

ARTHRITIS

Kansas Northeast
Corner Regionalization
Initiative



1 in 4

Adults 18 years old and older in the NE Corner Regionalization Initiative have diagnosed arthritis³

Overview

Arthritis is the most common cause of disability.¹ In 2003 the U.S. total attributable cost for arthritis and other rheumatic conditions was about \$128 billion (\$80.8 billion were medical expenditures and \$47 billion were loss of earnings).² The term arthritis covers several conditions including general arthritis, osteoarthritis, rheumatoid arthritis, gout, lupus and fibromyalgia. The Healthy People 2020 goal for arthritis is to reduce the disease and economic burden, and improve the quality of life for all persons with arthritis.

NE Corner Regionalization Initiative counties: Atchison, Brown, Doniphan, Jackson, Jefferson, Marshall, Nemaha, Shawnee

Doctor Diagnosed Arthritis Among Population Sub-Groups, Northeast Corner Regionalization Initiative 2013 ³	
Significantly Higher Arthritis Among	
Females	compared with males
Older adults	compared with younger adults
Adults with lower annual household incomes	compared with adults in higher income groups
Adults living with a disability	compared with adults living without a disability
Adults with who are obese	compared with adults who are not obese



Half of adults 18 years old and older with arthritis in the NE Corner Regionalization Initiative are **limited in their usual activities** due to arthritis symptoms.³



1. Brault MW, Hootman J, Helmick CG, et al. Prevalence and most common causes of disability among adults, United States, 2005. MMWR. 2009;58(16):421-26.
2. Centers for Disease Control and Prevention. Arthritis. CDC website. 2011. Available at: http://www.cdc.gov/arthritis/data_statistics/cost.htm. Accessed October 21, 2015.
3. Kansas Behavioral Risk Factor Surveillance System-Local Data, 2013. Kansas Department of Health and Environment, Bureau of Health Promotion website. 2014. Available at <http://www.kdheks.gov/brfss/BRFSS2013/index.html>. Accessed October 21, 2015.

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Northeast Corner Regionalization Initiative Percentage of Adults with Doctor Diagnosed Arthritis, 2013 KS BRFSS

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Interval
Kansas	7,380	23.9	0.3	23.3 - 24.5
Northeast Corner Regionalization Initiative	890	26.2	0.9	24.4 - 28.1
Gender				
Men	300	22.0	1.4	19.3 - 24.6
Women	590	30.1	1.3	27.6 - 32.7
Age Group				
18 to 44 Years	71	9.4	1.2	7.1 - 11.8
45 to 64 Years	371	32.5	1.6	29.3 - 35.6
65 Years and Older	446	50.6	1.9	46.8 - 54.3
Annual Household Income				
Less than \$35,000	378	32.9	1.9	29.3 - 36.5
\$35,000 or Higher	373	21.4	1.2	19.1 - 23.6
Disability Status				
Living with a Disability	451	56.3	2.2	51.9 - 60.6
Living without a Disability	435	17.1	0.9	15.3 - 18.9
Weight Category				
Normal or Underweight (BMI<25)	245	21.4	1.5	18.4 - 24.5
Overweight (25<=BMI<30)	278	25.1	1.6	21.9 - 28.3
Obese (BMI >30)	320	32.8	1.9	29.1 - 36.5

Numerator: Respondents who reported they had been told by a doctor or other health professional that they have some form of arthritis, rheumatoid arthritis, gout, lupus or fibromyalgia.

Denominator: All respondents, excluding unknowns and refusals.

For more details view [Technical Notes www.kdheks.gov/brfss/BRFSS2013/Technical%20Notes.pdf](http://www.kdheks.gov/brfss/BRFSS2013/Technical%20Notes.pdf).

NE Corner Regionalization Initiative, Percentage of Adults with Doctor Diagnosed Arthritis Who Are Limited in Their Usual Activities Because of Arthritis or Joint Symptoms, 2013 KS BRFSS

Numerator: Respondents who reported any limitation in their usual activities because of arthritis or joint symptoms.

Denominator: Respondents with doctor, nurse or other health professional diagnosed arthritis, excluding unknowns & refusals.

For more details view [Technical Notes www.kdheks.gov/brfss/BRFSS2013/Technical%20Notes.pdf](http://www.kdheks.gov/brfss/BRFSS2013/Technical%20Notes.pdf).

	Unweighted Frequency	Weighted Percentage	Standard Error	95% Confidence Interval
Kansas	3,286	46.4	0.7	45.0 - 47.9
Northeast Corner Regionalization Initiative	414	48.2	2.1	44.2 - 52.3