

# SOUTH CENTRAL KANSAS PROSPERITY PLAN

County Profile – **Sedgwick County**

March 2015





# TABLE OF CONTENTS

Introduction	4
Workforce and Business Development	5
Built Environment/Housing	13
Transportation	22
Water	26
Natural Resources	30
Healthy Community Design	34

# INTRODUCTION

In 2012, the U.S. Department of Housing and Urban Development (HUD) awarded the Regional Economic Area Partnership a grant of \$1.5 million to create the South Central Kansas Prosperity Plan (Prosperity Plan). The South Central Kansas study area consists of Butler, Harvey, Reno, Sedgwick, and Sumner Counties. The region is highly diverse, ranging from Kansas' largest city in Wichita, to numerous small communities such as El Dorado, Hutchinson, Newton, and Wellington. A regional consortium of government and non-profit agencies led the Prosperity Plan. Representatives of each of these organizations served on the Consortium Leadership Team (CLT), providing oversight of the planning process and giving input and direction for the final plan. Directed by the CLT, planners worked with Work Teams to develop the six elements of the plan:

- Work Force and Business Development
- Built Environment/Housing
- Transportation
- Water
- Natural Resources
- Healthy Community Design

The three-year planning effort evolved through a five-step process that began with goal setting and baseline analysis and continued through issue identification, an assessment of growth options, and the development of recommendations.

As part of the Prosperity Plan effort, the planning team collected data from across the five-county region to understand major economic, social, and physical conditions in South Central Kansas.

The purpose of the County Profile is to synthesize available county-level information specific to Sedgwick County. Given the diversity of communities and the breadth and complexity of issues, the report is not an exhaustive summary of all conditions in Sedgwick County. Instead, the data summarized form a snapshot of key issues and trends that could affect quality of life and economic competitiveness in Sedgwick County.

The profile organizes information into sections that correspond with the six main topics of the Prosperity Plan. Where appropriate this document also places county data into a broader context by including statistical comparisons with the other counties in South Central Kansas or the State of Kansas. Stakeholders should use the data in the County Profile to assist in identifying opportunities and challenges within their communities. Since this report also assesses how the region and individual counties are performing in core areas such as the economy, public health, the environment, education, and transportation, stakeholders, jurisdictions, and other agencies should regularly refine and update the data to support the successful implementation of action steps in the years ahead.

# WORKFORCE AND BUSINESS DEVELOPMENT

The Workforce and Business Development section of the Prosperity Plan focuses on economic competitiveness, including the ability of the economy to generate opportunities for all residents and businesses. This section of the profile includes key measures related to the health and composition of the economy in Sedgwick County and its population and the economic well-being of its residents.

Data include:

- County and City Population in Sedgwick County
- Employment Status in Sedgwick County
- Workforce Occupation in Sedgwick County
- Employment by Industry in Sedgwick County
- Income in Sedgwick County
- Percentage of Families and People below the Poverty Level in Sedgwick County
- Largest Employers in Sedgwick County
- Annual Average Unemployment Rate in South Central Kansas
- Median Income in South Central Kansas
- Individual Poverty Rate in South Central Kansas
- Percent of Population with Bachelor's Degree or Higher in South Central Kansas

## SEDGWICK COUNTY DATA

Sedgwick County had more than a half million residents as of 2013. All of the major municipalities in the county experienced a population increase between 2010 and 2013.

### County and City Population, 2013

	2013 Population	Percent change 2010 to 2013
Sedgwick County	505,415	1.4%
City of Bel Aire	6,916	2.2%
City of Derby	23,047	3.7%
City of Haysville	11,004	1.6%
City of Mulvane	6,287	2.3%
City of Park City	7,499	2.8%
City of Valley Center	7,011	2.8%
City of Wichita	386,552	1.1%

Sedgwick County is the most diverse county in the region.

### Race/Ethnicity Reno County, 2012

	Sedgwick
White	78.2%
Black or African-American	8.9%
American Indian	1.1%
Asian	4.0%
Native Hawaiian and Other Pacific Islander	0%
Two or More Races	3.7%
Some Other Race	4.3%

Sedgwick County has more than 260,000 people in its workforce. The county also has the region's highest unemployment rate.

### Employment Status, Sedgwick County

	People	Percent
Population 16 years and over	380,609	
In labor force	260,770	68.5%
Civilian labor force	257,823	67.7%
Employed	235,130	61.8%
Unemployed	22,693	6.0%
Armed Forces	2,947	0.8%
Not in labor force	119,839	31.5%

Source U.S. Census Bureau, 2009-2013 5-Year American Community Survey

Almost 60 percent of the Sedgwick County workforce works in management, business, sales, and office occupations.

### Workforce Occupation, Sedgwick County

	People	Percent
Civilian employed population 16 years and over	235,130	
Management, business, science, and arts occupations	81,141	34.5%
Service occupations	38,677	16.4%
Sales and office occupations	58,536	24.9%
Natural resources, construction, and maintenance occupations	24,350	10.4%
Production, transportation, and material moving occupations	32,426	13.8%

**Source** U.S. Census Bureau, 2009-2013 5-Year American Community Survey

Educational services, health care and social assistance, along with manufacturing are the dominant employment sectors in Sedgwick County. Aerospace and energy companies are the largest individual employers in the county.

### Employment by Industry, Sedgwick County

	People	Percent
Civilian employed population 16 years and over	235,130	
Agriculture, forestry, fishing and hunting, and mining	2,319	1.0%
Construction	14,826	6.3%
Manufacturing	46,988	20.0%
Wholesale trade	5,988	2.5%
Retail trade	25,592	10.9%
Transportation and warehousing, and utilities	10,018	4.3%
Information	4,003	1.7%
Finance and insurance, and real estate and rental and leasing	11,567	4.9%
Professional, scientific, management, administrative and waste management services	19,813	8.4%
Educational services, and health care and social assistance	53,132	22.6%
Arts, entertainment, and recreation, and accommodation and food services	21,033	8.9%
Other services, except public administration	11,255	4.8%
Public administration	8,596	3.7%

**Source** U.S. Census Bureau, 2009-2013 5-Year American Community Survey

### Largest Employers, Sedgwick County

Company	City	Employment
Spirit Aerosystems Inc.	Wichita	12,000
Koch Resources LLC	Wichita	10,000
Wichita Public Schools	Wichita	5,406
Bombardier Aviation Services	Wichita	4,482
Via Christi Hospitals Wichita Inc.	Wichita	4,100

Source ESRI Business Analyst, Dunn & Bradstreet

The median household income in Sedgwick County is almost \$50,000.

### Income, Sedgwick County, 2013

	Households	Percent
Total households	192,651	
Less than \$10,000	13,359	6.9%
\$10,000 to \$14,999	10,152	5.3%
\$15,000 to \$24,999	22,502	11.7%
\$25,000 to \$34,999	21,785	11.3%
\$35,000 to \$49,999	28,783	14.9%
\$50,000 to \$74,999	36,816	19.1%
\$75,000 to \$99,999	24,254	12.6%
\$100,000 to \$149,000	23,120	12.0%
\$150,000 to \$199,999	6,217	3.2%
\$200,000 or more	5,663	2.9%
Median household income (dollars)	49,865	(X)
Mean household income (dollars)	64,938	(X)

Source U.S. Census Bureau, 2009-2013 5-Year American Community Survey

The percent of people living below the poverty line in Sedgwick County is more than 15 percent. The poverty rate is highest for children under the age of 18.

### Percentage of Families and People below the Poverty Level, Sedgwick County

All families	Percent
With related children under 18 years	18.3%
With related children under 5 years only	21.4%
Married couple families	5.3%
With related children under 18 years	9.0%
With related children under 5 years only	8.2%
Families with female householder, no husband present	32.1%
With related children under 18 years	40.7%
With related children under 5 years only	46.6%
<b>All people</b>	<b>15.3%</b>
Under 18 years	22.0%
Related children under 18 years	21.8%
Related children under 5 years	26.2%
Related children 5 to 17 years	20.0%
18 years and over	12.9%
18 to 64 years	13.7%
65 years and over	8.2%
People in families	13.2%
Unrelated individuals 15 years and over	25.0%

Source U.S. Census Bureau, 2009-2013 5-Year American Community Survey

Nearly 30 percent of residents in the county have a bachelor's degree or higher.

### Educational Attainment, Sedgwick County

	People	Percent
Population 25 years and over	317,746	
Less than 9th grade	13,351	4.2%
9th to 12th grade, no diploma	22,785	7.2%
High school graduate (includes equivalency)	85,727	27.0%
Some college, no degree	83,251	26.2%
Associate's degree	21,283	6.7%
Bachelor's degree	62,447	19.7%
Graduate or professional	28,902	9.1%

Source U.S. Census Bureau, 2009-2013 5-Year American Community Survey

Sedgwick County has than 50 higher education and post-secondary training institutions.

### Higher Education and Post-Secondary Training Institutions in Sedgwick County

School Name	School Type	City	County
Physics Department	College, University, or Professional School	Bel Aire	Sedgwick
Aviation Affiliates Inc.	Flight Training	Bel Aire	Sedgwick
Webster University	College, University, or Professional School	McConnell AFB	Sedgwick
FlightSafety Services Corporation	Flight Training	McConnell AFB	Sedgwick
Rodeo Secretary	Business or Secretary School	Park City	Sedgwick
Wright Business School	Business or Secretary School	Wichita	Sedgwick
Baker University in Wichita	College, University, or Professional School	Wichita	Sedgwick
Citizen Police Academy	College, University, or Professional School	Wichita	Sedgwick
Barton School of Business	College, University, or Professional School	Wichita	Sedgwick
Emporia State University	College, University, or Professional School	Wichita	Sedgwick
Friends University	College, University, or Professional School	Wichita	Sedgwick
Heritage University	College, University, or Professional School	Wichita	Sedgwick
University of Kansas School of Medicine	College, University, or Professional School	Wichita	Sedgwick
Midwestern College LLC	College, University, or Professional School	Wichita	Sedgwick
National American University	College, University, or Professional School	Wichita	Sedgwick
Newman University Inc.	College, University, or Professional School	Wichita	Sedgwick
Ottawa University	College, University, or Professional School	Wichita	Sedgwick
Outreach Center	College, University, or Professional School	Wichita	Sedgwick
Professional Development School	College, University, or Professional School	Wichita	Sedgwick
Professional Study Center	College, University, or Professional School	Wichita	Sedgwick
Southwestern College	College, University, or Professional School	Wichita	Sedgwick



School Name	School Type	City	County
Tabor College School Adult & Grad	College, University, or Professional School	Wichita	Sedgwick
Vatterott Educational Centers Inc.	College, University, or Professional School	Wichita	Sedgwick
Wichita State University	College, University, or Professional School	Wichita	Sedgwick
Executrain	Computer Training	Wichita	Sedgwick
Logo Lounge Software Training	Computer Training	Wichita	Sedgwick
New Horizons	Computer Training	Wichita	Sedgwick
Nexlearn LLC	Computer Training	Wichita	Sedgwick
360 Barber College	Cosmetology or Barber School	Wichita	Sedgwick
Black Panther Beauty Salon	Cosmetology or Barber School	Wichita	Sedgwick
Fayetteville Beauty College	Cosmetology or Barber School	Wichita	Sedgwick
Victoria's School of Nail Technology	Cosmetology or Barber School	Wichita	Sedgwick
Xenon International School of Hair Design Inc.	Cosmetology or Barber School	Wichita	Sedgwick
Aviation Training Specialist Inc.	Flight Training	Wichita	Sedgwick
Brelan Corp Flight and Aircraft Instruction	Flight Training	Wichita	Sedgwick
FlightSafety Hawker Beechcraft	Flight Training	Wichita	Sedgwick
FlightSafety International Inc.	Flight Training	Wichita	Sedgwick
Gietzen Aerial Service	Flight Training	Wichita	Sedgwick
Sabris Corporation	Flight Training	Wichita	Sedgwick
Wichita Cessna Learning Center 19	Flight Training	Wichita	Sedgwick

School Name	School Type	City	County
Wichita Learjet Learning Center 06	Flight Training	Wichita	Sedgwick
Wichita Learning Center 18	Flight Training	Wichita	Sedgwick
Butler Community College - Hospitality	Junior College	Wichita	Sedgwick
ITT Technical Institute	Junior College	Wichita	Sedgwick
Southside Educational Center	Junior College	Wichita	Sedgwick
Wichita Area Technical College	Junior College	Wichita	Sedgwick
B-Street Design School	Other Trade or Training School	Wichita	Sedgwick
Electrical Joint Apprenticeship	Other Trade or Training School	Wichita	Sedgwick
Mary Morrow-Hollis	Other Trade or Training School	Wichita	Sedgwick
OtakulT Solutions LLP	Other Trade or Training School	Wichita	Sedgwick
Parklane Real Estate School	Other Trade or Training School	Wichita	Sedgwick
Wichita (Cessna) Maintenance	Other Trade or Training School	Wichita	Sedgwick
Wichita Technical Institute	Other Trade or Training School	Wichita	Sedgwick
King Aviation Certification	Flight Training	Peck	Sumner

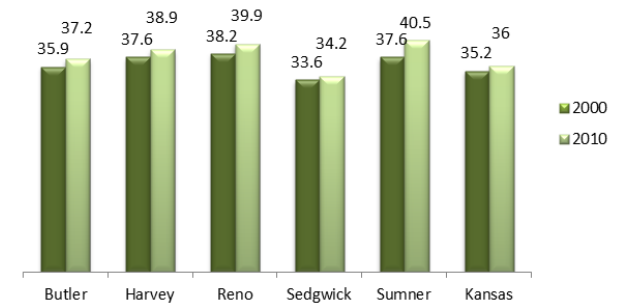
Source ESRI Business Analyst, Dunn & Bradstreet

## SEDGWICK COUNTY AND REGIONAL DATA

The purpose of this section is to highlight Sedgwick County within the broader context of the region and to compare the county's performance on key indicators to the other four counties in South Central Kansas, as well as the State of Kansas. As shown in the data, Sedgwick County's population is younger and has higher levels of educational attainment than the region overall.

Sedgwick County has the region's youngest population.

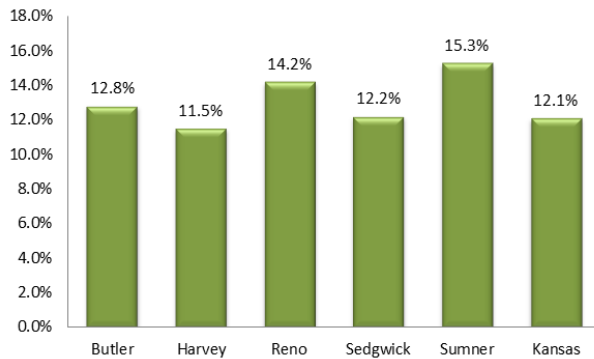
### Median Age by County, 2010



Source U.S. Census 2010 Census Summary File 1

Sedgwick County has one of the region's lowest percentages of residents with disabilities.

### Percentage of Persons with Disability by County, 2012



**Source** U.S. Census Bureau, 2008-2012 American Community Survey

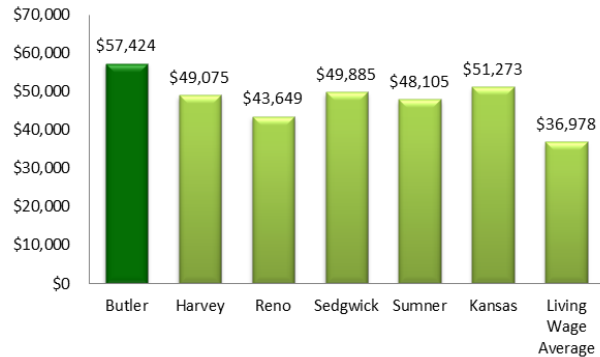
Sedgwick County's unemployment rate is the highest in the region, exceeding the rate for the State of Kansas overall.

### Annual Average Unemployment Rate by County, 2013-2014

County	Rate
Butler County	4.8%
Harvey County	4.2%
Reno County	4.2%
Sedgwick County	5.4%
Sumner County	5.2%
Kansas	4.2%

**Source** Bureau of Labor Statistics, Local Area Unemployment Statistics

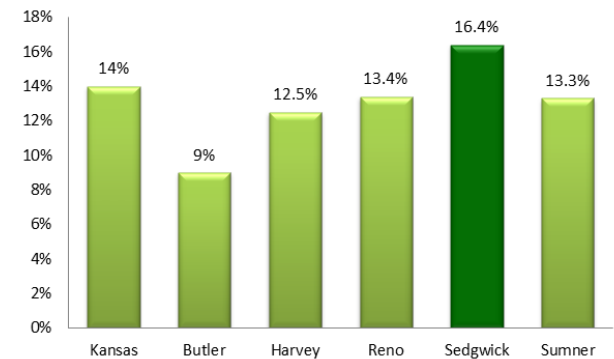
### Median Income in South Central Kansas, 2012



**Source** U.S. Census Bureau, 2008-2012 American Community Survey and Massachusetts Institute of Technology Living Wage Calculator

The average living wage for South Central Kansas is approximately \$17.78 per hour, or \$36,978 per year. The living wage shown is the hourly rate that an individual must earn to support a family, if that individual is the sole provider and is working full-time (2,080 hours per year). The \$17.78 average wage reflects an average of the five counties for a family of four (two adults, two children). Sedgwick County has the second highest median income in the region.

### Individual Poverty Rate in South Central Kansas, 2012



**Source** U.S. Census Bureau Small Area Income and Poverty Estimates, 2012

Sedgwick County's long-term debt per capita is \$323, a moderate level of debt within the region.

### Long-Term Debt per Capita

County	Debt	Population	Debt per capita
Butler County	\$26,579,023	65,827	\$404
Harvey County	\$5,990,387	34,772	\$172
Reno County	\$43,490,252	64,521	\$674
Sedgwick County	\$162,800,000	503,889	\$323
Sumner County	\$1,992,067	23,867	\$83
Region	\$203,286,477	692,876	\$348

**Source** 2013 County Financial Statements and Independent Auditor Reports, ACS 2012 1-year estimates (Butler, Sedgwick County population), ACS 2010-2012 3-year estimates (Harvey, Reno, Sumner Counties)

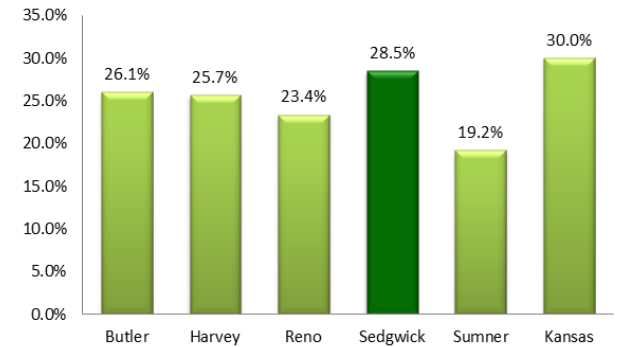
Sedgwick County and the City of Wichita have A ratings, signifying that municipal bonds issued by the county and city are subject to low or very low credit risk.

### Municipal Bond Rating South Central Kansas Major Cities and Counties

City	Credit Rating	County	Credit Rating
Wichita	Aa1	Sedgwick	Aa2
Hutchinson	Aa3	Reno	Aa3
Newton	A1	Harvey	A1
El Dorado	NA	Butler	Aa3
Wellington	NA	Sumner	A1

**Source** Moody's

### Percent of Population with Bachelor's Degree or Higher in South Central Kansas, 2012



**Source** U.S. Census Bureau, 2008-2012 American Community Survey

Sedgwick County has the highest rate of post-secondary educational attainment in the region.

# BUILT ENVIRONMENT/ HOUSING

The built environment is fundamentally about the ways in which communities organize housing, open spaces, commercial and industrial uses, and public infrastructure. This section includes key measures related to Sedgwick County's built environment, particularly the quality, diversity, and affordability of its housing choices. Data also measure the health of the county's communities based on historic and projected population change and the conditions of neighborhoods with socio-economic challenges.

Data include:

- Housing Occupancy in Sedgwick County
- Year Structure Built in Sedgwick County
- Housing Tenure in Sedgwick County
- Housing Value in Sedgwick County
- Monthly Owner Costs as a Percentage of Household Income in Sedgwick County
- Gross Rent as a Percentage of Household Income in Sedgwick County
- Residential Building Permits in Sedgwick County, 2013
- Total Housing Units in South Central Kansas
- Population Projected Growth
- Total Percent Population Change in South Central Kansas
- Estimated Net Migration Rate in South Central Kansas, Ages 20-29
- Racially Concentrated Areas of Poverty
- Total Percent Population Change by County
- Population Projected Growth in South Central Kansas
- Housing Mix in South Central Kansas
- Estimated Net Migration Rate by County, Ages 20-29
- Percentage of Housing Stock in South Central Kansas Built Prior to 1980

## SEDGWICK COUNTY DATA

Sedgwick County has more than 200,000 housing units. Slightly more than nine percent of these units are vacant.

### Housing Occupancy, Sedgwick County

	Units	Percent
Total housing units	212,113	
Occupied housing units	192,651	90.8%
Vacant housing units	19,462	9.2%
Homeowner vacancy rate	2.1	(X)
Rental vacancy rate	7.6	(X)

Source U.S. Census Bureau, 2009-2013 5-Year American Community Survey

Just over 40 percent of housing units in Sedgwick County have been built since 1980.

### Year Structure Built, Sedgwick County

	Units	Percent
Total housing units	212,113	
Built 2010 or later	1,235	0.6%
Built 2000 to 2009	27,472	13.0%
Built 1990 to 1999	28,981	13.7%
Built 1980 to 1989	27,532	13.0%
Built 1970 to 1979	28,596	13.5%
Built 1960 to 1969	17,930	8.5%
Built 1950 to 1959	42,648	20.1%
Built 1940 to 1949	16,727	7.9%
Built 1939 or earlier	20,992	9.9%

Source U.S. Census Bureau, 2009-2013 5-Year American Community Survey

Close to 65 percent of housing units in Sedgwick County are owner occupied.

### Housing Tenure, Sedgwick County

	Units	Percent
Occupied housing units	192,651	
Owner-occupied	125,055	64.9%
Renter-occupied	67,596	35.1%

Source U.S. Census Bureau, 2009-2013 5-Year American Community Survey

More than half of owner-occupied units in Sedgwick County have a value between \$50,000 and \$150,000. The median housing value is \$124,000.

### Housing Value, Sedgwick County

	Units	Percent
Owner-occupied units	125,055	
Less than \$50,000	11,891	9.5%
\$50,000 to \$99,999	35,138	28.1%
\$100,000 to \$149,999	32,896	26.3%
\$150,000 to \$199,999	20,419	16.3%
\$200,000 to \$299,999	15,052	12.0%
\$300,000 to \$499,999	7,408	5.9%
\$500,000 to \$999,999	1,831	1.5%
\$1,000,000 or more	420	0.3%
Median (dollars)	124,000	(X)

Source U.S. Census Bureau, 2009-2013 5-Year American Community Survey

According to the Department of Housing and Urban Development, households that spend more than 30 percent of their yearly income on housing face affordability challenges. Based on this definition, almost 25 percent of mortgage holders and close to half of renters living in Sedgwick County experience housing affordability challenges.

### Monthly Owner Costs as a Percentage of Household Income, Sedgwick County

	Units	Percent
Housing units with a mortgage	84,639	
Less than 20.0 percent	39,485	46.7%
20.0 to 24.9 percent	14,007	16.5%
25.0 to 29.9 percent	10,480	12.4%
30.0 to 34.9 percent	6,447	7.6%
35.0 percent or more	14,220	16.8%

Source U.S. Census Bureau, 2009-2013 5-Year American Community Survey

### Gross Rent as a Percentage of Household Income, Sedgwick County

	Units	Percent
Occupied units paying rent	63,227	
Less than 15.0 percent	8,975	14.2%
15.0 to 19.9 percent	8,536	13.5%
20.0 to 24.9 percent	9,028	14.3%
25.0 to 29.9 percent	6,839	10.8%
30.0 to 34.9 percent	5,740	9.1%
35.0 percent or more	24,109	38.1%

Source U.S. Census Bureau, 2009-2013 5-Year American Community Survey

In 2013, Sedgwick County issued 1,276 residential building permits, one-quarter of which were for multi-family development.

### Residential Building Permits, Sedgwick County, 2013

	Buildings	Units
Single Family	947	947
Two Family	73	146
Three and Four Family	4	15
Five or More Family	7	168
Total	1,031	1,276

Source U.S. Census Bureau

### Racially Concentrated Area of Poverty

According to HUD, a Racially Concentrated Area of Poverty (RCAP) is an area in which the racial composition is more than 50 percent non-white and more than 40 percent of families live below the poverty line. Five U.S. census tracts in the City of Wichita qualify as RCAPs. In total, 12,776 residents live in the five RCAP census tracts, equaling 3.4 percent of the City of Wichita's population. The RCAP table summarizes selected housing, economic, and educational indicators for each census tract. All areas perform considerably below the Kansas state benchmarks for the selected indicators, highlighting significant challenges in housing affordability, neighborhood vacancy, poverty, and educational attainment.

### Racially Concentrated Area of Poverty, Sedgwick County, Selected Characteristics

State/ Census Tract	Foreclosure Rate	Vacancy Rate	Renters Spending 30% + of Household Income on Rent	Median Household Income	People Living Below Poverty	People 25+ with a High School Degrees or Higher
State Benchmark	3.5%	2%	45%	\$51,273	13.2%	89.7%
20173000100	6.8%	0%	63.3%	\$29,618	20.9%	45.2%
20173000800	9.0%	18.7%	66.8%	\$16,223	53%	79%
20173000900	6.5%	0%	80.3%	\$19,375	43.1%	85.3%
20173001800	8.8%	7%	61.7%	\$19,573	41%	66.1%
20173003700	6.9%	3.3%	46.7%	\$28,224	33%	69.8%

Source Kansas Health Matters

Comprehensive Housing Affordability Strategy data from the Department of Housing of Urban Development indicate the percentage of residents reporting a housing problem, such as a lack of plumbing, overcrowding, or cost burdens. Just over 20 percent of homeowners in Sedgwick County reported a housing problem with the most common being a lack of affordability. Housing problems, particularly affordability were more prevalent among renters.

### Housing Problems by Type for Owner Households, 2006-2010

	Lacking complete plumbing or kitchen facilities	> 1.5 persons per room	> 1 but < or = to 1.5 persons per room	Cost burden > 50% of AMI	Cost burden > 30% < or = 50% of AMI	Housing cost burden not computed	None of the 3 housing problems
Sedgwick	0.5%	0.2%	1.4%	6.5%	12.1%	0.4%	78.9%

Source Comprehensive Housing Affordability Strategy (CHAS) 2006 - 2010

Note AMI = Area Median Income

### Housing Problems by Type for Renter Households, 2006-2010

	Lacking complete plumbing or kitchen facilities	> 1.5 persons per room	> 1 but < or = to 1.5 persons per room	Cost burden > 50% of AMI	Cost burden > 30% < or = 50% of AMI	Housing cost burden not computed	None of the 3 housing problems
Sedgwick	1.5%	1.1%	2.5%	20.5%	20.8%	1.3%	52.3%

Source Comprehensive Housing Affordability Strategy (CHAS) 2006 - 2010

Note AMI = Area Median Income

The Department of Housing and Urban Development received 235 complaints of housing discrimination in Sedgwick County between 2000 and 2014. Six cases remain open.

### Fair Housing Cases in Sedgwick County, 2000-2014

Number of Cases by Type							Status of Cases			
Race	Color	National Origin	Sex	Disability	Family Status	Retaliation	Closure	Settled	No Cause	Open
91	1	9	13	88	20	13	38	85	73	6

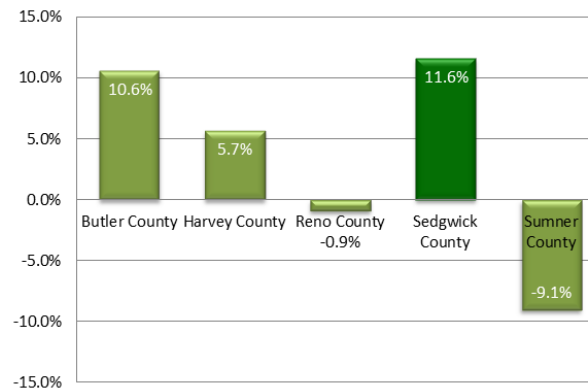


## SEDGWICK COUNTY AND REGIONAL DATA

The purpose of this section is to highlight Sedgwick County within the broader context of the region and to compare the county's performance on key indicators to the other four counties in South Central Kansas, as well as the State of Kansas. As shown in the data, Sedgwick County experienced strong population growth over the previous decade and projections indicate that this increase could continue.

Sedgwick County saw the region's strongest population growth between 2000 and 2013 and projections indicate that this increase could continue.

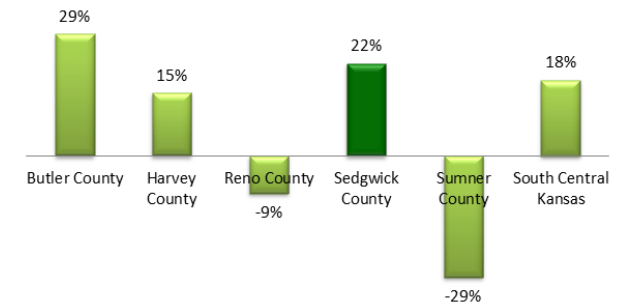
**Total Percent Population Change by County, 2000 to 2013**



Source U.S. Census American FactFinder

Sedgwick County experienced the highest rate of population growth in the region since 2000.

**Population Projected Growth in South Central Kansas, 2010 to 2040**



Source Wichita State University, Center for Economic Development and Business Research

### Regional Population Projections

County	2010	2015	2020	2025	2030	2035	2040	% Growth
Butler	65,463	68,431	71,934	75,442	79,020	82,130	84,406	29%
Harvey	34,218	35,314	36,319	37,194	38,092	38,883	39,409	15%
Reno	63,799	53,523	63,010	62,067	61,034	59,775	58,057	-9%
<b>Sedgwick</b>	<b>495,632</b>	<b>519,652</b>	<b>543,794</b>	<b>562,115</b>	<b>579,025</b>	<b>593,910</b>	<b>606,752</b>	<b>22%</b>
Sumner	23,878	22,907	21,788	20,605	19,485	18,295	16,997	-29%
Total	682,990	709,826	736,843	757,423	776,657	792,993	805,622	18%

Source Wichita State University, Center for Economic Development and Business Research

### Estimated Net Migration Rate by County, 2000-2010

	Age 20-24	Age 25-29
Butler County	-23%	-24%
Harvey County	-19%	-19%
Reno County	-12%	-15%
<b>Sedgwick County</b>	<b>2%</b>	<b>18%</b>
Sumner County	-47%	-38%

Source University of Wisconsin-Madison Center for Demography and Ecology

A positive net migration rate means that more young people between the ages of 20 and 29 entered the county than left it between 2000 and 2010. Sedgwick County was the only county in the region to gain younger residents.

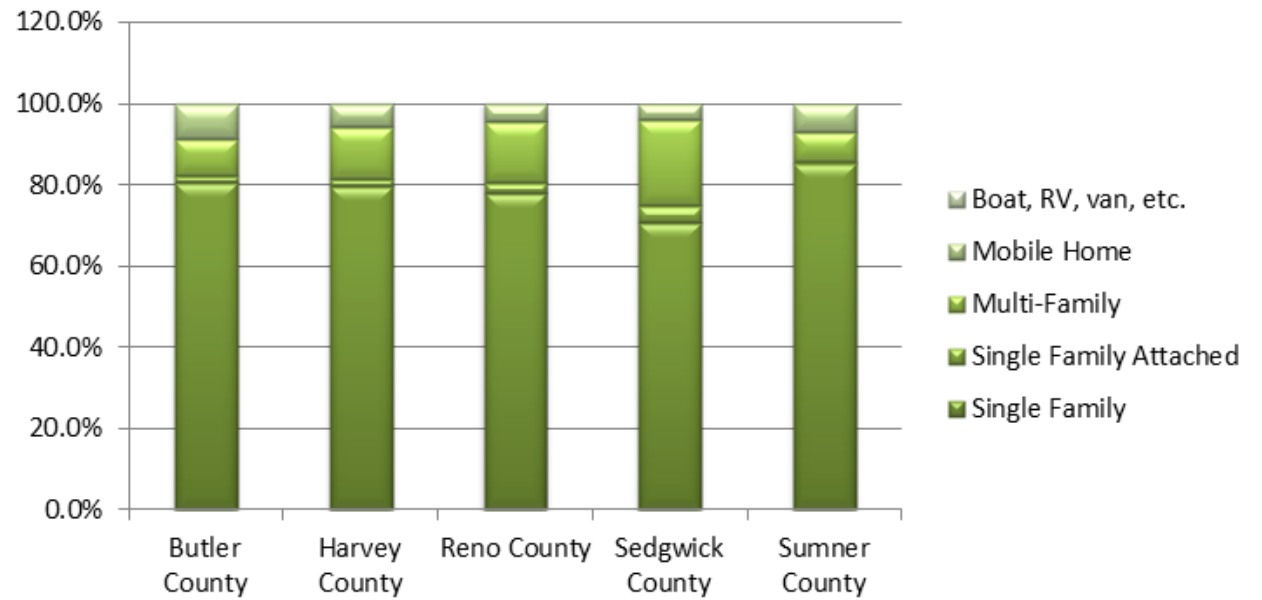
Sedgwick County has the region's largest inventory of housing.

**Total Housing Units, 2012**

County	Number of Housing Units
Butler	26,060
Harvey	14,517
Reno	28,281
Sedgwick	211,361
Sumner	10,865
Total	291,084

Source University of Wisconsin-Madison Center for Demography and Ecology

**Housing Mix in South Central Kansas, 2012**

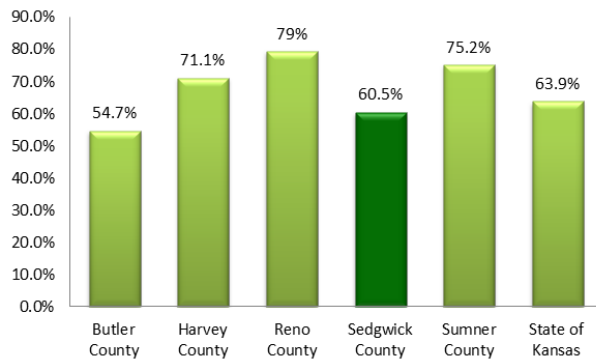


Source U.S. Census Bureau, 2008-2012 American Community Survey

Sedgwick County has the most diverse housing stock in South Central Kansas.

Sedgwick County has among the region's newest housing stock.

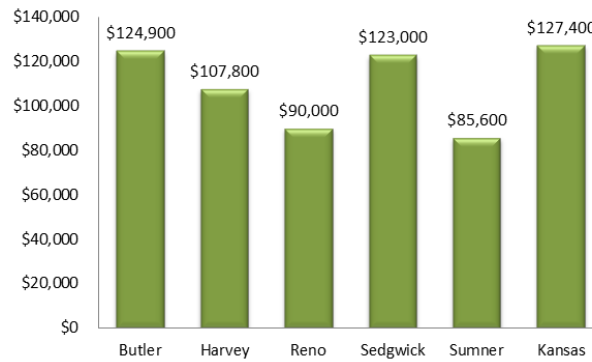
**Percentage of Housing Stock in South Central Kansas Built Prior to 1980**



Source U.S. Census Bureau, 2008-2012 American Community Survey

Sedgwick County has one of the highest median housing values in the region but remains below the state median.

**Median Home Value by County, 2012**



Source U.S. Census Bureau, 2008-2012 American Community Survey

Close to four percent of mortgage loans in Sedgwick County were high cost.

**2010 High Cost Loans**

	High Cost Loans	High Cost Loan Rates
Butler	93	5.8%
Harvey	37	4.1%
Reno	44	3.5%
Sedgwick	429	3.9%
Sumner	35	8.2%

Source 2010 Home Mortgage Disclosure Act (HMDA) data

The rate of foreclosure was moderately high in 2008 and exceeded the state rate.

**2008 Total Foreclosures and Average Foreclosure Rate (Average by Census Tract)**

	Foreclosures	Foreclosure Rate
Butler	446	3.6%
Harvey	176	2.8%
Reno	438	5.1%
Sedgwick	3,768	4.7%
Sumner	214	5.4%
Kansas	19,669	3.5%

Source 2008 Home Mortgage Disclosure Act (HMDA) data

Sedgwick County had a moderately high rate of home purchase loan denials relative to the region in 2010.

**Denial Rate of Conventional Home Purchase Loans by Race & County, 2010**

	Total Denial Rate	White	Black	Asian	Hispanic	Mixed Rate
Butler	20.6%	20.0%	-	40.0%	20.0%	12.5%
Harvey	14.4%	14.3%	-	50.0%	23.1%	0.0%
Reno	16.3%	12.8%	75.0%	28.6%	28.6%	41.7%
Sedgwick	16.4%	14.4%	37.3%	19.5%	40.7%	20.5%
Sumner	23.3%	25.6%	-	0.0%	0.0%	0.0%

Source 2010 Home Mortgage Disclosure Act (HMDA) data

Note - = no applicants

# TRANSPORTATION

Transportation is such a critical part of our communities because it organizes social and economic activity and shapes the pattern and character of resulting development. Transportation options also strongly influence quality of life and opportunity for residents and contribute to the overall economic competitiveness and resilience of the region. This section highlights mobility options for Sedgwick County residents, including transit choices, commuting patterns, and housing/transportation affordability.

Data include:

- Transit Options
- Commuting to Work
- Commute Patterns by County
- Vehicles Available
- Housing-Transportation Affordability Index

## SEDGWICK COUNTY DATA

### Transit Options

Wichita Transit, a department of the City of Wichita, provides public transportation services through a fixed 17-route hub and spoke system of 50 buses, 25 wheelchair lift vans, and four rubber tired trolleys. The Q-Line is a trolley service connecting restaurants, hotels, and entertainment venues in downtown Wichita. Sedgwick County also has 16 demand-response transit providers offering services to residents.

### Demand-Response Transit Providers in Sedgwick County

Provider	Service Area	System Type	Total Vehicles	Service Type
American Red Cross Midway Kansas Chapter	Sedgwick County	Elderly	5	Demand Response
Buhler Sunshine Home, Inc.	Reno, Harvey, McPherson and Sedgwick Counties	Primarily serving Buhler Sunshine Home elderly clients; also open to the general public on a limited basis	3	Demand Response
Butler County Department on Aging	Butler County and Wichita in Sedgwick County	Variable route transportation is provided in Augusta and El Dorado. Demand response transportation is available in Andover. Medical trips to Wichita occur two days a week from anywhere in Butler County.	6	Demand Response, Deviated Route
Catholic Charities Adult Day Services	Sedgwick County	Elderly and persons with physical, mental and developmental disabilities to and from the center and community outings	8	Deviated Route
Catholic Charities Inc.	City of Wichita	Elderly and persons with physical, mental and developmental disabilities	6	Deviated Fixed Route
Cerebral Palsy Research Foundation of Kansas, Inc.	City of Wichita	Demand response service with reoccurring work and school rides	2	Demand Response
ENVISION	City of Wichita	Individuals with disabilities	3	Fixed Route
Futures Unlimited, Inc.	Sumner, Cowley and Sedgwick County	Transport for medical, leisure, or business needs locally and out of county	4	Demand Response
Kansas Elks Training Center for the Handicapped, I	Sedgwick County	Individuals with disabilities	21	Demand Response

Provider	Service Area	System Type	Total Vehicles	Service Type
Leisure Time Center	South-central Kansas: Wichita, Hutchinson, and other cities	Elderly and individuals with disabilities	2	Demand Response
Mennonite Bethesda Society	Harvey County and Sedgwick County	Medical and social transportation to residents in continuing care retirement community	1	Demand Response
Rainbows United, Inc.	Sedgwick County	Transportation for young children with disabilities and foster parents to center-based services	9	Deviated Fix Route
Sedgwick County Department on Aging	Sedgwick County, including Andale, Bentley, Cheney, Clearwater, Colwich, Garden Plain, Godard, Mt. Hope, Peck, Schulte, and Viola	General public	2	Demand Response
Starkey, Inc.	Sedgwick County	Individuals with disabilities	20	Demand Response
The ARC of Sedgwick County	Sedgwick County	Transportation for persons with developmental disabilities enrolled in the ARC program	1	Demand Response
Training and Evaluation Center of Hutchinson	Hutchinson, Reno, McPherson, Harvey, and Sedgwick Counties	Transportation for individuals to work/day programs and other activities	7	Demand Response
Wichita Transit	City of Wichita in Sedgwick County	General public	77	Fixed bus routes

Sedgwick County workers travel an average of 18 minutes to work and the single-occupancy vehicle is by far the most common choice for commutes. The county has the largest share of workers who commute by transit.

### Commuting to Work, Sedgwick County

	Workers	Percent
Workers 16 years and over	233,485	
Car, truck, or van — drove alone	199,862	85.6%
Car, truck, or van — carpooled	19,760	8.5%
Public transportation (excluding taxicabs)	1,218	0.5%
Walked	2,750	1.2%
Other means	2,697	1.2%
Worked at home	7,198	3.1%
Mean travel time to work (minutes)	18.2	(X)

Source U.S. Census Bureau, 2009-2013 5-Year American Community Survey

Six percent of households in Sedgwick County lack access to a vehicle.

### Vehicles Available, Sedgwick County

	People	Percent
Occupied housing units	192,651	
No vehicles available	11,587	6.0%
1 vehicle available	63,622	33.0%
2 vehicles available	76,035	39.5%
3 or more vehicles available	41,407	21.5%

Source U.S. Census Bureau, 2009-2013 5-Year American Community Survey

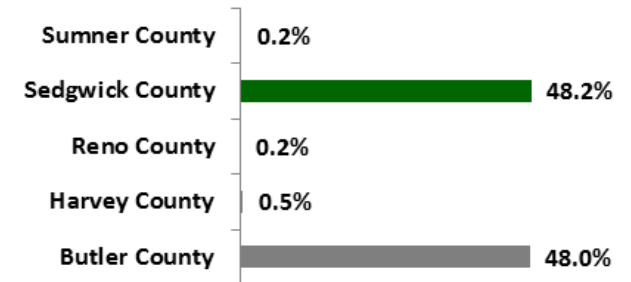
### SEDGWICK COUNTY AND REGIONAL DATA

The purpose of this section is to highlight Sedgwick County within the broader context of the region and to compare the county's performance on key indicators to the other four counties in South Central Kansas, as well as the State of Kansas. As shown in the data, Sedgwick County workers commute primarily within the county.

### Commute Patterns by County in South Central Kansas

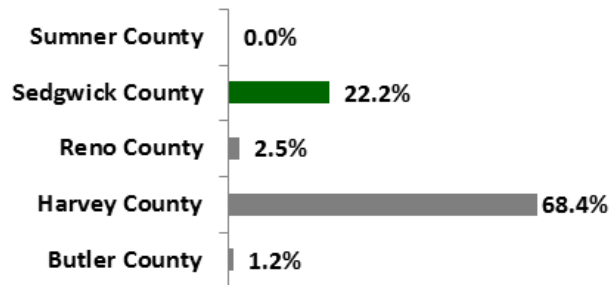
The vast majority of Sedgwick County workers commute within the county. A significant percentage of residents from other parts of the region also travel into Sedgwick County for their jobs.

### Butler County

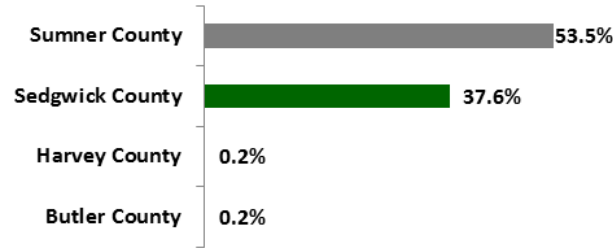




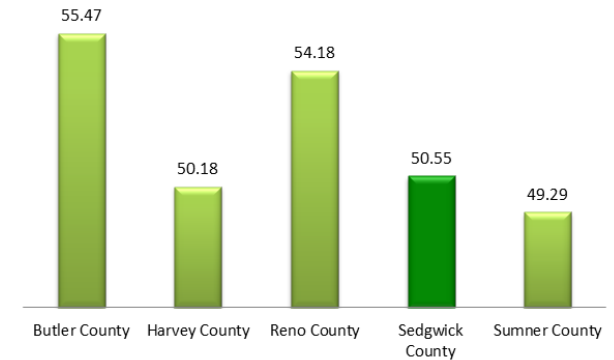
### Harvey County



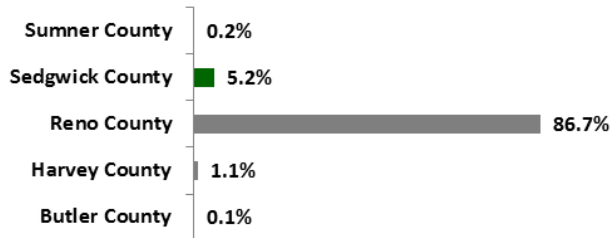
### Sumner County



### Housing + Transportation Costs as Percent of Income in South Central Kansas



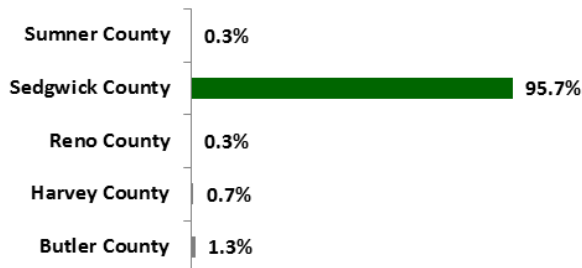
### Reno County



### Transportation Affordability

Transportation is a major component of a household's yearly budget and it affects access to educational and employment opportunities. Long daily commutes from the outer counties to centrally located employment centers and limited public transportation result in higher transportation costs in South Central Kansas. Transportation costs, combined with housing costs, are a burden on a majority of households throughout the region. The Housing-Transportation Affordability Index (H+T) is a measure of transportation and housing affordability and takes into account both the cost of housing, as well as the cost of transportation resulting from the location of the home. According to the Center for Neighborhood Technology, households that allocate more than 45 percent of their annual income to housing and transportation experience affordability challenges. In Sedgwick County, the median household spends half of its yearly budget on housing and transportation costs.

### Sedgwick County



# WATER

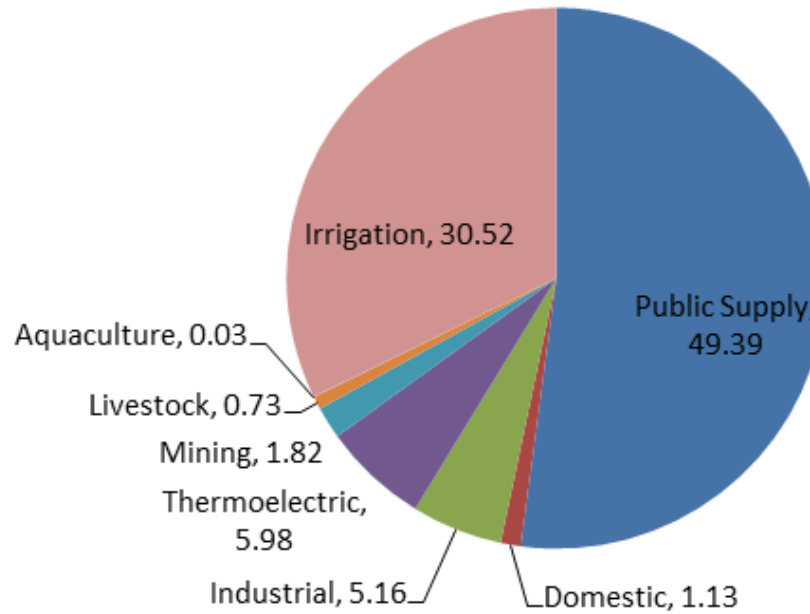
The Water section of the Prosperity Plan focuses on creating an adequate, affordable, efficient, and resilient water supply that meets the needs of all users. The plan also seeks to balance the supply of water with broader efforts to manage finite resources through conservation and education. This profile includes data on water supply and affordability:

- Water Use by Type
- Regional Water Use by Type
- Large Public Water Providers for River Basins in South Central Kansas

## SEDGWICK COUNTY DATA

The majority of water use in Sedgwick County is for public (household and business) purposes followed by irrigation.

**Water Use by Type, Sedgwick County, (Million Gallons per Day)**



Source U.S. Geological Survey

**Public Supply** – water withdrawn by public governments and agencies, such as a county water department, and by private companies that is then delivered to users.

**Domestic** – water used for household purposes, such as drinking, food preparation, bathing, washing clothes, dishes, and dogs, flushing toilets, and watering lawns and gardens. About 85% of domestic water is delivered to homes by a public-supply facility, such as a county water department. About 15% of the Nation’s population supply their own water, mainly from wells. Domestic in the graph refers to the later source. Basically water used by households but not delivered through a centralized public system.

**Industrial** – water used for industrial purposes in such industries as steel, chemical, paper, and petroleum refining.

**Thermoelectric** – water used in the process of the generation of thermoelectric power. Power plants that burn coal and oil are examples of thermoelectric-power facilities.

**Mining** – water use during quarrying rocks and extracting minerals from the land.

**Livestock** – water used for livestock watering, feed lots, dairy operations, fish farming, and other on-farm needs.

**Aquaculture** – farming of plants and animals that live in water, such as fish, shellfish, and algae.

**Irrigation** – the controlled application of water for agricultural purposes through manmade systems to supply water requirements not satisfied by rainfall.

Major water providers in Sedgwick County include the City of Wichita along with Sedgwick Rural Water Districts 1, 2, 3, and 4.

#### Large Public Water Providers for River Basins in South Central Kansas

Public Water Provider	Basin	Reservoir	Other Sources	Other Purchases
Wichita	Lower Ark	Cheney Reservoir	Equus Beds Groundwater Aquifer, 89 Wells, Valley Center	Bel Aire, Bentley, Benton, Butler RWD 8, Derby, Kechi, Park City, Rose Hill, Sedgwick RWD 1 & 3, Valley Center

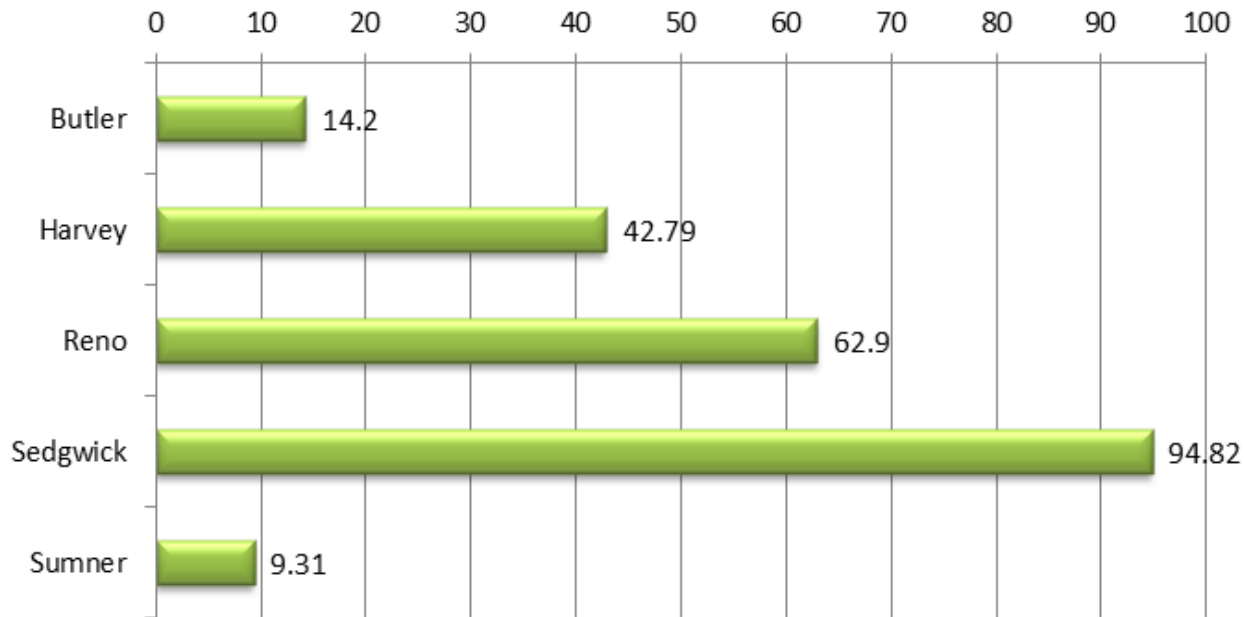
Source KWP Vol 3 Reservoir Restoration

## SEDGWICK COUNTY AND REGIONAL DATA

The purpose of this section is to highlight Sedgwick County within the broader context of the region and to compare the county's performance on key indicators to the other four counties in South Central Kansas, as well as the State of Kansas.

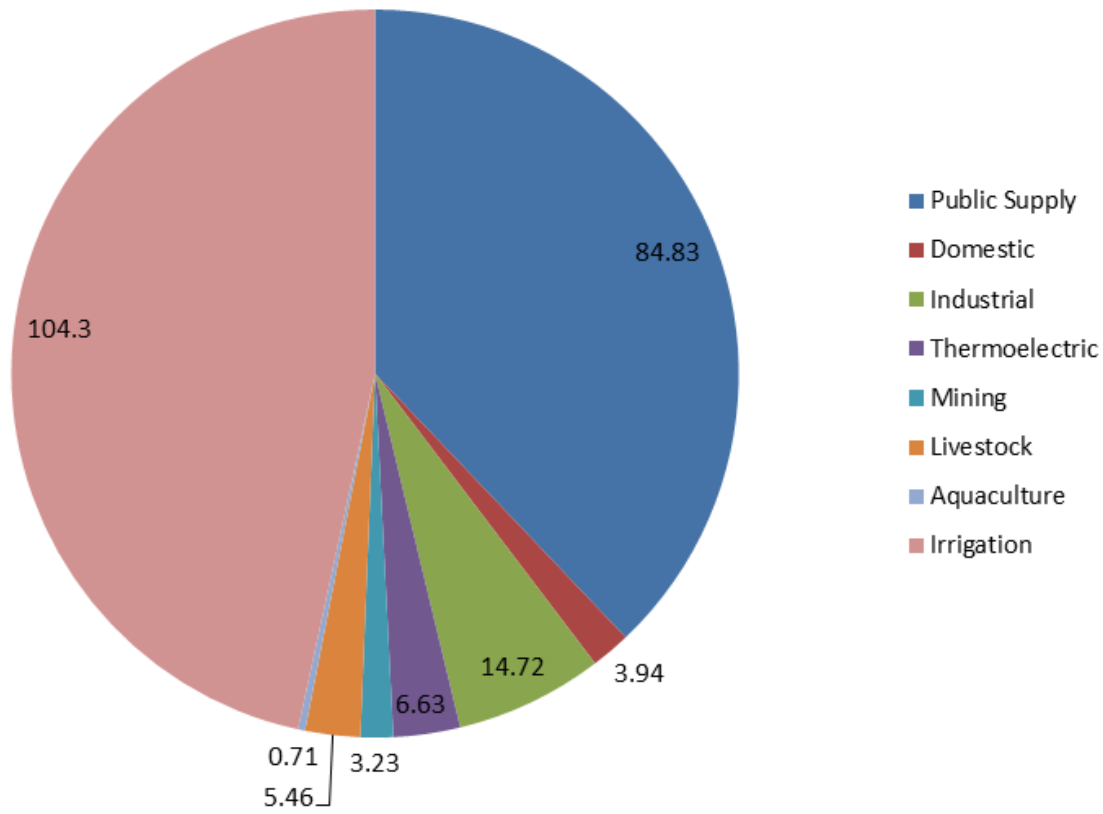
Sedgwick County uses the highest amount of water in the region.

### Water Use by Type, South Central Kansas, (Million Gallons per Day)



Source U.S. Geological Survey

Water Use by Type, South Central Kansas, (Million Gallons per Day)



Source U.S. Geological Survey

# NATURAL RESOURCES

The Natural Resources section of the Prosperity Plan focuses on the quality and ongoing health of the natural environment, including land, water, wildlife habitat, and air. Natural resources are essential to regional prosperity because clean water, air, and green space meet the needs of industry and agriculture and support well-being and quality of life for residents. This section focuses on air and water quality, as well as threatened and endangered species and species in need of conservation.

Data include:

- Air Quality Index Data
- Threatened & Endangered Species and Species in Need of Conservation
- Watershed Restoration and Protection Strategy Initiatives
- Water Quality Impairment
- Water Quality Policies

## SEDGWICK COUNTY DATA

According to the Kansas Department of Wildlife, Parks and Tourism, Sedgwick County has ten threatened and endangered species and 18 species in need of conservation.

### Threatened & Endangered Species and Species in Need of Conservation, Sedgwick County

Threatened and Endangered (T&E) Species	Species in Need of Conservation
Eastern Spotted Skunk	River Shiner
Arkansas Darter	Western Hognose Snake
Arkansas River Speckled Chub	Whip-poor-will
Silver Chub	Yellow-throated Warbler
Plains Minnow	Alligator Snapping Turtle
Arkansas River Shiner	Black Tern
Eskimo Curlew	Short-eared Owl
Piping Plover	Chihuahuan Raven
Snowy Plover	Ferruginous Hawk
Least Tern	Golden Eagle
	Southern Flying Squirrel
	Eastern Hognose Snake
	Black Rail
	Bobolink
	Cerulean Warbler
	Henslow's Sparrow
	Long-billed Curlew
	Mountain Plover

Source Kansas Department of Wildlife, Parks and Tourism

Sedgwick County had a total of 62 days during which some pollutants may pose a moderate health concern for a small number of people

### Air Quality Index Data, 2013

County	AQI Days <sup>1</sup>	Good <sup>2</sup>	Mod <sup>3</sup>	AQI Med <sup>4</sup>	# Days NO <sub>2</sub> <sup>5</sup>	# Days O <sub>3</sub> <sup>6</sup>	# Days PM <sub>2.5</sub> <sup>7</sup>	# Days PM <sub>10</sub> <sup>8</sup>
Sedgwick	275	213	62	41	12	202	47	14
Sumner	273	231	42	39	-	39	34	-

Source EPA AirData

- Notes**
- 1 = Number of days in the year having an Air Quality Index value. This is the number of days on which measurements from any monitoring site in the county were reported to the AQS database.
  - 2 = Number of days in the year having an AQI value 0 through 50. Air quality is considered satisfactory, and air pollution poses little or no risk.
  - 3 = Number of days in the year having an AQI value 51 through 100. Air quality is acceptable; however, for some pollutants there may be a moderate health concern for a very small number of people. For example, people who are unusually sensitive to ozone may experience respiratory symptoms.
  - 4 = Half of daily AQI values during the year were less than or equal to the median value, and half equaled or exceeded it.
  - 5 = Number of days Nitrogen Dioxide was the main pollutant.
  - 6 = Number of days Ozone was the main pollutant.
  - 7 = Particulate Matter smaller than 2.5 micrometers
  - 8 = Particulate Matter smaller than 10 micrometers

The county and its municipalities generally have regulatory policies in place to protect surface and groundwater sources.

### Local Water Quality Policies

Jurisdiction	Zoning Ordinance	Building Code	Floodplain Ordinance	Subdivision Ordinance	Storm Water Ordinance	Drainage Ordinance	Site Plan Review Requirements	Landscape Ordinance	Wetlands/ Riparian Areas Conservation Plan
Sedgwick County	X	X	X	X	X	X	X	X	
City of Bel Aire	X	X	X	X	X	X	X	X	X
City of Bentley	X	X	X	X	X				
City of Cheney	X	X	X	X	X	X	X	X	
City of Clearwater	X	X	X	X			X		
City of Colwich	X	X	X	X	X		X		
City of Derby	X	X	X	X	X	X	X	X	
City of Goddard	X	X	X	X	X		X		
City of Haysville	X	X	X	X	X	X	X	X	
City of Kechi	X	X	X	X	X	X	X		
City of Maize	X	X	X	X	X	X	X		
City of Mount Hope	X	X	X	X			X		X
City of Mulvane	X	X	X	X	X	X	X	X	
City of Park City	X	X	X	X	X	X	X	X	
City of Sedgwick	X	X	X	X	X		X	X	
City of Valley Center	X	X	X	X	X	X	X	X	
City of Wichita	X	X	X	X	X	X	X	X	

### Watershed Restoration and Protection Strategy

The State of Kansas WRAPS, or Watershed Restoration and Protection Strategy program creates a collaborative framework to engage citizens and stakeholders in watershed planning. Planning under WRAPS can address issues, such as water quality, public water supply protection, flooding, and wetland and riparian habitat protection or restoration. The following WRAPS are active for watersheds in Sedgwick County and create the foundation for ongoing water quality planning practices:

- Cheney Lake
- Little Arkansas River
- Lower Arkansas River (aka RiverCity)
- Wichita Clean Streams (Lower Arkansas River watershed within the city limits)

Each WRAP plan identifies its own set of best management practices (BMPs) for cropland, stream bank and livestock activities. The BMPs include stream bank stabilization, stream buffers, vegetative filter strips, reduced tillage or no-till farming, the relocation of livestock feeding stations, rotational grazing, and the use of alternative herbicides.



## SEDGWICK COUNTY AND REGIONAL DATA

The purpose of this section is to highlight Sedgwick County within the broader context of the region and to compare the county's performance on key indicators to the other four counties in South Central Kansas, as well as the State of Kansas. As shown in the data, water bodies in Sedgwick County have water quality issues related to excessive nutrient/organic loading, bacteria, siltation, and atrazine.

### Lower Arkansas River Basin TMDLs

Waterbody	Impairments
Cow Creek Watershed	BAC, DO
Little Arkansas River Watershed	BAC, NUTR, SILT, ATZ
Turkey Creek Watershed	DO
Arkansas River below Wichita	BAC
Cowskin Creek Watershed	BAC, BIO
Upper Medicine Lodge River Watershed	BAC
Bluff Creek Watershed	BAC, DO
Quivira Big Salt Marsh Watershed	EUTRO
Quivira Little Salt Marsh Watershed	EUTRO
Cheyenne Bottoms Watershed	EUTRO
Newton City Park Lake Watershed	EUTRO
Cheney Lake Watershed	EUTRO, SILT
Pratt County Lake Watershed	EUTRO
Lake Afton Watershed	EUTRO
Sand Creek Watershed	NITRATE
Lake Anthony	EUTRO, SILT

- DO** Low dissolved oxygen in upper 3 meters of water column over deepest location in waterbody
- EUTRO** Eutrophication, biological community impacts and excessive nutrient/organic loading
- NUTR** Nitrogen and Phosphorous
- BAC** Bacteria
- BIO** Biology impairment caused by excessive sediment, nutrients or organic matter
- ATZ** Atrazine concentrations exceed 3 ppb on annual average and in numerous periodic samples
- NITRATE** Nitrate concentrations exceed 10 ppb in surface water

\* courtesy of the Kansas Nonpoint Source Management Plan

### Walnut River Basin TMDLs

Waterbody	Impairments
Whitewater River	FCB
Upper Walnut River	FCB
Rock Creek	E. Coli
Little Walnut River	E. Coli
El Dorado Lake	Eutro
El Corado Lake	Silt
Winfield City Lake	Eutro

- FCB** Fecal Coliform Bacteria
- EUTRO** Eutrophication, biological community impacts and excessive nutrient/organic loading
- SILT** Observed siltation and/or chronic turbidity that impacts development of trophic state
- E.Coli** Indicator organism with FCB

\* courtesy of the Kansas Nonpoint Source Management Plan

# HEALTHY COMMUNITY DESIGN

The Prosperity Plan focuses on creating environments that promote the well-being and health of all residents throughout the region. The healthy community model serves as an overarching framework to integrate strategies across all plan elements in support of improved social, economic, educational, and physical opportunities. This section includes data that describe the overall health of residents in Sedgwick County and assesses the ability of the built environment to support healthy lifestyle choices.

Data include:

- Selected Measures of Well-Being, Sedgwick County
- Selected Measures of the Built Environment, Sedgwick County
- Overall Health Outcome Ranking by County
- Selected Health Outcomes and Risk Factors by County
- Percentage of Residents with Limited Access to Healthy Foods in South Central Kansas
- Percent of Residents Experiencing Food Insecurity in South Central Kansas

## SEDGWICK COUNTY DATA

Sedgwick County residents experienced health risks at somewhat higher rates than the state overall and nation, particularly for rates of smoking and obesity.

### Selected Health Outcomes Sedgwick County, 2014

	Sedgwick	Kansas	National Benchmark
Poor or fair health <sup>1</sup>	13%	13%	10%
Poor physical health days <sup>2</sup>	3.2	3.0	2.6
Poor mental health days <sup>3</sup>	3.2	2.9	2.3
Low birthweight <sup>4</sup>	8.0%	7.2%	6.0%
Adult smoking <sup>5</sup>	20%	18%	13%
Adult obesity <sup>6</sup>	30%	30%	25%
Physical Inactivity <sup>7</sup>	23%	24%	21%
Teen birth rate <sup>8</sup>	55	41	21
Uninsured <sup>9</sup>	17%	16%	11%
Primary care physicians <sup>10</sup>	1,267:1	1,411:1	1,067:1
Limited access to healthy foods <sup>11</sup>	9%	8%	1%
Fast food restaurants <sup>12</sup>	54%	48%	27%

Source County Health Rankings & Roadmaps

Note 1 = Percent of adults reporting fair or poor health (age-adjusted)

2 = Average number of physically unhealthy days reported in past 30 days (age-adjusted)

3 = Average number of mentally unhealthy days reported in past 30 days (age-adjusted)

4 = Percent of live births with low birthweight (< 2500 grams)

5 = Percent of adults that report smoking  $\geq$  100 cigarettes and currently smoking

6 = Percent of adults that report a Body Mass Index  $\geq$  30

7 = Percent of adults aged 20 and over reporting no leisure time physical activity

8 = Teen birth rate per 1,000 female population, ages 15-19

9 = Percent of population under age 65 without health insurance

10 = Ratio of population to primary care physicians

11 = Percent of population who are low-income and do not live close to a grocery store

12 = Percent of all restaurants that are fast-food establishments

## SEDGWICK COUNTY AND REGIONAL DATA

The purpose of this section is to highlight Sedgwick County within the broader context of the region and to compare the county's performance on key indicators to the other four counties in South Central Kansas, as well as the State of Kansas. As shown in the data below, Sedgwick County falls low in the statewide ranking of counties on various health measures.

### Overall Health Outcome Ranking by County, 2014

Butler	Harvey	Reno	Sedgwick	Sumner
42/102	25/102	54/102	<b>69/102</b>	71/102

Source County Health Rankings and Roadmaps

The County Health Rankings & Roadmaps program is a partnership between the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute. The rankings examine various measures that affect health, such as high school graduation rates, unemployment, limited access to healthy foods, air and water quality, income, and rates of smoking, obesity, and teen births. The overall health outcomes reflect rates of premature death prior to the age of 75; the percent of adults reporting fair or poor health; the average number of physically unhealthy days reported in past 30 days; the average number of mentally unhealthy days reported in past 30 days; and the percent of live births with low birth weight. The five counties ranked from a somewhat strong position in the top third (Harvey County) to a poor level of health in the lowest third (Sedgwick and Sumner Counties) among the state's counties.

### Selected Health Outcomes and Risk Factors by County, 2014

	Butler	Harvey	Reno	Sedgwick	Sumner	Kansas	National Benchmark
Percent of adults that report smoking	17%	10%	19%	<b>19%</b>	21%	18%	13%
Rate of adult obesity	33%	33%	32%	<b>30%</b>	37%	30%	25%
Percent of adults aged 20 and over reporting no leisure time physical activity	25%	26%	24%	<b>25%</b>	28%	25%	21%
Percent of population who are low-income and do not live close to a grocery store	6%	7%	9%	<b>9%</b>	8%	8%	1%
Percent of all restaurants that are fast-food establishments	55%	51%	60%	<b>54%</b>	56%	48%	27%

Source County Health Rankings & Roadmaps

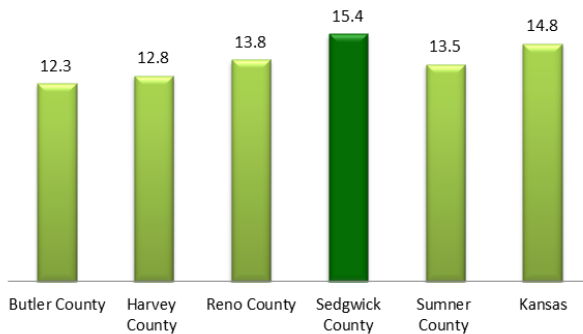
### Percentage of Residents with Limited Access to Healthy Foods in South Central Kansas

Butler County	Harvey County	Reno County	Sedgwick County	Sumner County	State of Kansas
6%	7%	9%	<b>9%</b>	8%	8%

Source Kansas Health Matters

Food deserts are areas that lack access to affordable fruits, vegetables, and other foods that make up a nutritious diet. Various factors, such as proximity to stores and restaurants, food prices, the availability of food and nutrition assistance programs, and other community characteristics interact to shape food choices and overall diet quality. The percentage of the population who are low-income and do not live close to a grocery store is highest in Reno and Sedgwick Counties, slightly exceeding the state average.

### Percent of Residents Experiencing Food Insecurity in South Central Kansas



Source Kansas Health Matters

Food insecurity is a strong economic and social indicator of the overall health of a community. The U.S. Department of Agriculture defines food insecurity as limited or uncertain availability of nutritionally adequate foods or uncertain resources to purchase such foods. Poverty and unemployment are common predictors of food insecurity. The food insecurity rate is highest in Sedgwick County at 15.4 percent in comparison to a state rate of 14.8 percent.