.7	6.3	5.9	5.8	7
% Physically inactive, adults age 20 and older [#]				34	28	21
% Access to exercise opportunities [#]					3	80
% Excessive drinking, adults [#]			19	19	19	20
% Driving deaths with alcohol-involvement ^Δ	13	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	265	327	238	185	431	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	33	32	37	31	31	22
Clinical Care- Rank	93	94	77	93	75	N/A
% Uninsured, population under age 65	16	16	15	16	15	10
Primary care physicians rate, per 100,000 population	30	30				79
Dentists rate, per 100,000 population	30	30	62	62	59	62
Mental health providers rate, per 100,000 population				31	29	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4099	4310	2924	3870	1988	2708
% Mammography screening, Medicare females age 65-74	30	28	24	23	19	42
% Flu vaccinations, Medicare enrollees	32	30	32	31	36	51
Social & Economic Factors- Rank	100	99	99	101	101	N/A
% High school completion, adults age 25 and older [@]			87	86	88	92
% With some college, adults age 25-44	56	56	61	61	62	71
% Unemployed, population age 16 and older	4.7	4	3.9	6.1	4	3.2
% Children in poverty	25	27	25	26	24	14
Income inequality ratio, 80th to 20th percentile	3.8	4	4.2	3.8	3.7	4.4
% Children in single-parent households [#]			22	23	21	21
Membership associations rate, per 10,000 population	23.7	17.8	15.1	15.4	15.5	13.2
Injury death rate, per 100,000 population ^Δ	128	118	102	91	91	78
Physical Environment- Rank	67	78	44	57	86	N/A
Average daily density of fine particulate matter	9.1	9.1	7.6	8.7	8.2	6.7
Drinking water violations?	Yes	Yes	No	No	Yes	
% Households with severe housing problems	11	12	11	11	10	13
% Driving alone to work	75	76	75	77	77	79
% Long commute - driving alone	29	30	34	35	31	22

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.

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Health Factors: Drivers with greatest impact on ranking, Chautauqua County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	24%	17%	-
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	4%	3.2%	-
3	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	24%	14%	-
4	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	41%	36%	-
5	Mammography Screening	Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening.	Clinical Care	19%	42%	-

Health Outcomes: Drivers with the greatest impact on ranking, Chautauqua County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	3	-
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	18%	13%	-
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.8%	7.2%	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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95

Health Factors Rank

100

Health Outcomes Rank

Population: 19,130

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	88	100	102	101	100	N/A
Length of Life- Rank	83	97	95	101	101	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	8979	9887	10406	11079	11079	7458
Quality of Life- Rank	86	101	103	103	101	N/A
% Reporting poor or fair health, adults [#]			19	20	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	5	4
% Low birthweight, <2,500 grams ^Δ	8	8.1	8.6	8.9	8.9	7.2
Health Factors- Rank	91	98	96	98	95	N/A
Health Behaviors- Rank	99	102	99	101	92	N/A
% Smokers, adults [#]			23	21	22	17
% Obese, adults age 20 and older [#]				37	36	36
Food environment index, 0 (worst) to 10 (best)	7.7	7.7	7.4	6.2	6.3	7
% Physically inactive, adults age 20 and older [#]				31	26	21
% Access to exercise opportunities [#]					54	80
% Excessive drinking, adults [#]			18	20	19	20
% Driving deaths with alcohol-involvement ^Δ	25	27	17	14	14	19
Sexually transmitted infection rate, per 100,000 population	307	328	333	426	351	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	43	39	36	34	34	22
Clinical Care- Rank	60	67	71	64	59	N/A
% Uninsured, population under age 65	11	11	11	11	10	10
Primary care physicians rate, per 100,000 population	20	25	25	25	20	79
Dentists rate, per 100,000 population	35	25	30	25	26	62
Mental health providers rate, per 100,000 population	139	145	145	152	162	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3529	5063	5521	4616	2804	2708
% Mammography screening, Medicare females age 65-74	34	38	39	40	32	42
% Flu vaccinations, Medicare enrollees	40	40	43	41	44	51
Social & Economic Factors- Rank	81	87	87	95	87	N/A
% High school completion, adults age 25 and older [@]			90	88	88	92
% With some college, adults age 25-44	64	65	64	59	57	71
% Unemployed, population age 16 and older	3.9	3.8	3.4	5.2	2.9	3.2
% Children in poverty	24	23	21	20	20	14
Income inequality ratio, 80th to 20th percentile	4.2	4.2	4.4	4.7	4.3	4.4
% Children in single-parent households [#]			23	24	18	21
Membership associations rate, per 10,000 population	16.3	11.9	11.5	11.5	11.7	13.2
Injury death rate, per 100,000 population ^Δ	87	97	89	90	90	78
Physical Environment- Rank	69	68	76	97	99	N/A
Average daily density of fine particulate matter	9.9	9.9	8.6	9.3	8.8	6.7
Drinking water violations?	No	No	No	Yes	Yes	
% Households with severe housing problems	11	10	11	10	10	13
% Driving alone to work	85	84	83	83	84	79
% Long commute - driving alone	20	22	23	21	24	22

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Health Factors: Drivers with greatest impact on ranking, Cherokee County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	22%	17%	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	20%	14%	-
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.9%	3.2%	-
4	Air Pollution - Particulate Matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	Physical Environment	8.8	6.7	-
5	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	57%	71%	-

Health Outcomes: Drivers with the greatest impact on ranking, Cherokee County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	11079	7458	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	8.9%	7.2%	-
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-

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39

62

Health Factors Rank

Health Outcomes Rank

Population: 2,633

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2023

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	47	66	42	55	62	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	43	75	36	54	61	N/A
% Reporting poor or fair health, adults [#]			16	18	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7	7.5	6.8	7	7	7.2
Health Factors- Rank	20	29	36	36	39	N/A
Health Behaviors- Rank	7	19	28	25	32	N/A
% Smokers, adults [#]			20	18	19	17
% Obese, adults age 20 and older [#]				36	37	36
Food environment index, 0 (worst) to 10 (best)	8.6	8.4	8.4	7.9	8	7
% Physically inactive, adults age 20 and older [#]				30	24	21
% Access to exercise opportunities [#]					57	80
% Excessive drinking, adults [#]			19	19	19	20
% Driving deaths with alcohol-involvement ^Δ	0	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population				188		502
Teen birth rate, per 1,000 females age 15-19 ^Δ	34	32	34	29	29	22
Clinical Care- Rank	68	86	88	85	72	N/A
% Uninsured, population under age 65	12	14	14	16	12	10
Primary care physicians rate, per 100,000 population	75	37		38	38	79
Dentists rate, per 100,000 population	75	75	75	77	76	62
Mental health providers rate, per 100,000 population	37	38	38	38	38	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4117	5549	4868	3429	3429	2708
% Mammography screening, Medicare females age 65-74	31	29	27	29	27	42
% Flu vaccinations, Medicare enrollees	30	36	36	37	48	51
Social & Economic Factors- Rank	47	36	43	39	54	N/A
% High school completion, adults age 25 and older [@]			94	93	92	92
% With some college, adults age 25-44	65	62	67	72	71	71
% Unemployed, population age 16 and older	2.6	2.4	2.4	2.2	1.8	3.2
% Children in poverty	20	20	18	20	21	14
Income inequality ratio, 80th to 20th percentile	4.5	4.5	4.8	4.6	5.2	4.4
% Children in single-parent households [#]			19	26	26	21
Membership associations rate, per 10,000 population	30.1	22.4	30.1	33.9	34.6	13.2
Injury death rate, per 100,000 population ^Δ	89	97	97	98	98	78
Physical Environment- Rank	2	5	6	4	4	N/A
Average daily density of fine particulate matter	6.2	6.2	5.1	5.7	5.1	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	6	6	6	7	6	13
% Driving alone to work	72	76	76	75	76	79
% Long commute - driving alone	14	12	14	15	16	22

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Health Factors: Drivers with greatest impact on ranking, Cheyenne County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.8%	3.2%	+
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	21%	14%	-
3	Income Inequality	Ratio of household income at the 80th percentile to income at the 20th percentile.	Social and Economic Environment	5.2	4.4	-
4	Social Associations	Number of membership associations per 10,000 population.	Social and Economic Environment	34.6	13.2	+
5	Air Pollution - Particulate Matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	Physical Environment	5.1	6.7	+

Health Outcomes: Drivers with the greatest impact on ranking, Cheyenne County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7%	7.2%	-
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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Clark County

30

Health Factors Rank

29

Health Outcomes Rank

Population: 1,977



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2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	92	77	60	41	29	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	101	87	62	31	19	N/A
% Reporting poor or fair health, adults [#]			16	17	12	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	9.9	8	8.1	7	7	7.2
Health Factors- Rank	45	45	39	15	30	N/A
Health Behaviors- Rank	64	41	30	33	14	N/A
% Smokers, adults [#]			19	17	17	17
% Obese, adults age 20 and older [#]				36	36	36
Food environment index, 0 (worst) to 10 (best)	5.6	5.7	5.6	5.2	5.4	7
% Physically inactive, adults age 20 and older [#]				30	23	21
% Access to exercise opportunities [#]					41	80
% Excessive drinking, adults [#]			18	20	19	20
% Driving deaths with alcohol-involvement ^Δ	0	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population						502
Teen birth rate, per 1,000 females age 15-19 ^Δ	25	21	22	22	22	22
Clinical Care- Rank	48	28	41	20	11	N/A
% Uninsured, population under age 65	11	12	12	11	10	10
Primary care physicians rate, per 100,000 population	48	200	299	251	255	79
Dentists rate, per 100,000 population	0	0	0	0	51	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	2737	2854	4549	3399	2360	2708
% Mammography screening, Medicare females age 65-74	41	38	38	42	40	42
% Flu vaccinations, Medicare enrollees	29	29	28	29	29	51
Social & Economic Factors- Rank	27	49	50	17	58	N/A
% High school completion, adults age 25 and older [@]			95	94	94	92
% With some college, adults age 25-44	68	68	70	76	77	71
% Unemployed, population age 16 and older	2.5	2.4	2.3	2	1.8	3.2
% Children in poverty	19	20	18	14	19	14
Income inequality ratio, 80th to 20th percentile	3.4	4.1	3.8	3.6	3.8	4.4
% Children in single-parent households [#]			34	27	24	21
Membership associations rate, per 10,000 population	38.6	34.9	34.9	30.1	25.5	13.2
Injury death rate, per 100,000 population ^Δ	114	145	177	189	189	78
Physical Environment- Rank	70	65	50	51	49	N/A
Average daily density of fine particulate matter	7.1	7.1	5.7	6.8	6.3	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	16	15	12	13	11	13
% Driving alone to work	79	78	77	75	75	79
% Long commute - driving alone	28	25	23	23	24	22

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.

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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, Clark County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	189	78	-
2	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	17%	17%	+
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.8%	3.2%	+
4	Primary Care Physicians	Ratio of population to primary care physicians.	Clinical Care	255	79	+
5	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	19%	14%	-

Health Outcomes: Drivers with the greatest impact on ranking, Clark County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7%	7.2%	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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Clay County

29

Health Factors Rank

22

Health Outcomes Rank

Population: 8,077



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2023

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	48	38	16	26	22	N/A
Length of Life- Rank	73	31	22	26	26	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	8200	7610	6778	7410	7410	7458
Quality of Life- Rank	35	59	21	36	35	N/A
% Reporting poor or fair health, adults [#]			15	16	12	13
Average number of poor physical health days, adults [#]			3	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7.1	7.4	7.3	7.2	7.2	7.2
Health Factors- Rank	10	10	16	22	29	N/A
Health Behaviors- Rank	13	4	10	26	35	N/A
% Smokers, adults [#]			19	17	18	17
% Obese, adults age 20 and older [#]				37	39	36
Food environment index, 0 (worst) to 10 (best)	7.9	7.9	8	7.7	7.9	7
% Physically inactive, adults age 20 and older [#]				27	21	21
% Access to exercise opportunities [#]					56	80
% Excessive drinking, adults [#]			19	20	21	20
% Driving deaths with alcohol-involvement ^Δ	13	11	13	13	13	19
Sexually transmitted infection rate, per 100,000 population	132	214	113	287	250	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	25	22	18	17	17	22
Clinical Care- Rank	9	15	29	28	28	N/A
% Uninsured, population under age 65	7	8	9	10	11	10
Primary care physicians rate, per 100,000 population	123	126	125	125	137	79
Dentists rate, per 100,000 population	50	50	37	37	37	62
Mental health providers rate, per 100,000 population	75	88	75	75	99	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4227	5142	5360	4996	3452	2708
% Mammography screening, Medicare females age 65-74	47	47	46	44	43	42
% Flu vaccinations, Medicare enrollees	32	38	41	40	45	51
Social & Economic Factors- Rank	34	40	38	23	30	N/A
% High school completion, adults age 25 and older [@]			93	94	94	92
% With some college, adults age 25-44	72	73	67	73	70	71
% Unemployed, population age 16 and older	3.8	3.2	3.2	4.5	2.6	3.2
% Children in poverty	15	17	15	13	13	14
Income inequality ratio, 80th to 20th percentile	3.6	3.6	3.9	4.2	4.3	4.4
% Children in single-parent households [#]			15	14	23	21
Membership associations rate, per 10,000 population	31.9	26.4	28.8	28.7	29.9	13.2
Injury death rate, per 100,000 population ^Δ	90	88	74	82	82	78
Physical Environment- Rank	34	44	42	49	38	N/A
Average daily density of fine particulate matter	8.3	8.3	6.8	7.7	7.1	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	8	9	10	9	8	13
% Driving alone to work	81	82	82	85	82	79
% Long commute - driving alone	25	26	25	27	27	22

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.

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Health Factors: Drivers with greatest impact on ranking, Clay County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
2	Primary Care Physicians	Ratio of population to primary care physicians.	Clinical Care	137	79	+
3	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	13%	14%	+
4	Excessive Drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	Health Behaviors	21%	20%	-
5	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	39%	36%	-

Health Outcomes: Drivers with the greatest impact on ranking, Clay County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7410	7458	+
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.2%	7.2%	-
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+

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Cloud County

53

Health Factors Rank

26

Health Outcomes Rank

Population: 8,928



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2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	54	48	75	37	26	N/A
Length of Life- Rank	41	75	83	33	33	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7803	8286	8982	7626	7626	7458
Quality of Life- Rank	58	38	56	45	34	N/A
% Reporting poor or fair health, adults [#]			19	18	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	4	4
% Low birthweight, <2,500 grams ^Δ	5.6	5.6	5.6	5.7	5.7	7.2
Health Factors- Rank	77	84	68	55	53	N/A
Health Behaviors- Rank	77	96	73	68	72	N/A
% Smokers, adults [#]			21	19	20	17
% Obese, adults age 20 and older [#]				37	39	36
Food environment index, 0 (worst) to 10 (best)	7.2	7.2	7.2	7.1	7.3	7
% Physically inactive, adults age 20 and older [#]				31	24	21
% Access to exercise opportunities [#]					80	80
% Excessive drinking, adults [#]			18	19	19	20
% Driving deaths with alcohol-involvement ^Δ	21	18	14	27	27	19
Sexually transmitted infection rate, per 100,000 population	239	434	311	319	228	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	28	27	27	25	25	22
Clinical Care- Rank	67	59	67	53	34	N/A
% Uninsured, population under age 65	10	9	9	10	9	10
Primary care physicians rate, per 100,000 population	44	44	46	46	58	79
Dentists rate, per 100,000 population	33	34	34	35	34	62
Mental health providers rate, per 100,000 population	189	183	171	185	190	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5566	5937	6412	5153	2785	2708
% Mammography screening, Medicare females age 65-74	41	46	45	48	43	42
% Flu vaccinations, Medicare enrollees	29	32	35	34	38	51
Social & Economic Factors- Rank	82	75	64	48	40	N/A
% High school completion, adults age 25 and older [@]			93	94	95	92
% With some college, adults age 25-44	66	65	64	65	67	71
% Unemployed, population age 16 and older	4.4	3.5	3.2	4.1	2.8	3.2
% Children in poverty	17	18	18	15	17	14
Income inequality ratio, 80th to 20th percentile	3.6	3.9	4	3.3	3.5	4.4
% Children in single-parent households [#]			22	20	18	21
Membership associations rate, per 10,000 population	35	31.1	33.2	30.7	31.2	13.2
Injury death rate, per 100,000 population ^Δ	87	90	89	97	97	78
Physical Environment- Rank	30	43	33	40	42	N/A
Average daily density of fine particulate matter	8.1	8.1	6.6	7.5	6.7	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	10	11	9	9	10	13
% Driving alone to work	80	82	83	86	86	79
% Long commute - driving alone	17	17	16	17	16	22

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Health Factors: Drivers with greatest impact on ranking, Cloud County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	20%	17%	-
2	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	9%	10%	+
3	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	95%	92%	+
4	Social Associations	Number of membership associations per 10,000 population.	Social and Economic Environment	31.2	13.2	+
5	Driving Alone to Work	Percentage of the workforce that drives alone to work.	Physical Environment	86%	79%	-

Health Outcomes: Drivers with the greatest impact on ranking, Cloud County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.7%	7.2%	+
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7626	7458	+
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	+

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Coffey County

46

Health Factors Rank

18

Health Outcomes Rank

Population: 8,338



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2023

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	16	11	31	15	18	N/A
Length of Life- Rank	18	12	73	37	37	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6792	6424	8110	7754	7754	7458
Quality of Life- Rank	27	17	20	19	21	N/A
% Reporting poor or fair health, adults [#]			16	16	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.5	5.8	6.1	5.7	5.7	7.2
Health Factors- Rank	52	53	57	21	46	N/A
Health Behaviors- Rank	26	33	43	23	29	N/A
% Smokers, adults [#]			19	18	19	17
% Obese, adults age 20 and older [#]				36	36	36
Food environment index, 0 (worst) to 10 (best)	7.3	7.3	7.3	6.6	6.8	7
% Physically inactive, adults age 20 and older [#]				27	23	21
% Access to exercise opportunities [#]					49	80
% Excessive drinking, adults [#]			19	19	19	20
% Driving deaths with alcohol-involvement ^Δ	11	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	119	122	207	220	293	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	18	18	17	17	17	22
Clinical Care- Rank	14	22	17	4	18	N/A
% Uninsured, population under age 65	7	8	7	8	8	10
Primary care physicians rate, per 100,000 population	83	85	73	86	86	79
Dentists rate, per 100,000 population	49	49	37	49	48	62
Mental health providers rate, per 100,000 population	122	146	147	147	144	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4182	4901	3575	1906	2272	2708
% Mammography screening, Medicare females age 65-74	44	47	43	49	38	42
% Flu vaccinations, Medicare enrollees	37	40	38	41	42	51
Social & Economic Factors- Rank	77	83	81	49	66	N/A
% High school completion, adults age 25 and older [@]			93	93	94	92
% With some college, adults age 25-44	66	72	72	70	69	71
% Unemployed, population age 16 and older	5.3	4.8	4.5	5.2	3.2	3.2
% Children in poverty	13	15	12	11	13	14
Income inequality ratio, 80th to 20th percentile	4.4	4.7	4.8	4.2	4.3	4.4
% Children in single-parent households [#]			26	23	24	21
Membership associations rate, per 10,000 population	19	9.7	10.9	12.2	12.3	13.2
Injury death rate, per 100,000 population ^Δ	93	86	106	99	99	78
Physical Environment- Rank	84	61	60	65	68	N/A
Average daily density of fine particulate matter	9.2	9.2	7.2	8.5	8.1	6.7
Drinking water violations?	Yes	No	No	No	No	
% Households with severe housing problems	10	10	11	11	11	13
% Driving alone to work	82	84	84	82	82	79
% Long commute - driving alone	26	26	29	28	28	22

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Health Factors: Drivers with greatest impact on ranking, Coffey County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.2%	3.2%	-
2	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	8%	10%	+
3	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	13%	14%	+
4	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	36%	36%	+
5	Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	Health Behaviors	0%	19%	+

Health Outcomes: Drivers with the greatest impact on ranking, Coffey County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.7%	7.2%	+
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7754	7458	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

NR: Measure could not be reported for this county.

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24

Health Factors Rank

46

Health Outcomes Rank

Population: 1,670

20
23

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	40	29	25	42	46	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	37	16	16	33	39	N/A
% Reporting poor or fair health, adults [#]			14	16	12	13
Average number of poor physical health days, adults [#]			3	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7.9					7.2
Health Factors- Rank	11	12	7	33	24	N/A
Health Behaviors- Rank	4	2	6	20	25	N/A
% Smokers, adults [#]			18	18	18	17
% Obese, adults age 20 and older [#]				36	38	36
Food environment index, 0 (worst) to 10 (best)	8.5	8.6	8.7	8.3	8.3	7
% Physically inactive, adults age 20 and older [#]				30	22	21
% Access to exercise opportunities [#]					44	80
% Excessive drinking, adults [#]			21	19	20	20
% Driving deaths with alcohol-involvement ^Δ	0	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	217					502
Teen birth rate, per 1,000 females age 15-19 ^Δ						22
Clinical Care- Rank	42	49	19	37	13	N/A
% Uninsured, population under age 65	12	15	13	14	11	10
Primary care physicians rate, per 100,000 population	107	112	114	118	118	79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	6095	6156	3071	4183	2514	2708
% Mammography screening, Medicare females age 65-74	48	57	51	48	50	42
% Flu vaccinations, Medicare enrollees	46	47	53	49	50	51
Social & Economic Factors- Rank	20	35	45	51	44	N/A
% High school completion, adults age 25 and older [@]			94	96	96	92
% With some college, adults age 25-44	62	63	67	62	69	71
% Unemployed, population age 16 and older	2.9	2.5	2.6	3.5	2.1	3.2
% Children in poverty	16	15	15	17	14	14
Income inequality ratio, 80th to 20th percentile	3.8	3.8	4.3	4	4.2	4.4
% Children in single-parent households [#]			27	25	24	21
Membership associations rate, per 10,000 population	59.1	44.7	45.8	47.1	35.5	13.2
Injury death rate, per 100,000 population ^Δ	149	152	168	159	159	78
Physical Environment- Rank	37	42	18	21	33	N/A
Average daily density of fine particulate matter	7.2	7.2	5.9	7	6.6	6.7
Drinking water violations?	Yes	Yes	No	No	No	
% Households with severe housing problems	4	5	5	7	7	13
% Driving alone to work	84	84	83	84	86	79
% Long commute - driving alone	11	10	13	13	12	22

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, Comanche County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	159	78	-
2	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.1%	3.2%	+
4	Social Associations	Number of membership associations per 10,000 population.	Social and Economic Environment	35.5	13.2	+
5	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	96%	92%	+

Health Outcomes: Drivers with the greatest impact on ranking, Comanche County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	NR	7.2%	NR
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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Cowley County

74

Health Factors Rank

93

Health Outcomes Rank

Population: 34,496



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2023

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	93	97	94	84	93	N/A
Length of Life- Rank	88	94	93	79	79	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	9308	9636	9995	9278	9278	7458
Quality of Life- Rank	97	96	90	81	93	N/A
% Reporting poor or fair health, adults [#]			18	19	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	4	5	4
% Low birthweight, <2,500 grams ^Δ	7.6	7.5	7.8	7.7	7.7	7.2
Health Factors- Rank	86	85	84	88	74	N/A
Health Behaviors- Rank	92	77	93	91	66	N/A
% Smokers, adults [#]			22	20	20	17
% Obese, adults age 20 and older [#]				40	39	36
Food environment index, 0 (worst) to 10 (best)	6.9	6.9	6.8	7.2	7.3	7
% Physically inactive, adults age 20 and older [#]				34	26	21
% Access to exercise opportunities [#]					72	80
% Excessive drinking, adults [#]			18	19	17	20
% Driving deaths with alcohol-involvement ^Δ	27	26	16	16	16	19
Sexually transmitted infection rate, per 100,000 population	344	419	433	450	427	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	37	33	29	27	27	22
Clinical Care- Rank	43	38	34	29	33	N/A
% Uninsured, population under age 65	11	10	10	11	11	10
Primary care physicians rate, per 100,000 population	50	51	51	46	43	79
Dentists rate, per 100,000 population	40	40	46	49	49	62
Mental health providers rate, per 100,000 population	116	133	146	159	159	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3673	3662	3922	3597	2130	2708
% Mammography screening, Medicare females age 65-74	36	40	40	39	34	42
% Flu vaccinations, Medicare enrollees	39	41	49	50	52	51
Social & Economic Factors- Rank	90	89	82	97	84	N/A
% High school completion, adults age 25 and older [@]			91	91	92	92
% With some college, adults age 25-44	61	60	62	62	62	71
% Unemployed, population age 16 and older	3.8	3.4	3.4	6.5	3.4	3.2
% Children in poverty	23	22	18	19	18	14
Income inequality ratio, 80th to 20th percentile	4.5	4.4	4.2	4.3	4.3	4.4
% Children in single-parent households [#]			25	26	27	21
Membership associations rate, per 10,000 population	17.6	16.7	16.2	16	16.2	13.2
Injury death rate, per 100,000 population ^Δ	91	91	88	84	84	78
Physical Environment- Rank	56	60	63	56	63	N/A
Average daily density of fine particulate matter	9.3	9.3	7.8	8.6	8.2	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	12	12	12	11	11	13
% Driving alone to work	80	81	82	80	81	79
% Long commute - driving alone	21	22	21	22	21	22

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.

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Health Factors: Drivers with greatest impact on ranking, Cowley County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.4%	3.2%	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	18%	14%	-
3	Excessive Drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	Health Behaviors	17%	20%	+
4	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	2130	2708	+
5	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	20%	17%	-

Health Outcomes: Drivers with the greatest impact on ranking, Cowley County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.7%	7.2%	-
3	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9278	7458	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	-

NR: Measure could not be reported for this county.

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Crawford County



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94

Health Factors Rank

84

Health Outcomes Rank

Population: 39,110

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23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	85	91	83	89	84	N/A
Length of Life- Rank	42	34	76	89	89	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7811	7848	8461	9829	9829	7458
Quality of Life- Rank	99	102	82	79	73	N/A
% Reporting poor or fair health, adults [#]			19	19	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	4	4
% Low birthweight, <2,500 grams ^Δ	7.5	7.5	7.3	7.2	7.2	7.2
Health Factors- Rank	88	92	90	85	94	N/A
Health Behaviors- Rank	87	95	67	78	94	N/A
% Smokers, adults [#]			22	19	21	17
% Obese, adults age 20 and older [#]				38	37	36
Food environment index, 0 (worst) to 10 (best)	6.3	6.3	6.4	6.5	6.6	7
% Physically inactive, adults age 20 and older [#]				31	24	21
% Access to exercise opportunities [#]					78	80
% Excessive drinking, adults [#]			17	18	21	20
% Driving deaths with alcohol-involvement ^Δ	11	7	20	19	19	19
Sexually transmitted infection rate, per 100,000 population	383	454	566	575	562	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	27	27	26	24	24	22
Clinical Care- Rank	40	34	30	26	38	N/A
% Uninsured, population under age 65	11	12	11	12	13	10
Primary care physicians rate, per 100,000 population	74	82	77	77	75	79
Dentists rate, per 100,000 population	54	54	59	62	56	62
Mental health providers rate, per 100,000 population	202	215	216	225	238	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4384	4253	3922	3730	2681	2708
% Mammography screening, Medicare females age 65-74	36	39	41	41	39	42
% Flu vaccinations, Medicare enrollees	41	45	47	48	49	51
Social & Economic Factors- Rank	86	88	90	85	90	N/A
% High school completion, adults age 25 and older [@]			92	93	93	92
% With some college, adults age 25-44	71	71	71	69	71	71
% Unemployed, population age 16 and older	4.2	4	3.9	5.5	3.2	3.2
% Children in poverty	22	21	20	19	23	14
Income inequality ratio, 80th to 20th percentile	5.3	5.2	5.4	5.1	5.1	4.4
% Children in single-parent households [#]			23	27	27	21
Membership associations rate, per 10,000 population	12.8	11.8	11.5	11.6	11.6	13.2
Injury death rate, per 100,000 population ^Δ	61	61	63	67	67	78
Physical Environment- Rank	100	102	104	104	104	N/A
Average daily density of fine particulate matter	9.7	9.7	8.2	8.9	8.4	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	17	16	18	16	17	13
% Driving alone to work	84	85	86	86	86	79
% Long commute - driving alone	18	19	19	16	17	22

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.

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Health Factors: Drivers with greatest impact on ranking, Crawford County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	23%	14%	-
2	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.2%	3.2%	-
4	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	67	78	+
5	Income Inequality	Ratio of household income at the 80th percentile to income at the 20th percentile.	Social and Economic Environment	5.1	4.4	-

Health Outcomes: Drivers with the greatest impact on ranking, Crawford County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9829	7458	-
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.2%	7.2%	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

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Decatur County



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51

Health Factors Rank

42

Health Outcomes Rank

Population: 2,751

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	36	67	41	30	42	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	24	76	35	20	32	N/A
% Reporting poor or fair health, adults [#]			18	17	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	5.1	6	5.4	5.3	5.3	7.2
Health Factors- Rank	58	57	59	49	51	N/A
Health Behaviors- Rank	51	56	84	45	60	N/A
% Smokers, adults [#]			21	19	20	17
% Obese, adults age 20 and older [#]				35	37	36
Food environment index, 0 (worst) to 10 (best)	7.4	7.1	6.9	7	7.1	7
% Physically inactive, adults age 20 and older [#]				29	24	21
% Access to exercise opportunities [#]						80
% Excessive drinking, adults [#]			19	20	19	20
% Driving deaths with alcohol-involvement ^Δ	33	50	25	0	0	19
Sexually transmitted infection rate, per 100,000 population	136	208	243	142		502
Teen birth rate, per 1,000 females age 15-19 ^Δ	45	30	28			22
Clinical Care- Rank	77	61	57	72	47	N/A
% Uninsured, population under age 65	12	13	12	13	11	10
Primary care physicians rate, per 100,000 population	35	35				79
Dentists rate, per 100,000 population	35	35	35	36	36	62
Mental health providers rate, per 100,000 population	35	35	35	36	36	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5158	3657	4411	4702	2657	2708
% Mammography screening, Medicare females age 65-74	33	37	36	36	34	42
% Flu vaccinations, Medicare enrollees	41	41	45	45	45	51
Social & Economic Factors- Rank	65	74	59	52	63	N/A
% High school completion, adults age 25 and older [@]			94	94	93	92
% With some college, adults age 25-44	63	66	67	68	67	71
% Unemployed, population age 16 and older	3.1	3	3	3.7	2.6	3.2
% Children in poverty	22	21	23	19	20	14
Income inequality ratio, 80th to 20th percentile	4.9	4.8	4	4.3	3.8	4.4
% Children in single-parent households [#]			8	10	15	21
Membership associations rate, per 10,000 population	35.3	24.3	27.9	24.8	25.2	13.2
Injury death rate, per 100,000 population ^Δ	110	97	118	120	120	78
Physical Environment- Rank	14	12	8	11	10	N/A
Average daily density of fine particulate matter	6.6	6.6	5.1	6.1	5.4	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	10	10	10	10	8	13
% Driving alone to work	78	75	71	73	74	79
% Long commute - driving alone	19	21	22	27	25	22

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Health Factors: Drivers with greatest impact on ranking, Decatur County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	20%	14%	-
2	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	120	78	-
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	20%	17%	-
4	Air Pollution - Particulate Matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	Physical Environment	5.4	6.7	+
5	Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	Health Behaviors	0%	19%	+

Health Outcomes: Drivers with the greatest impact on ranking, Decatur County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.3%	7.2%	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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Dickinson County



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52

Health Factors Rank

48

Health Outcomes Rank

Population: 18,459

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	43	72	57	57	48	N/A
Length of Life- Rank	43	27	30	23	23	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7893	7133	7161	7252	7252	7458
Quality of Life- Rank	47	93	81	78	67	N/A
% Reporting poor or fair health, adults [#]			17	18	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	7.4	7.7	8.2	8	8	7.2
Health Factors- Rank	62	80	79	64	52	N/A
Health Behaviors- Rank	69	84	90	72	46	N/A
% Smokers, adults [#]			22	19	19	17
% Obese, adults age 20 and older [#]				37	38	36
Food environment index, 0 (worst) to 10 (best)	8.1	8.1	7.8	7.8	8.2	7
% Physically inactive, adults age 20 and older [#]				31	23	21
% Access to exercise opportunities [#]					58	80
% Excessive drinking, adults [#]			19	21	21	20
% Driving deaths with alcohol-involvement ^Δ	35	30	27	22	22	19
Sexually transmitted infection rate, per 100,000 population	233	349	249	320	244	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	25	22	19	19	19	22
Clinical Care- Rank	61	53	68	59	58	N/A
% Uninsured, population under age 65	9	10	10	11	11	10
Primary care physicians rate, per 100,000 population	42	37	43	49	44	79
Dentists rate, per 100,000 population	37	32	32	33	33	62
Mental health providers rate, per 100,000 population	26	32	38	49	60	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4864	4622	4895	4312	2900	2708
% Mammography screening, Medicare females age 65-74	49	51	45	47	44	42
% Flu vaccinations, Medicare enrollees	21	28	29	29	32	51
Social & Economic Factors- Rank	48	58	58	44	34	N/A
% High school completion, adults age 25 and older [@]			91	92	93	92
% With some college, adults age 25-44	64	64	62	66	66	71
% Unemployed, population age 16 and older	3.8	3.5	3.6	4.9	3	3.2
% Children in poverty	14	15	14	13	13	14
Income inequality ratio, 80th to 20th percentile	4.2	4.9	4.6	4.5	3.8	4.4
% Children in single-parent households [#]			14	12	15	21
Membership associations rate, per 10,000 population	24.1	21.7	22.4	23.3	23	13.2
Injury death rate, per 100,000 population ^Δ	79	78	80	78	78	78
Physical Environment- Rank	78	80	80	83	84	N/A
Average daily density of fine particulate matter	8.8	8.8	7.2	8.1	7.6	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	10	11	11	12	12	13
% Driving alone to work	81	79	78	78	77	79
% Long commute - driving alone	29	31	32	29	31	22

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.

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Health Factors: Drivers with greatest impact on ranking, Dickinson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3%	3.2%	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	13%	14%	+
3	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	78	78	+
4	Excessive Drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	Health Behaviors	21%	20%	-
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	NR	-

Health Outcomes: Drivers with the greatest impact on ranking, Dickinson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7252	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	8%	7.2%	-
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-

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70

Health Factors Rank

65

Health Outcomes Rank

Population: 7,471

20
23

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	29	6	34	65	65	N/A
Length of Life- Rank	46	6	29	36	36	N/A
Premature death (years of potential life lost, per 100,000) ^Δ		5483	7158	7749	7749	7458
Quality of Life- Rank	16	13	53	82	84	N/A
% Reporting poor or fair health, adults [#]			17	18	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	4	4
% Low birthweight, <2,500 grams ^Δ	5.6	5.7	6.2	7.3	7.3	7.2
Health Factors- Rank	68	74	71	75	70	N/A
Health Behaviors- Rank	76	78	89	88	79	N/A
% Smokers, adults [#]			22	20	21	17
% Obese, adults age 20 and older [#]				39	37	36
Food environment index, 0 (worst) to 10 (best)	6.5	6.4	6.3	7.5	7.6	7
% Physically inactive, adults age 20 and older [#]				31	24	21
% Access to exercise opportunities [#]					22	80
% Excessive drinking, adults [#]			19	19	19	20
% Driving deaths with alcohol-involvement ^Δ	63	56	44	43	43	19
Sexually transmitted infection rate, per 100,000 population	192	324	207	342	382	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	15	15	13	10	10	22
Clinical Care- Rank	50	47	44	54	61	N/A
% Uninsured, population under age 65	10	10	9	10	11	10
Primary care physicians rate, per 100,000 population	26	39	39	39	40	79
Dentists rate, per 100,000 population	13					62
Mental health providers rate, per 100,000 population	13	13	13	13	13	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4285	4396	4779	5049	3605	2708
% Mammography screening, Medicare females age 65-74	43	44	41	48	44	42
% Flu vaccinations, Medicare enrollees	44	39	46	42	43	51
Social & Economic Factors- Rank	66	70	52	46	50	N/A
% High school completion, adults age 25 and older [@]			90	92	91	92
% With some college, adults age 25-44	59	66	66	69	68	71
% Unemployed, population age 16 and older	3.5	3.5	3.4	4.5	2.7	3.2
% Children in poverty	21	18	14	13	15	14
Income inequality ratio, 80th to 20th percentile	4.1	4.5	4.5	5.2	5.4	4.4
% Children in single-parent households [#]			10	12	14	21
Membership associations rate, per 10,000 population	17	14.2	13	14.5	14.7	13.2
Injury death rate, per 100,000 population ^Δ	36	41	49	52	52	78
Physical Environment- Rank	62	63	93	93	100	N/A
Average daily density of fine particulate matter	9.9	9.9	7.8	8.6	8	6.7
Drinking water violations?	No	No	Yes	Yes	Yes	
% Households with severe housing problems	9	9	10	9	11	13
% Driving alone to work	82	83	84	85	84	79
% Long commute - driving alone	24	28	29	30	34	22

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.

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Health Factors: Drivers with greatest impact on ranking, Doniphan County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
2	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	52	78	+
3	Income Inequality	Ratio of household income at the 80th percentile to income at the 20th percentile.	Social and Economic Environment	5.4	4.4	-
4	Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	Health Behaviors	43%	19%	-
5	Teen Births	Number of births per 1,000 female population ages 15-19.	Health Behaviors	10	22	+

Health Outcomes: Drivers with the greatest impact on ranking, Doniphan County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7749	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.3%	7.2%	-
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	-

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4

Health Factors Rank

19

Health Outcomes Rank

Population: 119,363

20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	17	15	7	8	19	N/A
Length of Life- Rank	3	4	4	5	5	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	5420	5371	5356	5280	5280	7458
Quality of Life- Rank	74	62	27	23	71	N/A
% Reporting poor or fair health, adults [#]			15	15	12	13
Average number of poor physical health days, adults [#]			3	3	3	3
Average number of poor mental health days, adults [#]			4	4	5	4
% Low birthweight, <2,500 grams ^Δ	6.8	7.2	7.1	7.3	7.3	7.2
Health Factors- Rank	19	32	2	2	4	N/A
Health Behaviors- Rank	21	60	2	2	3	N/A
% Smokers, adults [#]			16	15	16	17
% Obese, adults age 20 and older [#]				29	32	36
Food environment index, 0 (worst) to 10 (best)	7.3	7.3	7.9	7.8	7.9	7
% Physically inactive, adults age 20 and older [#]				25	19	21
% Access to exercise opportunities [#]					93	80
% Excessive drinking, adults [#]			19	20	21	20
% Driving deaths with alcohol-involvement ^Δ	31	33	38	33	33	19
Sexually transmitted infection rate, per 100,000 population	575	725	679	647	564	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	9	9	8	8	8	22
Clinical Care- Rank	4	2	3	2	2	N/A
% Uninsured, population under age 65	10	9	8	10	9	10
Primary care physicians rate, per 100,000 population	86	87	90	91	94	79
Dentists rate, per 100,000 population	57	58	59	64	65	62
Mental health providers rate, per 100,000 population	277	299	301	308	328	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3253	3077	3075	2399	1900	2708
% Mammography screening, Medicare females age 65-74	50	51	49	52	48	42
% Flu vaccinations, Medicare enrollees	56	57	61	63	64	51
Social & Economic Factors- Rank	36	38	23	41	27	N/A
% High school completion, adults age 25 and older [@]			95	95	96	92
% With some college, adults age 25-44	83	84	83	82	83	71
% Unemployed, population age 16 and older	3.2	3.1	2.9	6.1	3.1	3.2
% Children in poverty	12	12	12	9	11	14
Income inequality ratio, 80th to 20th percentile	5.2	5.2	5.1	4.9	5	4.4
% Children in single-parent households [#]			19	18	17	21
Membership associations rate, per 10,000 population	9.6	9.3	9.1	9.2	9.3	13.2
Injury death rate, per 100,000 population ^Δ	58	57	57	57	57	78
Physical Environment- Rank	85	87	82	82	77	N/A
Average daily density of fine particulate matter	9.8	9.8	7.6	8.8	8.2	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	20	20	20	19	18	13
% Driving alone to work	78	77	78	76	73	79
% Long commute - driving alone	28	29	28	29	29	22

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.

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Health Factors: Drivers with greatest impact on ranking, Douglas County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	16%	17%	+
2	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	32%	36%	+
3	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	83%	71%	+
4	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	11%	14%	+
5	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.1%	3.2%	-

Health Outcomes: Drivers with the greatest impact on ranking, Douglas County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	5280	7458	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.3%	7.2%	-
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+

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69

Health Factors Rank

104

Health Outcomes Rank

Population: 2,832

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20
23

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	78	83	67	104	104	N/A
Length of Life- Rank	46	38	39	103	103	N/A
Premature death (years of potential life lost, per 100,000) ^Δ				24807	24807	7458
Quality of Life- Rank	89	91	67	84	76	N/A
% Reporting poor or fair health, adults [#]			19	21	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	8.1	8.4	6.9	7.8	7.8	7.2
Health Factors- Rank	53	52	49	47	69	N/A
Health Behaviors- Rank	49	42	49	63	71	N/A
% Smokers, adults [#]			21	18	19	17
% Obese, adults age 20 and older [#]				39	40	36
Food environment index, 0 (worst) to 10 (best)	8.6	8.5	8.4	8.4	8.7	7
% Physically inactive, adults age 20 and older [#]				33	25	21
% Access to exercise opportunities [#]					54	80
% Excessive drinking, adults [#]			18	18	19	20
% Driving deaths with alcohol-involvement ^Δ	50	57	50	50	50	19
Sexually transmitted infection rate, per 100,000 population	169	207	138			502
Teen birth rate, per 1,000 females age 15-19 ^Δ	24	18				22
Clinical Care- Rank	79	96	81	68	68	N/A
% Uninsured, population under age 65	16	17	16	16	16	10
Primary care physicians rate, per 100,000 population	34	35	35			79
Dentists rate, per 100,000 population	35	35	36	36	35	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	1184	4429	1947	1704	1720	2708
% Mammography screening, Medicare females age 65-74	40	42	38	40	37	42
% Flu vaccinations, Medicare enrollees	11	15	16	19	28	51
Social & Economic Factors- Rank	53	43	41	34	70	N/A
% High school completion, adults age 25 and older [@]			85	87	87	92
% With some college, adults age 25-44	61	67	69	71	62	71
% Unemployed, population age 16 and older	3	2.4	2.6	3	2.1	3.2
% Children in poverty	17	17	17	15	16	14
Income inequality ratio, 80th to 20th percentile	3.6	3.5	3.5	3.2	3.4	4.4
% Children in single-parent households [#]			9	7	16	21
Membership associations rate, per 10,000 population	17	10.4	14	14.3	10.9	13.2
Injury death rate, per 100,000 population ^Δ	115	116	97	155	155	78
Physical Environment- Rank	25	25	23	15	47	N/A
Average daily density of fine particulate matter	7.5	7.5	5.8	6.8	6.3	6.7
Drinking water violations?	No	No	No	No	Yes	
% Households with severe housing problems	7	6	7	4	4	13
% Driving alone to work	80	80	81	80	83	79
% Long commute - driving alone	27	29	30	30	29	22

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Health Factors: Drivers with greatest impact on ranking, Edwards County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	155	78	-
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.1%	3.2%	+
3	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	16%	10%	-
4	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1720	2708	+
5	Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	Health Behaviors	50%	19%	-

Health Outcomes: Drivers with the greatest impact on ranking, Edwards County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	24807	7458	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.8%	7.2%	-
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-

NR: Measure could not be reported for this county.

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Elk County

103

Health Factors Rank

74

Health Outcomes Rank

Population: 2,441



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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	75	88	74	82	74	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	80	98	75	90	81	N/A
% Reporting poor or fair health, adults [#]			20	21	16	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	5	4
% Low birthweight, <2,500 grams ^Δ	7.1	7.9	5.5	5.8	5.8	7.2
Health Factors- Rank	93	90	102	101	103	N/A
Health Behaviors- Rank	74	74	96	103	102	N/A
% Smokers, adults [#]			23	22	23	17
% Obese, adults age 20 and older [#]				39	41	36
Food environment index, 0 (worst) to 10 (best)	4.4	4.6	4	5.8	6.2	7
% Physically inactive, adults age 20 and older [#]				36	27	21
% Access to exercise opportunities [#]					27	80
% Excessive drinking, adults [#]			18	18	19	20
% Driving deaths with alcohol-involvement ^Δ	60	50	25	33	33	19
Sexually transmitted infection rate, per 100,000 population					237	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	28	29	25	22	22	22
Clinical Care- Rank	83	74	82	71	76	N/A
% Uninsured, population under age 65	13	14	15	16	13	10
Primary care physicians rate, per 100,000 population	39	40	40	40	40	79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3854	3332	3903	1987	3119	2708
% Mammography screening, Medicare females age 65-74	32	30	37	38	36	42
% Flu vaccinations, Medicare enrollees	35	38	39	35	37	51
Social & Economic Factors- Rank	99	92	103	99	103	N/A
% High school completion, adults age 25 and older [@]			88	88	87	92
% With some college, adults age 25-44	54	54	48	54	45	71
% Unemployed, population age 16 and older	4.3	3.3	3.7	4.8	2.8	3.2
% Children in poverty	29	28	30	26	26	14
Income inequality ratio, 80th to 20th percentile	3.7	3.9	5	4.7	4.5	4.4
% Children in single-parent households [#]			18	21	18	21
Membership associations rate, per 10,000 population	15.7	12	15.9	15.8	16	13.2
Injury death rate, per 100,000 population ^Δ	162	179	197	175	175	78
Physical Environment- Rank	63	70	67	77	62	N/A
Average daily density of fine particulate matter	8.9	8.9	7.3	8.4	8.1	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	No	
% Households with severe housing problems	10	9	7	7	10	13
% Driving alone to work	72	77	78	79	78	79
% Long commute - driving alone	40	36	37	39	44	22

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.

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Health Factors: Drivers with greatest impact on ranking, Elk County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	23%	17%	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	26%	14%	-
3	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	175	78	-
4	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	45%	71%	-
5	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	41%	36%	-

Health Outcomes: Drivers with the greatest impact on ranking, Elk County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.8%	7.2%	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	16%	13%	-
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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2

Health Factors Rank

11

Health Outcomes Rank

Population: 28,790

20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	23	17	11	12	11	N/A
Length of Life- Rank	31	21	8	7	7	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7363	6861	5806	5700	5700	7458
Quality of Life- Rank	21	21	25	35	17	N/A
% Reporting poor or fair health, adults [#]			16	16	12	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.4	6.2	6.4	6.8	6.8	7.2
Health Factors- Rank	31	21	10	10	2	N/A
Health Behaviors- Rank	56	51	16	13	5	N/A
% Smokers, adults [#]			19	17	16	17
% Obese, adults age 20 and older [#]				36	32	36
Food environment index, 0 (worst) to 10 (best)	7.7	7.5	7.9	7.7	8	7
% Physically inactive, adults age 20 and older [#]				27	21	21
% Access to exercise opportunities [#]					90	80
% Excessive drinking, adults [#]			21	20	21	20
% Driving deaths with alcohol-involvement ^Δ	45	33	15	14	14	19
Sexually transmitted infection rate, per 100,000 population	431	645	627	518	494	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	18	17	15	13	13	22
Clinical Care- Rank	6	7	8	8	7	N/A
% Uninsured, population under age 65	8	9	8	10	10	10
Primary care physicians rate, per 100,000 population	69	66	63	63	66	79
Dentists rate, per 100,000 population	101	101	98	101	101	62
Mental health providers rate, per 100,000 population	279	279	291	303	316	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4060	3913	4681	3893	2692	2708
% Mammography screening, Medicare females age 65-74	52	53	51	53	52	42
% Flu vaccinations, Medicare enrollees	45	45	48	51	52	51
Social & Economic Factors- Rank	26	19	19	25	15	N/A
% High school completion, adults age 25 and older [@]			93	94	94	92
% With some college, adults age 25-44	81	80	78	81	81	71
% Unemployed, population age 16 and older	2.5	2.4	2.3	3.5	1.9	3.2
% Children in poverty	14	12	11	12	11	14
Income inequality ratio, 80th to 20th percentile	5.1	5.2	5.3	5.2	5	4.4
% Children in single-parent households [#]			24	18	19	21
Membership associations rate, per 10,000 population	12.1	11.5	11.1	9.8	9.1	13.2
Injury death rate, per 100,000 population ^Δ	75	69	77	80	80	78
Physical Environment- Rank	75	74	65	70	30	N/A
Average daily density of fine particulate matter	7.5	7.5	5.4	6.7	6	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	No	
% Households with severe housing problems	14	14	14	12	12	13
% Driving alone to work	87	85	86	85	82	79
% Long commute - driving alone	7	7	7	6	8	22

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.

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Health Factors: Drivers with greatest impact on ranking, Ellis County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	16%	17%	+
2	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	32%	36%	+
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.9%	3.2%	+
4	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	81%	71%	+
5	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	11%	14%	+

Health Outcomes: Drivers with the greatest impact on ranking, Ellis County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	5700	7458	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.8%	7.2%	-

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47

Health Factors Rank

9

Health Outcomes Rank

Population: 6,336

20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	41	21	12	10	9	N/A
Length of Life- Rank	80	13	5	6	6	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	8807	6436	5547	5397	5397	7458
Quality of Life- Rank	14	42	47	28	16	N/A
% Reporting poor or fair health, adults [#]			18	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.3	6.5	6.9	6.6	6.6	7.2
Health Factors- Rank	42	51	56	51	47	N/A
Health Behaviors- Rank	23	30	56	28	22	N/A
% Smokers, adults [#]			20	18	18	17
% Obese, adults age 20 and older [#]				38	36	36
Food environment index, 0 (worst) to 10 (best)	7.7	7.6	7.5	7.6	7.9	7
% Physically inactive, adults age 20 and older [#]				28	23	21
% Access to exercise opportunities [#]					61	80
% Excessive drinking, adults [#]			19	20	21	20
% Driving deaths with alcohol-involvement ^Δ	15	11	6	6	6	19
Sexually transmitted infection rate, per 100,000 population	173	111	126	98	344	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	13	15	14	12	12	22
Clinical Care- Rank	72	76	80	91	92	N/A
% Uninsured, population under age 65	8	9	9	9	11	10
Primary care physicians rate, per 100,000 population	63	63	48	33	33	79
Dentists rate, per 100,000 population	32	32	33	33	32	62
Mental health providers rate, per 100,000 population	32	32	33	33	32	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	7781	7493	7668	7975	5232	2708
% Mammography screening, Medicare females age 65-74	43	44	51	46	40	42
% Flu vaccinations, Medicare enrollees	26	28	32	32	39	51
Social & Economic Factors- Rank	54	60	42	22	25	N/A
% High school completion, adults age 25 and older [@]			92	92	92	92
% With some college, adults age 25-44	57	57	59	60	61	71
% Unemployed, population age 16 and older	3.1	2.8	2.8	3.3	2.2	3.2
% Children in poverty	14	14	12	12	11	14
Income inequality ratio, 80th to 20th percentile	4.2	4.6	4.3	3.9	3.9	4.4
% Children in single-parent households [#]			22	17	16	21
Membership associations rate, per 10,000 population	28.4	19	19.4	22.9	19.9	13.2
Injury death rate, per 100,000 population ^Δ	104	98	89	84	84	78
Physical Environment- Rank	22	35	62	72	72	N/A
Average daily density of fine particulate matter	7.8	7.8	6.2	7.2	6.5	6.7
Drinking water violations?	No	No	Yes	Yes	Yes	
% Households with severe housing problems	9	10	10	10	9	13
% Driving alone to work	77	80	80	83	84	79
% Long commute - driving alone	21	23	27	23	23	22

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.

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Health Factors: Drivers with greatest impact on ranking, Ellsworth County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	5232	2708	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	11%	14%	+
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.2%	3.2%	+
4	Excessive Drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	Health Behaviors	21%	20%	-
5	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+

Health Outcomes: Drivers with the greatest impact on ranking, Ellsworth County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	5397	7458	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.6%	7.2%	+

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Finney County

81

Health Factors Rank

94

Health Outcomes Rank

Population: 38,107



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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	53	35	70	83	94	N/A
Length of Life- Rank	15	8	23	42	42	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6468	6147	6908	7998	7998	7458
Quality of Life- Rank	88	86	97	95	99	N/A
% Reporting poor or fair health, adults [#]			24	25	18	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7.4	7.4	8.1	8.2	8.2	7.2
Health Factors- Rank	84	88	85	92	81	N/A
Health Behaviors- Rank	86	87	51	75	70	N/A
% Smokers, adults [#]			20	18	19	17
% Obese, adults age 20 and older [#]				40	43	36
Food environment index, 0 (worst) to 10 (best)	8.6	8.4	7.9	8	8.1	7
% Physically inactive, adults age 20 and older [#]				36	30	21
% Access to exercise opportunities [#]					78	80
% Excessive drinking, adults [#]			15	17	17	20
% Driving deaths with alcohol-involvement ^Δ	20	17	4	8	8	19
Sexually transmitted infection rate, per 100,000 population	550	809	680	850	633	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	52	46	42	38	38	22
Clinical Care- Rank	76	70	76	80	83	N/A
% Uninsured, population under age 65	14	15	16	17	17	10
Primary care physicians rate, per 100,000 population	57	62	68	58	61	79
Dentists rate, per 100,000 population	62	63	63	72	66	62
Mental health providers rate, per 100,000 population	116	120	118	120	123	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5607	5128	4580	4396	3176	2708
% Mammography screening, Medicare females age 65-74	36	35	35	39	29	42
% Flu vaccinations, Medicare enrollees	44	46	48	49	51	51
Social & Economic Factors- Rank	78	79	86	89	77	N/A
% High school completion, adults age 25 and older [@]			71	72	72	92
% With some college, adults age 25-44	50	53	52	52	52	71
% Unemployed, population age 16 and older	2.7	2.5	2.3	3.5	2.1	3.2
% Children in poverty	18	18	17	16	14	14
Income inequality ratio, 80th to 20th percentile	3.7	3.6	3.7	3.5	3.6	4.4
% Children in single-parent households [#]			24	25	27	21
Membership associations rate, per 10,000 population	10.3	10.2	11.2	10.7	10.6	13.2
Injury death rate, per 100,000 population ^Δ	70	69	73	72	72	78
Physical Environment- Rank	66	69	75	84	87	N/A
Average daily density of fine particulate matter	7.6	7.6	6	7	6.4	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	15	16	17	18	18	13
% Driving alone to work	81	80	81	82	82	79
% Long commute - driving alone	9	8	8	8	6	22

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Health Factors: Drivers with greatest impact on ranking, Finney County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	72%	92%	-
2	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	43%	36%	-
3	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	17%	10%	-
4	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.1%	3.2%	+
5	Excessive Drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	Health Behaviors	17%	20%	+

Health Outcomes: Drivers with the greatest impact on ranking, Finney County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	18%	13%	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	8.2%	7.2%	-
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7998	7458	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-

NR: Measure could not be reported for this county.

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Ford County

79

Health Factors Rank

54

Health Outcomes Rank

Population: 34,159



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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	57	24	61	60	54	N/A
Length of Life- Rank	13	7	15	20	20	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6254	6085	6574	7203	7203	7458
Quality of Life- Rank	96	66	96	83	78	N/A
% Reporting poor or fair health, adults [#]			25	26	18	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7.1	6.8	6.6	6.4	6.4	7.2
Health Factors- Rank	74	73	88	86	79	N/A
Health Behaviors- Rank	53	59	37	86	80	N/A
% Smokers, adults [#]			20	18	19	17
% Obese, adults age 20 and older [#]				43	42	36
Food environment index, 0 (worst) to 10 (best)	8.9	8.7	8.2	8.2	8.5	7
% Physically inactive, adults age 20 and older [#]				38	34	21
% Access to exercise opportunities [#]					83	80
% Excessive drinking, adults [#]			16	17	18	20
% Driving deaths with alcohol-involvement ^Δ	10	7	3	7	7	19
Sexually transmitted infection rate, per 100,000 population	397	422	544	509	470	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	57	53	51	51	51	22
Clinical Care- Rank	84	81	89	81	71	N/A
% Uninsured, population under age 65	16	18	17	18	19	10
Primary care physicians rate, per 100,000 population	47	41	44	45	48	79
Dentists rate, per 100,000 population	58	53	54	60	70	62
Mental health providers rate, per 100,000 population	90	97	101	109	111	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3330	3704	3537	3070	1900	2708
% Mammography screening, Medicare females age 65-74	30	37	28	35	35	42
% Flu vaccinations, Medicare enrollees	37	38	44	46	47	51
Social & Economic Factors- Rank	71	62	91	78	74	N/A
% High school completion, adults age 25 and older [@]			74	74	75	92
% With some college, adults age 25-44	45	46	47	47	49	71
% Unemployed, population age 16 and older	2.8	2.6	2.5	3.4	2.1	3.2
% Children in poverty	17	16	20	12	14	14
Income inequality ratio, 80th to 20th percentile	3.8	3.6	3.6	3.6	3.6	4.4
% Children in single-parent households [#]			18	18	20	21
Membership associations rate, per 10,000 population	8.8	7	7.7	8.6	6.9	13.2
Injury death rate, per 100,000 population ^Δ	73	75	77	73	73	78
Physical Environment- Rank	60	66	79	75	82	N/A
Average daily density of fine particulate matter	7.6	7.6	6	7.1	6.5	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	15	16	17	15	15	13
% Driving alone to work	77	78	81	80	81	79
% Long commute - driving alone	10	9	8	9	10	22

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.

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Health Factors: Drivers with greatest impact on ranking, Ford County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	75%	92%	-
2	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	19%	10%	-
3	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	42%	36%	-
4	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	49%	71%	-
5	Physical Inactivity	Percentage of adults age 18 and over reporting no leisure-time physical activity (age-adjusted).	Health Behaviors	34%	21%	-

Health Outcomes: Drivers with the greatest impact on ranking, Ford County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7203	7458	+
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	18%	13%	-
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.4%	7.2%	+

NR: Measure could not be reported for this county.

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66

Health Factors Rank

47

Health Outcomes Rank

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Population: 25,986

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	26	26	28	50	47	N/A
Length of Life- Rank	21	23	20	32	32	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6907	6879	6703	7614	7614	7458
Quality of Life- Rank	53	50	61	65	58	N/A
% Reporting poor or fair health, adults [#]			16	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	6.7	7.2	7.3	7.6	7.6	7.2
Health Factors- Rank	79	77	62	65	66	N/A
Health Behaviors- Rank	95	81	63	66	74	N/A
% Smokers, adults [#]			20	19	19	17
% Obese, adults age 20 and older [#]				36	41	36
Food environment index, 0 (worst) to 10 (best)	6.7	6.7	6.9	6.8	6.8	7
% Physically inactive, adults age 20 and older [#]				28	25	21
% Access to exercise opportunities [#]					54	80
% Excessive drinking, adults [#]			19	20	19	20
% Driving deaths with alcohol-involvement ^Δ	27	26	24	21	21	19
Sexually transmitted infection rate, per 100,000 population	281	264	389	392	341	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	31	29	27	25	25	22
Clinical Care- Rank	31	39	38	41	44	N/A
% Uninsured, population under age 65	8	8	8	9	10	10
Primary care physicians rate, per 100,000 population	47	43	43	43	43	79
Dentists rate, per 100,000 population	27	27	27	31	31	62
Mental health providers rate, per 100,000 population	187	191	211	210	208	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4555	4888	4578	5054	2829	2708
% Mammography screening, Medicare females age 65-74	43	45	44	45	38	42
% Flu vaccinations, Medicare enrollees	34	35	35	44	42	51
Social & Economic Factors- Rank	59	68	56	65	59	N/A
% High school completion, adults age 25 and older [@]			92	92	93	92
% With some college, adults age 25-44	62	61	61	60	59	71
% Unemployed, population age 16 and older	3.7	3.6	3.3	5.4	3.1	3.2
% Children in poverty	14	14	13	11	12	14
Income inequality ratio, 80th to 20th percentile	3.6	3.5	3.6	3.9	3.9	4.4
% Children in single-parent households [#]			19	21	20	21
Membership associations rate, per 10,000 population	13.3	12.4	12.5	11.7	10.9	13.2
Injury death rate, per 100,000 population ^Δ	69	70	72	78	78	78
Physical Environment- Rank	97	85	97	91	94	N/A
Average daily density of fine particulate matter	9.4	9.4	7.2	8.3	7.8	6.7
Drinking water violations?	Yes	No	Yes	Yes	Yes	
% Households with severe housing problems	14	13	12	10	11	13
% Driving alone to work	82	85	85	83	82	79
% Long commute - driving alone	37	38	37	37	36	22

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.

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Health Factors: Drivers with greatest impact on ranking, Franklin County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.1%	3.2%	-
2	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	41%	36%	-
3	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	12%	14%	+
4	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	10%	10%	+
5	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	78	78	+

Health Outcomes: Drivers with the greatest impact on ranking, Franklin County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7614	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.6%	7.2%	-
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

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Geary County

93

Health Factors Rank

86

Health Outcomes Rank

Population: 35,934



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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	82	96	86	85	86	N/A
Length of Life- Rank	85	92	91	99	99	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	9109	9563	9848	10650	10650	7458
Quality of Life- Rank	67	95	60	55	59	N/A
% Reporting poor or fair health, adults [#]			18	19	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.9	6.8	6.8	6.9	6.9	7.2
Health Factors- Rank	89	100	87	84	93	N/A
Health Behaviors- Rank	96	104	86	93	100	N/A
% Smokers, adults [#]			20	18	19	17
% Obese, adults age 20 and older [#]				37	38	36
Food environment index, 0 (worst) to 10 (best)	6.5	6.3	6.8	6.5	6.5	7
% Physically inactive, adults age 20 and older [#]				29	24	21
% Access to exercise opportunities [#]					80	80
% Excessive drinking, adults [#]			16	17	18	20
% Driving deaths with alcohol-involvement ^Δ	21	26	19	25	25	19
Sexually transmitted infection rate, per 100,000 population	519	517	842	1926	1989	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	68	64	62	64	64	22
Clinical Care- Rank	28	12	10	25	29	N/A
% Uninsured, population under age 65	9	8	8	8	9	10
Primary care physicians rate, per 100,000 population	28	35	40	47	47	79
Dentists rate, per 100,000 population	151	141	133	133	111	62
Mental health providers rate, per 100,000 population	289	313	316	326	367	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3439	2710	2580	3505	2541	2708
% Mammography screening, Medicare females age 65-74	43	40	38	37	32	42
% Flu vaccinations, Medicare enrollees	23	31	29	28	34	51
Social & Economic Factors- Rank	84	85	85	83	83	N/A
% High school completion, adults age 25 and older [@]			94	94	94	92
% With some college, adults age 25-44	73	74	74	79	76	71
% Unemployed, population age 16 and older	5	4.8	4.4	6.9	4.3	3.2
% Children in poverty	19	16	19	17	17	14
Income inequality ratio, 80th to 20th percentile	3.3	3.2	3.2	3.5	3.6	4.4
% Children in single-parent households [#]			22	24	25	21
Membership associations rate, per 10,000 population	8.1	7.7	7.7	7.9	6.8	13.2
Injury death rate, per 100,000 population ^Δ	61	63	67	75	75	78
Physical Environment- Rank	92	100	102	81	96	N/A
Average daily density of fine particulate matter	8.8	8.8	7.2	8.2	7.8	6.7
Drinking water violations?	Yes	Yes	Yes	No	Yes	
% Households with severe housing problems	18	18	20	18	16	13
% Driving alone to work	84	87	85	83	81	79
% Long commute - driving alone	9	11	11	12	14	22

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.

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Health Factors: Drivers with greatest impact on ranking, Geary County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	4.3%	3.2%	-
2	Sexually Transmitted Infections	Number of newly diagnosed chlamydia cases per 100,000 population.	Health Behaviors	1989	502	-
3	Teen Births	Number of births per 1,000 female population ages 15-19.	Health Behaviors	64	22	-
4	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	76%	71%	+
5	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	9%	10%	+

Health Outcomes: Drivers with the greatest impact on ranking, Geary County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	10650	7458	-
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.9%	7.2%	-
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-

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7

13

Health Factors Rank

Health Outcomes Rank

Population: 2,755

2023

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	44	30	14	19	13	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	41	19	4	11	9	N/A
% Reporting poor or fair health, adults [#]			16	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ			4.3	4.3	4.3	7.2
Health Factors- Rank	12	9	27	46	7	N/A
Health Behaviors- Rank	8	8	38	52	55	N/A
% Smokers, adults [#]			20	19	19	17
% Obese, adults age 20 and older [#]				35	35	36
Food environment index, 0 (worst) to 10 (best)	7.5	7.4	7.2	5.3	5.5	7
% Physically inactive, adults age 20 and older [#]				30	22	21
% Access to exercise opportunities [#]					43	80
% Excessive drinking, adults [#]			19	19	20	20
% Driving deaths with alcohol-involvement ^Δ	10	8	8	9	9	19
Sexually transmitted infection rate, per 100,000 population				152		502
Teen birth rate, per 1,000 females age 15-19 ^Δ						22
Clinical Care- Rank	78	71	94	87	3	N/A
% Uninsured, population under age 65	13	16	17	16	10	10
Primary care physicians rate, per 100,000 population	154	152	153	228	229	79
Dentists rate, per 100,000 population	38	38	38	38	36	62
Mental health providers rate, per 100,000 population	38	77	76	38	73	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	9989	7158	8686	8088	1746	2708
% Mammography screening, Medicare females age 65-74	43	43	42	46	47	42
% Flu vaccinations, Medicare enrollees	42	40	44	43	47	51
Social & Economic Factors- Rank	19	16	14	35	16	N/A
% High school completion, adults age 25 and older [@]			92	94	94	92
% With some college, adults age 25-44	63	64	62	61	66	71
% Unemployed, population age 16 and older	2.3	2.2	2.1	2.9	1.9	3.2
% Children in poverty	17	18	16	18	14	14
Income inequality ratio, 80th to 20th percentile	3.6	3.9	4	4.2	3.8	4.4
% Children in single-parent households [#]			10	9	10	21
Membership associations rate, per 10,000 population	50.2	34.2	34.5	30.3	30.5	13.2
Injury death rate, per 100,000 population ^Δ	127	91				78
Physical Environment- Rank	1	6	3	6	11	N/A
Average daily density of fine particulate matter	6.9	6.9	5.1	6.2	5.7	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	7	10	7	9	8	13
% Driving alone to work	67	68	70	72	73	79
% Long commute - driving alone	12	15	18	18	18	22

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Health Factors: Drivers with greatest impact on ranking, Gove County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.9%	3.2%	+
2	Primary Care Physicians	Ratio of population to primary care physicians.	Clinical Care	229	79	+
3	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1746	2708	+
4	Food Environment Index	Index of factors that contribute to a healthy food environment, from 0 (worst) to 10 (best).	Health Behaviors	5.5	7	-
5	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	35%	36%	+

Health Outcomes: Drivers with the greatest impact on ranking, Gove County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	4.3%	7.2%	+
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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Health Factors Rank

97

Health Outcomes Rank

Population: 2,400

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	42	36	82	93	97	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	39	31	89	100	102	N/A
% Reporting poor or fair health, adults [#]			17	17	16	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ		6.7	9.2	10.5	10.5	7.2
Health Factors- Rank	32	26	40	62	61	N/A
Health Behaviors- Rank	41	22	29	57	75	N/A
% Smokers, adults [#]			20	18	21	17
% Obese, adults age 20 and older [#]				38	38	36
Food environment index, 0 (worst) to 10 (best)	7.8	7.7	7.8	8	8	7
% Physically inactive, adults age 20 and older [#]				31	26	21
% Access to exercise opportunities [#]						80
% Excessive drinking, adults [#]			18	19	19	20
% Driving deaths with alcohol-involvement ^Δ	100					19
Sexually transmitted infection rate, per 100,000 population				322	242	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	31	26	23			22
Clinical Care- Rank	54	68	86	94	69	N/A
% Uninsured, population under age 65	12	12	11	13	11	10
Primary care physicians rate, per 100,000 population	78	40	40	81	84	79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5324	5468	7263	8647	4512	2708
% Mammography screening, Medicare females age 65-74	45	50	43	47	43	42
% Flu vaccinations, Medicare enrollees	41	36	42	42	42	51
Social & Economic Factors- Rank	38	37	36	55	62	N/A
% High school completion, adults age 25 and older [@]			93	91	94	92
% With some college, adults age 25-44	68	66	70	67	60	71
% Unemployed, population age 16 and older	3.6	3.2	3.1	4.6	2.9	3.2
% Children in poverty	17	17	16	15	17	14
Income inequality ratio, 80th to 20th percentile	4.3	4	3.8	4	3.8	4.4
% Children in single-parent households [#]			13	19	13	21
Membership associations rate, per 10,000 population	23.4	24	24.1	24.2	25.1	13.2
Injury death rate, per 100,000 population ^Δ		110	103	113	113	78
Physical Environment- Rank	13	10	17	12	13	N/A
Average daily density of fine particulate matter	6.8	6.8	5	6.2	5.6	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	9	10	11	9	7	13
% Driving alone to work	78	74	79	78	77	79
% Long commute - driving alone	15	13	18	12	12	22

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.

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Health Factors: Drivers with greatest impact on ranking, Graham County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
2	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	4512	2708	-
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.9%	3.2%	-
4	Air Pollution - Particulate Matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	Physical Environment	5.6	6.7	+
5	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	94%	92%	+

Health Outcomes: Drivers with the greatest impact on ranking, Graham County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	10.5%	7.2%	-
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	16%	13%	-
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure 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.

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Grant County

65

Health Factors Rank

37

Health Outcomes Rank

Population: 7,324



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2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	28	16	56	46	37	N/A
Length of Life- Rank	9	11	35	14	14	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6143	6334	7496	6804	6804	7458
Quality of Life- Rank	73	32	71	74	63	N/A
% Reporting poor or fair health, adults [#]			21	23	16	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7	7.1	7.5	7.4	7.4	7.2
Health Factors- Rank	80	66	70	67	65	N/A
Health Behaviors- Rank	59	23	18	22	42	N/A
% Smokers, adults [#]			19	17	18	17
% Obese, adults age 20 and older [#]				39	40	36
Food environment index, 0 (worst) to 10 (best)	9.6	9.5	8.9	8.6	8.6	7
% Physically inactive, adults age 20 and older [#]				36	29	21
% Access to exercise opportunities [#]					84	80
% Excessive drinking, adults [#]			17	16	18	20
% Driving deaths with alcohol-involvement ^Δ	40	29	11	20	20	19
Sexually transmitted infection rate, per 100,000 population	246	292	439	364	420	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	44	42	40	37	37	22
Clinical Care- Rank	99	100	98	103	97	N/A
% Uninsured, population under age 65	17	17	15	17	18	10
Primary care physicians rate, per 100,000 population	39	53	55	56	57	79
Dentists rate, per 100,000 population	40	41	56	57	55	62
Mental health providers rate, per 100,000 population	40	55	56	57	55	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	6260	7021	6119	5883	3714	2708
% Mammography screening, Medicare females age 65-74	24	27	22	26	22	42
% Flu vaccinations, Medicare enrollees	30	35	41	43	40	51
Social & Economic Factors- Rank	63	67	77	68	65	N/A
% High school completion, adults age 25 and older [@]			77	80	79	92
% With some college, adults age 25-44	37	43	56	68	67	71
% Unemployed, population age 16 and older	3.2	2.8	2.9	4.1	3	3.2
% Children in poverty	16	17	16	15	15	14
Income inequality ratio, 80th to 20th percentile	4.1	3.7	4.4	4.7	4	4.4
% Children in single-parent households [#]			14	15	12	21
Membership associations rate, per 10,000 population	18.3	18.6	19.1	18.2	19.8	13.2
Injury death rate, per 100,000 population ^Δ	65	68	62	52	52	78
Physical Environment- Rank	53	41	37	46	19	N/A
Average daily density of fine particulate matter	7.2	7.2	6	6.8	6.2	6.7
Drinking water violations?	Yes	No	No	Yes	No	
% Households with severe housing problems	14	14	11	8	7	13
% Driving alone to work	79	82	86	82	80	79
% Long commute - driving alone	11	14	16	10	12	22

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.

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Health Factors: Drivers with greatest impact on ranking, Grant County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	79%	92%	-
2	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
3	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	18%	10%	-
4	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	52	78	+
5	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3%	3.2%	-

Health Outcomes: Drivers with the greatest impact on ranking, Grant County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	6804	7458	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	16%	13%	-
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.4%	7.2%	-
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-

NR: Measure could not be reported for this county.

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Gray County

25

Health Factors Rank

4

Health Outcomes Rank

Population: 5,644



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2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	6	3	3	11	4	N/A
Length of Life- Rank	22	10	7	10	10	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6948	6177	5582	6479	6479	7458
Quality of Life- Rank	2	3	9	12	5	N/A
% Reporting poor or fair health, adults [#]			17	19	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	4.2	4.8	4.7	4.8	4.8	7.2
Health Factors- Rank	8	6	26	18	25	N/A
Health Behaviors- Rank	6	13	17	12	8	N/A
% Smokers, adults [#]			20	17	18	17
% Obese, adults age 20 and older [#]				38	35	36
Food environment index, 0 (worst) to 10 (best)	7.9	7.9	7.9	8.2	8.6	7
% Physically inactive, adults age 20 and older [#]				30	24	21
% Access to exercise opportunities [#]					48	80
% Excessive drinking, adults [#]			19	19	19	20
% Driving deaths with alcohol-involvement ^Δ	14	9	9	10	10	19
Sexually transmitted infection rate, per 100,000 population	130	118	134	100		502
Teen birth rate, per 1,000 females age 15-19 ^Δ	19	16	16	13	13	22
Clinical Care- Rank	86	84	84	70	93	N/A
% Uninsured, population under age 65	15	18	16	18	21	10
Primary care physicians rate, per 100,000 population	17	17	17	17	17	79
Dentists rate, per 100,000 population						62
Mental health providers rate, per 100,000 population	17	17	17	17	18	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	2532	2667	2390	1981	1847	2708
% Mammography screening, Medicare females age 65-74	35	40	30	44	32	42
% Flu vaccinations, Medicare enrollees	31	29	35	44	48	51
Social & Economic Factors- Rank	2	1	10	14	19	N/A
% High school completion, adults age 25 and older [@]			77	78	78	92
% With some college, adults age 25-44	60	59	62	63	62	71
% Unemployed, population age 16 and older	2	2	2	2.2	1.7	3.2
% Children in poverty	10	9	10	8	9	14
Income inequality ratio, 80th to 20th percentile	3.2	3.1	3.1	3.1	3.4	4.4
% Children in single-parent households [#]			15	16	18	21
Membership associations rate, per 10,000 population	26.5	21.8	23.2	23.4	25.2	13.2
Injury death rate, per 100,000 population ^Δ	89	79	70	73	73	78
Physical Environment- Rank	29	27	55	60	48	N/A
Average daily density of fine particulate matter	7.4	7.4	5.9	6.9	6.4	6.7
Drinking water violations?	No	No	Yes	Yes	Yes	
% Households with severe housing problems	10	9	8	7	7	13
% Driving alone to work	82	81	83	84	81	79
% Long commute - driving alone	20	20	19	21	20	22

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.

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Health Factors: Drivers with greatest impact on ranking, Gray County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	21%	10%	-
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.7%	3.2%	+
3	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	78%	92%	-
4	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	9%	14%	+
5	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+

Health Outcomes: Drivers with the greatest impact on ranking, Gray County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	6479	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	4.8%	7.2%	+
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+

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Greeley County

13

Health Factors Rank

55

Health Outcomes Rank

Population: 1,304



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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	34	65	36	31	55	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	23	71	29	21	50	N/A
% Reporting poor or fair health, adults [#]			17	18	15	13
Average number of poor physical health days, adults [#]			4	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ						7.2
Health Factors- Rank	46	40	28	20	13	N/A
Health Behaviors- Rank	47	64	50	8	54	N/A
% Smokers, adults [#]			18	16	18	17
% Obese, adults age 20 and older [#]				36	38	36
Food environment index, 0 (worst) to 10 (best)	6.2	5.8	5.4	8.3	8.4	7
% Physically inactive, adults age 20 and older [#]				29	26	21
% Access to exercise opportunities [#]						80
% Excessive drinking, adults [#]			18	19	19	20
% Driving deaths with alcohol-involvement ^Δ	80	67	50	50	50	19
Sexually transmitted infection rate, per 100,000 population					325	502
Teen birth rate, per 1,000 females age 15-19 ^Δ						22
Clinical Care- Rank	101	102	64	97	79	N/A
% Uninsured, population under age 65	15	14	13	14	15	10
Primary care physicians rate, per 100,000 population	77	80	81	81	84	79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	7409	6956	1463	4123	1088	2708
% Mammography screening, Medicare females age 65-74	24	26	33	25	21	42
% Flu vaccinations, Medicare enrollees	3	5	9	7	5	51
Social & Economic Factors- Rank	16	4	17	18	3	N/A
% High school completion, adults age 25 and older [@]			87	86	88	92
% With some college, adults age 25-44	64	75	76	72	76	71
% Unemployed, population age 16 and older	1.8	2	2.3	1.8	1.2	3.2
% Children in poverty	17	19	16	14	12	14
Income inequality ratio, 80th to 20th percentile	2.9	3	3.2	3.3	3.1	4.4
% Children in single-parent households [#]			20	29	26	21
Membership associations rate, per 10,000 population	54	32	24.4	24.4	33.4	13.2
Injury death rate, per 100,000 population ^Δ	170					78
Physical Environment- Rank	9	9	15	8	1	N/A
Average daily density of fine particulate matter	6.6	6.6	5.4	6	5.4	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	11	13	13	11	10	13
% Driving alone to work	73	72	75	74	63	79
% Long commute - driving alone	12	8	9	9	5	22

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Health Factors: Drivers with greatest impact on ranking, Greeley County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.2%	3.2%	+
2	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1088	2708	+
3	Flu Vaccinations	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	Clinical Care	5%	51%	-
4	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	12%	14%	+
5	Driving Alone to Work	Percentage of the workforce that drives alone to work.	Physical Environment	63%	79%	+

Health Outcomes: Drivers with the greatest impact on ranking, Greeley County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	NR	7.2%	NR

NR: Measure could not be reported for this county.

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Greenwood County



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91

Health Factors Rank

99

Health Outcomes Rank

Population: 5,939

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2023

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	100	103	103	99	99	N/A
Length of Life- Rank	100	101	102	96	96	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	12277	11624	11942	10311	10311	7458
Quality of Life- Rank	70	90	100	101	100	N/A
% Reporting poor or fair health, adults [#]			17	18	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	5	4
% Low birthweight, <2,500 grams ^Δ	5.2	7.8	8.9	9.7	9.7	7.2
Health Factors- Rank	82	76	82	83	91	N/A
Health Behaviors- Rank	75	67	78	85	82	N/A
% Smokers, adults [#]			21	20	21	17
% Obese, adults age 20 and older [#]				38	39	36
Food environment index, 0 (worst) to 10 (best)	6.6	6.6	6.4	6.3	6.5	7
% Physically inactive, adults age 20 and older [#]				31	25	21
% Access to exercise opportunities [#]					45	80
% Excessive drinking, adults [#]			19	19	20	20
% Driving deaths with alcohol-involvement ^Δ	13	9	5	9	9	19
Sexually transmitted infection rate, per 100,000 population	112	65	343	334	318	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	40	33	28	23	23	22
Clinical Care- Rank	56	35	33	23	31	N/A
% Uninsured, population under age 65	11	11	11	11	11	10
Primary care physicians rate, per 100,000 population	49	49	50	50	51	79
Dentists rate, per 100,000 population	33	33	50	51	51	62
Mental health providers rate, per 100,000 population	16	17	17	17	17	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3954	2684	2443	2269	2101	2708
% Mammography screening, Medicare females age 65-74	39	43	39	44	35	42
% Flu vaccinations, Medicare enrollees	36	37	43	46	54	51
Social & Economic Factors- Rank	80	80	83	88	92	N/A
% High school completion, adults age 25 and older [@]			92	92	92	92
% With some college, adults age 25-44	69	70	70	65	63	71
% Unemployed, population age 16 and older	4.3	3.6	3.2	5.2	2.8	3.2
% Children in poverty	24	21	22	21	24	14
Income inequality ratio, 80th to 20th percentile	3.9	4	4.5	4.6	4.2	4.4
% Children in single-parent households [#]			30	29	26	21
Membership associations rate, per 10,000 population	24.4	16.3	18.2	18.4	15.3	13.2
Injury death rate, per 100,000 population ^Δ	141	136	118	116	116	78
Physical Environment- Rank	86	91	91	88	91	N/A
Average daily density of fine particulate matter	8.9	8.9	7.2	8.4	8.2	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	11	10	11	10	10	13
% Driving alone to work	84	82	83	81	80	79
% Long commute - driving alone	34	37	36	38	37	22

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?

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Health Factors: Drivers with greatest impact on ranking, Greenwood County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	24%	14%	-
2	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
3	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	2101	2708	+
4	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	116	78	-
5	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.8%	3.2%	-

Health Outcomes: Drivers with the greatest impact on ranking, Greenwood County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	9.7%	7.2%	-
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	10311	7458	-
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	-

NR: Measure 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.

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67

Health Factors Rank

67

Health Outcomes Rank

Population: 2,484

20
23

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	74	46	79	66	67	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	79	47	85	66	69	N/A
% Reporting poor or fair health, adults [#]			22	22	16	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.8	5.9	6.7	6.8	6.8	7.2
Health Factors- Rank	65	55	75	57	67	N/A
Health Behaviors- Rank	94	80	75	36	38	N/A
% Smokers, adults [#]			21	17	19	17
% Obese, adults age 20 and older [#]				39	38	36
Food environment index, 0 (worst) to 10 (best)	5.7	5.6	5.2	8.2	8.8	7
% Physically inactive, adults age 20 and older [#]				34	28	21
% Access to exercise opportunities [#]					83	80
% Excessive drinking, adults [#]			17	17	18	20
% Driving deaths with alcohol-involvement ^Δ	50	33	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	323	189	341	394	276	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	41	36	33	31	31	22
Clinical Care- Rank	91	93	97	98	96	N/A
% Uninsured, population under age 65	21	23	20	21	22	10
Primary care physicians rate, per 100,000 population					41	79
Dentists rate, per 100,000 population	38	38	39	41	40	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	1867	2699	3607	2498	1333	2708
% Mammography screening, Medicare females age 65-74	30	33	28	25	23	42
% Flu vaccinations, Medicare enrollees	28	30	36	35	32	51
Social & Economic Factors- Rank	28	33	69	71	79	N/A
% High school completion, adults age 25 and older [@]			81	77	81	92
% With some college, adults age 25-44	42	37	39	32	32	71
% Unemployed, population age 16 and older	2.4	2	1.9	1.7	1.4	3.2
% Children in poverty	18	20	19	16	17	14
Income inequality ratio, 80th to 20th percentile	3.3	3.1	2.9	3	3.6	4.4
% Children in single-parent households [#]			10	10	17	21
Membership associations rate, per 10,000 population	35.5	22.7	23	23.6	20.6	13.2
Injury death rate, per 100,000 population ^Δ	117	124	172	141	141	78
Physical Environment- Rank	6	7	5	1	12	N/A
Average daily density of fine particulate matter	6.8	6.8	5.6	6.2	5.6	6.7
Drinking water violations?	No	No	No	No	Yes	
% Households with severe housing problems	12	10	7	5	4	13
% Driving alone to work	65	67	70	69	65	79
% Long commute - driving alone	19	24	22	32	26	22

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.

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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, Hamilton County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.4%	3.2%	+
2	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	32%	71%	-
3	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	22%	10%	-
4	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	81%	92%	-
5	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1333	2708	+

Health Outcomes: Drivers with the greatest impact on ranking, Hamilton County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	16%	13%	-
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.8%	7.2%	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure 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. Drivers are provided in order of impact on ranking for this year. For more information on the calculation of score and rankings, please visit: <https://bit.ly/2023CHRzScores>. For more information on measure source, ranking weight and year(s), please visit <https://bit.ly/CHRinfo>.



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98

Health Factors Rank

90

Health Outcomes Rank

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Population: 5,331

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	91	94	99	87	90	N/A
Length of Life- Rank	97	100	101	95	95	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	10467	11146	11501	10221	10221	7458
Quality of Life- Rank	63	58	69	71	72	N/A
% Reporting poor or fair health, adults [#]			18	20	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	5	4
% Low birthweight, <2,500 grams ^Δ	7.6	6.2	6.9	5.9	5.9	7.2
Health Factors- Rank	85	87	89	95	98	N/A
Health Behaviors- Rank	61	75	71	89	93	N/A
% Smokers, adults [#]			22	21	22	17
% Obese, adults age 20 and older [#]				38	37	36
Food environment index, 0 (worst) to 10 (best)	7.7	7.4	7.4	7.1	7.3	7
% Physically inactive, adults age 20 and older [#]				33	26	21
% Access to exercise opportunities [#]					70	80
% Excessive drinking, adults [#]			18	18	20	20
% Driving deaths with alcohol-involvement ^Δ	9	9	18	17	17	19
Sexually transmitted infection rate, per 100,000 population	241	215	304	184	202	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	36	36	33	32	32	22
Clinical Care- Rank	90	82	96	95	86	N/A
% Uninsured, population under age 65	13	14	13	15	14	10
Primary care physicians rate, per 100,000 population	53	54	54	55	56	79
Dentists rate, per 100,000 population	72	73	74	75	75	62
Mental health providers rate, per 100,000 population	18	18	37	56	56	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5445	5034	7139	5770	3661	2708
% Mammography screening, Medicare females age 65-74	35	33	33	37	29	42
% Flu vaccinations, Medicare enrollees	23	28	30	31	33	51
Social & Economic Factors- Rank	87	84	79	82	96	N/A
% High school completion, adults age 25 and older [@]			90	91	89	92
% With some college, adults age 25-44	55	54	52	53	49	71
% Unemployed, population age 16 and older	3.7	2.9	2.5	4.4	2.6	3.2
% Children in poverty	22	20	20	18	23	14
Income inequality ratio, 80th to 20th percentile	4.3	4.3	3.8	3.5	4.1	4.4
% Children in single-parent households [#]			21	24	23	21
Membership associations rate, per 10,000 population	31.7	25	27.2	27.6	24.4	13.2
Injury death rate, per 100,000 population ^Δ	108	113	136	131	131	78
Physical Environment- Rank	49	47	54	50	50	N/A
Average daily density of fine particulate matter	8.5	8.5	7.2	8	7.6	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	12	11	11	11	11	13
% Driving alone to work	83	81	83	82	80	79
% Long commute - driving alone	19	20	21	23	23	22

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.

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Health Factors: Drivers with greatest impact on ranking, Harper County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	22%	17%	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	23%	14%	-
3	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	49%	71%	-
4	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	131	78	-
5	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	3661	2708	-

Health Outcomes: Drivers with the greatest impact on ranking, Harper County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	10221	7458	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.9%	7.2%	+
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-

NR: Measure could not be reported for this county.

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- Red Minus: Measure with a negative impact on a county’s ranking position.

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14

Health Factors Rank

50

Health Outcomes Rank

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Population: 33,817

20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	27	34	22	29	50	N/A
Length of Life- Rank	20	32	32	30	30	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6841	7751	7403	7507	7507	7458
Quality of Life- Rank	55	39	31	39	62	N/A
% Reporting poor or fair health, adults [#]			15	17	13	13
Average number of poor physical health days, adults [#]			3	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7.5	7.1	7.7	7.9	7.9	7.2
Health Factors- Rank	25	14	6	9	14	N/A
Health Behaviors- Rank	14	9	5	4	17	N/A
% Smokers, adults [#]			18	16	18	17
% Obese, adults age 20 and older [#]				33	38	36
Food environment index, 0 (worst) to 10 (best)	8.1	8.1	8	8.6	8.6	7
% Physically inactive, adults age 20 and older [#]				29	23	21
% Access to exercise opportunities [#]					73	80
% Excessive drinking, adults [#]			19	19	18	20
% Driving deaths with alcohol-involvement ^Δ	11	9	14	17	17	19
Sexually transmitted infection rate, per 100,000 population	402	350	342	386	407	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	29	25	23	21	21	22
Clinical Care- Rank	3	6	6	9	8	N/A
% Uninsured, population under age 65	10	10	9	11	11	10
Primary care physicians rate, per 100,000 population	83	84	79	81	85	79
Dentists rate, per 100,000 population	61	58	61	61	71	62
Mental health providers rate, per 100,000 population	365	380	380	420	438	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	2199	2680	2801	3012	1959	2708
% Mammography screening, Medicare females age 65-74	39	40	42	42	35	42
% Flu vaccinations, Medicare enrollees	51	50	51	53	56	51
Social & Economic Factors- Rank	57	46	30	43	31	N/A
% High school completion, adults age 25 and older [@]			90	91	92	92
% With some college, adults age 25-44	69	70	74	77	75	71
% Unemployed, population age 16 and older	4	3.2	2.9	5.3	2.9	3.2
% Children in poverty	12	14	11	10	12	14
Income inequality ratio, 80th to 20th percentile	4.1	3.9	3.8	3.7	3.4	4.4
% Children in single-parent households [#]			17	17	17	21
Membership associations rate, per 10,000 population	19.8	17.9	18.4	18.9	18.1	13.2
Injury death rate, per 100,000 population ^Δ	93	99	93	89	89	78
Physical Environment- Rank	51	57	84	79	45	N/A
Average daily density of fine particulate matter	9.2	9.2	7.5	8	7.4	6.7
Drinking water violations?	No	No	Yes	Yes	No	
% Households with severe housing problems	10	11	10	10	10	13
% Driving alone to work	80	80	81	79	80	79
% Long commute - driving alone	31	30	29	33	31	22

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.

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Health Factors: Drivers with greatest impact on ranking, Harvey County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	12%	14%	+
2	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
3	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	75%	71%	+
4	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1959	2708	+
5	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.9%	3.2%	-

Health Outcomes: Drivers with the greatest impact on ranking, Harvey County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.9%	7.2%	-
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7507	7458	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

NR: Measure 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.

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Health Factors Rank

72

Health Outcomes Rank

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Population: 3,668

20
23

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	39	37	80	76	72	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	30	35	86	80	79	N/A
% Reporting poor or fair health, adults [#]			23	24	18	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	4	4	4
% Low birthweight, <2,500 grams ^Δ	4.1	6	5.9	6.1	6.1	7.2
Health Factors- Rank	70	56	83	73	64	N/A
Health Behaviors- Rank	78	68	79	51	69	N/A
% Smokers, adults [#]			22	18	20	17
% Obese, adults age 20 and older [#]				39	40	36
Food environment index, 0 (worst) to 10 (best)	5.9	5.9	5.7	8.5	8.6	7
% Physically inactive, adults age 20 and older [#]				35	29	21
% Access to exercise opportunities [#]					59	80
% Excessive drinking, adults [#]			16	17	17	20
% Driving deaths with alcohol-involvement ^Δ	33	20	33	17	17	19
Sexually transmitted infection rate, per 100,000 population	271	296	345	252	151	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	38	38	28	26	26	22
Clinical Care- Rank	97	101	99	99	89	N/A
% Uninsured, population under age 65	19	22	21	21	21	10
Primary care physicians rate, per 100,000 population	25	25	50	25		79
Dentists rate, per 100,000 population		0	0	0	0	62
Mental health providers rate, per 100,000 population	25	25	25	25	55	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5973	4175	4063	3236	1945	2708
% Mammography screening, Medicare females age 65-74	28	20	23	30	27	42
% Flu vaccinations, Medicare enrollees	46	53	57	56	53	51
Social & Economic Factors- Rank	39	18	65	69	47	N/A
% High school completion, adults age 25 and older [@]			72	72	72	92
% With some college, adults age 25-44	45	46	48	45	45	71
% Unemployed, population age 16 and older	2.3	2.2	2.3	2.4	1.8	3.2
% Children in poverty	15	15	15	16	14	14
Income inequality ratio, 80th to 20th percentile	3.6	3.7	4	3.7	3.4	4.4
% Children in single-parent households [#]			13	11	10	21
Membership associations rate, per 10,000 population	27.5	19.7	20	17.6	25.5	13.2
Injury death rate, per 100,000 population ^Δ		59	60	55	55	78
Physical Environment- Rank	24	32	29	35	34	N/A
Average daily density of fine particulate matter	7.4	7.4	6	7	6.4	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	10	12	12	15	13	13
% Driving alone to work	77	79	79	78	77	79
% Long commute - driving alone	19	18	23	20	20	22

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.

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Health Factors: Drivers with greatest impact on ranking, Haskell County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	72%	92%	-
2	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	21%	10%	-
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.8%	3.2%	+
4	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	45%	71%	-
5	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	55	78	+

Health Outcomes: Drivers with the greatest impact on ranking, Haskell County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	18%	13%	-
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.1%	7.2%	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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12

Health Factors Rank

20

Health Outcomes Rank

Population: 1,710

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	18	28	24	21	20	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	8	15	14	13	13	N/A
% Reporting poor or fair health, adults [#]			15	16	12	13
Average number of poor physical health days, adults [#]			3	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7.4	7				7.2
Health Factors- Rank	2	7	13	8	12	N/A
Health Behaviors- Rank	2	5	24	5	6	N/A
% Smokers, adults [#]			18	16	17	17
% Obese, adults age 20 and older [#]				34	36	36
Food environment index, 0 (worst) to 10 (best)	8.2	8	7.8	7.8	8.1	7
% Physically inactive, adults age 20 and older [#]				27	21	21
% Access to exercise opportunities [#]					51	80
% Excessive drinking, adults [#]			19	19	19	20
% Driving deaths with alcohol-involvement ^Δ	14	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population		217				502
Teen birth rate, per 1,000 females age 15-19 ^Δ						22
Clinical Care- Rank	32	54	42	86	84	N/A
% Uninsured, population under age 65	12	14	13	14	14	10
Primary care physicians rate, per 100,000 population	160	163	165	167	112	79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	7773	6783	4607	8039	5374	2708
% Mammography screening, Medicare females age 65-74	62	51	37	41	46	42
% Flu vaccinations, Medicare enrollees	40	36	41	44	47	51
Social & Economic Factors- Rank	3	10	15	10	17	N/A
% High school completion, adults age 25 and older [@]			91	89	91	92
% With some college, adults age 25-44	71	72	71	67	67	71
% Unemployed, population age 16 and older	2.5	2.5	2.4	2.7	1.8	3.2
% Children in poverty	13	13	12	8	11	14
Income inequality ratio, 80th to 20th percentile	3.5	3.7	3.9	3.9	3.4	4.4
% Children in single-parent households [#]			15	14	14	21
Membership associations rate, per 10,000 population	21.4	16.3	16.5	16.7	16.9	13.2
Injury death rate, per 100,000 population ^Δ	127	107	141	110	110	78
Physical Environment- Rank	17	24	24	25	32	N/A
Average daily density of fine particulate matter	7.2	7.2	5.4	6.5	6	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	6	5	6	10	9	13
% Driving alone to work	81	83	85	82	82	79
% Long commute - driving alone	26	24	26	27	26	22

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.

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Health Factors: Drivers with greatest impact on ranking, Hodgeman County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	17%	17%	+
2	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	5374	2708	-
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.8%	3.2%	+
4	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	11%	14%	+
5	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	36%	36%	+

Health Outcomes: Drivers with the greatest impact on ranking, Hodgeman County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
4	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	NR	7.2%	NR

NR: Measure could not be reported for this county.

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Jackson County



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32

Health Factors Rank

Health Outcomes Rank

Population: 13,261

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20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	52	43	30	35	32	N/A
Length of Life- Rank	77	79	31	25	25	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	8430	8608	7221	7310	7310	7458
Quality of Life- Rank	29	28	48	50	44	N/A
% Reporting poor or fair health, adults [#]			16	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	4	4
% Low birthweight, <2,500 grams ^Δ	6.3	6.2	6.3	6.5	6.5	7.2
Health Factors- Rank	43	61	63	69	56	N/A
Health Behaviors- Rank	58	72	80	80	62	N/A
% Smokers, adults [#]			21	19	20	17
% Obese, adults age 20 and older [#]				38	37	36
Food environment index, 0 (worst) to 10 (best)	8.3	8.1	8	7.9	8	7
% Physically inactive, adults age 20 and older [#]				33	23	21
% Access to exercise opportunities [#]					49	80
% Excessive drinking, adults [#]			19	19	19	20
% Driving deaths with alcohol-involvement ^Δ	33	21	25	25	25	19
Sexually transmitted infection rate, per 100,000 population	360	413	353	448	410	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	27	27	28	26	26	22
Clinical Care- Rank	39	50	55	39	51	N/A
% Uninsured, population under age 65	9	10	10	12	12	10
Primary care physicians rate, per 100,000 population	68	68	68	68	61	79
Dentists rate, per 100,000 population	45	45	53	53	53	62
Mental health providers rate, per 100,000 population	38	53	53	53	60	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4934	5003	5171	3811	2709	2708
% Mammography screening, Medicare females age 65-74	46	46	46	51	45	42
% Flu vaccinations, Medicare enrollees	31	29	31	32	31	51
Social & Economic Factors- Rank	29	45	51	62	45	N/A
% High school completion, adults age 25 and older [@]			95	95	94	92
% With some college, adults age 25-44	69	68	65	61	60	71
% Unemployed, population age 16 and older	3.1	3	2.9	5.4	2.6	3.2
% Children in poverty	14	15	16	12	13	14
Income inequality ratio, 80th to 20th percentile	3.6	3.6	3.6	3.7	3.6	4.4
% Children in single-parent households [#]			23	23	18	21
Membership associations rate, per 10,000 population	13.5	8.3	8.3	9.1	9.1	13.2
Injury death rate, per 100,000 population ^Δ	88	91	93	94	94	78
Physical Environment- Rank	65	93	57	74	78	N/A
Average daily density of fine particulate matter	9.3	9.3	7.3	8.7	8.1	6.7
Drinking water violations?	No	Yes	No	No	No	
% Households with severe housing problems	9	10	11	12	14	13
% Driving alone to work	83	82	80	79	77	79
% Long commute - driving alone	39	40	39	43	43	22

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.

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Health Factors: Drivers with greatest impact on ranking, Jackson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	13%	14%	+
2	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	94%	92%	+
3	Social Associations	Number of membership associations per 10,000 population.	Social and Economic Environment	9.1	13.2	-
4	Air Pollution - Particulate Matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	Physical Environment	8.1	6.7	-
5	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	60%	71%	-

Health Outcomes: Drivers with the greatest impact on ranking, Jackson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7310	7458	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.5%	7.2%	+

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Health Factors Rank

7

Health Outcomes Rank

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Population: 18,411

20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	13	4	8	7	7	N/A
Length of Life- Rank	30	26	14	11	11	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7359	7102	6562	6480	6480	7458
Quality of Life- Rank	10	2	7	6	7	N/A
% Reporting poor or fair health, adults [#]			15	16	12	13
Average number of poor physical health days, adults [#]			3	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	5.1	4.9	5.6	5.1	5.1	7.2
Health Factors- Rank	34	35	23	31	32	N/A
Health Behaviors- Rank	48	50	25	35	23	N/A
% Smokers, adults [#]			19	18	18	17
% Obese, adults age 20 and older [#]				34	37	36
Food environment index, 0 (worst) to 10 (best)	8.7	8.7	8.7	8.9	9.1	7
% Physically inactive, adults age 20 and older [#]				28	22	21
% Access to exercise opportunities [#]					37	80
% Excessive drinking, adults [#]			20	21	20	20
% Driving deaths with alcohol-involvement ^Δ	31	30	29	28	28	19
Sexually transmitted infection rate, per 100,000 population	301	300	253	263	257	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	20	19	17	17	17	22
Clinical Care- Rank	21	20	21	12	22	N/A
% Uninsured, population under age 65	9	9	9	9	10	10
Primary care physicians rate, per 100,000 population	48	47	53	58	53	79
Dentists rate, per 100,000 population	16	16	16	21	16	62
Mental health providers rate, per 100,000 population	26	32	32	42	43	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3792	3270	3609	3183	2445	2708
% Mammography screening, Medicare females age 65-74	48	46	47	49	43	42
% Flu vaccinations, Medicare enrollees	52	53	57	56	56	51
Social & Economic Factors- Rank	31	17	20	28	28	N/A
% High school completion, adults age 25 and older [@]			94	94	95	92
% With some college, adults age 25-44	63	65	68	71	70	71
% Unemployed, population age 16 and older	3.6	3.3	3.1	4.9	3	3.2
% Children in poverty	11	11	11	9	10	14
Income inequality ratio, 80th to 20th percentile	3.4	3.4	3.3	3.6	3.6	4.4
% Children in single-parent households [#]			14	13	12	21
Membership associations rate, per 10,000 population	13.2	11.6	11.6	10	10.5	13.2
Injury death rate, per 100,000 population ^Δ	79	87	85	93	93	78
Physical Environment- Rank	77	99	95	100	97	N/A
Average daily density of fine particulate matter	9.7	9.7	7.6	8.9	8.2	6.7
Drinking water violations?	No	Yes	Yes	Yes	Yes	
% Households with severe housing problems	9	10	9	9	9	13
% Driving alone to work	85	85	84	84	82	79
% Long commute - driving alone	47	49	46	48	48	22

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Health Factors: Drivers with greatest impact on ranking, Jefferson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	10%	14%	+
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3%	3.2%	-
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
4	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	95%	92%	+
5	Food Environment Index	Index of factors that contribute to a healthy food environment, from 0 (worst) to 10 (best).	Health Behaviors	9.1	7	+

Health Outcomes: Drivers with the greatest impact on ranking, Jefferson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	6480	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.1%	7.2%	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

NR: Measure could not be reported for this county.

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Jewell County

73

61

Health Factors Rank

Health Outcomes Rank

Population: 2,937



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2023

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	55	44	54	67	61	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	54	44	57	67	60	N/A
% Reporting poor or fair health, adults [#]			19	18	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	4	4
% Low birthweight, <2,500 grams ^Δ	4.8	5.2	5.9	6.4	6.4	7.2
Health Factors- Rank	48	47	61	74	73	N/A
Health Behaviors- Rank	25	18	70	87	97	N/A
% Smokers, adults [#]			23	20	21	17
% Obese, adults age 20 and older [#]				37	41	36
Food environment index, 0 (worst) to 10 (best)	7.4	7.5	7.2	6.9	7.2	7
% Physically inactive, adults age 20 and older [#]				32	26	21
% Access to exercise opportunities [#]					3	80
% Excessive drinking, adults [#]			18	19	19	20
% Driving deaths with alcohol-involvement ^Δ	0	0	0	20	20	19
Sexually transmitted infection rate, per 100,000 population		140	140		0	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	30	31	24			22
Clinical Care- Rank	70	52	54	67	74	N/A
% Uninsured, population under age 65	12	12	11	12	12	10
Primary care physicians rate, per 100,000 population						79
Dentists rate, per 100,000 population	35	35	35	35	0	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5673	4192	4023	4952	3504	2708
% Mammography screening, Medicare females age 65-74	44	44	40	43	39	42
% Flu vaccinations, Medicare enrollees	32	33	31	35	28	51
Social & Economic Factors- Rank	69	66	61	58	48	N/A
% High school completion, adults age 25 and older [@]			93	94	93	92
% With some college, adults age 25-44	68	63	59	65	71	71
% Unemployed, population age 16 and older	3.4	2.8	2.8	3.1	2.2	3.2
% Children in poverty	22	23	21	22	21	14
Income inequality ratio, 80th to 20th percentile	4.4	4.6	4.6	4.4	4	4.4
% Children in single-parent households [#]			10	12	15	21
Membership associations rate, per 10,000 population	27.6	21.1	28.2	27.8	24.7	13.2
Injury death rate, per 100,000 population ^Δ		89	97	98	98	78
Physical Environment- Rank	21	48	43	36	36	N/A
Average daily density of fine particulate matter	7.6	7.6	6.1	7	6.2	6.7
Drinking water violations?	No	Yes	Yes	Yes	Yes	
% Households with severe housing problems	9	8	6	8	8	13
% Driving alone to work	77	79	82	77	75	79
% Long commute - driving alone	20	17	19	17	18	22

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.

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Health Factors: Drivers with greatest impact on ranking, Jewell County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	21%	14%	-
3	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	41%	36%	-
4	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.2%	3.2%	+
5	Sexually Transmitted Infections	Number of newly diagnosed chlamydia cases per 100,000 population.	Health Behaviors	0	502	+

Health Outcomes: Drivers with the greatest impact on ranking, Jewell County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.4%	7.2%	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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1

Health Factors Rank

1

Health Outcomes Rank

Population: 613,219

20
23

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	1	1	1	1	1	N/A
Length of Life- Rank	1	1	1	1	1	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	4287	4252	4424	4541	4541	7458
Quality of Life- Rank	1	1	1	1	1	N/A
% Reporting poor or fair health, adults [#]			11	12	8	13
Average number of poor physical health days, adults [#]			3	3	2	3
Average number of poor mental health days, adults [#]			3	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.5	6.5	6.6	6.5	6.5	7.2
Health Factors- Rank	1	1	1	1	1	N/A
Health Behaviors- Rank	1	1	1	1	1	N/A
% Smokers, adults [#]			13	12	11	17
% Obese, adults age 20 and older [#]				31	29	36
Food environment index, 0 (worst) to 10 (best)	8.6	8.6	8.8	9	9.1	7
% Physically inactive, adults age 20 and older [#]				19	15	21
% Access to exercise opportunities [#]					97	80
% Excessive drinking, adults [#]			20	21	20	20
% Driving deaths with alcohol-involvement ^Δ	29	24	22	17	17	19
Sexually transmitted infection rate, per 100,000 population	304	341	362	357	351	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	11	10	9	8	8	22
Clinical Care- Rank	1	1	1	1	1	N/A
% Uninsured, population under age 65	6	7	7	7	6	10
Primary care physicians rate, per 100,000 population	120	123	124	123	124	79
Dentists rate, per 100,000 population	82	83	87	88	88	62
Mental health providers rate, per 100,000 population	222	230	242	255	272	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3878	3919	3790	3335	2496	2708
% Mammography screening, Medicare females age 65-74	48	50	51	54	49	42
% Flu vaccinations, Medicare enrollees	55	58	61	61	65	51
Social & Economic Factors- Rank	1	2	1	2	1	N/A
% High school completion, adults age 25 and older [@]			96	96	96	92
% With some college, adults age 25-44	84	84	84	85	85	71
% Unemployed, population age 16 and older	3	2.9	2.8	5.1	2.7	3.2
% Children in poverty	6	6	6	4	5	14
Income inequality ratio, 80th to 20th percentile	4	4	3.9	3.9	3.8	4.4
% Children in single-parent households [#]			16	16	15	21
Membership associations rate, per 10,000 population	8.6	8.6	8.6	8.5	8.3	13.2
Injury death rate, per 100,000 population ^Δ	47	49	51	52	52	78
Physical Environment- Rank	72	72	56	43	26	N/A
Average daily density of fine particulate matter	9.8	9.8	6.9	7.8	6.2	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	11	11	11	11	10	13
% Driving alone to work	85	85	85	81	77	79
% Long commute - driving alone	23	23	24	24	24	22

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.

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Health Factors: Drivers with greatest impact on ranking, Johnson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	11%	17%	+
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	5%	14%	+
3	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	29%	36%	+
4	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	85%	71%	+
5	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	6%	10%	+

Health Outcomes: Drivers with the greatest impact on ranking, Johnson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	4541	7458	+
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	2	3	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	8%	13%	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.5%	7.2%	+

NR: Measure could not be reported for this county.

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88

Health Factors Rank

77

Health Outcomes Rank

Population: 3,891

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	65	74	88	88	77	N/A
Length of Life- Rank	39	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7670					7458
Quality of Life- Rank	71	81	102	94	87	N/A
% Reporting poor or fair health, adults [#]			24	25	18	13
Average number of poor physical health days, adults [#]			5	4	3	3
Average number of poor mental health days, adults [#]			5	5	4	4
% Low birthweight, <2,500 grams ^Δ	7.2	7.6	6.8	6.4	6.4	7.2
Health Factors- Rank	56	79	86	81	88	N/A
Health Behaviors- Rank	44	62	82	77	78	N/A
% Smokers, adults [#]			22	19	21	17
% Obese, adults age 20 and older [#]				41	38	36
Food environment index, 0 (worst) to 10 (best)	6.5	6.4	5.5	8.2	8.3	7
% Physically inactive, adults age 20 and older [#]				38	29	21
% Access to exercise opportunities [#]					65	80
% Excessive drinking, adults [#]			16	17	18	20
% Driving deaths with alcohol-involvement ^Δ	14	17	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	303	404	404	287	469	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	34	32	31	30	30	22
Clinical Care- Rank	89	99	85	92	101	N/A
% Uninsured, population under age 65	16	17	15	18	20	10
Primary care physicians rate, per 100,000 population	102	76	152	156	134	79
Dentists rate, per 100,000 population	25	25	26	27	26	62
Mental health providers rate, per 100,000 population	51	51	52	53	51	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3451	6494	4796	4777	4326	2708
% Mammography screening, Medicare females age 65-74	28	32	24	29	26	42
% Flu vaccinations, Medicare enrollees	19	20	28	25	31	51
Social & Economic Factors- Rank	55	63	84	80	82	N/A
% High school completion, adults age 25 and older [@]			76	78	78	92
% With some college, adults age 25-44	51	41	34	33	35	71
% Unemployed, population age 16 and older	2.5	2.4	2.3	2.7	1.6	3.2
% Children in poverty	17	18	13	13	14	14
Income inequality ratio, 80th to 20th percentile	4.2	3.9	3.9	3.8	3.7	4.4
% Children in single-parent households [#]			25	24	34	21
Membership associations rate, per 10,000 population	15.3	12.6	15.2	15.6	16	13.2
Injury death rate, per 100,000 population ^Δ	107	112	107	98	98	78
Physical Environment- Rank	23	19	20	17	18	N/A
Average daily density of fine particulate matter	7.2	7.2	5.7	6.5	5.9	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	9	9	9	11	9	13
% Driving alone to work	79	77	81	80	78	79
% Long commute - driving alone	24	20	15	15	15	22

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.

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Health Factors: Drivers with greatest impact on ranking, Kearny County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	35%	71%	-
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.6%	3.2%	+
3	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	20%	10%	-
4	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	78%	92%	-
5	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-

Health Outcomes: Drivers with the greatest impact on ranking, Kearny County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	18%	13%	-
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.4%	7.2%	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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50

Health Factors Rank

102

Health Outcomes Rank

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Population: 7,392

20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	97	99	100	100	102	N/A
Length of Life- Rank	102	104	104	103	103	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	14647	16901	15535	19645	19645	7458
Quality of Life- Rank	9	9	8	16	24	N/A
% Reporting poor or fair health, adults [#]			14	15	11	13
Average number of poor physical health days, adults [#]			3	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	5.7	6.5	6.2	6.6	6.6	7.2
Health Factors- Rank	49	44	34	44	50	N/A
Health Behaviors- Rank	15	6	8	16	12	N/A
% Smokers, adults [#]			18	17	17	17
% Obese, adults age 20 and older [#]				36	38	36
Food environment index, 0 (worst) to 10 (best)	7.7	7.8	7.8	7.7	7.9	7
% Physically inactive, adults age 20 and older [#]				27	22	21
% Access to exercise opportunities [#]					53	80
% Excessive drinking, adults [#]			19	21	20	20
% Driving deaths with alcohol-involvement ^Δ	0	0	0	20	20	19
Sexually transmitted infection rate, per 100,000 population	247	231	245	196	84	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	20	18	16	13	13	22
Clinical Care- Rank	74	62	69	50	49	N/A
% Uninsured, population under age 65	9	9	9	10	9	10
Primary care physicians rate, per 100,000 population	13	14	27	28	43	79
Dentists rate, per 100,000 population	27	27	28	14	14	62
Mental health providers rate, per 100,000 population	82	82	84	100	95	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	6626	4737	5799	4068	2826	2708
% Mammography screening, Medicare females age 65-74	41	39	41	42	36	42
% Flu vaccinations, Medicare enrollees	37	40	39	41	41	51
Social & Economic Factors- Rank	52	56	53	54	69	N/A
% High school completion, adults age 25 and older [@]			94	93	91	92
% With some college, adults age 25-44	70	73	71	69	60	71
% Unemployed, population age 16 and older	3.7	3.2	3.2	5.2	3.1	3.2
% Children in poverty	19	18	17	15	16	14
Income inequality ratio, 80th to 20th percentile	3.7	3.8	3.9	3.6	3.6	4.4
% Children in single-parent households [#]			17	18	23	21
Membership associations rate, per 10,000 population	22.8	19	23.3	23.8	27.2	13.2
Injury death rate, per 100,000 population ^Δ	118	120	111	99	99	78
Physical Environment- Rank	74	77	45	48	57	N/A
Average daily density of fine particulate matter	8.4	8.4	7	7.7	7.2	6.7
Drinking water violations?	Yes	Yes	No	No	No	
% Households with severe housing problems	9	9	7	7	9	13
% Driving alone to work	81	82	83	85	84	79
% Long commute - driving alone	37	38	40	36	36	22

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Health Factors: Drivers with greatest impact on ranking, Kingman County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	17%	17%	+
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.1%	3.2%	-
3	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	9%	10%	+
4	Teen Births	Number of births per 1,000 female population ages 15-19.	Health Behaviors	13	22	+
5	Sexually Transmitted Infections	Number of newly diagnosed chlamydia cases per 100,000 population.	Health Behaviors	84	502	+

Health Outcomes: Drivers with the greatest impact on ranking, Kingman County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	19645	7458	-
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	11%	13%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.6%	7.2%	+

NR: Measure could not be reported for this county.

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26

Health Factors Rank

57

Health Outcomes Rank

Population: 2,392

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	32	27	48	47	57	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	19	14	44	44	53	N/A
% Reporting poor or fair health, adults [#]			16	18	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	4.9	5.3				7.2
Health Factors- Rank	51	36	30	34	26	N/A
Health Behaviors- Rank	62	39	36	32	43	N/A
% Smokers, adults [#]			19	18	20	17
% Obese, adults age 20 and older [#]				38	38	36
Food environment index, 0 (worst) to 10 (best)	5.2	5.3	5.4	7.6	7.6	7
% Physically inactive, adults age 20 and older [#]				30	24	21
% Access to exercise opportunities [#]					37	80
% Excessive drinking, adults [#]			18	19	19	20
% Driving deaths with alcohol-involvement ^Δ	33	18	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	234		282	162		502
Teen birth rate, per 1,000 females age 15-19 ^Δ	16	16	16	15	15	22
Clinical Care- Rank	85	58	72	61	60	N/A
% Uninsured, population under age 65	12	13	14	15	16	10
Primary care physicians rate, per 100,000 population	40	40	40	40	41	79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population	483	477	444	407	376	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5599	3293	3153	2463	1297	2708
% Mammography screening, Medicare females age 65-74	33	40	45	37	31	42
% Flu vaccinations, Medicare enrollees	30	30	13	38	39	51
Social & Economic Factors- Rank	32	34	24	27	18	N/A
% High school completion, adults age 25 and older [@]			88	89	88	92
% With some college, adults age 25-44	73	66	61	60	65	71
% Unemployed, population age 16 and older	2.5	2.4	2.3	3.3	2.1	3.2
% Children in poverty	18	16	17	16	14	14
Income inequality ratio, 80th to 20th percentile	3.9	3.7	3.6	3.6	3.2	4.4
% Children in single-parent households [#]			13	16	9	21
Membership associations rate, per 10,000 population	60.4	52.3	43.7	48.5	48.9	13.2
Injury death rate, per 100,000 population ^Δ	103	119	112	105	105	78
Physical Environment- Rank	38	36	28	29	21	N/A
Average daily density of fine particulate matter	7.3	7.3	5.9	6.9	6.4	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	15	13	10	10	9	13
% Driving alone to work	80	81	82	84	78	79
% Long commute - driving alone	14	13	10	15	15	22

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.

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Health Factors: Drivers with greatest impact on ranking, Kiowa County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1297	2708	+
2	Social Associations	Number of membership associations per 10,000 population.	Social and Economic Environment	48.9	13.2	+
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.1%	3.2%	+
4	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	16%	10%	-
5	Children in Single-Parent Households	Percentage of children that live in a household headed by a single parent.	Social and Economic Environment	9%	21%	+

Health Outcomes: Drivers with the greatest impact on ranking, Kiowa County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	NR	7.2%	NR

NR: Measure could not be reported for this county.

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Labette County



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96

Health Factors Rank

88

Health Outcomes Rank

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Population: 19,912

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	101	98	91	96	88	N/A
Length of Life- Rank	95	87	84	85	85	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	10198	9143	9003	9665	9665	7458
Quality of Life- Rank	100	103	95	96	83	N/A
% Reporting poor or fair health, adults [#]			20	20	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	4	4
% Low birthweight, <2,500 grams ^Δ	8.4	8.1	7.6	7.3	7.3	7.2
Health Factors- Rank	100	96	100	96	96	N/A
Health Behaviors- Rank	97	98	101	97	101	N/A
% Smokers, adults [#]			23	22	22	17
% Obese, adults age 20 and older [#]				36	41	36
Food environment index, 0 (worst) to 10 (best)	7.2	7.3	7.1	7	7.3	7
% Physically inactive, adults age 20 and older [#]				33	25	21
% Access to exercise opportunities [#]					52	80
% Excessive drinking, adults [#]			18	19	19	20
% Driving deaths with alcohol-involvement ^Δ	19	5	30	32	32	19
Sexually transmitted infection rate, per 100,000 population	245	377	501	444	413	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	40	39	36	35	35	22
Clinical Care- Rank	47	44	45	33	43	N/A
% Uninsured, population under age 65	10	10	11	13	10	10
Primary care physicians rate, per 100,000 population	73	69	60	51	46	79
Dentists rate, per 100,000 population	35	40	41	46	45	62
Mental health providers rate, per 100,000 population	74	75	87	92	90	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3703	3663	2938	1916	2242	2708
% Mammography screening, Medicare females age 65-74	35	34	34	35	30	42
% Flu vaccinations, Medicare enrollees	30	36	36	42	44	51
Social & Economic Factors- Rank	95	90	95	91	89	N/A
% High school completion, adults age 25 and older [@]			90	90	90	92
% With some college, adults age 25-44	58	59	62	63	65	71
% Unemployed, population age 16 and older	4.5	4	4	5.6	3.4	3.2
% Children in poverty	24	23	22	20	21	14
Income inequality ratio, 80th to 20th percentile	4.2	4.1	4.1	4.1	4.1	4.4
% Children in single-parent households [#]			27	23	22	21
Membership associations rate, per 10,000 population	15.2	14.4	12.5	12.7	13.8	13.2
Injury death rate, per 100,000 population ^Δ	87	77	86	80	80	78
Physical Environment- Rank	99	101	100	94	89	N/A
Average daily density of fine particulate matter	9.9	9.9	8.5	9.2	8.7	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	15	14	13	12	11	13
% Driving alone to work	84	85	84	81	79	79
% Long commute - driving alone	16	16	15	17	16	22

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.

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Health Factors: Drivers with greatest impact on ranking, Labette County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	22%	17%	-
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.4%	3.2%	-
3	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	21%	14%	-
4	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	41%	36%	-
5	Air Pollution - Particulate Matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	Physical Environment	8.7	6.7	-

Health Outcomes: Drivers with the greatest impact on ranking, Labette County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9665	7458	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.3%	7.2%	-
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-

NR: Measure could not be reported for this county.

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Lane County

38

Health Factors Rank

51

Health Outcomes Rank

Population: 1,565



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2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	49	57	50	51	51	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	48	61	46	49	43	N/A
% Reporting poor or fair health, adults [#]			17	18	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7.6					7.2
Health Factors- Rank	23	17	41	35	38	N/A
Health Behaviors- Rank	18	24	61	53	52	N/A
% Smokers, adults [#]			20	18	19	17
% Obese, adults age 20 and older [#]				38	38	36
Food environment index, 0 (worst) to 10 (best)	8.4	8.2	7.9	7.8	8	7
% Physically inactive, adults age 20 and older [#]				30	24	21
% Access to exercise opportunities [#]						80
% Excessive drinking, adults [#]			19	19	20	20
% Driving deaths with alcohol-involvement ^Δ	0	0	25	25	25	19
Sexually transmitted infection rate, per 100,000 population						502
Teen birth rate, per 1,000 females age 15-19 ^Δ						22
Clinical Care- Rank	52	43	46	45	70	N/A
% Uninsured, population under age 65	12	14	13	13	15	10
Primary care physicians rate, per 100,000 population	61	64	64	65	0	79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4279	2948	3679	2308	1013	2708
% Mammography screening, Medicare females age 65-74	50	56	53	56	53	42
% Flu vaccinations, Medicare enrollees	35	28	38	12	10	51
Social & Economic Factors- Rank	21	22	39	20	29	N/A
% High school completion, adults age 25 and older [@]			94	96	96	92
% With some college, adults age 25-44	69	67	69	70	76	71
% Unemployed, population age 16 and older	3.4	2.8	2.6	2.9	2	3.2
% Children in poverty	15	15	17	15	14	14
Income inequality ratio, 80th to 20th percentile	4.1	4.5	4.7	5.9	5.6	4.4
% Children in single-parent households [#]			7	0	5	21
Membership associations rate, per 10,000 population	55	38.5	38.5	39.1	32.9	13.2
Injury death rate, per 100,000 population ^Δ	181	148	188	141	141	78
Physical Environment- Rank	36	31	19	30	31	N/A
Average daily density of fine particulate matter	7	7	5.1	6.3	5.7	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	11	10	11	11	12	13
% Driving alone to work	87	83	80	84	81	79
% Long commute - driving alone	14	15	16	18	19	22

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.

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Health Factors: Drivers with greatest impact on ranking, Lane County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1013	2708	+
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2%	3.2%	+
3	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	141	78	-
4	Income Inequality	Ratio of household income at the 80th percentile to income at the 20th percentile.	Social and Economic Environment	5.6	4.4	-
5	Flu Vaccinations	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	Clinical Care	10%	51%	-

Health Outcomes: Drivers with the greatest impact on ranking, Lane County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	NR	7.2%	NR
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

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Leavenworth County



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48

Health Factors Rank

14

Health Outcomes Rank

Population: 82,184

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20
23

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	15	18	13	13	14	N/A
Length of Life- Rank	11	9	10	16	16	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6216	6177	6217	6919	6919	7458
Quality of Life- Rank	52	41	30	18	25	N/A
% Reporting poor or fair health, adults [#]			16	16	12	13
Average number of poor physical health days, adults [#]			4	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7	6.9	7.3	7.3	7.3	7.2
Health Factors- Rank	54	71	44	45	48	N/A
Health Behaviors- Rank	68	86	35	37	41	N/A
% Smokers, adults [#]			18	17	18	17
% Obese, adults age 20 and older [#]				37	37	36
Food environment index, 0 (worst) to 10 (best)	7.4	7.5	7.6	7.7	7.8	7
% Physically inactive, adults age 20 and older [#]				28	23	21
% Access to exercise opportunities [#]					85	80
% Excessive drinking, adults [#]			20	20	21	20
% Driving deaths with alcohol-involvement ^Δ	27	29	26	21	21	19
Sexually transmitted infection rate, per 100,000 population	381	387	499	506	481	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	27	25	22	20	20	22
Clinical Care- Rank	25	24	23	14	25	N/A
% Uninsured, population under age 65	7	7	7	8	8	10
Primary care physicians rate, per 100,000 population	45	44	45	44	47	79
Dentists rate, per 100,000 population	43	44	48	46	52	62
Mental health providers rate, per 100,000 population	194	199	209	219	219	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4740	4570	4508	3947	2979	2708
% Mammography screening, Medicare females age 65-74	39	44	42	44	36	42
% Flu vaccinations, Medicare enrollees	43	46	48	49	51	51
Social & Economic Factors- Rank	43	54	49	57	39	N/A
% High school completion, adults age 25 and older [@]			92	93	93	92
% With some college, adults age 25-44	69	68	67	68	69	71
% Unemployed, population age 16 and older	3.9	3.6	3.4	5.8	3.3	3.2
% Children in poverty	10	12	9	9	9	14
Income inequality ratio, 80th to 20th percentile	3.9	4.1	4	3.9	4.1	4.4
% Children in single-parent households [#]			19	18	18	21
Membership associations rate, per 10,000 population	7.4	7.5	7.9	7.3	6.9	13.2
Injury death rate, per 100,000 population ^Δ	66	66	66	72	72	78
Physical Environment- Rank	96	98	96	73	98	N/A
Average daily density of fine particulate matter	10.1	10.1	8	8.7	8.2	6.7
Drinking water violations?	Yes	Yes	Yes	No	Yes	
% Households with severe housing problems	12	12	10	12	12	13
% Driving alone to work	81	83	83	81	81	79
% Long commute - driving alone	35	35	37	36	38	22

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Health Factors: Drivers with greatest impact on ranking, Leavenworth County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	9%	14%	+
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.3%	3.2%	-
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
4	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	8%	10%	+
5	Excessive Drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	Health Behaviors	21%	20%	-

Health Outcomes: Drivers with the greatest impact on ranking, Leavenworth County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	6919	7458	+
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.3%	7.2%	-
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

NR: Measure could not be reported for this county.

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57

Health Factors Rank

21

Health Outcomes Rank

Population: 2,903

20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	37	25	26	24	21	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	26	12	17	14	15	N/A
% Reporting poor or fair health, adults [#]			15	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	6.4	5.3	6	5	5	7.2
Health Factors- Rank	57	33	38	54	57	N/A
Health Behaviors- Rank	79	38	26	44	44	N/A
% Smokers, adults [#]			20	19	19	17
% Obese, adults age 20 and older [#]				37	38	36
Food environment index, 0 (worst) to 10 (best)	7.5	7.6	7.5	7.7	7.8	7
% Physically inactive, adults age 20 and older [#]				29	23	21
% Access to exercise opportunities [#]					1	80
% Excessive drinking, adults [#]			19	19	20	20
% Driving deaths with alcohol-involvement ^Δ	100	100	0	0	0	19
Sexually transmitted infection rate, per 100,000 population				135	236	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	19					22
Clinical Care- Rank	92	78	70	78	90	N/A
% Uninsured, population under age 65	10	11	11	13	11	10
Primary care physicians rate, per 100,000 population	33	33	33	34	33	79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population	33	33	34	33	34	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	8462	6174	6261	5308	5071	2708
% Mammography screening, Medicare females age 65-74	46	41	56	52	39	42
% Flu vaccinations, Medicare enrollees	36	40	41	42	44	51
Social & Economic Factors- Rank	18	27	34	38	38	N/A
% High school completion, adults age 25 and older [@]			93	94	96	92
% With some college, adults age 25-44	75	75	69	75	77	71
% Unemployed, population age 16 and older	2.8	2.5	2.3	2.9	2.2	3.2
% Children in poverty	18	19	17	17	16	14
Income inequality ratio, 80th to 20th percentile	3.7	3.7	3.5	3.9	4.1	4.4
% Children in single-parent households [#]			35	35	31	21
Membership associations rate, per 10,000 population	32.5	16.4	16.5	16.9	13.4	13.2
Injury death rate, per 100,000 population ^Δ	77	71				78
Physical Environment- Rank	48	20	49	52	44	N/A
Average daily density of fine particulate matter	7.7	7.7	6	7	6.3	6.7
Drinking water violations?	Yes	No	Yes	Yes	Yes	
% Households with severe housing problems	9	8	9	12	10	13
% Driving alone to work	78	75	78	75	74	79
% Long commute - driving alone	29	27	32	26	28	22

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.

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Health Factors: Drivers with greatest impact on ranking, Lincoln County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	5071	2708	-
2	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	77%	71%	+
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.2%	3.2%	+
4	Children in Single-Parent Households	Percentage of children that live in a household headed by a single parent.	Social and Economic Environment	31%	21%	-
5	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	96%	92%	+

Health Outcomes: Drivers with the greatest impact on ranking, Lincoln County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5%	7.2%	+
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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Linn County

101

Health Factors Rank

91

Health Outcomes Rank

Population: 9,747



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2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	87	87	92	91	91	N/A
Length of Life- Rank	91	95	92	91	91	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	9941	9649	9957	9869	9869	7458
Quality of Life- Rank	65	68	78	88	82	N/A
% Reporting poor or fair health, adults [#]			19	20	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	5	4
% Low birthweight, <2,500 grams ^Δ	5.7	6.3	5.9	6.4	6.4	7.2
Health Factors- Rank	99	102	103	100	101	N/A
Health Behaviors- Rank	85	99	103	100	99	N/A
% Smokers, adults [#]			24	21	21	17
% Obese, adults age 20 and older [#]				38	39	36
Food environment index, 0 (worst) to 10 (best)	7.7	7.5	7.3	7.3	7.6	7
% Physically inactive, adults age 20 and older [#]				33	25	21
% Access to exercise opportunities [#]					43	80
% Excessive drinking, adults [#]			17	20	20	20
% Driving deaths with alcohol-involvement ^Δ	14	20	38	36	36	19
Sexually transmitted infection rate, per 100,000 population	304	350	288	268	165	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	35	37	35	33	33	22
Clinical Care- Rank	81	77	75	89	94	N/A
% Uninsured, population under age 65	12	11	11	12	12	10
Primary care physicians rate, per 100,000 population	10	21	21	10	10	79
Dentists rate, per 100,000 population	41	41	41	41	41	62
Mental health providers rate, per 100,000 population	72	92	93	83	92	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3680	4863	4612	5511	4445	2708
% Mammography screening, Medicare females age 65-74	37	42	40	43	38	42
% Flu vaccinations, Medicare enrollees	24	25	29	31	33	51
Social & Economic Factors- Rank	96	102	101	98	98	N/A
% High school completion, adults age 25 and older [@]			90	91	94	92
% With some college, adults age 25-44	60	59	60	58	62	71
% Unemployed, population age 16 and older	5.9	5.9	5.9	7	4.3	3.2
% Children in poverty	19	18	17	16	16	14
Income inequality ratio, 80th to 20th percentile	4.6	5.1	4.9	5.1	4.8	4.4
% Children in single-parent households [#]			19	18	22	21
Membership associations rate, per 10,000 population	10.5	7.2	7.2	7.2	7.3	13.2
Injury death rate, per 100,000 population ^Δ	98	96	91	101	101	78
Physical Environment- Rank	102	104	103	103	101	N/A
Average daily density of fine particulate matter	9.3	9.3	7.2	7.9	7.5	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	18	20	17	16	15	13
% Driving alone to work	84	82	81	80	79	79
% Long commute - driving alone	49	50	51	54	50	22

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.

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Health Factors: Drivers with greatest impact on ranking, Linn County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	4.3%	3.2%	-
2	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
3	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	4445	2708	-
4	Primary Care Physicians	Ratio of population to primary care physicians.	Clinical Care	10	79	-
5	Income Inequality	Ratio of household income at the 80th percentile to income at the 20th percentile.	Social and Economic Environment	4.8	4.4	-

Health Outcomes: Drivers with the greatest impact on ranking, Linn County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9869	7458	-
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.4%	7.2%	+

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Logan County

33

Health Factors Rank

64

Health Outcomes Rank

Population: 2,722



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2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	30	23	40	52	64	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	17	10	33	51	65	N/A
% Reporting poor or fair health, adults [#]			16	18	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7	6.7	6.7	6.7	6.7	7.2
Health Factors- Rank	7	16	15	43	33	N/A
Health Behaviors- Rank	19	11	32	67	73	N/A
% Smokers, adults [#]			19	19	20	17
% Obese, adults age 20 and older [#]				37	38	36
Food environment index, 0 (worst) to 10 (best)	7.9	8	8	8.3	8.2	7
% Physically inactive, adults age 20 and older [#]				30	24	21
% Access to exercise opportunities [#]					75	80
% Excessive drinking, adults [#]			19	19	20	20
% Driving deaths with alcohol-involvement ^Δ	40	25	33	50	50	19
Sexually transmitted infection rate, per 100,000 population	177	213	142	179	179	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	25	27	30	29	29	22
Clinical Care- Rank	51	80	49	35	24	N/A
% Uninsured, population under age 65	9	10	10	10	12	10
Primary care physicians rate, per 100,000 population	106	71	105	107	73	79
Dentists rate, per 100,000 population	71	70	72	73	110	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	7909	8354	6688	4906	2091	2708
% Mammography screening, Medicare females age 65-74	39	35	45	40	38	42
% Flu vaccinations, Medicare enrollees	39	39	40	40	46	51
Social & Economic Factors- Rank	6	15	11	31	22	N/A
% High school completion, adults age 25 and older [@]			91	91	92	92
% With some college, adults age 25-44	66	69	70	68	65	71
% Unemployed, population age 16 and older	2.1	2.2	2	2.5	1.6	3.2
% Children in poverty	14	15	15	13	13	14
Income inequality ratio, 80th to 20th percentile	3.6	3.7	3.8	4.3	4.3	4.4
% Children in single-parent households [#]			23	29	24	21
Membership associations rate, per 10,000 population	31.8	17.7	17.6	17.9	18.3	13.2
Injury death rate, per 100,000 population ^Δ	85	78	78	86	86	78
Physical Environment- Rank	16	16	16	31	22	N/A
Average daily density of fine particulate matter	6.7	6.7	5.1	6	5.4	6.7
Drinking water violations?	No	No	No	Yes	Yes	
% Households with severe housing problems	12	15	13	10	6	13
% Driving alone to work	76	72	75	77	72	79
% Long commute - driving alone	17	17	19	21	25	22

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Health Factors: Drivers with greatest impact on ranking, Logan County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.6%	3.2%	+
2	Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	Health Behaviors	50%	19%	-
3	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	2091	2708	+
4	Air Pollution - Particulate Matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	Physical Environment	5.4	6.7	+
5	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	13%	14%	+

Health Outcomes: Drivers with the greatest impact on ranking, Logan County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.7%	7.2%	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	+
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

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Lyon County

42

Health Factors Rank

69

Health Outcomes Rank

Population: 31,998



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2023

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	62	41	52	53	69	N/A
Length of Life- Rank	16	15	27	19	19	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6534	6523	6978	7196	7196	7458
Quality of Life- Rank	95	85	77	76	91	N/A
% Reporting poor or fair health, adults [#]			19	20	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	5	4
% Low birthweight, <2,500 grams ^Δ	7.4	7.7	7.9	7.8	7.8	7.2
Health Factors- Rank	76	81	53	60	42	N/A
Health Behaviors- Rank	89	94	54	65	53	N/A
% Smokers, adults [#]			19	17	18	17
% Obese, adults age 20 and older [#]				41	40	36
Food environment index, 0 (worst) to 10 (best)	7.6	7.5	7.7	7.9	8.1	7
% Physically inactive, adults age 20 and older [#]				34	25	21
% Access to exercise opportunities [#]					75	80
% Excessive drinking, adults [#]			19	17	18	20
% Driving deaths with alcohol-involvement ^Δ	27	33	38	35	35	19
Sexually transmitted infection rate, per 100,000 population	468	518	524	651	636	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	26	23	21	19	19	22
Clinical Care- Rank	26	18	24	13	14	N/A
% Uninsured, population under age 65	13	12	12	14	13	10
Primary care physicians rate, per 100,000 population	66	63	57	57	57	79
Dentists rate, per 100,000 population	66	60	63	61	63	62
Mental health providers rate, per 100,000 population	311	326	337	360	375	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4177	3775	4467	2667	1897	2708
% Mammography screening, Medicare females age 65-74	49	50	55	51	47	42
% Flu vaccinations, Medicare enrollees	50	51	55	55	56	51
Social & Economic Factors- Rank	75	69	73	70	52	N/A
% High school completion, adults age 25 and older [@]			88	88	88	92
% With some college, adults age 25-44	65	63	69	67	66	71
% Unemployed, population age 16 and older	3.8	3.5	3.4	4.8	2.8	3.2
% Children in poverty	17	15	16	14	14	14
Income inequality ratio, 80th to 20th percentile	4.6	4.4	4.4	4.6	4.1	4.4
% Children in single-parent households [#]			24	21	15	21
Membership associations rate, per 10,000 population	11.6	10.8	11.1	11.4	11.5	13.2
Injury death rate, per 100,000 population ^Δ	62	65	70	68	68	78
Physical Environment- Rank	80	86	51	90	64	N/A
Average daily density of fine particulate matter	9.1	9.1	7.2	8.6	8.2	6.7
Drinking water violations?	Yes	Yes	No	Yes	No	
% Households with severe housing problems	15	14	15	15	15	13
% Driving alone to work	78	79	79	79	78	79
% Long commute - driving alone	13	14	13	13	13	22

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Health Factors: Drivers with greatest impact on ranking, Lyon County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
2	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	68	78	+
3	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1897	2708	+
4	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	40%	36%	-
5	Flu Vaccinations	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	Clinical Care	56%	51%	+

Health Outcomes: Drivers with the greatest impact on ranking, Lyon County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7196	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.8%	7.2%	-
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-

NR: Measure could not be reported for this county.

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3

Health Factors Rank

6

Health Outcomes Rank

Population: 30,146

20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	9	9	9	5	6	N/A
Length of Life- Rank	23	18	11	8	8	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7075	6695	6479	5767	5767	7458
Quality of Life- Rank	7	8	11	9	11	N/A
% Reporting poor or fair health, adults [#]			15	16	12	13
Average number of poor physical health days, adults [#]			3	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.6	6.2	5.9	5.5	5.5	7.2
Health Factors- Rank	3	2	5	6	3	N/A
Health Behaviors- Rank	3	3	7	19	4	N/A
% Smokers, adults [#]			19	17	17	17
% Obese, adults age 20 and older [#]				37	32	36
Food environment index, 0 (worst) to 10 (best)	8.2	8	8	7.9	8.2	7
% Physically inactive, adults age 20 and older [#]				27	21	21
% Access to exercise opportunities [#]					80	80
% Excessive drinking, adults [#]			20	19	19	20
% Driving deaths with alcohol-involvement ^Δ	20	19	21	22	22	19
Sexually transmitted infection rate, per 100,000 population	370	296	286	357	291	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	22	19	17	16	16	22
Clinical Care- Rank	11	8	7	7	12	N/A
% Uninsured, population under age 65	9	9	8	9	9	10
Primary care physicians rate, per 100,000 population	73	73	70	70	77	79
Dentists rate, per 100,000 population	56	49	53	53	50	62
Mental health providers rate, per 100,000 population	91	88	91	91	100	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3075	2827	3408	3034	2131	2708
% Mammography screening, Medicare females age 65-74	42	42	45	44	41	42
% Flu vaccinations, Medicare enrollees	51	53	52	55	52	51
Social & Economic Factors- Rank	10	9	2	6	14	N/A
% High school completion, adults age 25 and older [@]			91	91	92	92
% With some college, adults age 25-44	72	72	73	73	71	71
% Unemployed, population age 16 and older	2.8	2.6	2.2	3.5	2.1	3.2
% Children in poverty	10	11	9	8	9	14
Income inequality ratio, 80th to 20th percentile	3.5	3.9	3.7	3.6	3.7	4.4
% Children in single-parent households [#]			17	15	15	21
Membership associations rate, per 10,000 population	24.6	24	24.5	24.2	22.8	13.2
Injury death rate, per 100,000 population ^Δ	118	116	107	112	112	78
Physical Environment- Rank	41	67	74	76	41	N/A
Average daily density of fine particulate matter	8.8	8.8	7.3	7.9	7.3	6.7
Drinking water violations?	No	Yes	Yes	Yes	No	
% Households with severe housing problems	8	8	8	10	10	13
% Driving alone to work	83	82	83	82	82	79
% Long commute - driving alone	13	14	15	16	17	22

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.

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Health Factors: Drivers with greatest impact on ranking, McPherson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	17%	17%	+
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	9%	14%	+
3	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	32%	36%	+
4	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.1%	3.2%	+
5	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	2131	2708	+

Health Outcomes: Drivers with the greatest impact on ranking, McPherson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	5767	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.5%	7.2%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

NR: Measure could not be reported for this county.

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- Red Minus: Measure with a negative impact on a county’s ranking position.

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Marion County



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18

Health Factors Rank

34

Health Outcomes Rank

County Health
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Population: 11,712

20
23

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	8	12	27	23	34	N/A
Length of Life- Rank	26	19	34	41	41	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7186	6758	7442	7974	7974	7458
Quality of Life- Rank	6	11	34	22	36	N/A
% Reporting poor or fair health, adults [#]			16	16	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	5	5.4	6.4	6.3	6.3	7.2
Health Factors- Rank	36	31	42	14	18	N/A
Health Behaviors- Rank	16	34	58	15	10	N/A
% Smokers, adults [#]			20	18	18	17
% Obese, adults age 20 and older [#]				35	33	36
Food environment index, 0 (worst) to 10 (best)	7.7	7.7	7.8	7.7	7.9	7
% Physically inactive, adults age 20 and older [#]				26	23	21
% Access to exercise opportunities [#]					35	80
% Excessive drinking, adults [#]			19	20	19	20
% Driving deaths with alcohol-involvement ^Δ	15	17	14	16	16	19
Sexually transmitted infection rate, per 100,000 population	165	134	209	160	219	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	15	15	15	15	15	22
Clinical Care- Rank	64	42	43	44	67	N/A
% Uninsured, population under age 65	12	11	10	12	11	10
Primary care physicians rate, per 100,000 population	33	33	17	17	17	79
Dentists rate, per 100,000 population	25	33	25	34	34	62
Mental health providers rate, per 100,000 population	58	50	50	51	60	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3810	2983	3313	2861	2966	2708
% Mammography screening, Medicare females age 65-74	39	41	44	42	34	42
% Flu vaccinations, Medicare enrollees	38	37	42	44	47	51
Social & Economic Factors- Rank	44	24	22	19	26	N/A
% High school completion, adults age 25 and older [@]			92	91	92	92
% With some college, adults age 25-44	65	66	69	66	65	71
% Unemployed, population age 16 and older	3.6	3.1	3	4.1	2.4	3.2
% Children in poverty	14	12	13	10	11	14
Income inequality ratio, 80th to 20th percentile	3.9	3.7	3.6	3.5	3.5	4.4
% Children in single-parent households [#]			19	19	20	21
Membership associations rate, per 10,000 population	28.9	27.5	29.3	26.1	24.9	13.2
Injury death rate, per 100,000 population ^Δ	81	83	95	87	87	78
Physical Environment- Rank	45	73	71	26	29	N/A
Average daily density of fine particulate matter	8.9	8.9	7.3	8	7.6	6.7
Drinking water violations?	No	Yes	Yes	No	No	
% Households with severe housing problems	11	10	10	9	7	13
% Driving alone to work	78	77	76	75	74	79
% Long commute - driving alone	27	29	32	35	35	22

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.

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Health Factors: Drivers with greatest impact on ranking, Marion County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	33%	36%	+
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	11%	14%	+
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
4	Primary Care Physicians	Ratio of population to primary care physicians.	Clinical Care	17	79	-
5	Teen Births	Number of births per 1,000 female population ages 15-19.	Health Behaviors	15	22	+

Health Outcomes: Drivers with the greatest impact on ranking, Marion County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7974	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.3%	7.2%	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

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Marshall County



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43

24

Health Factors Rank

Health Outcomes Rank

Population: 9,979

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20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	10	32	38	36	24	N/A
Length of Life- Rank	4	36	38	34	34	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	5649	7960	7858	7689	7689	7458
Quality of Life- Rank	44	30	40	42	28	N/A
% Reporting poor or fair health, adults [#]			17	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	6.8	6.6	6.6	6.3	6.3	7.2
Health Factors- Rank	18	30	46	48	43	N/A
Health Behaviors- Rank	22	40	68	74	58	N/A
% Smokers, adults [#]			20	19	20	17
% Obese, adults age 20 and older [#]				36	35	36
Food environment index, 0 (worst) to 10 (best)	8.2	8.2	8.1	7.4	7.8	7
% Physically inactive, adults age 20 and older [#]				31	24	21
% Access to exercise opportunities [#]					38	80
% Excessive drinking, adults [#]			20	20	21	20
% Driving deaths with alcohol-involvement ^Δ	44	42	40	40	40	19
Sexually transmitted infection rate, per 100,000 population	171	195	185	103	82	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	24	20	18	14	14	22
Clinical Care- Rank	33	56	36	38	41	N/A
% Uninsured, population under age 65	9	8	8	9	9	10
Primary care physicians rate, per 100,000 population	61	51	51	52	52	79
Dentists rate, per 100,000 population	62	62	62	62	70	62
Mental health providers rate, per 100,000 population	62	62	72	83	80	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5327	6306	5301	4935	3582	2708
% Mammography screening, Medicare females age 65-74	47	47	51	48	47	42
% Flu vaccinations, Medicare enrollees	35	33	37	39	42	51
Social & Economic Factors- Rank	17	25	32	21	33	N/A
% High school completion, adults age 25 and older [@]			92	91	91	92
% With some college, adults age 25-44	65	61	62	61	58	71
% Unemployed, population age 16 and older	2.8	2.6	2.9	3.1	1.9	3.2
% Children in poverty	14	15	12	11	12	14
Income inequality ratio, 80th to 20th percentile	3.8	3.9	3.7	3.6	4.1	4.4
% Children in single-parent households [#]			15	15	15	21
Membership associations rate, per 10,000 population	28.5	22.6	20.6	20.6	16.6	13.2
Injury death rate, per 100,000 population ^Δ	95	116	106	113	113	78
Physical Environment- Rank	44	40	58	63	60	N/A
Average daily density of fine particulate matter	8.8	8.8	7.2	8.2	7.6	6.7
Drinking water violations?	No	No	Yes	Yes	Yes	
% Households with severe housing problems	11	10	8	9	8	13
% Driving alone to work	81	79	79	78	77	79
% Long commute - driving alone	14	14	15	17	16	22

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.

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Health Factors: Drivers with greatest impact on ranking, Marshall County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.9%	3.2%	+
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	12%	14%	+
3	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	35%	36%	+
4	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	9%	10%	+
5	Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	Health Behaviors	40%	19%	-

Health Outcomes: Drivers with the greatest impact on ranking, Marshall County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7689	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.3%	7.2%	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+

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Meade County



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Health Factors Rank

101

Health Outcomes Rank

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Population: 4,022

20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	50	95	101	103	101	N/A
Length of Life- Rank	46	102	99	102	102	N/A
Premature death (years of potential life lost, per 100,000) ^Δ		11905	11057	13268	13268	7458
Quality of Life- Rank	50	33	88	93	94	N/A
% Reporting poor or fair health, adults [#]			19	20	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.8	6.1	7.8	8.8	8.8	7.2
Health Factors- Rank	44	46	64	59	71	N/A
Health Behaviors- Rank	37	58	62	39	63	N/A
% Smokers, adults [#]			20	18	20	17
% Obese, adults age 20 and older [#]				36	37	36
Food environment index, 0 (worst) to 10 (best)	7.1	7.2	7.1	7.5	7.6	7
% Physically inactive, adults age 20 and older [#]				32	26	21
% Access to exercise opportunities [#]					27	80
% Excessive drinking, adults [#]			18	18	19	20
% Driving deaths with alcohol-involvement ^Δ	31	38	26	25	25	19
Sexually transmitted infection rate, per 100,000 population	254	209	116	149	149	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	29	24	26	22	22	22
Clinical Care- Rank	95	89	92	96	103	N/A
% Uninsured, population under age 65	14	15	14	17	20	10
Primary care physicians rate, per 100,000 population	47	23				79
Dentists rate, per 100,000 population	23	24	25	25	25	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	6254	4455	5772	5005	4046	2708
% Mammography screening, Medicare females age 65-74	28	31	26	31	29	42
% Flu vaccinations, Medicare enrollees	37	40	42	39	37	51
Social & Economic Factors- Rank	41	29	55	50	61	N/A
% High school completion, adults age 25 and older [@]			81	82	85	92
% With some college, adults age 25-44	49	51	54	56	61	71
% Unemployed, population age 16 and older	2.4	2.1	2.3	2.8	2.2	3.2
% Children in poverty	14	13	14	12	13	14
Income inequality ratio, 80th to 20th percentile	3.6	4	3.8	3.3	3.7	4.4
% Children in single-parent households [#]			21	19	18	21
Membership associations rate, per 10,000 population	35.6	32.5	33.8	34.7	32.3	13.2
Injury death rate, per 100,000 population ^Δ	102	126	138	159	159	78
Physical Environment- Rank	7	11	12	32	15	N/A
Average daily density of fine particulate matter	7.1	7.1	5.8	6.8	6.3	6.7
Drinking water violations?	No	No	No	Yes	No	
% Households with severe housing problems	9	10	8	7	7	13
% Driving alone to work	71	72	77	77	76	79
% Long commute - driving alone	18	18	17	15	17	22

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Health Factors: Drivers with greatest impact on ranking, Meade County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	20%	10%	-
2	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	159	78	-
3	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	85%	92%	-
4	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.2%	3.2%	+
5	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	4046	2708	-

Health Outcomes: Drivers with the greatest impact on ranking, Meade County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	13268	7458	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	8.8%	7.2%	-
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-

NR: Measure could not be reported for this county.

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22

Health Factors Rank

8

Health Outcomes Rank

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Population: 34,593

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	24	10	10	6	8	N/A
Length of Life- Rank	25	25	19	12	12	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7183	7054	6678	6609	6609	7458
Quality of Life- Rank	33	7	10	5	6	N/A
% Reporting poor or fair health, adults [#]			14	14	11	13
Average number of poor physical health days, adults [#]			3	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	5.9	6.2	6.4	6.3	6.3	7.2
Health Factors- Rank	38	39	19	26	22	N/A
Health Behaviors- Rank	43	27	11	18	11	N/A
% Smokers, adults [#]			18	17	17	17
% Obese, adults age 20 and older [#]				38	37	36
Food environment index, 0 (worst) to 10 (best)	8.5	8.5	8.5	8.3	8.4	7
% Physically inactive, adults age 20 and older [#]				28	22	21
% Access to exercise opportunities [#]					70	80
% Excessive drinking, adults [#]			22	20	20	20
% Driving deaths with alcohol-involvement ^Δ	15	14	21	22	22	19
Sexually transmitted infection rate, per 100,000 population	218	224	302	257	269	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	22	20	19	17	17	22
Clinical Care- Rank	23	33	26	22	37	N/A
% Uninsured, population under age 65	7	7	7	7	7	10
Primary care physicians rate, per 100,000 population	46	48	48	53	55	79
Dentists rate, per 100,000 population	24	24	23	26	23	62
Mental health providers rate, per 100,000 population	167	160	164	166	162	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4331	4909	4270	3976	3641	2708
% Mammography screening, Medicare females age 65-74	45	44	46	45	40	42
% Flu vaccinations, Medicare enrollees	39	40	42	42	46	51
Social & Economic Factors- Rank	25	30	21	26	21	N/A
% High school completion, adults age 25 and older [@]			96	96	95	92
% With some college, adults age 25-44	68	70	70	68	71	71
% Unemployed, population age 16 and older	3.7	3.6	3.3	5	2.9	3.2
% Children in poverty	9	10	9	8	9	14
Income inequality ratio, 80th to 20th percentile	4.1	4	4	4.1	3.7	4.4
% Children in single-parent households [#]			15	15	17	21
Membership associations rate, per 10,000 population	13.3	13.4	13.1	13.1	12.5	13.2
Injury death rate, per 100,000 population ^Δ	77	81	83	79	79	78
Physical Environment- Rank	101	103	99	98	95	N/A
Average daily density of fine particulate matter	9.7	9.7	7.3	8	7.5	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	13	13	13	13	11	13
% Driving alone to work	83	83	83	82	81	79
% Long commute - driving alone	50	50	51	51	53	22

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, Miami County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	17%	17%	+
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	9%	14%	+
3	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	7%	10%	+
4	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.9%	3.2%	-
5	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	95%	92%	+

Health Outcomes: Drivers with the greatest impact on ranking, Miami County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	6609	7458	+
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	11%	13%	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.3%	7.2%	+

NR: Measure could not be reported for this county.

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- Red Minus: Measure with a negative impact on a county’s ranking position.

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20

Health Factors Rank

16

Health Outcomes Rank

Population: 5,748

20
23

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	11	14	17	14	16	N/A
Length of Life- Rank	7	5	21	9	9	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	5858	5459	6776	6388	6388	7458
Quality of Life- Rank	34	56	32	46	46	N/A
% Reporting poor or fair health, adults [#]			16	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	7	7	6.5	6.6	6.6	7.2
Health Factors- Rank	5	11	25	28	20	N/A
Health Behaviors- Rank	5	20	22	58	48	N/A
% Smokers, adults [#]			20	19	19	17
% Obese, adults age 20 and older [#]				36	39	36
Food environment index, 0 (worst) to 10 (best)	8	7.8	7.8	7.4	7.7	7
% Physically inactive, adults age 20 and older [#]				29	23	21
% Access to exercise opportunities [#]					70	80
% Excessive drinking, adults [#]			20	19	19	20
% Driving deaths with alcohol-involvement ^Δ	14	17	25	25	25	19
Sexually transmitted infection rate, per 100,000 population	223	82	163	201	184	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	24	21	25	21	21	22
Clinical Care- Rank	13	29	60	32	20	N/A
% Uninsured, population under age 65	9	10	9	10	9	10
Primary care physicians rate, per 100,000 population	96	98	98	100	102	79
Dentists rate, per 100,000 population	49	49	67	68	70	62
Mental health providers rate, per 100,000 population	98	98	100	85	87	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5396	5490	8716	5460	3079	2708
% Mammography screening, Medicare females age 65-74	43	44	42	43	38	42
% Flu vaccinations, Medicare enrollees	55	54	55	50	49	51
Social & Economic Factors- Rank	9	7	13	12	12	N/A
% High school completion, adults age 25 and older [@]			95	94	95	92
% With some college, adults age 25-44	78	75	75	73	80	71
% Unemployed, population age 16 and older	2.7	2.3	2.4	2.7	2	3.2
% Children in poverty	17	18	17	14	13	14
Income inequality ratio, 80th to 20th percentile	3.8	4.1	3.7	3.3	3.8	4.4
% Children in single-parent households [#]			18	21	25	21
Membership associations rate, per 10,000 population	32	21.2	21.1	21.7	23.8	13.2
Injury death rate, per 100,000 population ^Δ	70	80	84	92	92	78
Physical Environment- Rank	73	75	69	69	55	N/A
Average daily density of fine particulate matter	7.8	7.8	6.2	7.1	6.3	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	12	11	12	12	9	13
% Driving alone to work	87	87	85	82	82	79
% Long commute - driving alone	5	8	8	10	13	22

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, Mitchell County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2%	3.2%	+
2	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	80%	71%	+
3	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	9%	10%	+
4	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	95%	92%	+
5	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	13%	14%	+

Health Outcomes: Drivers with the greatest impact on ranking, Mitchell County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	6388	7458	+
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.6%	7.2%	+
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+

NR: Measure could not be reported for this county.

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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. Drivers are provided in order of impact on ranking for this year. For more information on the calculation of score and rankings, please visit: <https://bit.ly/2023CHRzScores>. For more information on measure source, ranking weight and year(s), please visit <https://bit.ly/CHRinfo>.



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99

Health Factors Rank

96

Health Outcomes Rank

Population: 31,156

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	98	101	97	98	96	N/A
Length of Life- Rank	96	99	97	93	93	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	10447	10350	10422	10010	10010	7458
Quality of Life- Rank	98	99	94	99	98	N/A
% Reporting poor or fair health, adults [#]			20	21	16	13
Average number of poor physical health days, adults [#]			4	4	4	3
Average number of poor mental health days, adults [#]			5	5	5	4
% Low birthweight, <2,500 grams ^Δ	7.4	7.5	7.6	7.8	7.8	7.2
Health Factors- Rank	101	103	101	103	99	N/A
Health Behaviors- Rank	98	101	97	98	96	N/A
% Smokers, adults [#]			24	21	21	17
% Obese, adults age 20 and older [#]				41	41	36
Food environment index, 0 (worst) to 10 (best)	6.9	7	6.9	6.7	6.7	7
% Physically inactive, adults age 20 and older [#]				32	27	21
% Access to exercise opportunities [#]					76	80
% Excessive drinking, adults [#]			15	18	17	20
% Driving deaths with alcohol-involvement ^Δ	22	16	14	13	13	19
Sexually transmitted infection rate, per 100,000 population	363	378	415	515	503	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	39	38	33	31	31	22
Clinical Care- Rank	66	65	62	66	56	N/A
% Uninsured, population under age 65	12	13	12	13	12	10
Primary care physicians rate, per 100,000 population	31	34	37	31	32	79
Dentists rate, per 100,000 population	58	56	53	54	55	62
Mental health providers rate, per 100,000 population	218	209	207	210	212	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4516	4530	4407	3640	2434	2708
% Mammography screening, Medicare females age 65-74	34	36	36	36	31	42
% Flu vaccinations, Medicare enrollees	42	38	38	38	41	51
Social & Economic Factors- Rank	101	103	96	103	100	N/A
% High school completion, adults age 25 and older [@]			89	90	90	92
% With some college, adults age 25-44	67	67	67	64	61	71
% Unemployed, population age 16 and older	5.2	4.3	4.1	7.3	3.9	3.2
% Children in poverty	25	29	21	25	22	14
Income inequality ratio, 80th to 20th percentile	4.6	4.5	4.5	4.6	4.1	4.4
% Children in single-parent households [#]			20	23	25	21
Membership associations rate, per 10,000 population	21.4	19.4	19	19.2	20	13.2
Injury death rate, per 100,000 population ^Δ	102	108	110	106	106	78
Physical Environment- Rank	94	97	98	102	102	N/A
Average daily density of fine particulate matter	10.1	10.1	8.7	9.5	9	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	15	15	14	13	13	13
% Driving alone to work	80	79	79	82	83	79
% Long commute - driving alone	16	16	17	19	19	22

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.

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Health Factors: Drivers with greatest impact on ranking, Montgomery County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.9%	3.2%	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	22%	14%	-
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
4	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	41%	36%	-
5	Excessive Drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	Health Behaviors	17%	20%	+

Health Outcomes: Drivers with the greatest impact on ranking, Montgomery County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	10010	7458	-
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	3	-
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.8%	7.2%	-
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	16%	13%	-

NR: Measure could not be reported for this county.

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31

Health Factors Rank

15

Health Outcomes Rank

Population: 5,356

2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	12	45	45	22	15	N/A
Length of Life- Rank	12	38	39	18	18	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6237			7118	7118	7458
Quality of Life- Rank	22	46	41	37	30	N/A
% Reporting poor or fair health, adults [#]			17	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	4	4	4
% Low birthweight, <2,500 grams ^Δ	7	6.7	6.1	6.3	6.3	7.2
Health Factors- Rank	39	42	43	40	31	N/A
Health Behaviors- Rank	46	44	44	29	15	N/A
% Smokers, adults [#]			21	19	18	17
% Obese, adults age 20 and older [#]				35	37	36
Food environment index, 0 (worst) to 10 (best)	8	8	7.9	7.7	7.7	7
% Physically inactive, adults age 20 and older [#]				28	22	21
% Access to exercise opportunities [#]					65	80
% Excessive drinking, adults [#]			20	20	19	20
% Driving deaths with alcohol-involvement ^Δ	25	18	9	11	11	19
Sexually transmitted infection rate, per 100,000 population	213	220	183	231	160	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	27	25	17	13	13	22
Clinical Care- Rank	27	37	39	42	45	N/A
% Uninsured, population under age 65	10	11	12	11	11	10
Primary care physicians rate, per 100,000 population	54	55	54	53	54	79
Dentists rate, per 100,000 population	18	18	18	18	19	62
Mental health providers rate, per 100,000 population	37	36	36	54	56	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4876	4733	4249	3974	2441	2708
% Mammography screening, Medicare females age 65-74	58	53	51	54	47	42
% Flu vaccinations, Medicare enrollees	46	47	50	36	39	51
Social & Economic Factors- Rank	42	42	44	40	36	N/A
% High school completion, adults age 25 and older [@]			91	92	93	92
% With some college, adults age 25-44	60	58	59	65	63	71
% Unemployed, population age 16 and older	3.1	2.8	2.7	3.9	2.4	3.2
% Children in poverty	17	17	14	16	14	14
Income inequality ratio, 80th to 20th percentile	4.2	4.3	4.1	4.2	4.9	4.4
% Children in single-parent households [#]			23	18	19	21
Membership associations rate, per 10,000 population	28.7	20.2	19.9	24.9	25.2	13.2
Injury death rate, per 100,000 population ^Δ	71	65	65	65	65	78
Physical Environment- Rank	68	45	39	55	56	N/A
Average daily density of fine particulate matter	8.7	8.7	6.9	8.1	7.8	6.7
Drinking water violations?	Yes	No	No	No	No	
% Households with severe housing problems	10	8	9	8	7	13
% Driving alone to work	77	79	81	84	84	79
% Long commute - driving alone	34	39	34	34	34	22

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.

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Health Factors: Drivers with greatest impact on ranking, Morris County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	65	78	+
2	Income Inequality	Ratio of household income at the 80th percentile to income at the 20th percentile.	Social and Economic Environment	4.9	4.4	-
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
4	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.4%	3.2%	+
5	Teen Births	Number of births per 1,000 female population ages 15-19.	Health Behaviors	13	22	+

Health Outcomes: Drivers with the greatest impact on ranking, Morris County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7118	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.3%	7.2%	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

NR: Measure could not be reported for this county.

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87

Health Factors Rank

92

Health Outcomes Rank

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Population: 2,692

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	77	69	65	77	92	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	87	79	65	85	96	N/A
% Reporting poor or fair health, adults [#]			18	21	17	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	8.8	8	7.6	7.7	7.7	7.2
Health Factors- Rank	75	69	80	80	87	N/A
Health Behaviors- Rank	12	14	40	60	81	N/A
% Smokers, adults [#]			20	18	21	17
% Obese, adults age 20 and older [#]				38	38	36
Food environment index, 0 (worst) to 10 (best)	8.3	8.2	8	7.7	7.4	7
% Physically inactive, adults age 20 and older [#]				33	28	21
% Access to exercise opportunities [#]					89	80
% Excessive drinking, adults [#]			19	18	18	20
% Driving deaths with alcohol-involvement ^Δ	0	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	266	219	329	541	425	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	34	34	39	41	41	22
Clinical Care- Rank	87	92	90	88	98	N/A
% Uninsured, population under age 65	13	16	13	16	16	10
Primary care physicians rate, per 100,000 population	105	109	112	155	118	79
Dentists rate, per 100,000 population	36	37	0	0	0	62
Mental health providers rate, per 100,000 population	36	37	39	39	37	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	6890	6391	6367	5276	4093	2708
% Mammography screening, Medicare females age 65-74	15	22	25	24	9	42
% Flu vaccinations, Medicare enrollees	50	38	46	42	40	51
Social & Economic Factors- Rank	97	94	92	90	75	N/A
% High school completion, adults age 25 and older [@]			84	84	88	92
% With some college, adults age 25-44	42	42	47	42	54	71
% Unemployed, population age 16 and older	3.7	3.3	2.9	3	2.6	3.2
% Children in poverty	16	17	17	18	16	14
Income inequality ratio, 80th to 20th percentile	3.8	4.2	4	4.6	3.8	4.4
% Children in single-parent households [#]			26	26	20	21
Membership associations rate, per 10,000 population	31.6	29.2	18.7	19.3	19.7	13.2
Injury death rate, per 100,000 population ^Δ	189	174	159	120	120	78
Physical Environment- Rank	5	4	14	18	23	N/A
Average daily density of fine particulate matter	6.5	6.5	5.5	6.1	5.4	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	8	6	7	10	8	13
% Driving alone to work	71	73	80	83	85	79
% Long commute - driving alone	20	16	18	17	20	22

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.

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Health Factors: Drivers with greatest impact on ranking, Morton County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
2	Mammography Screening	Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening.	Clinical Care	9%	42%	-
3	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	16%	10%	-
4	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	4093	2708	-
5	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	54%	71%	-

Health Outcomes: Drivers with the greatest impact on ranking, Morton County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.7%	7.2%	-
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	17%	13%	-
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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6

Health Factors Rank

3

Health Outcomes Rank

Population: 10,216

20
23

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	2	8	5	3	3	N/A
Length of Life- Rank	5	16	9	4	4	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	5661	6655	6142	5272	5272	7458
Quality of Life- Rank	3	5	5	7	4	N/A
% Reporting poor or fair health, adults [#]			15	15	12	13
Average number of poor physical health days, adults [#]			4	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	4.9	5.5	4.8	5.3	5.3	7.2
Health Factors- Rank	4	5	14	5	6	N/A
Health Behaviors- Rank	20	49	48	10	16	N/A
% Smokers, adults [#]			19	18	18	17
% Obese, adults age 20 and older [#]				32	35	36
Food environment index, 0 (worst) to 10 (best)	8.1	8.1	8.2	7.8	8.1	7
% Physically inactive, adults age 20 and older [#]				28	21	21
% Access to exercise opportunities [#]					65	80
% Excessive drinking, adults [#]			21	19	20	20
% Driving deaths with alcohol-involvement ^Δ	63	57	44	43	43	19
Sexually transmitted infection rate, per 100,000 population	78	119	188	137	176	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	21	21	21	18	18	22
Clinical Care- Rank	7	10	18	15	10	N/A
% Uninsured, population under age 65	8	8	8	8	8	10
Primary care physicians rate, per 100,000 population	98	99	98	98	128	79
Dentists rate, per 100,000 population	89	89	88	89	98	62
Mental health providers rate, per 100,000 population	10	10	10	20	20	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3563	3976	4766	4271	2722	2708
% Mammography screening, Medicare females age 65-74	54	51	47	48	44	42
% Flu vaccinations, Medicare enrollees	32	34	38	33	31	51
Social & Economic Factors- Rank	5	3	5	4	4	N/A
% High school completion, adults age 25 and older [@]			94	93	93	92
% With some college, adults age 25-44	76	79	78	79	81	71
% Unemployed, population age 16 and older	2.4	2.3	2.8	3	1.8	3.2
% Children in poverty	10	11	11	9	10	14
Income inequality ratio, 80th to 20th percentile	4.2	4.2	4.1	4.5	4.5	4.4
% Children in single-parent households [#]			10	12	12	21
Membership associations rate, per 10,000 population	16.6	12.8	12.8	12.7	12.8	13.2
Injury death rate, per 100,000 population ^Δ	71	73	78	87	87	78
Physical Environment- Rank	61	39	59	44	46	N/A
Average daily density of fine particulate matter	9.2	9.2	7.3	8.5	7.8	6.7
Drinking water violations?	Yes	No	Yes	No	No	
% Households with severe housing problems	8	8	8	9	8	13
% Driving alone to work	77	78	78	82	85	79
% Long commute - driving alone	15	16	15	14	12	22

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.

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Health Factors: Drivers with greatest impact on ranking, Nemaha County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.8%	3.2%	+
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	10%	14%	+
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
4	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	81%	71%	+
5	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	8%	10%	+

Health Outcomes: Drivers with the greatest impact on ranking, Nemaha County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	5272	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.3%	7.2%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

NR: Measure could not be reported for this county.

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Neosho County



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92

Health Factors Rank

83

Health Outcomes Rank

Population: 15,784

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2023

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	66	84	87	94	83	N/A
Length of Life- Rank	24	35	77	92	92	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7119	7862	8499	10004	10004	7458
Quality of Life- Rank	91	97	92	92	66	N/A
% Reporting poor or fair health, adults [#]			19	19	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	4	4
% Low birthweight, <2,500 grams ^Δ	6.7	7	7	7.1	7.1	7.2
Health Factors- Rank	94	101	94	90	92	N/A
Health Behaviors- Rank	91	100	83	92	77	N/A
% Smokers, adults [#]			21	20	20	17
% Obese, adults age 20 and older [#]				40	39	36
Food environment index, 0 (worst) to 10 (best)	7.5	7.5	7.5	7.1	7.5	7
% Physically inactive, adults age 20 and older [#]				33	23	21
% Access to exercise opportunities [#]					72	80
% Excessive drinking, adults [#]			18	18	19	20
% Driving deaths with alcohol-involvement ^Δ	31	33	20	15	15	19
Sexually transmitted infection rate, per 100,000 population	214	287	343	406	356	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	39	35	32	31	31	22
Clinical Care- Rank	53	72	58	40	57	N/A
% Uninsured, population under age 65	8	9	10	10	11	10
Primary care physicians rate, per 100,000 population	56	62	63	62	63	79
Dentists rate, per 100,000 population	37	38	37	31	32	62
Mental health providers rate, per 100,000 population	112	113	106	113	114	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	6521	8058	6018	5143	3966	2708
% Mammography screening, Medicare females age 65-74	41	43	41	49	43	42
% Flu vaccinations, Medicare enrollees	39	43	44	44	45	51
Social & Economic Factors- Rank	94	97	100	84	97	N/A
% High school completion, adults age 25 and older [@]			91	92	91	92
% With some college, adults age 25-44	68	67	66	69	67	71
% Unemployed, population age 16 and older	5.2	4.9	4.6	6.4	4.3	3.2
% Children in poverty	22	23	23	20	21	14
Income inequality ratio, 80th to 20th percentile	5	4.4	4.3	4	4	4.4
% Children in single-parent households [#]			28	22	24	21
Membership associations rate, per 10,000 population	21.7	17.5	17.6	19.4	17.6	13.2
Injury death rate, per 100,000 population ^Δ	77	88	83	80	80	78
Physical Environment- Rank	90	90	83	87	71	N/A
Average daily density of fine particulate matter	9.6	9.6	7.5	8.8	9	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	No	
% Households with severe housing problems	14	13	15	13	13	13
% Driving alone to work	82	80	78	78	77	79
% Long commute - driving alone	16	15	13	15	18	22

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.

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Health Factors: Drivers with greatest impact on ranking, Neosho County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	4.3%	3.2%	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	21%	14%	-
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	20%	17%	-
4	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	3966	2708	-
5	Air Pollution - Particulate Matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	Physical Environment	9	6.7	-

Health Outcomes: Drivers with the greatest impact on ranking, Neosho County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	10004	7458	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.1%	7.2%	-
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	-
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-

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Ness County

28

Health Factors Rank

35

Health Outcomes Rank

Population: 2,672



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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	90	51	55	45	35	N/A
Length of Life- Rank	98	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	11065					7458
Quality of Life- Rank	38	52	58	41	23	N/A
% Reporting poor or fair health, adults [#]			18	18	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	5.8	6.9	6.8	6	6	7.2
Health Factors- Rank	27	22	35	32	28	N/A
Health Behaviors- Rank	40	26	46	41	49	N/A
% Smokers, adults [#]			20	18	19	17
% Obese, adults age 20 and older [#]				37	37	36
Food environment index, 0 (worst) to 10 (best)	7.9	8	7.9	7.8	7.9	7
% Physically inactive, adults age 20 and older [#]				30	24	21
% Access to exercise opportunities [#]						80
% Excessive drinking, adults [#]			19	18	20	20
% Driving deaths with alcohol-involvement ^Δ	33	14	14	20	20	19
Sexually transmitted infection rate, per 100,000 population	200			182		502
Teen birth rate, per 1,000 females age 15-19 ^Δ	27	28	26	28	28	22
Clinical Care- Rank	37	73	87	63	27	N/A
% Uninsured, population under age 65	13	16	14	16	15	10
Primary care physicians rate, per 100,000 population	68	70	70	73	108	79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3035	4467	5863	3460	1872	2708
% Mammography screening, Medicare females age 65-74	53	48	42	51	55	42
% Flu vaccinations, Medicare enrollees	33	33	37	38	40	51
Social & Economic Factors- Rank	30	20	26	32	37	N/A
% High school completion, adults age 25 and older [@]			91	92	91	92
% With some college, adults age 25-44	63	64	68	72	71	71
% Unemployed, population age 16 and older	2.9	2.8	2.5	3.4	2.2	3.2
% Children in poverty	15	14	13	14	13	14
Income inequality ratio, 80th to 20th percentile	4.3	4	4.3	3.9	3.5	4.4
% Children in single-parent households [#]			13	16	14	21
Membership associations rate, per 10,000 population	30.4	31.4	31.7	29.1	28.9	13.2
Injury death rate, per 100,000 population ^Δ	140	129	153	162	162	78
Physical Environment- Rank	10	13	10	9	7	N/A
Average daily density of fine particulate matter	7.1	7.1	5.1	6.4	5.8	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	7	8	9	8	7	13
% Driving alone to work	76	77	75	75	73	79
% Long commute - driving alone	15	16	16	19	16	22

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Health Factors: Drivers with greatest impact on ranking, Ness County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	162	78	-
2	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1872	2708	+
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.2%	3.2%	+
4	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	13%	14%	+
5	Mammography Screening	Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening.	Clinical Care	55%	42%	+

Health Outcomes: Drivers with the greatest impact on ranking, Ness County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6%	7.2%	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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40

Health Factors Rank

59

Health Outcomes Rank

Population: 5,342

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	64	75	93	75	59	N/A
Length of Life- Rank	76	89	96	83	83	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	8395	9266	10414	9586	9586	7458
Quality of Life- Rank	51	49	73	60	38	N/A
% Reporting poor or fair health, adults [#]			18	18	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7	7.4	8.1	7.5	7.5	7.2
Health Factors- Rank	28	34	32	41	40	N/A
Health Behaviors- Rank	57	54	69	64	64	N/A
% Smokers, adults [#]			21	19	19	17
% Obese, adults age 20 and older [#]				35	37	36
Food environment index, 0 (worst) to 10 (best)	7.7	7.6	7.5	7.9	8.3	7
% Physically inactive, adults age 20 and older [#]				31	24	21
% Access to exercise opportunities [#]					62	80
% Excessive drinking, adults [#]			20	20	21	20
% Driving deaths with alcohol-involvement ^Δ	67	50	43	38	38	19
Sexually transmitted infection rate, per 100,000 population	126	110	184	149	224	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	33	29	29	24	24	22
Clinical Care- Rank	20	11	37	30	17	N/A
% Uninsured, population under age 65	9	10	11	11	10	10
Primary care physicians rate, per 100,000 population	55	55	37	37	56	79
Dentists rate, per 100,000 population	55	55	56	56	56	62
Mental health providers rate, per 100,000 population	74	74	93	94	112	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3863	2466	3657	2906	1560	2708
% Mammography screening, Medicare females age 65-74	57	56	51	47	44	42
% Flu vaccinations, Medicare enrollees	38	39	40	38	41	51
Social & Economic Factors- Rank	35	53	35	33	49	N/A
% High school completion, adults age 25 and older [@]			89	90	90	92
% With some college, adults age 25-44	56	46	56	62	60	71
% Unemployed, population age 16 and older	2.2	2.1	2.2	2.7	1.8	3.2
% Children in poverty	16	19	15	16	16	14
Income inequality ratio, 80th to 20th percentile	3.4	4	4.4	3.7	4.3	4.4
% Children in single-parent households [#]			8	7	12	21
Membership associations rate, per 10,000 population	27.3	18.4	18.4	18.7	18.8	13.2
Injury death rate, per 100,000 population ^Δ	87	87	114	122	122	78
Physical Environment- Rank	18	23	9	28	37	N/A
Average daily density of fine particulate matter	6.7	6.7	5.1	6.2	5.6	6.7
Drinking water violations?	No	Yes	No	Yes	Yes	
% Households with severe housing problems	9	6	5	10	13	13
% Driving alone to work	82	76	81	77	74	79
% Long commute - driving alone	11	10	12	12	10	22

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.

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Health Factors: Drivers with greatest impact on ranking, Norton County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.8%	3.2%	+
2	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1560	2708	+
3	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	122	78	-
4	Excessive Drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	Health Behaviors	21%	20%	-
5	Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	Health Behaviors	38%	19%	-

Health Outcomes: Drivers with the greatest impact on ranking, Norton County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9586	7458	-
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.5%	7.2%	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+

NR: Measure could not be reported for this county.

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Osage County

72

Health Factors Rank

38

Health Outcomes Rank

Population: 15,768



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2023

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	69	59	32	44	38	N/A
Length of Life- Rank	89	77	28	27	27	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	9463	8502	7052	7425	7425	7458
Quality of Life- Rank	28	45	54	63	52	N/A
% Reporting poor or fair health, adults [#]			18	18	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	6.1	6	6.6	6.5	6.5	7.2
Health Factors- Rank	63	64	77	72	72	N/A
Health Behaviors- Rank	63	69	94	79	86	N/A
% Smokers, adults [#]			21	20	21	17
% Obese, adults age 20 and older [#]				37	42	36
Food environment index, 0 (worst) to 10 (best)	8	7.9	7.7	7.6	7.9	7
% Physically inactive, adults age 20 and older [#]				31	25	21
% Access to exercise opportunities [#]					63	80
% Excessive drinking, adults [#]			19	20	19	20
% Driving deaths with alcohol-involvement ^Δ	23	14	22	21	21	19
Sexually transmitted infection rate, per 100,000 population	252	292	323	326	219	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	24	24	23	22	22	22
Clinical Care- Rank	16	26	15	31	50	N/A
% Uninsured, population under age 65	10	10	9	10	10	10
Primary care physicians rate, per 100,000 population				6	6	79
Dentists rate, per 100,000 population	13	13	13	13	13	62
Mental health providers rate, per 100,000 population	6	6	6	6	6	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3569	4010	3879	3822	3375	2708
% Mammography screening, Medicare females age 65-74	51	49	52	52	50	42
% Flu vaccinations, Medicare enrollees	53	55	55	54	54	51
Social & Economic Factors- Rank	70	73	80	63	57	N/A
% High school completion, adults age 25 and older [@]			91	91	92	92
% With some college, adults age 25-44	62	63	61	61	63	71
% Unemployed, population age 16 and older	4	3.8	3.6	5.1	3	3.2
% Children in poverty	15	17	18	13	13	14
Income inequality ratio, 80th to 20th percentile	4.1	3.9	3.9	3.8	3.8	4.4
% Children in single-parent households [#]			19	19	17	21
Membership associations rate, per 10,000 population	12	9.5	8.8	8.8	8.2	13.2
Injury death rate, per 100,000 population ^Δ	84	79	76	87	87	78
Physical Environment- Rank	95	83	78	95	81	N/A
Average daily density of fine particulate matter	9.3	9.3	7.3	8.8	8.3	6.7
Drinking water violations?	Yes	No	No	Yes	No	
% Households with severe housing problems	12	12	13	10	10	13
% Driving alone to work	81	82	81	79	81	79
% Long commute - driving alone	51	53	54	51	50	22

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.

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Health Factors: Drivers with greatest impact on ranking, Osage County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	42%	36%	-
2	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3%	3.2%	-
4	Primary Care Physicians	Ratio of population to primary care physicians.	Clinical Care	6	79	-
5	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	13%	14%	+

Health Outcomes: Drivers with the greatest impact on ranking, Osage County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7425	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.5%	7.2%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	+

NR: Measure could not be reported for this county.

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58

Health Factors Rank

17

Health Outcomes Rank

Population: 3,498

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	96	47	33	16	17	N/A
Length of Life- Rank	99	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	11384					7458
Quality of Life- Rank	64	48	22	8	12	N/A
% Reporting poor or fair health, adults [#]			16	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.9	6.8	6	4.5	4.5	7.2
Health Factors- Rank	47	48	52	53	58	N/A
Health Behaviors- Rank	33	31	59	59	68	N/A
% Smokers, adults [#]			20	19	20	17
% Obese, adults age 20 and older [#]				36	37	36
Food environment index, 0 (worst) to 10 (best)	7.3	7.3	7.4	7.5	7.8	7
% Physically inactive, adults age 20 and older [#]				31	25	21
% Access to exercise opportunities [#]					42	80
% Excessive drinking, adults [#]			20	19	20	20
% Driving deaths with alcohol-involvement ^Δ	20	20	33	29	29	19
Sexually transmitted infection rate, per 100,000 population	299	194	166	234		502
Teen birth rate, per 1,000 females age 15-19 ^Δ	35	29	27	23	23	22
Clinical Care- Rank	38	66	65	82	85	N/A
% Uninsured, population under age 65	13	12	13	13	12	10
Primary care physicians rate, per 100,000 population	55	55	58	58	29	79
Dentists rate, per 100,000 population	55	58	58	58	57	62
Mental health providers rate, per 100,000 population	83	86	88	116	114	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3916	6383	4989	5414	4214	2708
% Mammography screening, Medicare females age 65-74	49	44	41	41	35	42
% Flu vaccinations, Medicare enrollees	43	45	44	31	34	51
Social & Economic Factors- Rank	60	57	47	29	42	N/A
% High school completion, adults age 25 and older [@]			94	95	94	92
% With some college, adults age 25-44	63	66	73	74	69	71
% Unemployed, population age 16 and older	2.8	2.6	2	2.9	1.8	3.2
% Children in poverty	20	19	22	15	17	14
Income inequality ratio, 80th to 20th percentile	4.9	5	5.6	4.4	4.2	4.4
% Children in single-parent households [#]			15	25	21	21
Membership associations rate, per 10,000 population	30.2	27.7	28.8	29.2	29.1	13.2
Injury death rate, per 100,000 population ^Δ	162	143	140	136	136	78
Physical Environment- Rank	47	22	32	27	25	N/A
Average daily density of fine particulate matter	7.3	7.3	5.6	6.6	5.8	6.7
Drinking water violations?	Yes	No	Yes	Yes	Yes	
% Households with severe housing problems	12	10	10	9	6	13
% Driving alone to work	79	78	78	76	75	79
% Long commute - driving alone	12	14	14	13	15	22

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.

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Health Factors: Drivers with greatest impact on ranking, Osborne County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.8%	3.2%	+
2	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	136	78	-
3	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	4214	2708	-
4	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	94%	92%	+
5	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	17%	14%	-

Health Outcomes: Drivers with the greatest impact on ranking, Osborne County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	4.5%	7.2%	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

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35

Health Factors Rank

36

Health Outcomes Rank

Population: 5,838

2023

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	25	42	35	43	36	N/A
Length of Life- Rank	75	82	79	75	75	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	8394	8923	8615	8897	8897	7458
Quality of Life- Rank	11	22	15	27	18	N/A
% Reporting poor or fair health, adults [#]			16	16	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	5.7	6	5.8	6.4	6.4	7.2
Health Factors- Rank	14	23	18	37	35	N/A
Health Behaviors- Rank	27	63	42	46	26	N/A
% Smokers, adults [#]			19	18	19	17
% Obese, adults age 20 and older [#]				36	37	36
Food environment index, 0 (worst) to 10 (best)	8.1	8	8	7.7	7.9	7
% Physically inactive, adults age 20 and older [#]				30	22	21
% Access to exercise opportunities [#]					2	80
% Excessive drinking, adults [#]			20	20	19	20
% Driving deaths with alcohol-involvement ^Δ	55	56	38	25	25	19
Sexually transmitted infection rate, per 100,000 population	218	171	136	193	158	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	12	12	11	9	9	22
Clinical Care- Rank	17	14	13	19	19	N/A
% Uninsured, population under age 65	8	9	9	10	9	10
Primary care physicians rate, per 100,000 population	34	34	34	35	35	79
Dentists rate, per 100,000 population	51	69	70	70	69	62
Mental health providers rate, per 100,000 population		17	18	18		224
Preventable hospital stays rate, per 100,000 Medicare enrollees	2636	2262	2913	3244	1909	2708
% Mammography screening, Medicare females age 65-74	48	51	53	50	45	42
% Flu vaccinations, Medicare enrollees	39	39	42	47	42	51
Social & Economic Factors- Rank	24	26	25	47	43	N/A
% High school completion, adults age 25 and older [@]			95	95	95	92
% With some college, adults age 25-44	64	58	61	61	62	71
% Unemployed, population age 16 and older	3.1	2.9	2.7	4.3	2.8	3.2
% Children in poverty	14	13	13	13	14	14
Income inequality ratio, 80th to 20th percentile	3.4	3.4	3.5	3.6	3.6	4.4
% Children in single-parent households [#]			20	24	20	21
Membership associations rate, per 10,000 population	15.2	15.4	15.5	12.3	10.5	13.2
Injury death rate, per 100,000 population ^Δ	67	71	82	79	79	78
Physical Environment- Rank	27	37	38	45	76	N/A
Average daily density of fine particulate matter	8.2	8.2	6.7	7.5	6.9	6.7
Drinking water violations?	No	No	No	No	Yes	
% Households with severe housing problems	7	7	10	9	9	13
% Driving alone to work	78	80	80	83	81	79
% Long commute - driving alone	37	35	36	33	32	22

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Health Factors: Drivers with greatest impact on ranking, Ottawa County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1909	2708	+
2	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	9%	10%	+
3	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	95%	92%	+
4	Teen Births	Number of births per 1,000 female population ages 15-19.	Health Behaviors	9	22	+
5	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	19%	17%	+

Health Outcomes: Drivers with the greatest impact on ranking, Ottawa County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
3	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	8897	7458	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.4%	7.2%	+

NR: Measure could not be reported for this county.

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55

Health Factors Rank

87

Health Outcomes Rank

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Population: 6,225

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	80	89	84	71	87	N/A
Length of Life- Rank	86	80	75	43	43	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	9119	8763	8419	8165	8165	7458
Quality of Life- Rank	66	89	91	77	95	N/A
% Reporting poor or fair health, adults [#]			18	18	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	8.7	9.1	8.5	8.9	8.9	7.2
Health Factors- Rank	37	54	65	50	55	N/A
Health Behaviors- Rank	30	66	91	54	89	N/A
% Smokers, adults [#]			21	19	21	17
% Obese, adults age 20 and older [#]				37	40	36
Food environment index, 0 (worst) to 10 (best)	8.2	8	7.9	7.9	7.6	7
% Physically inactive, adults age 20 and older [#]				30	26	21
% Access to exercise opportunities [#]					67	80
% Excessive drinking, adults [#]			19	20	20	20
% Driving deaths with alcohol-involvement ^Δ	25	33	29	17	17	19
Sexually transmitted infection rate, per 100,000 population	161	150	180	140	140	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	32	30	31	35	35	22
Clinical Care- Rank	24	21	11	11	6	N/A
% Uninsured, population under age 65	9	9	8	9	9	10
Primary care physicians rate, per 100,000 population	89	105	107	109	94	79
Dentists rate, per 100,000 population	30	30	31	31	32	62
Mental health providers rate, per 100,000 population	599	610	608	628	594	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4536	3344	3222	2079	983	2708
% Mammography screening, Medicare females age 65-74	35	27	28	26	29	42
% Flu vaccinations, Medicare enrollees	41	37	39	38	38	51
Social & Economic Factors- Rank	61	78	76	75	72	N/A
% High school completion, adults age 25 and older [@]			91	91	91	92
% With some college, adults age 25-44	57	53	55	51	50	71
% Unemployed, population age 16 and older	3.3	3.2	2.9	3.8	2.2	3.2
% Children in poverty	17	18	18	17	17	14
Income inequality ratio, 80th to 20th percentile	3.2	3.3	3.3	3.4	4	4.4
% Children in single-parent households [#]			21	24	16	21
Membership associations rate, per 10,000 population	20.8	15	10.7	12.5	11	13.2
Injury death rate, per 100,000 population ^Δ	102	113	117	116	116	78
Physical Environment- Rank	35	28	26	13	9	N/A
Average daily density of fine particulate matter	7.7	7.7	5.8	6.9	6.3	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	9	7	8	4	5	13
% Driving alone to work	85	83	85	82	76	79
% Long commute - driving alone	17	11	11	9	8	22

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.

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Health Factors: Drivers with greatest impact on ranking, Pawnee County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
2	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	983	2708	+
3	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	50%	71%	-
4	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.2%	3.2%	+
5	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	9%	10%	+

Health Outcomes: Drivers with the greatest impact on ranking, Pawnee County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	8.9%	7.2%	-
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	8165	7458	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-

NR: Measure could not be reported for this county.

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17

Health Factors Rank

25

Health Outcomes Rank

Population: 4,815

20
23

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	71	64	46	40	25	N/A
Length of Life- Rank	46	38	17	13	13	N/A
Premature death (years of potential life lost, per 100,000) ^Δ			6669	6616	6616	7458
Quality of Life- Rank	76	67	79	72	55	N/A
% Reporting poor or fair health, adults [#]			17	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	7.9	7.7	8.7	7.5	7.5	7.2
Health Factors- Rank	16	19	31	24	17	N/A
Health Behaviors- Rank	39	28	47	71	28	N/A
% Smokers, adults [#]			20	19	19	17
% Obese, adults age 20 and older [#]				38	36	36
Food environment index, 0 (worst) to 10 (best)	7.7	7.7	7.6	7.5	7.4	7
% Physically inactive, adults age 20 and older [#]				31	23	21
% Access to exercise opportunities [#]					56	80
% Excessive drinking, adults [#]			20	20	19	20
% Driving deaths with alcohol-involvement ^Δ	0	0	0	33	33	19
Sexually transmitted infection rate, per 100,000 population	184	149	112	115	96	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	18	17	14	13	13	22
Clinical Care- Rank	44	51	61	48	66	N/A
% Uninsured, population under age 65	10	11	11	11	11	10
Primary care physicians rate, per 100,000 population	37	37	56	57	39	79
Dentists rate, per 100,000 population	37	38	38	39	42	62
Mental health providers rate, per 100,000 population	168	169	191	193	208	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4006	5185	5980	4917	4107	2708
% Mammography screening, Medicare females age 65-74	41	49	46	48	44	42
% Flu vaccinations, Medicare enrollees	38	39	39	38	42	51
Social & Economic Factors- Rank	13	23	12	5	9	N/A
% High school completion, adults age 25 and older [@]			92	93	91	92
% With some college, adults age 25-44	70	69	70	79	73	71
% Unemployed, population age 16 and older	3	2.5	2.6	3.4	2.1	3.2
% Children in poverty	16	19	16	14	14	14
Income inequality ratio, 80th to 20th percentile	3.6	3.5	3.8	3.5	3.5	4.4
% Children in single-parent households [#]			11	10	13	21
Membership associations rate, per 10,000 population	33.2	27.9	30.1	28.7	27	13.2
Injury death rate, per 100,000 population ^Δ	84	81	71	64	64	78
Physical Environment- Rank	12	18	40	19	20	N/A
Average daily density of fine particulate matter	7.1	7.1	5.5	6.6	5.8	6.7
Drinking water violations?	No	No	Yes	No	No	
% Households with severe housing problems	6	6	7	9	8	13
% Driving alone to work	80	82	84	82	81	79
% Long commute - driving alone	15	15	15	16	17	22

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.

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Health Factors: Drivers with greatest impact on ranking, Phillips County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.1%	3.2%	+
2	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	64	78	+
3	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	4107	2708	-
4	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	73%	71%	+
5	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	36%	36%	+

Health Outcomes: Drivers with the greatest impact on ranking, Phillips County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	6616	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.5%	7.2%	-
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

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5

Health Factors Rank

2

Health Outcomes Rank

Population: 25,790

20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	3	2	2	2	2	N/A
Length of Life- Rank	6	2	2	3	3	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	5765	4795	4653	5021	5021	7458
Quality of Life- Rank	5	6	3	3	2	N/A
% Reporting poor or fair health, adults [#]			14	15	11	13
Average number of poor physical health days, adults [#]			3	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	5.3	5	5.1	4.7	4.7	7.2
Health Factors- Rank	9	3	4	4	5	N/A
Health Behaviors- Rank	17	10	4	6	2	N/A
% Smokers, adults [#]			18	16	16	17
% Obese, adults age 20 and older [#]				36	34	36
Food environment index, 0 (worst) to 10 (best)	8.7	8.7	8.8	8.9	9	7
% Physically inactive, adults age 20 and older [#]				26	20	21
% Access to exercise opportunities [#]					46	80
% Excessive drinking, adults [#]			19	20	20	20
% Driving deaths with alcohol-involvement ^Δ	17	14	11	19	19	19
Sexually transmitted infection rate, per 100,000 population	197	205	167	209	226	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	15	14	13	13	13	22
Clinical Care- Rank	18	19	20	24	21	N/A
% Uninsured, population under age 65	7	7	7	9	9	10
Primary care physicians rate, per 100,000 population	63	67	66	66	65	79
Dentists rate, per 100,000 population	25	25	25	24	27	62
Mental health providers rate, per 100,000 population	29	29	33	36	35	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3631	3391	3566	3500	2363	2708
% Mammography screening, Medicare females age 65-74	47	46	48	49	46	42
% Flu vaccinations, Medicare enrollees	37	36	39	39	42	51
Social & Economic Factors- Rank	12	5	6	11	6	N/A
% High school completion, adults age 25 and older [@]			94	95	96	92
% With some college, adults age 25-44	73	74	76	75	76	71
% Unemployed, population age 16 and older	3.1	2.8	2.8	4.3	2.5	3.2
% Children in poverty	11	9	9	8	9	14
Income inequality ratio, 80th to 20th percentile	3.9	4	4	3.9	3.8	4.4
% Children in single-parent households [#]			11	11	12	21
Membership associations rate, per 10,000 population	12.7	9.6	8.7	9.4	10.1	13.2
Injury death rate, per 100,000 population ^Δ	70	73	74	63	63	78
Physical Environment- Rank	71	51	41	64	90	N/A
Average daily density of fine particulate matter	9.1	9.1	7.3	8.6	8.2	6.7
Drinking water violations?	Yes	No	No	No	Yes	
% Households with severe housing problems	10	10	11	12	11	13
% Driving alone to work	79	78	78	79	80	79
% Long commute - driving alone	23	25	29	36	35	22

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.

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Health Factors: Drivers with greatest impact on ranking, Pottawatomie County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	16%	17%	+
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	9%	14%	+
3	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	34%	36%	+
4	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	63	78	+
5	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	76%	71%	+

Health Outcomes: Drivers with the greatest impact on ranking, Pottawatomie County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	5021	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	4.7%	7.2%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	11%	13%	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

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Pratt County

34

Health Factors Rank

63

Health Outcomes Rank

Population: 9,181



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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	19	52	69	63	63	N/A
Length of Life- Rank	40	83	88	86	86	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7680	9003	9603	9668	9668	7458
Quality of Life- Rank	13	23	24	32	40	N/A
% Reporting poor or fair health, adults [#]			16	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	5.3	6.1	6.4	6.6	6.6	7.2
Health Factors- Rank	35	43	11	17	34	N/A
Health Behaviors- Rank	36	36	20	24	36	N/A
% Smokers, adults [#]			20	17	19	17
% Obese, adults age 20 and older [#]				35	36	36
Food environment index, 0 (worst) to 10 (best)	7.8	8	8.1	7.7	7.9	7
% Physically inactive, adults age 20 and older [#]				29	23	21
% Access to exercise opportunities [#]					81	80
% Excessive drinking, adults [#]			19	21	20	20
% Driving deaths with alcohol-involvement ^Δ	7	0	8	14	14	19
Sexually transmitted infection rate, per 100,000 population	299	304	210	437	295	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	37	33	29	27	27	22
Clinical Care- Rank	30	27	14	21	46	N/A
% Uninsured, population under age 65	10	11	10	12	13	10
Primary care physicians rate, per 100,000 population	83	84	85	87	88	79
Dentists rate, per 100,000 population	63	75	65	66	76	62
Mental health providers rate, per 100,000 population	84	75	76	77	76	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4234	3546	3201	2847	2587	2708
% Mammography screening, Medicare females age 65-74	43	45	51	44	35	42
% Flu vaccinations, Medicare enrollees	35	36	36	41	42	51
Social & Economic Factors- Rank	46	47	27	30	32	N/A
% High school completion, adults age 25 and older [@]			92	92	93	92
% With some college, adults age 25-44	71	78	78	74	72	71
% Unemployed, population age 16 and older	3.3	2.8	2.5	3.6	2.2	3.2
% Children in poverty	16	17	15	14	14	14
Income inequality ratio, 80th to 20th percentile	4	3.7	3.6	3.7	3.7	4.4
% Children in single-parent households [#]			22	20	21	21
Membership associations rate, per 10,000 population	28.2	15.7	17.1	16.4	15.3	13.2
Injury death rate, per 100,000 population ^Δ	101	110	112	100	100	78
Physical Environment- Rank	32	71	36	33	35	N/A
Average daily density of fine particulate matter	7.8	7.8	6.3	7.3	6.8	6.7
Drinking water violations?	No	Yes	No	No	No	
% Households with severe housing problems	12	15	14	11	10	13
% Driving alone to work	80	80	82	81	81	79
% Long commute - driving alone	12	11	12	13	13	22

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Health Factors: Drivers with greatest impact on ranking, Pratt County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.2%	3.2%	+
2	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	72%	71%	+
3	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	14%	14%	+
4	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	36%	36%	+
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	No	NR	+

Health Outcomes: Drivers with the greatest impact on ranking, Pratt County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9668	7458	-
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.6%	7.2%	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

NR: Measure could not be reported for this county.

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Rawlins County



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21

45

Health Factors Rank

Health Outcomes Rank

Population: 2,549

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	83	71	44	34	45	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	94	80	39	24	37	N/A
% Reporting poor or fair health, adults [#]			16	17	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	10.7	9.2	7.2	5.6	5.6	7.2
Health Factors- Rank	15	8	17	38	21	N/A
Health Behaviors- Rank	50	15	9	62	67	N/A
% Smokers, adults [#]			19	18	19	17
% Obese, adults age 20 and older [#]				37	37	36
Food environment index, 0 (worst) to 10 (best)	8	7.9	7.7	7.1	7.3	7
% Physically inactive, adults age 20 and older [#]				30	25	21
% Access to exercise opportunities [#]					56	80
% Excessive drinking, adults [#]			20	19	19	20
% Driving deaths with alcohol-involvement ^Δ	80	75	60	50	50	19
Sexually transmitted infection rate, per 100,000 population				237		502
Teen birth rate, per 1,000 females age 15-19 ^Δ	28	26	25			22
Clinical Care- Rank	82	75	95	77	39	N/A
% Uninsured, population under age 65	14	14	13	15	11	10
Primary care physicians rate, per 100,000 population					40	79
Dentists rate, per 100,000 population	80	80	119	119	118	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	6654	6171	8644	5463	3315	2708
% Mammography screening, Medicare females age 65-74	42	45	42	44	52	42
% Flu vaccinations, Medicare enrollees	34	33	33	32	36	51
Social & Economic Factors- Rank	7	11	31	16	10	N/A
% High school completion, adults age 25 and older [@]			96	95	95	92
% With some college, adults age 25-44	77	74	74	80	82	71
% Unemployed, population age 16 and older	2.3	2.1	2.2	2.5	1.6	3.2
% Children in poverty	16	19	20	16	15	14
Income inequality ratio, 80th to 20th percentile	4	4.2	4.7	4.6	4.3	4.4
% Children in single-parent households [#]			12	9	10	21
Membership associations rate, per 10,000 population	43.2	32	27.9	27.7	23.9	13.2
Injury death rate, per 100,000 population ^Δ	126	103	119	127	127	78
Physical Environment- Rank	3	3	2	16	5	N/A
Average daily density of fine particulate matter	6.4	6.4	5	5.8	5.2	6.7
Drinking water violations?	No	No	No	Yes	No	
% Households with severe housing problems	7	7	6	9	10	13
% Driving alone to work	69	70	67	70	71	79
% Long commute - driving alone	17	19	18	21	13	22

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.

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Health Factors: Drivers with greatest impact on ranking, Rawlins County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.6%	3.2%	+
2	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	82%	71%	+
3	Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	Health Behaviors	50%	19%	-
4	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	127	78	-
5	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	95%	92%	+

Health Outcomes: Drivers with the greatest impact on ranking, Rawlins County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.6%	7.2%	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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Reno County

76

Health Factors Rank

73

Health Outcomes Rank

Population: 61,414



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2023

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	68	22	72	61	73	N/A
Length of Life- Rank	38	28	37	40	40	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7650	7271	7780	7941	7941	7458
Quality of Life- Rank	77	27	87	68	89	N/A
% Reporting poor or fair health, adults [#]			19	18	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	5	4
% Low birthweight, <2,500 grams ^Δ	6.8	7	7.3	7.2	7.2	7.2
Health Factors- Rank	78	65	67	76	76	N/A
Health Behaviors- Rank	84	52	57	83	84	N/A
% Smokers, adults [#]			21	19	20	17
% Obese, adults age 20 and older [#]				40	42	36
Food environment index, 0 (worst) to 10 (best)	7.6	7.6	7.6	7.5	7.6	7
% Physically inactive, adults age 20 and older [#]				31	25	21
% Access to exercise opportunities [#]					66	80
% Excessive drinking, adults [#]			17	17	18	20
% Driving deaths with alcohol-involvement ^Δ	26	20	20	25	25	19
Sexually transmitted infection rate, per 100,000 population	471	474	475	507	492	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	30	28	26	24	24	22
Clinical Care- Rank	41	31	31	36	32	N/A
% Uninsured, population under age 65	10	11	11	12	11	10
Primary care physicians rate, per 100,000 population	59	62	59	55	60	79
Dentists rate, per 100,000 population	54	53	56	57	62	62
Mental health providers rate, per 100,000 population	147	157	174	186	200	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3352	3075	3230	2686	1943	2708
% Mammography screening, Medicare females age 65-74	42	49	53	46	46	42
% Flu vaccinations, Medicare enrollees	23	23	26	28	29	51
Social & Economic Factors- Rank	79	76	75	73	71	N/A
% High school completion, adults age 25 and older [@]			89	90	91	92
% With some college, adults age 25-44	60	63	64	62	64	71
% Unemployed, population age 16 and older	3.9	3.6	3.2	5.5	3.2	3.2
% Children in poverty	17	15	17	13	16	14
Income inequality ratio, 80th to 20th percentile	3.9	3.9	4.1	3.9	3.9	4.4
% Children in single-parent households [#]			16	16	19	21
Membership associations rate, per 10,000 population	15.7	15.4	14.6	14.4	13.8	13.2
Injury death rate, per 100,000 population ^Δ	92	95	96	97	97	78
Physical Environment- Rank	81	88	90	86	88	N/A
Average daily density of fine particulate matter	8.8	8.8	7.2	7.8	7.3	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	12	13	14	13	12	13
% Driving alone to work	82	82	82	83	84	79
% Long commute - driving alone	16	17	17	17	19	22

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.

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Health Factors: Drivers with greatest impact on ranking, Reno County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	42%	36%	-
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.2%	3.2%	-
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	20%	17%	-
4	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1943	2708	+
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	NR	-

Health Outcomes: Drivers with the greatest impact on ranking, Reno County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7941	7458	+
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.2%	7.2%	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-

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Republic County



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11

Health Factors Rank

56

Health Outcomes Rank

Population: 4,662

20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	95	92	96	58	56	N/A
Length of Life- Rank	94	85	103	97	97	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	10150	9052	12136	10568	10568	7458
Quality of Life- Rank	85	94	52	15	14	N/A
% Reporting poor or fair health, adults [#]			15	16	12	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	8.4	8.7	7.9	5.6	5.6	7.2
Health Factors- Rank	33	28	37	23	11	N/A
Health Behaviors- Rank	45	25	31	31	9	N/A
% Smokers, adults [#]			19	18	18	17
% Obese, adults age 20 and older [#]				37	37	36
Food environment index, 0 (worst) to 10 (best)	7.8	7.6	7.7	8	8.4	7
% Physically inactive, adults age 20 and older [#]				29	21	21
% Access to exercise opportunities [#]					50	80
% Excessive drinking, adults [#]			21	19	19	20
% Driving deaths with alcohol-involvement ^Δ	25	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	127				86	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	25	19	13			22
Clinical Care- Rank	45	40	51	55	30	N/A
% Uninsured, population under age 65	10	10	10	12	9	10
Primary care physicians rate, per 100,000 population	85	85	64	65	66	79
Dentists rate, per 100,000 population	21	21	22	22	21	62
Mental health providers rate, per 100,000 population	43	43	43	88	86	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5675	5348	5354	4364	2423	2708
% Mammography screening, Medicare females age 65-74	39	41	42	39	34	42
% Flu vaccinations, Medicare enrollees	46	49	44	47	48	51
Social & Economic Factors- Rank	23	28	33	9	20	N/A
% High school completion, adults age 25 and older [@]			96	96	95	92
% With some college, adults age 25-44	74	70	66	72	73	71
% Unemployed, population age 16 and older	2.8	2.7	2.6	3.3	2.3	3.2
% Children in poverty	16	15	18	13	13	14
Income inequality ratio, 80th to 20th percentile	4	3.7	3.8	3.5	3.9	4.4
% Children in single-parent households [#]			17	18	17	21
Membership associations rate, per 10,000 population	48.9	34.1	34.3	34.5	33.1	13.2
Injury death rate, per 100,000 population ^Δ	139	127	124	108	108	78
Physical Environment- Rank	58	64	72	78	85	N/A
Average daily density of fine particulate matter	8	8	6.6	7.4	6.6	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	8	8	9	10	10	13
% Driving alone to work	81	84	84	83	86	79
% Long commute - driving alone	20	22	24	26	25	22

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.

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Health Factors: Drivers with greatest impact on ranking, Republic County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
2	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	9%	10%	+
3	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	95%	92%	+
4	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.3%	3.2%	+
5	Social Associations	Number of membership associations per 10,000 population.	Social and Economic Environment	33.1	13.2	+

Health Outcomes: Drivers with the greatest impact on ranking, Republic County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	10568	7458	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.6%	7.2%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-

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Rice County

62

Health Factors Rank

27

Health Outcomes Rank

Population: 9,390



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2023

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	73	53	23	18	27	N/A
Length of Life- Rank	90	37	13	15	15	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	9775	8035	6515	6892	6892	7458
Quality of Life- Rank	25	53	55	40	48	N/A
% Reporting poor or fair health, adults [#]			18	18	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	5.6	6.2	6.4	6.4	6.4	7.2
Health Factors- Rank	66	75	54	52	62	N/A
Health Behaviors- Rank	71	70	52	27	57	N/A
% Smokers, adults [#]			20	17	19	17
% Obese, adults age 20 and older [#]				37	39	36
Food environment index, 0 (worst) to 10 (best)	7.9	7.8	7.6	7.5	7.7	7
% Physically inactive, adults age 20 and older [#]				30	24	21
% Access to exercise opportunities [#]					67	80
% Excessive drinking, adults [#]			19	19	20	20
% Driving deaths with alcohol-involvement ^Δ	36	36	18	13	13	19
Sexually transmitted infection rate, per 100,000 population	301	238	186	325	367	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	29	25	22	19	19	22
Clinical Care- Rank	80	85	66	84	81	N/A
% Uninsured, population under age 65	11	11	11	12	11	10
Primary care physicians rate, per 100,000 population	41	41	52	52	53	79
Dentists rate, per 100,000 population	31	31	31	32	32	62
Mental health providers rate, per 100,000 population	21	31	31	53	53	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4058	5341	4350	4733	3446	2708
% Mammography screening, Medicare females age 65-74	33	37	46	39	37	42
% Flu vaccinations, Medicare enrollees	18	18	21	20	22	51
Social & Economic Factors- Rank	49	55	46	36	55	N/A
% High school completion, adults age 25 and older [@]			92	92	93	92
% With some college, adults age 25-44	64	68	68	69	68	71
% Unemployed, population age 16 and older	3.2	2.9	2.8	4.2	2.4	3.2
% Children in poverty	17	19	16	12	17	14
Income inequality ratio, 80th to 20th percentile	4.5	4.7	4.5	4.3	4.2	4.4
% Children in single-parent households [#]			12	11	16	21
Membership associations rate, per 10,000 population	24.4	19.7	18.9	18.9	19.2	13.2
Injury death rate, per 100,000 population ^Δ	99	100	122	115	115	78
Physical Environment- Rank	64	62	73	66	58	N/A
Average daily density of fine particulate matter	8.1	8.1	6.4	7.3	6.7	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	11	10	12	10	9	13
% Driving alone to work	79	79	81	79	78	79
% Long commute - driving alone	21	22	25	26	26	22

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Health Factors: Drivers with greatest impact on ranking, Rice County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Flu Vaccinations	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	Clinical Care	22%	51%	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	17%	14%	-
3	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	115	78	-
4	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	NR	-
5	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.4%	3.2%	+

Health Outcomes: Drivers with the greatest impact on ranking, Rice County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	6892	7458	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.4%	7.2%	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+

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10

Health Factors Rank

10

Health Outcomes Rank

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Population: 72,208

2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	5	5	4	9	10	N/A
Length of Life- Rank	2	3	3	2	2	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	4506	4804	4971	5013	5013	7458
Quality of Life- Rank	32	24	18	30	29	N/A
% Reporting poor or fair health, adults [#]			16	17	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.1	6.3	6.5	6.4	6.4	7.2
Health Factors- Rank	21	13	3	7	10	N/A
Health Behaviors- Rank	29	17	3	3	24	N/A
% Smokers, adults [#]			17	16	18	17
% Obese, adults age 20 and older [#]				30	34	36
Food environment index, 0 (worst) to 10 (best)	5.7	5.7	6.5	5.7	5.7	7
% Physically inactive, adults age 20 and older [#]				25	22	21
% Access to exercise opportunities [#]					86	80
% Excessive drinking, adults [#]			17	18	20	20
% Driving deaths with alcohol-involvement ^Δ	22	25	24	27	27	19
Sexually transmitted infection rate, per 100,000 population	683	680	785	737	550	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	13	12	11	10	10	22
Clinical Care- Rank	2	4	2	5	4	N/A
% Uninsured, population under age 65	9	9	8	10	10	10
Primary care physicians rate, per 100,000 population	65	69	68	70	75	79
Dentists rate, per 100,000 population	62	62	62	60	58	62
Mental health providers rate, per 100,000 population	213	235	238	268	289	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	2356	2769	2455	2554	1708	2708
% Mammography screening, Medicare females age 65-74	51	51	50	52	51	42
% Flu vaccinations, Medicare enrollees	57	58	61	58	62	51
Social & Economic Factors- Rank	33	31	28	60	24	N/A
% High school completion, adults age 25 and older [@]			96	96	96	92
% With some college, adults age 25-44	84	82	81	83	82	71
% Unemployed, population age 16 and older	3	2.9	2.8	5	2.8	3.2
% Children in poverty	14	13	13	18	12	14
Income inequality ratio, 80th to 20th percentile	4.7	4.8	5	4.8	5	4.4
% Children in single-parent households [#]			24	27	27	21
Membership associations rate, per 10,000 population	11.5	11.5	11.4	12.1	11.6	13.2
Injury death rate, per 100,000 population ^Δ	42	40	40	40	40	78
Physical Environment- Rank	88	92	86	54	54	N/A
Average daily density of fine particulate matter	9	9	7.3	8.4	8.1	6.7
Drinking water violations?	Yes	Yes	Yes	No	No	
% Households with severe housing problems	23	21	21	20	20	13
% Driving alone to work	74	74	73	70	68	79
% Long commute - driving alone	11	11	12	13	13	22

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.

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Health Factors: Drivers with greatest impact on ranking, Riley County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	40	78	+
2	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	82%	71%	+
3	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	34%	36%	+
4	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
5	Severe Housing Problems	Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, lack of kitchen facilities, or lack of plumbing facilities.	Physical Environment	20%	13%	-

Health Outcomes: Drivers with the greatest impact on ranking, Riley County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	5013	7458	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.4%	7.2%	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	+

NR: Measure could not be reported for this county.

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Rooks County

27

Health Factors Rank

23

Health Outcomes Rank

Population: 4,831



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20
23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	20	19	15	33	23	N/A
Length of Life- Rank	32	24	16	29	29	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7366	7016	6588	7494	7494	7458
Quality of Life- Rank	20	20	28	47	33	N/A
% Reporting poor or fair health, adults [#]			16	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	5	5.6	6.3	6.3	6.3	7.2
Health Factors- Rank	22	24	33	27	27	N/A
Health Behaviors- Rank	32	46	27	50	13	N/A
% Smokers, adults [#]			20	19	19	17
% Obese, adults age 20 and older [#]				37	34	36
Food environment index, 0 (worst) to 10 (best)	7.8	8	8.2	8.3	8.6	7
% Physically inactive, adults age 20 and older [#]				30	22	21
% Access to exercise opportunities [#]					41	80
% Excessive drinking, adults [#]			20	20	20	20
% Driving deaths with alcohol-involvement ^Δ	0	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	97	337	218	224	244	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	20	20	18	19	19	22
Clinical Care- Rank	10	23	27	18	35	N/A
% Uninsured, population under age 65	10	11	11	12	14	10
Primary care physicians rate, per 100,000 population	118	119	120	102	104	79
Dentists rate, per 100,000 population	40	40	41	41	41	62
Mental health providers rate, per 100,000 population	20	20	41	21	21	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3108	5021	5081	3635	3273	2708
% Mammography screening, Medicare females age 65-74	47	52	54	50	51	42
% Flu vaccinations, Medicare enrollees	43	46	47	50	55	51
Social & Economic Factors- Rank	45	41	57	37	41	N/A
% High school completion, adults age 25 and older [@]			89	89	90	92
% With some college, adults age 25-44	73	74	70	71	69	71
% Unemployed, population age 16 and older	3.8	3.2	3.5	4	2.4	3.2
% Children in poverty	13	15	14	13	14	14
Income inequality ratio, 80th to 20th percentile	4.2	4	3.5	3.4	3.3	4.4
% Children in single-parent households [#]			23	20	21	21
Membership associations rate, per 10,000 population	23.6	15.9	16	16.3	16.6	13.2
Injury death rate, per 100,000 population ^Δ	109	122	107	113	113	78
Physical Environment- Rank	15	15	30	24	40	N/A
Average daily density of fine particulate matter	7.2	7.2	5.3	6.5	5.8	6.7
Drinking water violations?	No	No	Yes	Yes	Yes	
% Households with severe housing problems	7	7	7	6	6	13
% Driving alone to work	81	79	81	78	82	79
% Long commute - driving alone	18	18	16	18	20	22

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.

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Health Factors: Drivers with greatest impact on ranking, Rooks County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	34%	36%	+
2	Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	Health Behaviors	0%	19%	+
3	Mammography Screening	Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening.	Clinical Care	51%	42%	+
4	Income Inequality	Ratio of household income at the 80th percentile to income at the 20th percentile.	Social and Economic Environment	3.3	4.4	+
5	Flu Vaccinations	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	Clinical Care	55%	51%	+

Health Outcomes: Drivers with the greatest impact on ranking, Rooks County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7494	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.3%	7.2%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-

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Rush County

59

Health Factors Rank

58

Health Outcomes Rank

Population: 2,953



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2023

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	58	63	77	68	58	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	57	65	83	69	56	N/A
% Reporting poor or fair health, adults [#]			17	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	7.5	8.1	8.5	8.2	8.2	7.2
Health Factors- Rank	40	63	58	63	59	N/A
Health Behaviors- Rank	38	61	77	70	59	N/A
% Smokers, adults [#]			20	18	19	17
% Obese, adults age 20 and older [#]				37	36	36
Food environment index, 0 (worst) to 10 (best)	8.1	8.1	7.9	7.5	7.7	7
% Physically inactive, adults age 20 and older [#]				30	22	21
% Access to exercise opportunities [#]					30	80
% Excessive drinking, adults [#]			19	19	20	20
% Driving deaths with alcohol-involvement ^Δ	43	50	60	50	50	19
Sexually transmitted infection rate, per 100,000 population		129	322	494	198	502
Teen birth rate, per 1,000 females age 15-19 ^Δ						22
Clinical Care- Rank	35	63	63	62	48	N/A
% Uninsured, population under age 65	10	11	10	11	10	10
Primary care physicians rate, per 100,000 population	33	32	32	33	34	79
Dentists rate, per 100,000 population	32	32	33	34	34	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3572	5547	5370	5088	3139	2708
% Mammography screening, Medicare females age 65-74	48	49	41	47	44	42
% Flu vaccinations, Medicare enrollees	37	36	39	40	46	51
Social & Economic Factors- Rank	58	71	48	61	76	N/A
% High school completion, adults age 25 and older [@]			92	93	92	92
% With some college, adults age 25-44	71	67	67	70	63	71
% Unemployed, population age 16 and older	3.2	2.7	2.8	4.6	2.4	3.2
% Children in poverty	17	20	17	16	20	14
Income inequality ratio, 80th to 20th percentile	4.2	4.6	4	4.1	4	4.4
% Children in single-parent households [#]			13	24	23	21
Membership associations rate, per 10,000 population	19.6	22.6	22.6	23.1	17	13.2
Injury death rate, per 100,000 population ^Δ	128	141	123	118	118	78
Physical Environment- Rank	19	30	35	23	24	N/A
Average daily density of fine particulate matter	7.5	7.5	5.5	6.7	6	6.7
Drinking water violations?	No	No	Yes	No	No	
% Households with severe housing problems	10	11	8	10	7	13
% Driving alone to work	75	78	79	80	80	79
% Long commute - driving alone	24	28	26	26	30	22

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Health Factors: Drivers with greatest impact on ranking, Rush County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	20%	14%	-
2	Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	Health Behaviors	50%	19%	-
3	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	118	78	-
4	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	19%	17%	+
5	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	36%	36%	+

Health Outcomes: Drivers with the greatest impact on ranking, Rush County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	8.2%	7.2%	-
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

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60

Health Factors Rank

52

Health Outcomes Rank

Population: 6,703

20
23

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	56	73	39	59	52	N/A
Length of Life- Rank	33	84	85	84	84	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7396	9038	9184	9659	9659	7458
Quality of Life- Rank	68	55	12	29	22	N/A
% Reporting poor or fair health, adults [#]			15	18	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	6.3	6.1	5.2	5.3	5.3	7.2
Health Factors- Rank	72	62	72	71	60	N/A
Health Behaviors- Rank	35	32	55	69	47	N/A
% Smokers, adults [#]			20	19	19	17
% Obese, adults age 20 and older [#]				37	38	36
Food environment index, 0 (worst) to 10 (best)	7.5	7.5	7.8	7.6	7.7	7
% Physically inactive, adults age 20 and older [#]				32	23	21
% Access to exercise opportunities [#]					68	80
% Excessive drinking, adults [#]			20	19	19	20
% Driving deaths with alcohol-involvement ^Δ	20	27	33	31	31	19
Sexually transmitted infection rate, per 100,000 population	114	130	231	219	160	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	26	27	25	24	24	22
Clinical Care- Rank	73	79	78	74	78	N/A
% Uninsured, population under age 65	12	12	11	12	12	10
Primary care physicians rate, per 100,000 population	57	58	43	58	59	79
Dentists rate, per 100,000 population	29	43	44	44	45	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5385	5067	5551	4663	3636	2708
% Mammography screening, Medicare females age 65-74	39	32	42	40	33	42
% Flu vaccinations, Medicare enrollees	27	27	29	27	32	51
Social & Economic Factors- Rank	76	61	71	67	53	N/A
% High school completion, adults age 25 and older [@]			88	93	93	92
% With some college, adults age 25-44	68	75	69	67	71	71
% Unemployed, population age 16 and older	3.3	3	2.9	4.2	2.4	3.2
% Children in poverty	21	21	20	19	20	14
Income inequality ratio, 80th to 20th percentile	3.6	3.4	4.1	4	4.3	4.4
% Children in single-parent households [#]			14	14	7	21
Membership associations rate, per 10,000 population	22.9	21.7	20.3	17.5	19.1	13.2
Injury death rate, per 100,000 population ^Δ	106	112	109	102	102	78
Physical Environment- Rank	79	81	61	53	75	N/A
Average daily density of fine particulate matter	7.5	7.5	5.7	6.8	6.1	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	Yes	
% Households with severe housing problems	12	9	7	6	10	13
% Driving alone to work	88	89	88	86	86	79
% Long commute - driving alone	20	24	22	18	18	22

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Health Factors: Drivers with greatest impact on ranking, Russell County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	20%	14%	-
2	Children in Single-Parent Households	Percentage of children that live in a household headed by a single parent.	Social and Economic Environment	7%	21%	+
3	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	3636	2708	-
4	Driving Alone to Work	Percentage of the workforce that drives alone to work.	Physical Environment	86%	79%	-
5	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	71%	71%	+

Health Outcomes: Drivers with the greatest impact on ranking, Russell County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.3%	7.2%	+
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9659	7458	-
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+

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Saline County



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41

60

Health Factors Rank

Health Outcomes Rank

Population: 53,888

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2023

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	51	68	37	32	60	N/A
Length of Life- Rank	37	74	74	39	39	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7614	8134	8175	7918	7918	7458
Quality of Life- Rank	62	77	26	34	75	N/A
% Reporting poor or fair health, adults [#]			16	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	5	4
% Low birthweight, <2,500 grams ^Δ	7.8	7.6	7.2	6.9	6.9	7.2
Health Factors- Rank	50	49	45	42	41	N/A
Health Behaviors- Rank	67	79	41	34	45	N/A
% Smokers, adults [#]			19	17	19	17
% Obese, adults age 20 and older [#]				36	38	36
Food environment index, 0 (worst) to 10 (best)	7.8	7.9	7.8	7.9	7.9	7
% Physically inactive, adults age 20 and older [#]				30	25	21
% Access to exercise opportunities [#]					80	80
% Excessive drinking, adults [#]			19	19	17	20
% Driving deaths with alcohol-involvement ^Δ	12	12	19	24	24	19
Sexually transmitted infection rate, per 100,000 population	503	499	437	457	352	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	35	32	29	28	28	22
Clinical Care- Rank	8	3	4	6	5	N/A
% Uninsured, population under age 65	11	10	10	11	11	10
Primary care physicians rate, per 100,000 population	83	90	90	96	96	79
Dentists rate, per 100,000 population	69	75	76	80	82	62
Mental health providers rate, per 100,000 population	331	349	361	371	375	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3314	3433	3381	3797	2292	2708
% Mammography screening, Medicare females age 65-74	54	57	57	57	51	42
% Flu vaccinations, Medicare enrollees	46	50	52	53	55	51
Social & Economic Factors- Rank	67	59	67	74	64	N/A
% High school completion, adults age 25 and older [@]			91	92	93	92
% With some college, adults age 25-44	60	64	65	64	66	71
% Unemployed, population age 16 and older	3.2	3.1	3	5.5	3	3.2
% Children in poverty	17	16	17	13	15	14
Income inequality ratio, 80th to 20th percentile	4	4.1	4.1	4.1	4.2	4.4
% Children in single-parent households [#]			23	25	24	21
Membership associations rate, per 10,000 population	15.8	15.7	15.3	15.5	15	13.2
Injury death rate, per 100,000 population ^Δ	78	80	82	85	85	78
Physical Environment- Rank	59	59	81	38	80	N/A
Average daily density of fine particulate matter	8.5	8.5	7	7.8	7.2	6.7
Drinking water violations?	No	No	Yes	No	Yes	
% Households with severe housing problems	15	14	13	11	12	13
% Driving alone to work	83	83	83	81	81	79
% Long commute - driving alone	8	9	9	9	9	22

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.

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Health Factors: Drivers with greatest impact on ranking, Saline County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3%	3.2%	-
2	Excessive Drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	Health Behaviors	17%	20%	+
3	Mammography Screening	Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening.	Clinical Care	51%	42%	+
4	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	2292	2708	+
5	Flu Vaccinations	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	Clinical Care	55%	51%	+

Health Outcomes: Drivers with the greatest impact on ranking, Saline County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7918	7458	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.9%	7.2%	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+

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Scott County

37

Health Factors Rank

75

Health Outcomes Rank

Population: 5,131



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2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	46	49	18	62	75	N/A
Length of Life- Rank	46	38	6	17	17	N/A
Premature death (years of potential life lost, per 100,000) ^Δ			5565	7052	7052	7458
Quality of Life- Rank	42	51	66	87	97	N/A
% Reporting poor or fair health, adults [#]			16	18	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	8.9	8	8.6	9.5	9.5	7.2
Health Factors- Rank	13	18	21	29	37	N/A
Health Behaviors- Rank	31	55	23	14	30	N/A
% Smokers, adults [#]			19	17	19	17
% Obese, adults age 20 and older [#]				37	36	36
Food environment index, 0 (worst) to 10 (best)	8.9	9	9.1	8.8	8.8	7
% Physically inactive, adults age 20 and older [#]				31	25	21
% Access to exercise opportunities [#]					84	80
% Excessive drinking, adults [#]			18	18	19	20
% Driving deaths with alcohol-involvement ^Δ	50	33	33	29	29	19
Sexually transmitted infection rate, per 100,000 population	302	262	242	228	207	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	30	30	27	24	24	22
Clinical Care- Rank	63	45	79	73	80	N/A
% Uninsured, population under age 65	11	12	12	14	14	10
Primary care physicians rate, per 100,000 population	79	101	82	83	84	79
Dentists rate, per 100,000 population	40	41	41	42	39	62
Mental health providers rate, per 100,000 population	101	102	124	84	39	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	6338	4841	6714	5283	3723	2708
% Mammography screening, Medicare females age 65-74	53	49	42	50	43	42
% Flu vaccinations, Medicare enrollees	27	28	33	32	29	51
Social & Economic Factors- Rank	4	13	18	45	35	N/A
% High school completion, adults age 25 and older [@]			84	83	84	92
% With some college, adults age 25-44	59	52	58	53	50	71
% Unemployed, population age 16 and older	2.2	2	1.9	2.5	1.6	3.2
% Children in poverty	11	13	11	10	10	14
Income inequality ratio, 80th to 20th percentile	3.5	3.2	3.9	4.3	4.4	4.4
% Children in single-parent households [#]			5	10	12	21
Membership associations rate, per 10,000 population	23.8	16.1	16.3	16.6	16.7	13.2
Injury death rate, per 100,000 population ^Δ	84	88	89	106	106	78
Physical Environment- Rank	42	17	13	10	14	N/A
Average daily density of fine particulate matter	7	7	5.4	6.5	5.9	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	12	10	9	5	4	13
% Driving alone to work	86	77	79	79	81	79
% Long commute - driving alone	19	14	15	16	16	22

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.

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Health Factors: Drivers with greatest impact on ranking, Scott County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.6%	3.2%	+
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	10%	14%	+
3	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	50%	71%	-
4	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	84%	92%	-
5	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	36%	36%	+

Health Outcomes: Drivers with the greatest impact on ranking, Scott County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	9.5%	7.2%	-
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7052	7458	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-

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Sedgwick County



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85

Health Factors Rank

Health Outcomes Rank

Population: 523,828

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23

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	76	79	71	70	85	N/A
Length of Life- Rank	45	73	72	76	76	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7934	8102	8081	8909	8909	7458
Quality of Life- Rank	82	88	72	64	90	N/A
% Reporting poor or fair health, adults [#]			18	20	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	5	4
% Low birthweight, <2,500 grams ^Δ	8	7.9	7.9	8	8	7.2
Health Factors- Rank	87	83	55	79	68	N/A
Health Behaviors- Rank	90	73	15	30	34	N/A
% Smokers, adults [#]			19	17	19	17
% Obese, adults age 20 and older [#]				38	35	36
Food environment index, 0 (worst) to 10 (best)	7.2	7.2	7.3	7.5	7.2	7
% Physically inactive, adults age 20 and older [#]				29	22	21
% Access to exercise opportunities [#]					82	80
% Excessive drinking, adults [#]			16	17	18	20
% Driving deaths with alcohol-involvement ^Δ	21	21	17	16	16	19
Sexually transmitted infection rate, per 100,000 population	555	594	631	693	687	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	36	33	30	28	28	22
Clinical Care- Rank	15	9	9	10	15	N/A
% Uninsured, population under age 65	11	11	12	12	12	10
Primary care physicians rate, per 100,000 population	87	87	89	90	89	79
Dentists rate, per 100,000 population	60	63	66	66	69	62
Mental health providers rate, per 100,000 population	207	222	228	238	250	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3097	2686	2896	2750	2197	2708
% Mammography screening, Medicare females age 65-74	40	42	42	43	39	42
% Flu vaccinations, Medicare enrollees	48	50	54	54	56	51
Social & Economic Factors- Rank	91	93	89	102	99	N/A
% High school completion, adults age 25 and older [@]			90	90	90	92
% With some college, adults age 25-44	68	67	67	68	67	71
% Unemployed, population age 16 and older	4.2	3.8	3.5	8.7	4.6	3.2
% Children in poverty	18	17	17	17	17	14
Income inequality ratio, 80th to 20th percentile	4.6	4.5	4.5	4.4	4.4	4.4
% Children in single-parent households [#]			28	26	26	21
Membership associations rate, per 10,000 population	10	9.9	10	9.8	9.9	13.2
Injury death rate, per 100,000 population ^Δ	78	81	83	88	88	78
Physical Environment- Rank	98	79	66	67	43	N/A
Average daily density of fine particulate matter	10	10	7.4	8.1	6.3	6.7
Drinking water violations?	Yes	No	No	No	No	
% Households with severe housing problems	14	13	14	14	14	13
% Driving alone to work	85	84	84	83	82	79
% Long commute - driving alone	15	15	16	17	16	22

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Health Factors: Drivers with greatest impact on ranking, Sedgwick County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	4.6%	3.2%	-
2	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	35%	36%	+
3	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	2197	2708	+
4	Sexually Transmitted Infections	Number of newly diagnosed chlamydia cases per 100,000 population.	Health Behaviors	687	502	-
5	Flu Vaccinations	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	Clinical Care	56%	51%	+

Health Outcomes: Drivers with the greatest impact on ranking, Sedgwick County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	8%	7.2%	-
3	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	8909	7458	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	+

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Seward County



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Health Factors Rank

Health Outcomes Rank

Population: 21,747

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23

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	59	58	62	79	53	N/A
Length of Life- Rank	17	14	12	22	22	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6732	6441	6487	7225	7225	7458
Quality of Life- Rank	84	92	98	97	77	N/A
% Reporting poor or fair health, adults [#]			28	29	20	13
Average number of poor physical health days, adults [#]			4	5	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	5.6	5.8	6	6	6	7.2
Health Factors- Rank	92	95	97	94	97	N/A
Health Behaviors- Rank	83	89	60	73	90	N/A
% Smokers, adults [#]			20	17	19	17
% Obese, adults age 20 and older [#]				40	41	36
Food environment index, 0 (worst) to 10 (best)	9.5	9.2	8.7	8.3	8.4	7
% Physically inactive, adults age 20 and older [#]				42	34	21
% Access to exercise opportunities [#]					91	80
% Excessive drinking, adults [#]			15	14	17	20
% Driving deaths with alcohol-involvement ^Δ	23	28	38	38	38	19
Sexually transmitted infection rate, per 100,000 population	514	573	573	728	532	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	64	56	53	49	49	22
Clinical Care- Rank	100	97	103	102	99	N/A
% Uninsured, population under age 65	21	20	19	20	21	10
Primary care physicians rate, per 100,000 population	53	54	37	37	38	79
Dentists rate, per 100,000 population	32	32	33	33	32	62
Mental health providers rate, per 100,000 population	72	78	84	95	92	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4709	4226	4692	3068	2188	2708
% Mammography screening, Medicare females age 65-74	19	20	18	22	17	42
% Flu vaccinations, Medicare enrollees	36	36	38	37	37	51
Social & Economic Factors- Rank	85	95	102	96	93	N/A
% High school completion, adults age 25 and older [@]			66	70	70	92
% With some college, adults age 25-44	39	35	37	43	42	71
% Unemployed, population age 16 and older	3.5	3.3	3.1	4.4	2.8	3.2
% Children in poverty	20	19	18	15	16	14
Income inequality ratio, 80th to 20th percentile	3.8	3.7	3.8	3.4	3.5	4.4
% Children in single-parent households [#]			22	19	17	21
Membership associations rate, per 10,000 population	12.3	10.8	11.5	11.7	13.3	13.2
Injury death rate, per 100,000 population ^Δ	70	71	67	68	68	78
Physical Environment- Rank	20	21	21	20	28	N/A
Average daily density of fine particulate matter	7.2	7.2	6	7	6.5	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	16	16	16	16	15	13
% Driving alone to work	72	71	72	72	74	79
% Long commute - driving alone	9	12	11	11	11	22

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Health Factors: Drivers with greatest impact on ranking, Seward County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	70%	92%	-
2	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	21%	10%	-
3	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	42%	71%	-
4	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	41%	36%	-
5	Physical Inactivity	Percentage of adults age 18 and over reporting no leisure-time physical activity (age-adjusted).	Health Behaviors	34%	21%	-

Health Outcomes: Drivers with the greatest impact on ranking, Seward County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	20%	13%	-
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7225	7458	+
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6%	7.2%	+

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Shawnee County



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Health Factors Rank

79

Health Outcomes Rank

Population: 178,264

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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	79	81	64	54	79	N/A
Length of Life- Rank	78	81	82	77	77	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	8644	8839	8864	9104	9104	7458
Quality of Life- Rank	75	78	42	38	80	N/A
% Reporting poor or fair health, adults [#]			16	18	13	13
Average number of poor physical health days, adults [#]			4	3	3	3
Average number of poor mental health days, adults [#]			4	4	5	4
% Low birthweight, <2,500 grams ^Δ	7.3	7.3	7.1	7.3	7.3	7.2
Health Factors- Rank	59	78	47	56	45	N/A
Health Behaviors- Rank	60	90	45	43	19	N/A
% Smokers, adults [#]			20	17	17	17
% Obese, adults age 20 and older [#]				39	37	36
Food environment index, 0 (worst) to 10 (best)	7.4	7.4	7.5	7.5	7.6	7
% Physically inactive, adults age 20 and older [#]				29	22	21
% Access to exercise opportunities [#]					88	80
% Excessive drinking, adults [#]			16	18	18	20
% Driving deaths with alcohol-involvement ^Δ	25	25	22	16	16	19
Sexually transmitted infection rate, per 100,000 population	533	654	716	734	772	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	36	33	30	28	28	22
Clinical Care- Rank	5	5	5	3	9	N/A
% Uninsured, population under age 65	9	9	9	9	9	10
Primary care physicians rate, per 100,000 population	70	73	77	74	72	79
Dentists rate, per 100,000 population	62	64	66	66	67	62
Mental health providers rate, per 100,000 population	336	349	356	363	365	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3997	4214	4152	3960	3302	2708
% Mammography screening, Medicare females age 65-74	52	53	55	56	52	42
% Flu vaccinations, Medicare enrollees	56	58	59	60	62	51
Social & Economic Factors- Rank	73	81	62	77	73	N/A
% High school completion, adults age 25 and older [@]			92	92	93	92
% With some college, adults age 25-44	66	66	67	67	68	71
% Unemployed, population age 16 and older	3.7	3.5	3.3	5.9	3.1	3.2
% Children in poverty	15	18	13	13	16	14
Income inequality ratio, 80th to 20th percentile	4.3	4.3	4.1	4	4.3	4.4
% Children in single-parent households [#]			22	23	24	21
Membership associations rate, per 10,000 population	16.8	16.2	16	15.7	15.4	13.2
Injury death rate, per 100,000 population ^Δ	82	88	93	99	99	78
Physical Environment- Rank	89	95	85	101	83	N/A
Average daily density of fine particulate matter	9.6	9.6	7.1	9.7	9.3	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	No	
% Households with severe housing problems	14	13	13	14	13	13
% Driving alone to work	83	83	83	81	81	79
% Long commute - driving alone	13	13	13	12	12	22

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.

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Health Factors: Drivers with greatest impact on ranking, Shawnee County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	17%	17%	+
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.1%	3.2%	-
3	Air Pollution - Particulate Matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	Physical Environment	9.3	6.7	-
4	Flu Vaccinations	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	Clinical Care	62%	51%	+
5	Sexually Transmitted Infections	Number of newly diagnosed chlamydia cases per 100,000 population.	Health Behaviors	772	502	-

Health Outcomes: Drivers with the greatest impact on ranking, Shawnee County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9104	7458	-
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.3%	7.2%	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+

NR: Measure could not be reported for this county.

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8

Health Factors Rank

12

Health Outcomes Rank

Population: 2,478

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	61	39	29	17	12	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	59	37	19	10	8	N/A
% Reporting poor or fair health, adults [#]			16	16	12	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.5	6.7	5.9	5.6	5.6	7.2
Health Factors- Rank	29	25	12	11	8	N/A
Health Behaviors- Rank	24	7	12	21	20	N/A
% Smokers, adults [#]			20	17	18	17
% Obese, adults age 20 and older [#]				37	38	36
Food environment index, 0 (worst) to 10 (best)	8.1	8.1	8	7.8	8.2	7
% Physically inactive, adults age 20 and older [#]				29	23	21
% Access to exercise opportunities [#]					57	80
% Excessive drinking, adults [#]			20	20	20	20
% Driving deaths with alcohol-involvement ^Δ	50	44	25	0	0	19
Sexually transmitted infection rate, per 100,000 population				159	198	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	22					22
Clinical Care- Rank	98	103	101	76	63	N/A
% Uninsured, population under age 65	16	20	16	15	7	10
Primary care physicians rate, per 100,000 population	40	40	39	40	79	79
Dentists rate, per 100,000 population	40	39	40	40	40	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	10679	8292	8017	4747	4904	2708
% Mammography screening, Medicare females age 65-74	47	45	44	49	45	42
% Flu vaccinations, Medicare enrollees	37	36	37	35	29	51
Social & Economic Factors- Rank	11	21	4	15	8	N/A
% High school completion, adults age 25 and older [@]			96	96	96	92
% With some college, adults age 25-44	69	70	77	75	76	71
% Unemployed, population age 16 and older	2.3	2.3	2.2	2.3	1.8	3.2
% Children in poverty	19	22	16	17	13	14
Income inequality ratio, 80th to 20th percentile	3.5	3.3	3.8	4.7	4.9	4.4
% Children in single-parent households [#]			23	22	17	21
Membership associations rate, per 10,000 population	39.9	31.7	31.6	39.7	39.7	13.2
Injury death rate, per 100,000 population ^Δ	95	87	87	95	95	78
Physical Environment- Rank	4	2	1	2	3	N/A
Average daily density of fine particulate matter	6.7	6.7	5.1	6.1	5.5	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	7	6	6	9	8	13
% Driving alone to work	73	70	66	65	66	79
% Long commute - driving alone	15	17	17	23	25	22

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.

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Health Factors: Drivers with greatest impact on ranking, Sheridan County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.8%	3.2%	+
2	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	4904	2708	-
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
4	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	7%	10%	+
5	Social Associations	Number of membership associations per 10,000 population.	Social and Economic Environment	39.7	13.2	+

Health Outcomes: Drivers with the greatest impact on ranking, Sheridan County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.6%	7.2%	+
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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Sherman County



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54

Health Factors Rank

28

Health Outcomes Rank

Population: 5,895

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2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	84	82	47	27	28	N/A
Length of Life- Rank	81	86	26	21	21	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	8818	9138	6974	7222	7222	7458
Quality of Life- Rank	78	70	70	43	42	N/A
% Reporting poor or fair health, adults [#]			18	17	12	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	8.4	8.2	7.8	7.6	7.6	7.2
Health Factors- Rank	64	67	51	25	54	N/A
Health Behaviors- Rank	66	76	66	11	18	N/A
% Smokers, adults [#]			20	16	17	17
% Obese, adults age 20 and older [#]				37	37	36
Food environment index, 0 (worst) to 10 (best)	5.8	5.9	5.5	6.2	6.7	7
% Physically inactive, adults age 20 and older [#]				28	22	21
% Access to exercise opportunities [#]					79	80
% Excessive drinking, adults [#]			18	19	20	20
% Driving deaths with alcohol-involvement ^Δ	14	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	251	472	202	406	406	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	35	33	23	25	25	22
Clinical Care- Rank	75	88	73	69	73	N/A
% Uninsured, population under age 65	10	10	8	9	12	10
Primary care physicians rate, per 100,000 population	34	34	17	17	17	79
Dentists rate, per 100,000 population	67	68	68	69	68	62
Mental health providers rate, per 100,000 population	34	34	51	35	34	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5147	7412	6145	4645	2821	2708
% Mammography screening, Medicare females age 65-74	31	36	33	32	28	42
% Flu vaccinations, Medicare enrollees	31	33	37	35	39	51
Social & Economic Factors- Rank	56	51	40	42	78	N/A
% High school completion, adults age 25 and older [@]			92	90	90	92
% With some college, adults age 25-44	75	73	77	81	68	71
% Unemployed, population age 16 and older	2.9	2.8	2.7	3.4	2.5	3.2
% Children in poverty	20	20	19	18	18	14
Income inequality ratio, 80th to 20th percentile	3.6	3.5	3.3	3.8	5.2	4.4
% Children in single-parent households [#]			24	20	33	21
Membership associations rate, per 10,000 population	26.8	21.9	22	22	22.5	13.2
Injury death rate, per 100,000 population ^Δ	100	110	108	95	95	78
Physical Environment- Rank	43	34	25	7	8	N/A
Average daily density of fine particulate matter	6.4	6.4	5.2	5.9	5.3	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	17	14	14	14	12	13
% Driving alone to work	84	83	81	70	70	79
% Long commute - driving alone	12	10	9	10	9	22

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.

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Health Factors: Drivers with greatest impact on ranking, Sherman County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	17%	17%	+
2	Income Inequality	Ratio of household income at the 80th percentile to income at the 20th percentile.	Social and Economic Environment	5.2	4.4	-
3	Children in Single-Parent Households	Percentage of children that live in a household headed by a single parent.	Social and Economic Environment	33%	21%	-
4	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	18%	14%	-
5	Air Pollution - Particulate Matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	Physical Environment	5.3	6.7	+

Health Outcomes: Drivers with the greatest impact on ranking, Sherman County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7222	7458	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.6%	7.2%	-
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

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Smith County

19

Health Factors Rank

30

Health Outcomes Rank

Population: 3,576



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	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	35	33	21	39	30	N/A
Length of Life- Rank	36	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7556					7458
Quality of Life- Rank	46	29	13	25	20	N/A
% Reporting poor or fair health, adults [#]			17	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	5.9	5.8	4.7	5.7	5.7	7.2
Health Factors- Rank	30	20	29	19	19	N/A
Health Behaviors- Rank	54	48	72	55	39	N/A
% Smokers, adults [#]			21	19	19	17
% Obese, adults age 20 and older [#]				36	36	36
Food environment index, 0 (worst) to 10 (best)	7.3	7.3	7.2	7.3	7.7	7
% Physically inactive, adults age 20 and older [#]				29	22	21
% Access to exercise opportunities [#]					63	80
% Excessive drinking, adults [#]			19	19	19	20
% Driving deaths with alcohol-involvement ^Δ	40	33	33	50	50	19
Sexually transmitted infection rate, per 100,000 population	135	273	136	112	223	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	16	14	17	14	14	22
Clinical Care- Rank	29	36	32	49	55	N/A
% Uninsured, population under age 65	11	13	11	12	9	10
Primary care physicians rate, per 100,000 population	138	164	139	140	141	79
Dentists rate, per 100,000 population	55	56	56	56	56	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5349	5904	4648	6153	5818	2708
% Mammography screening, Medicare females age 65-74	48	49	47	51	54	42
% Flu vaccinations, Medicare enrollees	32	32	31	31	35	51
Social & Economic Factors- Rank	37	14	8	7	13	N/A
% High school completion, adults age 25 and older [@]			93	95	96	92
% With some college, adults age 25-44	74	70	72	74	70	71
% Unemployed, population age 16 and older	2.8	2.5	2.5	2.7	1.7	3.2
% Children in poverty	20	18	16	15	15	14
Income inequality ratio, 80th to 20th percentile	4.7	4.5	4.1	4.1	4	4.4
% Children in single-parent households [#]			16	16	17	21
Membership associations rate, per 10,000 population	46.8	40.9	41.6	41.9	36.7	13.2
Injury death rate, per 100,000 population ^Δ	119	120	104	105	105	78
Physical Environment- Rank	11	52	52	22	17	N/A
Average daily density of fine particulate matter	7.3	7.3	5.7	6.7	5.9	6.7
Drinking water violations?	No	Yes	Yes	No	No	
% Households with severe housing problems	10	10	9	7	6	13
% Driving alone to work	73	79	83	85	83	79
% Long commute - driving alone	15	16	16	15	15	22

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Health Factors: Drivers with greatest impact on ranking, Smith County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	5818	2708	-
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.7%	3.2%	+
3	Primary Care Physicians	Ratio of population to primary care physicians.	Clinical Care	141	79	+
4	Alcohol-Impaired Driving Deaths	Percentage of driving deaths with alcohol involvement.	Health Behaviors	50%	19%	-
5	Social Associations	Number of membership associations per 10,000 population.	Social and Economic Environment	36.7	13.2	+

Health Outcomes: Drivers with the greatest impact on ranking, Smith County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.7%	7.2%	+
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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33

Health Factors Rank

Health Outcomes Rank

Population: 4,034

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20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	72	85	81	25	33	N/A
Length of Life- Rank	92	96	100	87	87	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	10067	9844	11278	9748	9748	7458
Quality of Life- Rank	18	60	6	4	10	N/A
% Reporting poor or fair health, adults [#]			18	19	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	5	4
% Low birthweight, <2,500 grams ^Δ	2.9		2.8	3	3	7.2
Health Factors- Rank	60	60	60	58	63	N/A
Health Behaviors- Rank	42	29	53	42	33	N/A
% Smokers, adults [#]			21	18	19	17
% Obese, adults age 20 and older [#]				36	37	36
Food environment index, 0 (worst) to 10 (best)	7.9	7.8	7.6	7.8	8	7
% Physically inactive, adults age 20 and older [#]				31	25	21
% Access to exercise opportunities [#]					46	80
% Excessive drinking, adults [#]			19	19	18	20
% Driving deaths with alcohol-involvement ^Δ	0	17	17	14	14	19
Sexually transmitted infection rate, per 100,000 population	165	238	357	96	144	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	40	40	35	33	33	22
Clinical Care- Rank	71	83	74	79	77	N/A
% Uninsured, population under age 65	15	17	14	15	15	10
Primary care physicians rate, per 100,000 population	24	24	24	24	25	79
Dentists rate, per 100,000 population	24	24	24	25	25	62
Mental health providers rate, per 100,000 population	48	48	48	49	50	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	2474	4162	3440	2779	2603	2708
% Mammography screening, Medicare females age 65-74	39	45	40	34	38	42
% Flu vaccinations, Medicare enrollees	38	36	39	35	38	51
Social & Economic Factors- Rank	72	77	66	59	67	N/A
% High school completion, adults age 25 and older [@]			91	93	92	92
% With some college, adults age 25-44	59	61	66	73	70	71
% Unemployed, population age 16 and older	3.3	2.7	2.7	3.7	2.2	3.2
% Children in poverty	22	21	19	17	19	14
Income inequality ratio, 80th to 20th percentile	3.9	4.1	4.1	4.2	3.6	4.4
% Children in single-parent households [#]			20	19	20	21
Membership associations rate, per 10,000 population	35.6	23.8	23.9	21.7	17.3	13.2
Injury death rate, per 100,000 population ^Δ	136	147	162	159	159	78
Physical Environment- Rank	26	26	27	34	70	N/A
Average daily density of fine particulate matter	7.8	7.8	6.2	7.2	6.6	6.7
Drinking water violations?	No	No	No	No	Yes	
% Households with severe housing problems	9	8	9	10	10	13
% Driving alone to work	76	77	78	82	81	79
% Long commute - driving alone	30	29	29	27	28	22

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.

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Health Factors: Drivers with greatest impact on ranking, Stafford County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	159	78	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	19%	14%	-
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.2%	3.2%	+
4	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	15%	10%	-
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	NR	-

Health Outcomes: Drivers with the greatest impact on ranking, Stafford County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	3%	7.2%	+
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9748	7458	-
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	-

NR: Measure could not be reported for this county.

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80

Health Factors Rank

78

Health Outcomes Rank

Population: 2,044

20
23

NR: Health outcomes (e.g., length of life) or health factors (e.g., health behaviors) were not ranked that year.

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	NR	62	76	73	78	N/A
Length of Life- Rank	NR	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	NR	64	80	75	88	N/A
% Reporting poor or fair health, adults [#]			20	23	17	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.9	6.8	8	7.1	7.1	7.2
Health Factors- Rank	NR	58	66	66	80	N/A
Health Behaviors- Rank	NR	65	21	47	65	N/A
% Smokers, adults [#]			18	17	19	17
% Obese, adults age 20 and older [#]				40	39	36
Food environment index, 0 (worst) to 10 (best)	9.2	9	8.2	8.3	8.5	7
% Physically inactive, adults age 20 and older [#]				35	29	21
% Access to exercise opportunities [#]					74	80
% Excessive drinking, adults [#]			18	17	17	20
% Driving deaths with alcohol-involvement ^Δ	67	40	40	33	33	19
Sexually transmitted infection rate, per 100,000 population	193	194		249	449	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	33	34	27	25	25	22
Clinical Care- Rank	NR	95	104	83	102	N/A
% Uninsured, population under age 65	16	18	16	16	18	10
Primary care physicians rate, per 100,000 population	48	49	50		0	79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3598	3815	7507	1888	2598	2708
% Mammography screening, Medicare females age 65-74	23	29	25	29	25	42
% Flu vaccinations, Medicare enrollees	26	31	39	20	30	51
Social & Economic Factors- Rank	NR	50	70	79	81	N/A
% High school completion, adults age 25 and older [@]			79	82	82	92
% With some college, adults age 25-44	61	58	52	35	35	71
% Unemployed, population age 16 and older	2.7	2.6	2.5	2.4	1.9	3.2
% Children in poverty	12	17	13	15	13	14
Income inequality ratio, 80th to 20th percentile	4.2	5.1	5	5.1	4	4.4
% Children in single-parent households [#]			14	17	32	21
Membership associations rate, per 10,000 population	33.9	19.4	25.2	19.9	20.3	13.2
Injury death rate, per 100,000 population ^Δ	124	97		109	109	78
Physical Environment- Rank	NR	8	11	14	16	N/A
Average daily density of fine particulate matter	6.5	6.5	5.5	6.2	5.5	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	9	7	10	9	6	13
% Driving alone to work	76	75	72	79	83	79
% Long commute - driving alone	14	14	16	14	14	22

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.

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Health Factors: Drivers with greatest impact on ranking, Stanton County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	35%	71%	-
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.9%	3.2%	+
3	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	18%	10%	-
4	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	82%	92%	-
5	Children in Single-Parent Households	Percentage of children that live in a household headed by a single parent.	Social and Economic Environment	32%	21%	-

Health Outcomes: Drivers with the greatest impact on ranking, Stanton County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	17%	13%	-
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.1%	7.2%	-
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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31

Health Factors Rank

Health Outcomes Rank

Population: 5,293

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20
23

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	14	13	19	38	31	N/A
Length of Life- Rank	14	17	18	24	24	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6430	6660	6671	7283	7283	7458
Quality of Life- Rank	31	18	43	53	45	N/A
% Reporting poor or fair health, adults [#]			23	25	17	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	4.1	3.8	4.1	4.3	4.3	7.2
Health Factors- Rank	73	72	81	78	85	N/A
Health Behaviors- Rank	52	45	64	76	76	N/A
% Smokers, adults [#]			21	19	20	17
% Obese, adults age 20 and older [#]				41	41	36
Food environment index, 0 (worst) to 10 (best)	8.6	8.6	8	7.5	7.8	7
% Physically inactive, adults age 20 and older [#]				37	29	21
% Access to exercise opportunities [#]					28	80
% Excessive drinking, adults [#]			17	17	18	20
% Driving deaths with alcohol-involvement ^Δ	8	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	86	89	232	182	237	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	31	32	27	27	27	22
Clinical Care- Rank	102	104	102	104	104	N/A
% Uninsured, population under age 65	15	16	17	19	20	10
Primary care physicians rate, per 100,000 population	36	36	36	36	37	79
Dentists rate, per 100,000 population	36	36	36	37	38	62
Mental health providers rate, per 100,000 population	53	54	55	74	76	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	9099	8979	6484	5896	3873	2708
% Mammography screening, Medicare females age 65-74	21	20	19	21	13	42
% Flu vaccinations, Medicare enrollees	41	41	43	44	43	51
Social & Economic Factors- Rank	50	44	68	56	60	N/A
% High school completion, adults age 25 and older [@]			78	78	74	92
% With some college, adults age 25-44	57	55	51	49	46	71
% Unemployed, population age 16 and older	3.2	2.8	2.6	2.9	2.1	3.2
% Children in poverty	15	15	14	13	14	14
Income inequality ratio, 80th to 20th percentile	4.4	4.6	4.9	3.4	3.2	4.4
% Children in single-parent households [#]			11	13	9	21
Membership associations rate, per 10,000 population	25.1	19.6	19.8	16.4	20.4	13.2
Injury death rate, per 100,000 population ^Δ	84	92	78	76	76	78
Physical Environment- Rank	33	33	22	37	52	N/A
Average daily density of fine particulate matter	7	7	5.9	6.7	6.1	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	15	13	13	15	16	13
% Driving alone to work	80	81	76	81	82	79
% Long commute - driving alone	15	17	17	17	22	22

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Health Factors: Drivers with greatest impact on ranking, Stevens County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	74%	92%	-
2	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	20%	10%	-
3	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	46%	71%	-
4	Mammography Screening	Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening.	Clinical Care	13%	42%	-
5	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.1%	3.2%	+

Health Outcomes: Drivers with the greatest impact on ranking, Stevens County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	4.3%	7.2%	+
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7283	7458	+
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	17%	13%	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-

NR: Measure could not be reported for this county.

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Health Factors Rank

Health Outcomes Rank

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Population: 22,385

2023

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	45	61	66	80	80	N/A
Length of Life- Rank	35	33	81	94	94	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	7519	7789	8831	10086	10086	7458
Quality of Life- Rank	61	72	49	58	57	N/A
% Reporting poor or fair health, adults [#]			17	18	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	6.9	6.9	6.6	6.8	6.8	7.2
Health Factors- Rank	67	82	73	68	75	N/A
Health Behaviors- Rank	72	88	85	40	50	N/A
% Smokers, adults [#]			21	18	20	17
% Obese, adults age 20 and older [#]				37	37	36
Food environment index, 0 (worst) to 10 (best)	7.5	7.5	7.4	7.9	7.7	7
% Physically inactive, adults age 20 and older [#]				29	23	21
% Access to exercise opportunities [#]					56	80
% Excessive drinking, adults [#]			18	18	18	20
% Driving deaths with alcohol-involvement ^Δ	23	17	26	18	18	19
Sexually transmitted infection rate, per 100,000 population	238	345	294	324	412	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	31	29	25	22	22	22
Clinical Care- Rank	34	30	35	27	52	N/A
% Uninsured, population under age 65	9	10	10	10	10	10
Primary care physicians rate, per 100,000 population	39	35	26	31	27	79
Dentists rate, per 100,000 population	30	30	31	35	36	62
Mental health providers rate, per 100,000 population	99	87	92	89	98	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3310	2976	2647	2682	2820	2708
% Mammography screening, Medicare females age 65-74	35	38	36	36	32	42
% Flu vaccinations, Medicare enrollees	44	45	46	48	49	51
Social & Economic Factors- Rank	62	64	60	87	80	N/A
% High school completion, adults age 25 and older [@]			92	93	93	92
% With some college, adults age 25-44	67	67	65	65	65	71
% Unemployed, population age 16 and older	3.8	3.5	3.4	8.1	4.1	3.2
% Children in poverty	16	17	15	14	15	14
Income inequality ratio, 80th to 20th percentile	4.8	5	4.7	4.6	4.6	4.4
% Children in single-parent households [#]			17	16	12	21
Membership associations rate, per 10,000 population	18.5	17.7	16.5	14.9	15.9	13.2
Injury death rate, per 100,000 population ^Δ	79	76	78	74	74	78
Physical Environment- Rank	87	94	88	59	93	N/A
Average daily density of fine particulate matter	9.1	9.1	6.7	7.6	7.6	6.7
Drinking water violations?	Yes	Yes	Yes	No	Yes	
% Households with severe housing problems	11	11	11	11	11	13
% Driving alone to work	82	82	82	81	82	79
% Long commute - driving alone	39	39	42	45	46	22

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Health Factors: Drivers with greatest impact on ranking, Sumner County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	4.1%	3.2%	-
2	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	74	78	+
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	20%	17%	-
4	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	NR	-
5	Income Inequality	Ratio of household income at the 80th percentile to income at the 20th percentile.	Social and Economic Environment	4.6	4.4	-

Health Outcomes: Drivers with the greatest impact on ranking, Sumner County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	10086	7458	-
2	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
4	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.8%	7.2%	-
5	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-

NR: Measure could not be reported for this county.

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16

Health Factors Rank

70

Health Outcomes Rank

Population: 7,877

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	7	20	49	86	70	N/A
Length of Life- Rank	8	22	78	100	100	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	5891	6867	8605	10683	10683	7458
Quality of Life- Rank	15	25	23	57	31	N/A
% Reporting poor or fair health, adults [#]			16	17	12	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	6.8	6.3	6.4	6.8	6.8	7.2
Health Factors- Rank	26	27	8	12	16	N/A
Health Behaviors- Rank	34	53	19	48	37	N/A
% Smokers, adults [#]			19	19	18	17
% Obese, adults age 20 and older [#]				35	38	36
Food environment index, 0 (worst) to 10 (best)	7.7	7.6	7.6	6.9	7.4	7
% Physically inactive, adults age 20 and older [#]				29	22	21
% Access to exercise opportunities [#]					78	80
% Excessive drinking, adults [#]			19	19	20	20
% Driving deaths with alcohol-involvement ^Δ	17	25	31	33	33	19
Sexually transmitted infection rate, per 100,000 population	240	398	244	322	412	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	26	24	20	17	17	22
Clinical Care- Rank	57	57	53	58	54	N/A
% Uninsured, population under age 65	9	9	10	11	12	10
Primary care physicians rate, per 100,000 population	76	64	65	64	52	79
Dentists rate, per 100,000 population	51	52	51	52	51	62
Mental health providers rate, per 100,000 population	128	156	154	169	190	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5950	5933	5559	6063	3359	2708
% Mammography screening, Medicare females age 65-74	41	47	50	54	50	42
% Flu vaccinations, Medicare enrollees	26	27	29	33	31	51
Social & Economic Factors- Rank	15	6	3	1	5	N/A
% High school completion, adults age 25 and older [@]			93	93	92	92
% With some college, adults age 25-44	77	82	77	81	75	71
% Unemployed, population age 16 and older	2.6	2.6	2.3	2.9	1.8	3.2
% Children in poverty	12	12	10	9	11	14
Income inequality ratio, 80th to 20th percentile	4.6	4.4	4.7	3.6	4	4.4
% Children in single-parent households [#]			8	5	8	21
Membership associations rate, per 10,000 population	27.9	19.3	19.5	19.3	19.5	13.2
Injury death rate, per 100,000 population ^Δ	81	77	95	87	87	78
Physical Environment- Rank	39	58	47	58	27	N/A
Average daily density of fine particulate matter	6.6	6.6	5.1	5.9	5.4	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	No	
% Households with severe housing problems	11	13	13	13	13	13
% Driving alone to work	79	83	82	83	81	79
% Long commute - driving alone	10	8	8	11	9	22

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, Thomas County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.8%	3.2%	+
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	11%	14%	+
3	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
4	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	75%	71%	+
5	Children in Single-Parent Households	Percentage of children that live in a household headed by a single parent.	Social and Economic Environment	8%	21%	+

Health Outcomes: Drivers with the greatest impact on ranking, Thomas County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	10683	7458	-
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.8%	7.2%	-

NR: Measure could not be reported for this county.

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- Red Minus: Measure with a negative impact on a county’s ranking position.

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Trego County

23

Health Factors Rank

68

Health Outcomes Rank

Population: 2,793



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2023

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	22	31	63	56	68	N/A
Length of Life- Rank	46	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	12	26	64	56	70	N/A
% Reporting poor or fair health, adults [#]			15	16	12	13
Average number of poor physical health days, adults [#]			4	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.8	8.4	8.7	8.2	8.2	7.2
Health Factors- Rank	41	50	48	30	23	N/A
Health Behaviors- Rank	10	16	33	17	27	N/A
% Smokers, adults [#]			19	18	18	17
% Obese, adults age 20 and older [#]				35	36	36
Food environment index, 0 (worst) to 10 (best)	8.6	8.5	8.6	8.5	8.9	7
% Physically inactive, adults age 20 and older [#]				28	23	21
% Access to exercise opportunities [#]					71	80
% Excessive drinking, adults [#]			20	20	20	20
% Driving deaths with alcohol-involvement ^Δ	15	18	25	29	29	19
Sexually transmitted infection rate, per 100,000 population	171	173		143		502
Teen birth rate, per 1,000 females age 15-19 ^Δ	25	24	22	23	23	22
Clinical Care- Rank	96	98	100	100	95	N/A
% Uninsured, population under age 65	8	10	10	11	11	10
Primary care physicians rate, per 100,000 population	35	35	72	71	73	79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population	69	72	71	73	72	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	12230	11249	10537	7219	5322	2708
% Mammography screening, Medicare females age 65-74	42	38	37	38	39	42
% Flu vaccinations, Medicare enrollees	27	26	22	23	24	51
Social & Economic Factors- Rank	51	48	37	24	11	N/A
% High school completion, adults age 25 and older [@]			93	94	95	92
% With some college, adults age 25-44	75	70	66	71	63	71
% Unemployed, population age 16 and older	3.3	3.2	2.8	3.5	2.1	3.2
% Children in poverty	16	16	15	15	11	14
Income inequality ratio, 80th to 20th percentile	3.4	3.7	3.8	3.7	3.7	4.4
% Children in single-parent households [#]			16	16	12	21
Membership associations rate, per 10,000 population	31.3	24.3	25.1	25	25.4	13.2
Injury death rate, per 100,000 population ^Δ	151	125	112	92	92	78
Physical Environment- Rank	8	14	7	3	6	N/A
Average daily density of fine particulate matter	6.9	6.9	4.1	5.7	5.3	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	6	6	3	2	2	13
% Driving alone to work	75	79	84	80	80	79
% Long commute - driving alone	25	26	26	18	24	22

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.

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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, Trego County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	5322	2708	-
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	11%	14%	+
3	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2.1%	3.2%	+
4	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	+
5	Severe Housing Problems	Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, lack of kitchen facilities, or lack of plumbing facilities.	Physical Environment	2%	13%	+

Health Outcomes: Drivers with the greatest impact on ranking, Trego County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	8.2%	7.2%	-
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	12%	13%	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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- Red Minus: Measure with a negative impact on a county’s ranking position.

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Wabaunsee County



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9

Health Factors Rank

5

Health Outcomes Rank

Population: 6,966

20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	4	7	6	4	5	N/A
Length of Life- Rank	10	20	24	28	28	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6184	6813	6930	7463	7463	7458
Quality of Life- Rank	4	4	2	2	3	N/A
% Reporting poor or fair health, adults [#]			14	15	11	13
Average number of poor physical health days, adults [#]			3	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	5.7	5.7	5.1	4.8	4.8	7.2
Health Factors- Rank	6	4	9	13	9	N/A
Health Behaviors- Rank	11	12	14	49	21	N/A
% Smokers, adults [#]			18	17	17	17
% Obese, adults age 20 and older [#]				36	37	36
Food environment index, 0 (worst) to 10 (best)	7.6	7.6	7.5	7.7	7.8	7
% Physically inactive, adults age 20 and older [#]				27	22	21
% Access to exercise opportunities [#]					14	80
% Excessive drinking, adults [#]			20	22	21	20
% Driving deaths with alcohol-involvement ^Δ	13	15	14	41	41	19
Sexually transmitted infection rate, per 100,000 population	173	306	262	216	245	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	22	22	19	15	15	22
Clinical Care- Rank	19	16	16	16	26	N/A
% Uninsured, population under age 65	8	7	8	8	10	10
Primary care physicians rate, per 100,000 population	29	29	43	43	43	79
Dentists rate, per 100,000 population						62
Mental health providers rate, per 100,000 population	58	58	72	72	72	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	3483	3459	3842	3443	3036	2708
% Mammography screening, Medicare females age 65-74	50	47	50	46	47	42
% Flu vaccinations, Medicare enrollees	45	48	48	48	56	51
Social & Economic Factors- Rank	8	8	9	8	7	N/A
% High school completion, adults age 25 and older [@]			95	96	96	92
% With some college, adults age 25-44	73	77	78	75	74	71
% Unemployed, population age 16 and older	3.2	3.2	3.2	4.2	2.5	3.2
% Children in poverty	10	11	9	9	8	14
Income inequality ratio, 80th to 20th percentile	3.2	3.5	3.4	3.2	3.3	4.4
% Children in single-parent households [#]			16	17	14	21
Membership associations rate, per 10,000 population	20.3	16	14.5	14.4	11.6	13.2
Injury death rate, per 100,000 population ^Δ	89	101	107	90	90	78
Physical Environment- Rank	54	49	64	68	69	N/A
Average daily density of fine particulate matter	8.9	8.9	7.1	8.5	8.1	6.7
Drinking water violations?	No	No	Yes	Yes	Yes	
% Households with severe housing problems	11	9	8	7	7	13
% Driving alone to work	78	76	75	73	73	79
% Long commute - driving alone	48	48	49	48	46	22

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.

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Health Factors: Drivers with greatest impact on ranking, Wabaunsee County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	17%	17%	+
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	8%	14%	+
3	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	96%	92%	+
4	Some College	Percentage of adults ages 25-44 with some post-secondary education.	Social and Economic Environment	74%	71%	+
5	Excessive Drinking	Percentage of adults reporting binge or heavy drinking (age-adjusted).	Health Behaviors	21%	20%	-

Health Outcomes: Drivers with the greatest impact on ranking, Wabaunsee County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	4.8%	7.2%	+
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7463	7458	+
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	11%	13%	+
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+

NR: Measure could not be reported for this county.

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Wallace County



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NR

NR

Health Factors Rank

Health Outcomes Rank

Population: 1,508

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2023

NR: Health outcomes (e.g., length of life) or health factors (e.g., health behaviors) were not ranked that year.

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	NR	NR	NR	NR	NR	N/A
Length of Life- Rank	NR	NR	NR	NR	NR	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	NR	NR	NR	NR	NR	N/A
% Reporting poor or fair health, adults [#]			15	16	13	13
Average number of poor physical health days, adults [#]			3	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ			7.5			7.2
Health Factors- Rank	NR	NR	NR	NR	NR	N/A
Health Behaviors- Rank	NR	NR	NR	NR	NR	N/A
% Smokers, adults [#]			18	16	18	17
% Obese, adults age 20 and older [#]				35	35	36
Food environment index, 0 (worst) to 10 (best)	5.9	6	5.6	7.9	7.6	7
% Physically inactive, adults age 20 and older [#]				27	23	21
% Access to exercise opportunities [#]					35	80
% Excessive drinking, adults [#]			19	20	20	20
% Driving deaths with alcohol-involvement ^Δ	0	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population			263			502
Teen birth rate, per 1,000 females age 15-19 ^Δ						22
Clinical Care- Rank	NR	NR	NR	NR	NR	N/A
% Uninsured, population under age 65	10	13	11	11	11	10
Primary care physicians rate, per 100,000 population	0	0	0	0	0	79
Dentists rate, per 100,000 population	0	0	0	0	0	62
Mental health providers rate, per 100,000 population	66	67	66	65	133	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	6414	3001	1535	3986		2708
% Mammography screening, Medicare females age 65-74	42	40	41	45	40	42
% Flu vaccinations, Medicare enrollees	21	25	30	33	40	51
Social & Economic Factors- Rank	NR	NR	NR	NR	NR	N/A
% High school completion, adults age 25 and older [@]			95	95	96	92
% With some college, adults age 25-44	73	82	81	73	77	71
% Unemployed, population age 16 and older	2.5	2.6	2.6	2.2	1.7	3.2
% Children in poverty	15	15	18	23	19	14
Income inequality ratio, 80th to 20th percentile	5.6	4.2	3.5	3.6	3.5	4.4
% Children in single-parent households [#]			3	1	10	21
Membership associations rate, per 10,000 population	40.1	32.8	33.3	26.4	19.5	13.2
Injury death rate, per 100,000 population ^Δ						78
Physical Environment- Rank	NR	NR	NR	NR	NR	N/A
Average daily density of fine particulate matter	6.5	6.5	5.2	5.8	5.2	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	6	6	7	5	6	13
% Driving alone to work	76	73	66	69	72	79
% Long commute - driving alone	19	17	16	23	20	22

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.

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Health Factors: Drivers with greatest impact on ranking, Wallace County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	18%	17%	NR
2	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	35%	36%	NR
3	Food Environment Index	Index of factors that contribute to a healthy food environment, from 0 (worst) to 10 (best).	Health Behaviors	7.6	7	NR
4	Physical Inactivity	Percentage of adults age 18 and over reporting no leisure-time physical activity (age-adjusted).	Health Behaviors	23%	21%	NR
5	Access to Exercise Opportunities	Percentage of population with adequate access to locations for physical activity.	Health Behaviors	35%	80%	NR

Health Outcomes: Drivers with the greatest impact on ranking, Wallace County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR
2	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	NR
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	NR
4	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	NR
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	NR	7.2%	NR

NR: Measure could not be reported for this county.

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- Red Minus: Measure with a negative impact on a county’s ranking position.

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36

Health Factors Rank

49

Health Outcomes Rank

Population: 5,511

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20
23

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	21	60	68	64	49	N/A
Length of Life- Rank	19	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	6798					7458
Quality of Life- Rank	40	63	68	61	41	N/A
% Reporting poor or fair health, adults [#]			17	17	13	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			4	5	4	4
% Low birthweight, <2,500 grams ^Δ	8.2	8.7	8.1	7.3	7.3	7.2
Health Factors- Rank	17	15	22	16	36	N/A
Health Behaviors- Rank	9	21	39	38	61	N/A
% Smokers, adults [#]			20	19	19	17
% Obese, adults age 20 and older [#]				34	40	36
Food environment index, 0 (worst) to 10 (best)	7.1	7.1	6.9	7.1	7.5	7
% Physically inactive, adults age 20 and older [#]				29	23	21
% Access to exercise opportunities [#]					33	80
% Excessive drinking, adults [#]			20	19	20	20
% Driving deaths with alcohol-involvement ^Δ	11	0	0	0	0	19
Sexually transmitted infection rate, per 100,000 population	143	164	109	222	148	502
Teen birth rate, per 1,000 females age 15-19 ^Δ						22
Clinical Care- Rank	59	60	59	60	87	N/A
% Uninsured, population under age 65	12	12	12	13	12	10
Primary care physicians rate, per 100,000 population	54	55	55	55	55	79
Dentists rate, per 100,000 population	18	18	18	18	18	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4540	5195	5097	4586	4252	2708
% Mammography screening, Medicare females age 65-74	48	50	53	49	45	42
% Flu vaccinations, Medicare enrollees	35	37	35	39	19	51
Social & Economic Factors- Rank	14	12	7	3	2	N/A
% High school completion, adults age 25 and older [@]			92	93	94	92
% With some college, adults age 25-44	66	64	61	58	61	71
% Unemployed, population age 16 and older	3	2.7	2.6	2.5	1.7	3.2
% Children in poverty	14	17	13	12	11	14
Income inequality ratio, 80th to 20th percentile	3.5	3.5	3.6	3.3	3.5	4.4
% Children in single-parent households [#]			12	11	12	21
Membership associations rate, per 10,000 population	39.7	32.8	31.4	33.3	33.2	13.2
Injury death rate, per 100,000 population ^Δ	68	54	58	70	70	78
Physical Environment- Rank	57	29	31	71	74	N/A
Average daily density of fine particulate matter	8.4	8.4	6.9	7.8	7.1	6.7
Drinking water violations?	Yes	No	No	Yes	Yes	
% Households with severe housing problems	9	6	6	7	8	13
% Driving alone to work	78	80	82	82	81	79
% Long commute - driving alone	24	24	28	29	26	22

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, Washington County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	1.7%	3.2%	+
2	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	11%	14%	+
3	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	4252	2708	-
4	Flu Vaccinations	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.	Clinical Care	19%	51%	-
5	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	40%	36%	-

Health Outcomes: Drivers with the greatest impact on ranking, Washington County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
2	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7.3%	7.2%	-
3	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	13%	13%	+
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure 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. Drivers are provided in order of impact on ranking for this year. For more information on the calculation of score and rankings, please visit: <https://bit.ly/2023CHRzScores>. For more information on measure source, ranking weight and year(s), please visit <https://bit.ly/CHRinfo>.



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15

39

Health Factors Rank

Health Outcomes Rank

Population: 2,082

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20
23

NR: Health outcomes (e.g., length of life) or health factors (e.g., health behaviors) were not ranked that year.

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	NR	40	43	28	39	N/A
Length of Life- Rank	NR	38	39	44	44	N/A
Premature death (years of potential life lost, per 100,000) ^Δ						7458
Quality of Life- Rank	NR	40	37	17	26	N/A
% Reporting poor or fair health, adults [#]			17	18	14	13
Average number of poor physical health days, adults [#]			3	3	3	3
Average number of poor mental health days, adults [#]			4	4	4	4
% Low birthweight, <2,500 grams ^Δ	6.1	6.7	8	7	7	7.2
Health Factors- Rank	NR	38	20	3	15	N/A
Health Behaviors- Rank	NR	43	34	7	7	N/A
% Smokers, adults [#]			18	15	17	17
% Obese, adults age 20 and older [#]				40	37	36
Food environment index, 0 (worst) to 10 (best)	6.5	6.1	5.6	9.1	9	7
% Physically inactive, adults age 20 and older [#]				31	24	21
% Access to exercise opportunities [#]					74	80
% Excessive drinking, adults [#]			19	18	19	20
% Driving deaths with alcohol-involvement ^Δ	67	75	33	29	29	19
Sexually transmitted infection rate, per 100,000 population		329	235	189	236	502
Teen birth rate, per 1,000 females age 15-19 ^Δ						22
Clinical Care- Rank	NR	91	83	46	91	N/A
% Uninsured, population under age 65	19	20	18	17	17	10
Primary care physicians rate, per 100,000 population	95	47	95	94	48	79
Dentists rate, per 100,000 population	47	48	47	48	48	62
Mental health providers rate, per 100,000 population						224
Preventable hospital stays rate, per 100,000 Medicare enrollees	7279	4542	5172	2650	4767	2708
% Mammography screening, Medicare females age 65-74	36	38	43	45	51	42
% Flu vaccinations, Medicare enrollees	44	44	45	44	45	51
Social & Economic Factors- Rank	NR	32	16	13	23	N/A
% High school completion, adults age 25 and older [@]			87	89	87	92
% With some college, adults age 25-44	45	53	59	70	64	71
% Unemployed, population age 16 and older	2.4	2.2	2	2.1	2	3.2
% Children in poverty	18	19	16	14	13	14
Income inequality ratio, 80th to 20th percentile	3.7	3.9	3.5	4	3.6	4.4
% Children in single-parent households [#]			8	12	18	21
Membership associations rate, per 10,000 population	47.3	37.6	42.8	42.5	38.6	13.2
Injury death rate, per 100,000 population ^Δ	121	112				78
Physical Environment- Rank	NR	1	4	5	2	N/A
Average daily density of fine particulate matter	6.8	6.8	5.4	6.3	5.7	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	8	8	7	7	7	13
% Driving alone to work	65	68	70	72	67	79
% Long commute - driving alone	9	9	16	14	15	22

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.

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Health Factors: Drivers with greatest impact on ranking, Wichita County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	17%	17%	+
2	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	2%	3.2%	+
3	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	4767	2708	-
4	Uninsured	Percentage of population under age 65 without health insurance.	Clinical Care	17%	10%	-
5	Social Associations	Number of membership associations per 10,000 population.	Social and Economic Environment	38.6	13.2	+

Health Outcomes: Drivers with the greatest impact on ranking, Wichita County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	+
2	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	+
3	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	7%	7.2%	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	+
5	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	NR	7458	NR

NR: Measure could not be reported for this county.

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Health Factors Rank

95

Health Outcomes Rank

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Population: 8,526

2023

Empty cells: Shaded cells indicate measures were new additions (@), omitted due to methodology change (#), or are unavailable due to low reliability.

Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	94	90	98	92	95	N/A
Length of Life- Rank	93	91	98	88	88	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	10092	9456	10541	9827	9827	7458
Quality of Life- Rank	83	83	93	89	92	N/A
% Reporting poor or fair health, adults [#]			19	19	15	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	5	4
% Low birthweight, <2,500 grams ^Δ	6.3	6.5	6.9	6.8	6.8	7.2
Health Factors- Rank	95	93	95	99	100	N/A
Health Behaviors- Rank	93	97	102	94	95	N/A
% Smokers, adults [#]			23	21	22	17
% Obese, adults age 20 and older [#]				36	39	36
Food environment index, 0 (worst) to 10 (best)	7.5	7.5	7.3	7.1	7.2	7
% Physically inactive, adults age 20 and older [#]				32	25	21
% Access to exercise opportunities [#]					37	80
% Excessive drinking, adults [#]			18	20	19	20
% Driving deaths with alcohol-involvement ^Δ	7	20	17	19	19	19
Sexually transmitted infection rate, per 100,000 population	203	208	150	282	199	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	35	34	31	31	31	22
Clinical Care- Rank	69	48	47	65	53	N/A
% Uninsured, population under age 65	11	10	10	11	10	10
Primary care physicians rate, per 100,000 population	57	69	69	47	48	79
Dentists rate, per 100,000 population	35	35	35	36	35	62
Mental health providers rate, per 100,000 population	23	23	23	12	12	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	5287	4540	4474	4889	3140	2708
% Mammography screening, Medicare females age 65-74	38	36	43	48	41	42
% Flu vaccinations, Medicare enrollees	37	39	36	34	38	51
Social & Economic Factors- Rank	93	96	88	100	102	N/A
% High school completion, adults age 25 and older [@]			88	89	91	92
% With some college, adults age 25-44	60	65	67	67	63	71
% Unemployed, population age 16 and older	4.7	4.4	4	7.8	4	3.2
% Children in poverty	21	22	17	18	22	14
Income inequality ratio, 80th to 20th percentile	4.1	4.2	4.3	4.7	4.4	4.4
% Children in single-parent households [#]			28	28	29	21
Membership associations rate, per 10,000 population	25.2	21.9	23.1	23.5	22.7	13.2
Injury death rate, per 100,000 population ^Δ	119	111	122	137	137	78
Physical Environment- Rank	82	89	92	92	79	N/A
Average daily density of fine particulate matter	9.7	9.7	8	8.9	8.7	6.7
Drinking water violations?	Yes	Yes	Yes	Yes	No	
% Households with severe housing problems	11	13	14	13	13	13
% Driving alone to work	78	79	79	81	81	79
% Long commute - driving alone	19	16	16	19	20	22

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.

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Health Factors: Drivers with greatest impact on ranking, Wilson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	4%	3.2%	-
2	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	22%	17%	-
3	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	22%	14%	-
4	Injury Deaths	Number of deaths due to injury per 100,000 population.	Social and Economic Environment	137	78	-
5	Air Pollution - Particulate Matter	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).	Physical Environment	8.7	6.7	-

Health Outcomes: Drivers with the greatest impact on ranking, Wilson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	9827	7458	-
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	15%	13%	-
5	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	6.8%	7.2%	-

NR: Measure could not be reported for this county.

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Health Factors Rank

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Health Outcomes Rank

Population: 3,102

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N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	81	76	78	72	44	N/A
Length of Life- Rank	46	38	39	38	38	N/A
Premature death (years of potential life lost, per 100,000) ^Δ				7813	7813	7458
Quality of Life- Rank	93	82	84	86	49	N/A
% Reporting poor or fair health, adults [#]			21	20	14	13
Average number of poor physical health days, adults [#]			4	4	3	3
Average number of poor mental health days, adults [#]			5	5	4	4
% Low birthweight, <2,500 grams ^Δ			5.3	5.8	5.8	7.2
Health Factors- Rank	90	99	98	97	86	N/A
Health Behaviors- Rank	88	85	100	99	85	N/A
% Smokers, adults [#]			25	21	21	17
% Obese, adults age 20 and older [#]				37	37	36
Food environment index, 0 (worst) to 10 (best)	6.9	7.1	6.6	6.6	7.2	7
% Physically inactive, adults age 20 and older [#]				33	26	21
% Access to exercise opportunities [#]					11	80
% Excessive drinking, adults [#]			18	18	19	20
% Driving deaths with alcohol-involvement ^Δ	0	0	0	17	17	19
Sexually transmitted infection rate, per 100,000 population	161	254	318		287	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	43	36	35	43	43	22
Clinical Care- Rank	58	69	50	56	42	N/A
% Uninsured, population under age 65	11	12	14	13	12	10
Primary care physicians rate, per 100,000 population						79
Dentists rate, per 100,000 population	32	31	32	33	32	62
Mental health providers rate, per 100,000 population				33	32	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	4610	5196	3278	3969	1618	2708
% Mammography screening, Medicare females age 65-74	42	37	45	44	29	42
% Flu vaccinations, Medicare enrollees	33	35	37	41	41	51
Social & Economic Factors- Rank	88	101	98	92	91	N/A
% High school completion, adults age 25 and older [@]			91	92	91	92
% With some college, adults age 25-44	66	59	63	63	59	71
% Unemployed, population age 16 and older	4.5	4.3	4.2	5.9	3.5	3.2
% Children in poverty	23	24	22	21	19	14
Income inequality ratio, 80th to 20th percentile	4.5	4.7	4.8	3.4	3.4	4.4
% Children in single-parent households [#]			21	22	19	21
Membership associations rate, per 10,000 population	22.1	19.1	9.4	9.6	10	13.2
Injury death rate, per 100,000 population ^Δ	146	127	89	115	115	78
Physical Environment- Rank	76	84	68	47	66	N/A
Average daily density of fine particulate matter	9.2	9.2	7.4	8.4	8.3	6.7
Drinking water violations?	Yes	Yes	Yes	No	No	
% Households with severe housing problems	12	11	9	11	11	13
% Driving alone to work	76	78	78	78	79	79
% Long commute - driving alone	31	31	25	32	30	22

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.

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Health Factors: Drivers with greatest impact on ranking, Woodson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	3.5%	3.2%	-
2	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	21%	17%	-
3	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	19%	14%	-
4	Preventable Hospital Stays	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.	Clinical Care	1618	2708	+
5	Teen Births	Number of births per 1,000 female population ages 15-19.	Health Behaviors	43	22	-

Health Outcomes: Drivers with the greatest impact on ranking, Woodson County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	5.8%	7.2%	+
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	7813	7458	+
3	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	4	-
4	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	3	3	-
5	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	14%	13%	-

NR: Measure could not be reported for this county.

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Health Factors Rank

103

Health Outcomes Rank

Population: 167,046

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2023

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Δ: Source data have not been updated since the 2022 County Health Rankings Release.

N/A: State is not ranked against counties.

	2019	2020	2021	2022	2023	Kansas 2023
Number of Counties Ranked	102	104	104	104	104	104
Health Outcomes- Rank	99	104	104	102	103	N/A
Length of Life- Rank	87	93	90	98	98	N/A
Premature death (years of potential life lost, per 100,000) ^Δ	9230	9626	9684	10612	10612	7458
Quality of Life- Rank	102	104	104	104	104	N/A
% Reporting poor or fair health, adults [#]			26	25	20	13
Average number of poor physical health days, adults [#]			5	4	4	3
Average number of poor mental health days, adults [#]			5	4	5	4
% Low birthweight, <2,500 grams ^Δ	8.4	8.6	8.8	9.1	9.1	7.2
Health Factors- Rank	102	104	104	104	104	N/A
Health Behaviors- Rank	102	103	104	102	104	N/A
% Smokers, adults [#]			23	20	23	17
% Obese, adults age 20 and older [#]				40	46	36
Food environment index, 0 (worst) to 10 (best)	6.4	6.4	6.5	6.9	6.8	7
% Physically inactive, adults age 20 and older [#]				39	32	21
% Access to exercise opportunities [#]					93	80
% Excessive drinking, adults [#]			16	17	17	20
% Driving deaths with alcohol-involvement ^Δ	30	29	24	19	19	19
Sexually transmitted infection rate, per 100,000 population	804	895	897	928	852	502
Teen birth rate, per 1,000 females age 15-19 ^Δ	54	51	47	44	44	22
Clinical Care- Rank	94	90	91	90	88	N/A
% Uninsured, population under age 65	17	15	16	17	16	10
Primary care physicians rate, per 100,000 population	42	44	46	51	51	79
Dentists rate, per 100,000 population	41	42	41	40	40	62
Mental health providers rate, per 100,000 population	148	153	161	173	179	224
Preventable hospital stays rate, per 100,000 Medicare enrollees	6102	6670	5862	5789	4478	2708
% Mammography screening, Medicare females age 65-74	37	40	39	40	38	42
% Flu vaccinations, Medicare enrollees	43	45	48	48	50	51
Social & Economic Factors- Rank	102	104	104	104	104	N/A
% High school completion, adults age 25 and older [@]			79	80	81	92
% With some college, adults age 25-44	48	50	51	52	53	71
% Unemployed, population age 16 and older	5.2	4.8	4.3	7.8	4.7	3.2
% Children in poverty	25	27	31	25	22	14
Income inequality ratio, 80th to 20th percentile	4.6	4.4	4.4	4.5	4.4	4.4
% Children in single-parent households [#]			32	32	32	21
Membership associations rate, per 10,000 population	10.9	10.2	10	10.2	9.9	13.2
Injury death rate, per 100,000 population ^Δ	74	77	81	92	92	78
Physical Environment- Rank	91	96	94	96	92	N/A
Average daily density of fine particulate matter	10.1	10.1	8.5	9.8	9.4	6.7
Drinking water violations?	No	No	No	No	No	
% Households with severe housing problems	20	20	19	18	18	13
% Driving alone to work	81	81	82	80	78	79
% Long commute - driving alone	24	24	23	23	24	22

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, Wyandotte County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Unemployment	Percentage of population ages 16 and older unemployed but seeking work.	Social and Economic Environment	4.7%	3.2%	-
2	Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	Health Behaviors	23%	17%	-
3	Adult Obesity	Percentage of the adult population (age 18 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m2 (age-adjusted).	Health Behaviors	46%	36%	-
4	Children in Poverty	Percentage of people under age 18 in poverty.	Social and Economic Environment	22%	14%	-
5	High School Completion	Percentage of adults ages 25 and over with a high school diploma or equivalent.	Social and Economic Environment	81%	92%	-

Health Outcomes: Drivers with the greatest impact on ranking, Wyandotte County, KS - 2023

	Measure	Description	Factor Category	County Value	State Value	Impact on Rankings
1	Low Birthweight	Percentage of live births with low birthweight (< 2,500 grams).	Quality of Life	9.1%	7.2%	-
2	Premature Death	Years of potential life lost before age 75 per 100,000 population (age-adjusted).	Length of Life	10612	7458	-
3	Poor Physical Health Days	Average number of physically unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	4	3	-
4	Poor or Fair Health	Percentage of adults reporting fair or poor health (age-adjusted).	Quality of Life	20%	13%	-
5	Poor Mental Health Days	Average number of mentally unhealthy days reported in past 30 days (age-adjusted).	Quality of Life	5	4	-

NR: Measure 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. Drivers are provided in order of impact on ranking for this year. For more information on the calculation of score and rankings, please visit: <https://bit.ly/2023CHRzScores>. For more information on measure source, ranking weight and year(s), please visit <https://bit.ly/CHRinfo>.



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