
Kansas Geological Survey

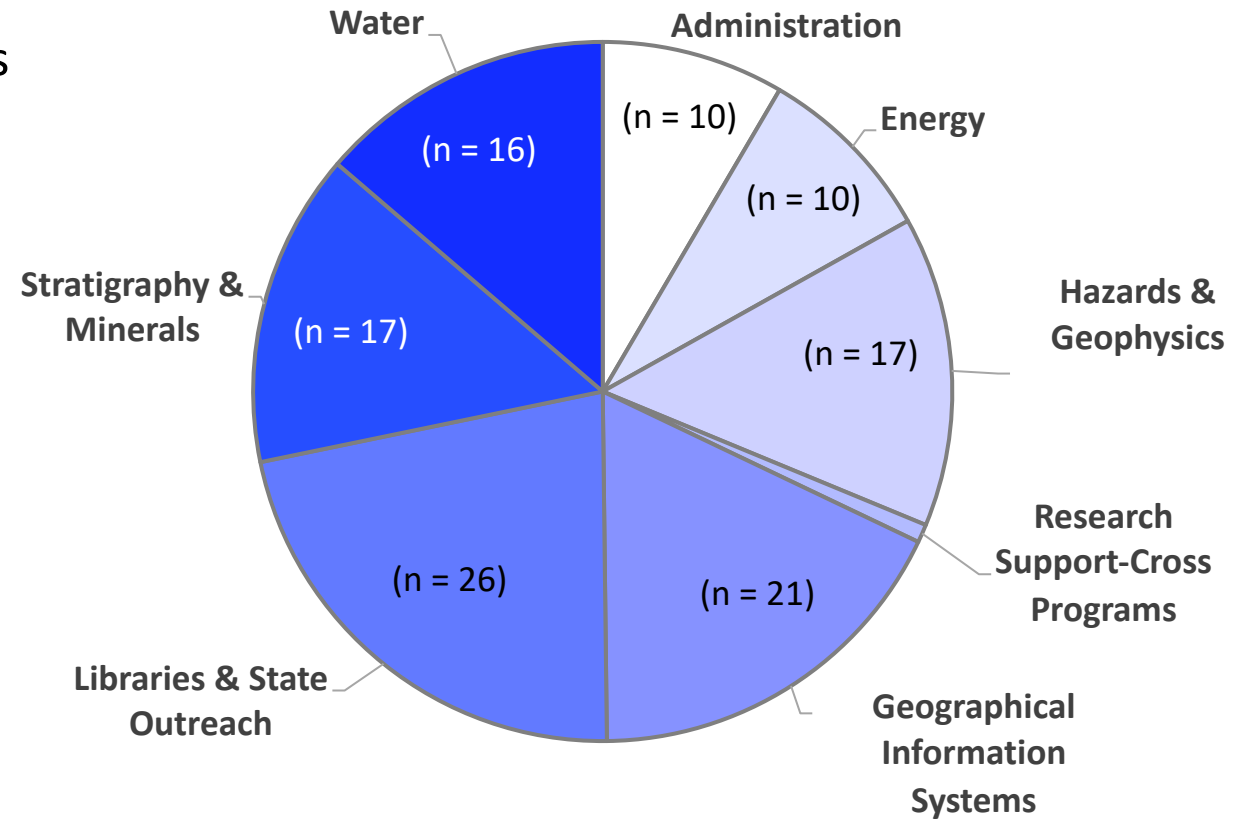
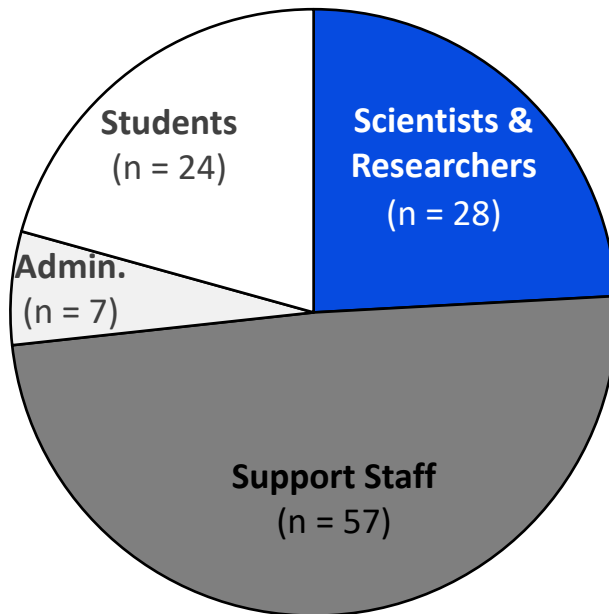
Program Impacts

KS Legislature - Special Committee on Water
29-August, 2022



- Collect, Correlate, Preserve, and Disseminate information about the geological resources of Kansas
- Conduct research with special emphasis on natural resources of:
 - Economic value
 - Water quantity and quality
 - Geologic hazards
- The KGS does not have regulatory responsibility & does not take position on policy.
- Rather, our agency is a neutral party that provides scientifically sound information information and opinions that can inform your policy decisions

- The KGS is comprised of 119 Scientists, Staff, and Students
- Employees report to the Director, who reports to the KU Vice Chancellor for Research



Energy



- Kansas Hydrogen Hub Coalition
- Geologic assessment and characterization of hydrocarbons
- Earth MRI – Black Shales
- CORE – Critical Minerals
- **Carbon Capture, Utilization, and Storage**

Stratigraphy & Minerals



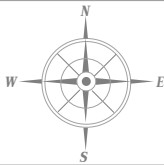
- ODYSSEY Archeology Program
- STATE Map
- GIS/Geomorphology and archeological assessment
- Neogene of the High Plains

Computing & Libraries



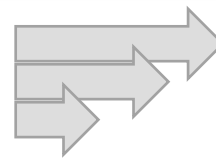
- Wichita Sample Library
- Core Library & Watney Laboratory
- KOLAR – Kansas Online Automated Reporting
- Water well reporting (KDHE)
- Oil & Gas well reporting

GIS & Cartography



- State of Kansas Geographic Information Officer
- GIS data clearinghouse (DASC)
- Next-Generation 911
- GIS/Geomorphology and archeological assessment

Geophysics & Hazards



- Seismic hazard monitoring
- Geophysical tunnel detection techniques
- Seismic monitoring – Hutchinson Salt
- Seismic reflection surveying – Hutchinson Subsidence; Nevada
- Seismic characterization – Abandon mines
- Arbuckle water level monitoring

Water Resources



- Human impacts: water supply, quality, and sustainability
- Aquifer characterization & monitoring
- High Plains Aquifer modeling
- State-wide water quality monitoring
- Streambank stability & reservoir management