



KANSAS WATER PLAN IMPLEMENTATION

Water Sources and Uses: Northwest Regional Profile

Region Population: 43,292

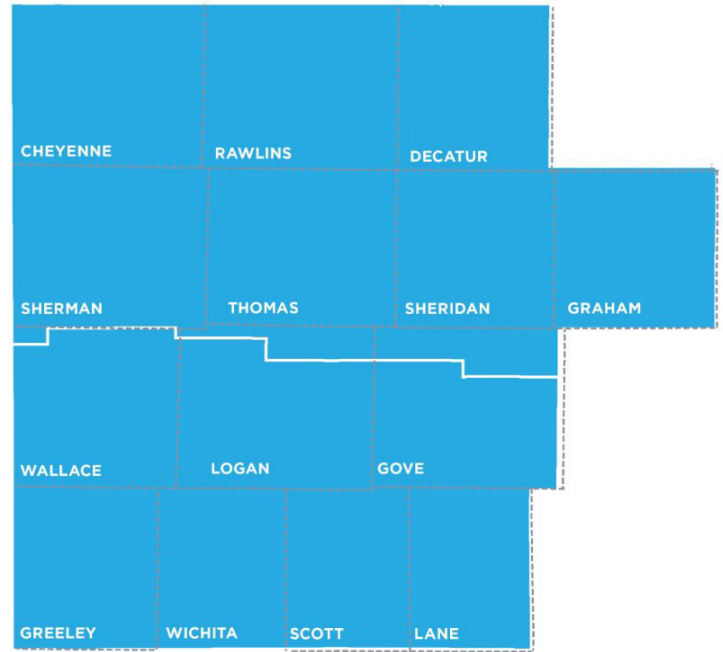
Statewide Population: 2.9M

Region Annual GDP: \$2.8 Billion

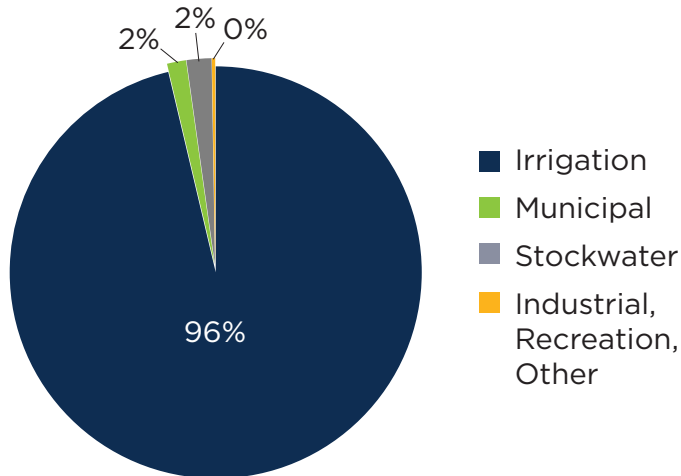
Statewide GDP: \$175 Billion

Major Economic Drivers:

- Beef Industry (ranches, feedlots, dairies)
- Energy (oil & natural gas)
- Grain Production
- Manufacturing

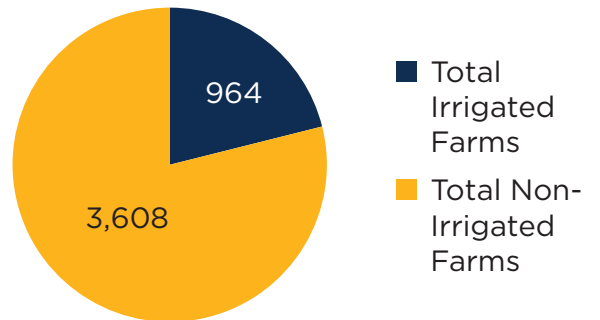


Northwest Kansas Water Uses by Category

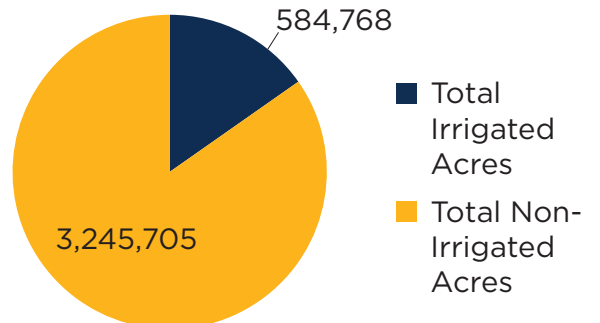


More Info About the Region's Top Use of Water

Total Farms in Northwest Kansas



Total Cropland Acreage in Northwest Kansas



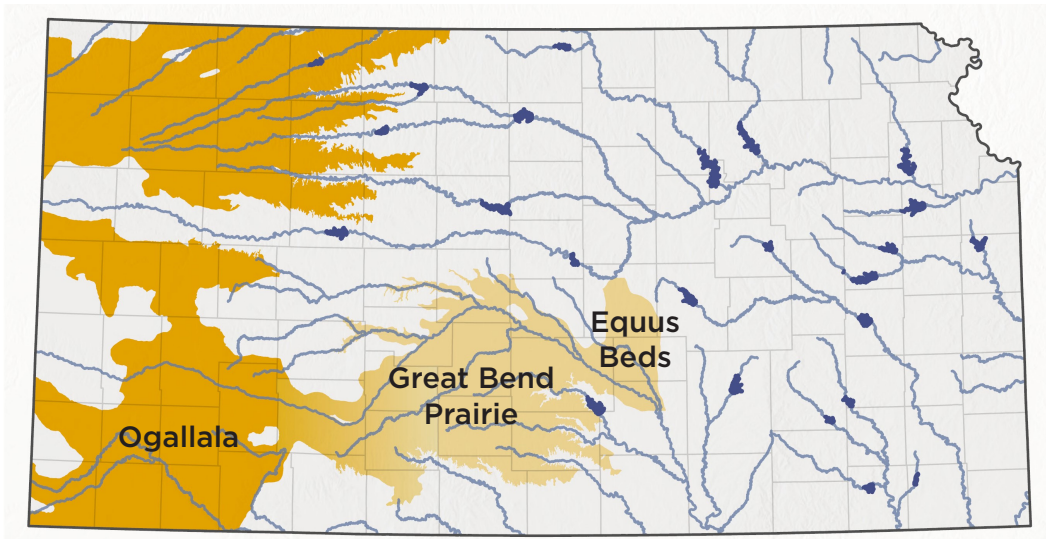
Irrigation Statewide in Kansas

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

Source: K-State Research & Extension

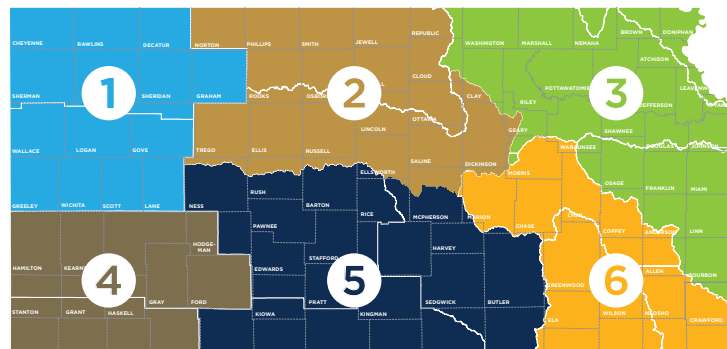


Water Sources for Our State



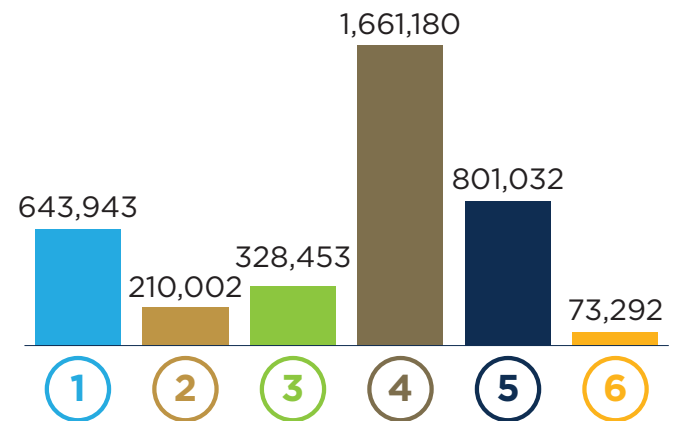
There are two sources of water - groundwater found in an aquifer and surface water, such as rivers, lakes and reservoirs. The High Plains Aquifer contains multiple connected aquifers, including the largest, the Ogallala, which is found in the western portion of the state and the Great Bend Prairie and 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



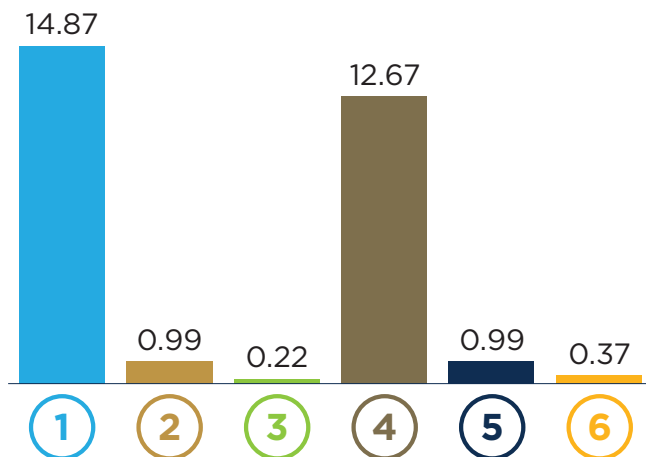
Total Water Use by Region

Average Annual Water Use in Acre-Feet

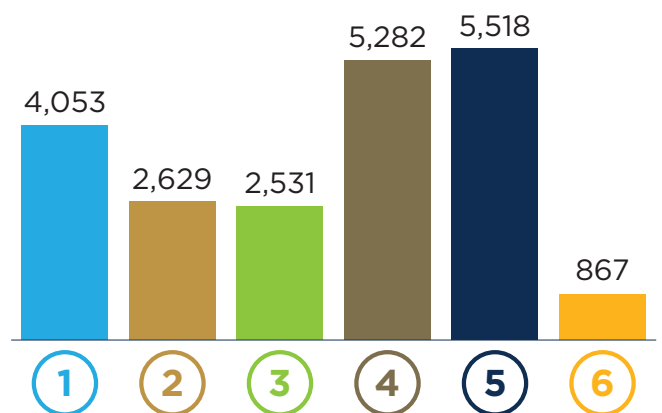


Regional Average Annual Water Use Per Capita

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.