

2020

Linn County

Pop. 9,750

102 87

Health
Factors
Rank

Health
Outcomes
Rank

Empty cells: Shaded = Item was not used to calculate rankings that year; White = Data unavailable. NR: Health outcomes (e.g., length of life) or health factors (e.g., health behaviors) were not ranked that year. n/a: State is not ranked against counties.

represents substantial changes in data sources or calculation of the measure that would affect comparisons with similar measures in prior years.

§ represents measures derived among Medicare enrollees.

Please refer to the [County Health Rankings & Roadmaps](#) to find out more about the indicator changes.

This document was prepared by the staff at the Kansas Health Institute. If you would like more information about County Health Rankings & Roadmaps, please contact Charles Hunt at (785) 233-5443 or email at chunt@khi.org.

County Health Rankings & Roadmaps

Building a Culture of Health, County by County

A Robert Wood Johnson Foundation program



KANSAS HEALTH INSTITUTE

Informing Policy. Improving Health.

| | 2016 | 2017 | 2018 | 2019 | 2020 | Kansas 2020 |
|---|-----------|------------|------------|------------|------------|-------------|
| Number of Counties Ranked | 101 | 102 | 103 | 102 | 104 | 104 |
| Health Outcomes- Rank | 54 | 78 | 91 | 87 | 87 | n/a |
| Length of life- Rank | 70 | 85 | 94 | 91 | 95 | n/a |
| Premature death (years of potential life lost, per 100,000) | 8509 | 9511 | 10133 | 9941 | 9649 | 7024 |
| Quality of life- Rank | 44 | 51 | 67 | 65 | 68 | n/a |
| % Reporting poor or fair health, adults | 13 | 14 | 16 | 16 | 16 | 16 |
| Avg # poor physical health days, adults | 3.2 | 3.5 | 3.5 | 3.5 | 3.7 | 3.6 |
| Avg # poor mental health days, adults | 3 | 3.2 | 3.3 | 3.3 | 4 | 3.7 |
| % Low birthweight, <2,500 grams | 6.3 | 6.2 | 6 | 5.7 | 6.3 | 7.1 |
| Health Factors- Rank | 86 | 92 | 97 | 99 | 102 | n/a |
| Health Behaviors- Rank | 52 | 67 | 71 | 85 | 99 | n/a |
| % Adult smokers | 17 | 18 | 17 | 17 | 18 | 17 |
| % Obese adults age 20 and older | 32 | 32 | 34 | 38 | 40 | 33 |
| Food environment index, 0 (worst) to 10 (best) | 6.8 | 6.8 | 7.8 | 7.7 | 7.5 | 6.8 |
| % Physically inactive adults age 20 and older | 29 | 33 | 34 | 33 | 34 | 25 |
| % Access to exercise opportunities | 20 | 20 | 65 | 64 | 64 | 80 |
| % Excessive drinking, adults | 16 | 14 | 15 | 15 | 16 | 19 |
| % Driving deaths with alcohol-involvement | 11 | 11 | 14 | 14 | 20 | 22 |
| Sexually transmitted infection rate, per 100,000 | 222 | 158 | 116 | 304 | 350 | 465 |
| Teen birth rate, per 1,000 females age 15-19 | 37 | 36 | 38 | 35 | 37 | 26 |
| Clinical Care- Rank | 78 | 71 | 71 | 81 | 77 | n/a |
| % Uninsured, population under age 65 | 16 | 13 | 12 | 12 | 11 | 10 |
| Primary care physicians rate, per 100,000 | 21 | 21 | 10 | 10 | 21 | 77 |
| Dentists rate, per 100,000 | 32 | 31 | 31 | 41 | 41 | 58 |
| Mental health providers rate, per 100,000 | 63 | 63 | 63 | 72 | 92 | 197 |
| Preventable hospital stays rate, per 1,000 [§] | 61 | 60 | 64 | | | |
| Preventable hospital stays rate, per 100,000 ^{§#} | | | | 3680 | 4863 | 4024 |
| % Diabetes monitoring, adults age 65-75 [§] | 84 | 87 | 87 | | | |
| % Mammography screening, females age 67-69 [§] | 52 | 54 | 54 | | | |
| % Mammography screening, females age 65-74 ^{§#} | | | | 37 | 42 | 45 |
| % Flu vaccinations [§] | | | | 24 | 25 | 46 |
| Social & Economic Factors- Rank | 95 | 93 | 96 | 96 | 102 | n/a |
| % High school graduation | 92 | 89 | 89 | 93 | 88 | 87 |
| % Adults age 25-44 with some college | 65 | 64 | 67 | 60 | 59 | 70 |
| % Population age 16 and older unemployed | 7.2 | 6.4 | 6.7 | 5.9 | 5.9 | 3.4 |
| % Children in poverty | 22 | 21 | 21 | 19 | 18 | 15 |
| Income inequality ratio, 80th percentile to 20th | 4.5 | 4.4 | 4.6 | 4.6 | 5.1 | 4.3 |
| % Children in single-parent households | 32 | 29 | 26 | 27 | 30 | 29 |
| Membership associations rate, per 10,000 | 9.5 | 10.5 | 10.5 | 10.5 | 7.2 | 13.7 |
| Violent crime rate, per 100,000 | 248 | 234 | 234 | 120 | 120 | 365 |
| Injury death rate, per 100,000 | 86 | 99 | 101 | 98 | 96 | 74 |
| Physical Environment- Rank | 95 | 102 | 102 | 102 | 104 | n/a |
| Avg daily density of fine particulate matter | 8.5 | 9.1 | 9.1 | 9.3 | 9.3 | 8.1 |
| Drinking water violations? yes/no | Yes | Yes | Yes | Yes | Yes | |
| % Households with severe housing problems | 16 | 16 | 17 | 18 | 20 | 13 |
| % Driving alone to work | 81 | 83 | 84 | 84 | 82 | 82 |
| % Long commute - driving alone | 45 | 47 | 49 | 49 | 50 | 21 |

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785.233.5443

The annual *County Health Rankings* provide a snapshot of the health of Kansas counties. The *Rankings* are made up of two summary scores: **Health Factors** (which measure issues that can shape the health outcomes) and **Health Outcomes** (which measure length and quality of life). The following tables illustrate the “drivers,” or measures with the greatest impact on ranking position, for this county.

What do these drivers mean? The drivers indicate the five measures that, when combined with the weighting, have the greatest impact on the ranking positions for health factors and health outcomes. Drivers labeled with a green plus sign are the weighted measures that influenced higher, or better, rankings. Drivers labeled with a red minus sign indicate priority areas which, if improved, could have the greatest impact on improving the rankings of the county.

Health Factors: Drivers with greatest impact on ranking, Linn County, KS – 2020

| | Measure | Description | Factor Category | County Value | State Value | Impact on Ranking |
|---|-------------------------|--|---------------------------------|--------------|-------------|-------------------|
| 1 | Unemployment | % of population age 16 and older unemployed but seeking work | Social and Economic Environment | 5.9% | 3.4% | — |
| 2 | Adult smoking | % of adults who are current smokers | Health Behaviors | 18% | 17% | — |
| 3 | Adult obesity | % of adults age 20 and older that report a BMI ≥ 30 | Health Behaviors | 40% | 33% | — |
| 4 | Severe housing problems | % of households with overcrowding, high housing costs, or lack of kitchen or plumbing facilities | Physical Environment | 82% | 82% | — |
| 5 | Income inequality | Ratio of household income at the 80th percentile to income at the 20th percentile | Social and Economic Environment | 5.1 | 4.3 | — |

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

| | Measure | Description | Outcome Category | County Value | State Value | Impact on Ranking |
|---|---------------------------|--|------------------|--------------|-------------|-------------------|
| 1 | Premature death | Years of potential life lost before age 75 per 100,000 population | Length of Life | 9649 | 7024 | — |
| 2 | Poor mental health days | Average # of mentally unhealthy days reported in past 30 days for adults | Quality of Life | 4 | 3.7 | — |
| 3 | Low birthweight | % of live births with low birthweight (< 2,500 grams) | Quality of Life | 6.3% | 7.1% | + |
| 4 | Poor physical health days | Average # of physically unhealthy days reported in past 30 days for adults | Quality of Life | 3.7 | 3.6 | — |
| 5 | Poor or fair health | % of adults reporting fair or poor health | Quality of Life | 16% | 16% | — |

NR: Measure (e.g., premature death) could not be reported for this county.

+ Green Plus: Measure with a positive impact on a county’s ranking position.

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

Technical Note: The state values are only provided as a point of reference. They have not been used in the determination of county rankings or top drivers for health outcomes and health factors. For more information on the calculation of score and rankings, please visit: <http://bit.ly/CHRzscores>.