



# KANSAS WATER PLAN IMPLEMENTATION

## Water Sources and Uses: South Central Regional Profile

**Region Population:** 809,699

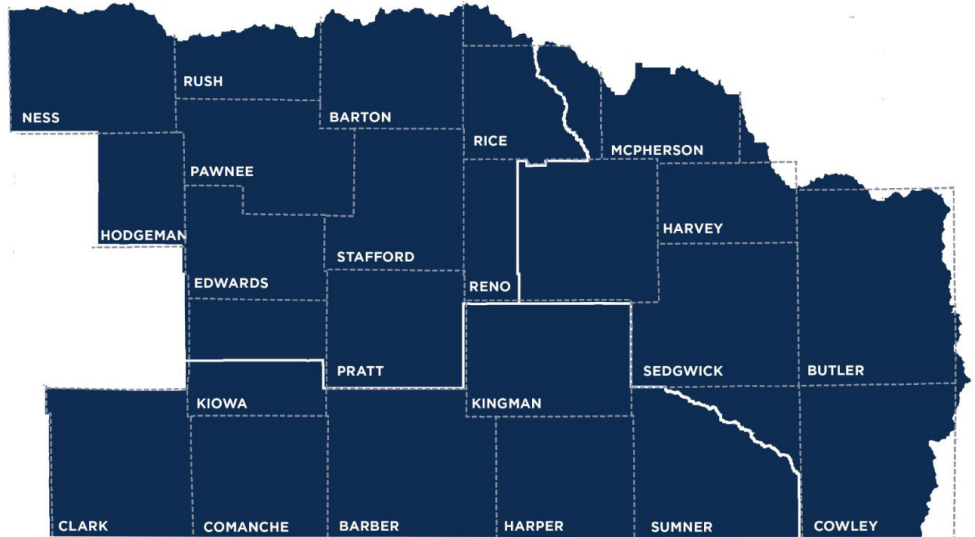
**Statewide Population:** 2.9M

**Region Annual GDP:** \$45 Billion

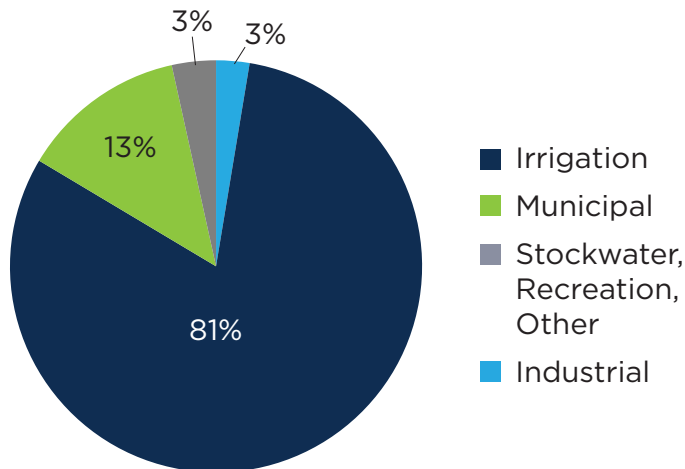
**Statewide GDP:** \$175 Billion

### Major Economic Drivers:

- Agriculture
- Energy (oil & natural gas)
- Manufacturing
- Healthcare Services

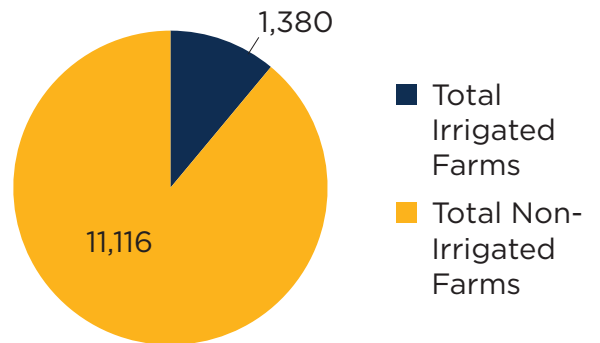


### South Central Kansas Water Uses by Category

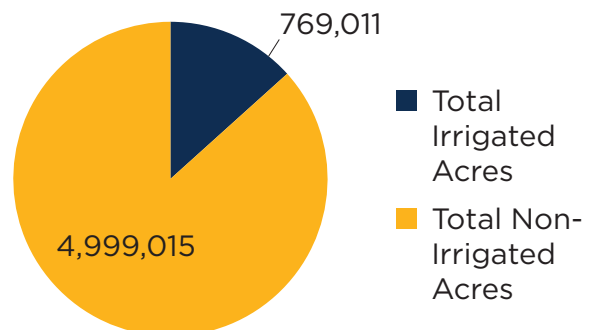


### More Info About the Region's Top Use of Water

#### Total Farms in South Central Kansas



#### Total Cropland Acreage in South Central Kansas



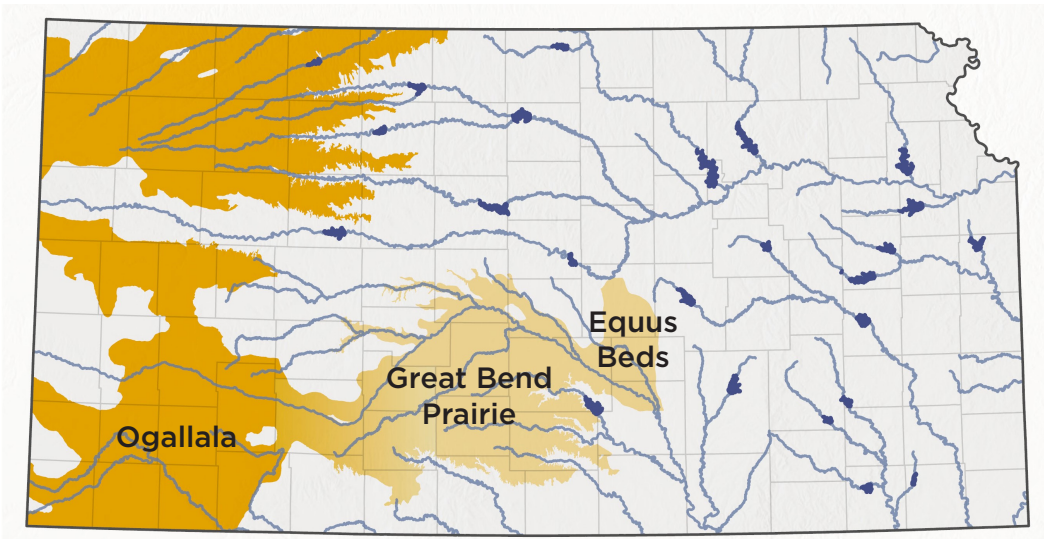
#### Irrigation Statewide in Kansas

- ≈ 3 million acres irrigated
- ≈ 14% of all cropland
- ≈ 33% of crop production

Source: K-State Research & Extension

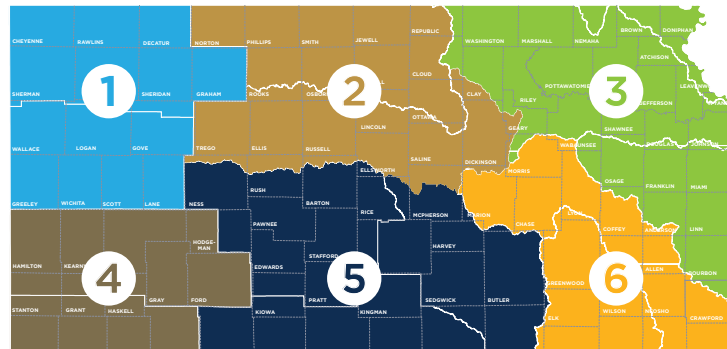


## Water Sources for Our State



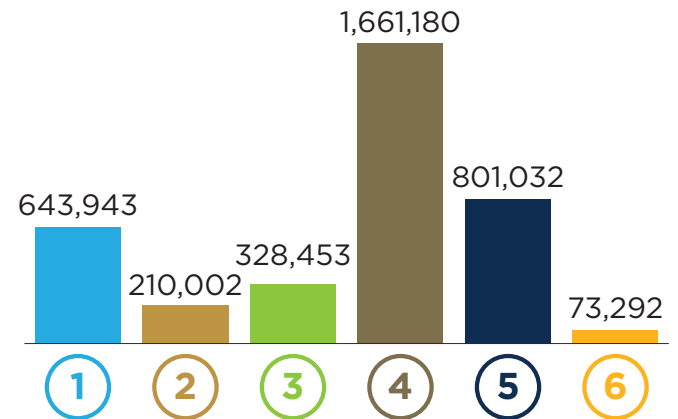
There are two sources of water - groundwater found in an aquifer and surface water, such as rivers, lakes and reservoirs. The High Plains Aquifer contains multiple connected aquifers, including the largest, the Ogallala, which is found in the western portion of the state and the Great Bend Prairie and Equus Beds aquifers found in south central Kansas. The 24 reservoirs in the state as well as lakes and rivers provide water for the remaining areas of the state.

## Regional Map



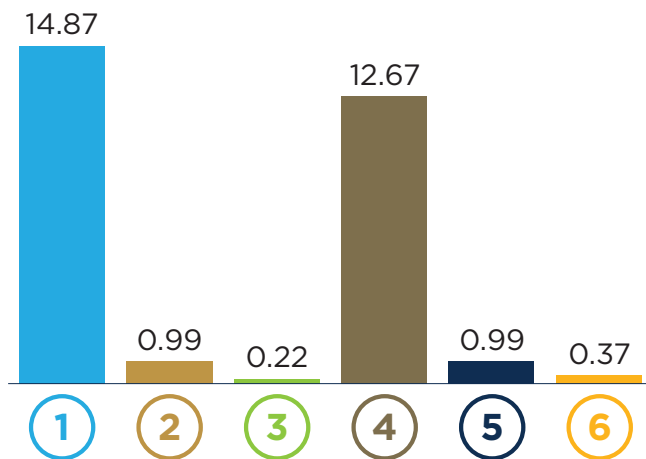
## Total Water Use by Region

Average Annual Water Use in Acre-Feet

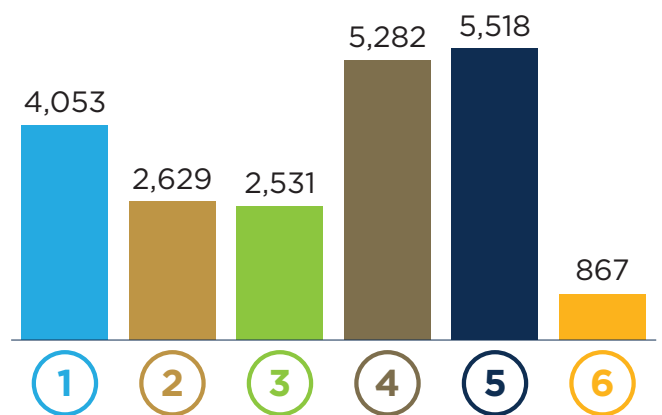


## Regional Average Annual Water Use Per Capita

Average Annual Water Use in Acre-Feet Per Capita



## Number of Water Rights Owners By Region



Water rights are required for any purpose other than domestic use, such as for municipal, irrigation farming, or industrial use.