



### **Project Goal**

Create visualizations using various R visualization techniques

### **Summary**

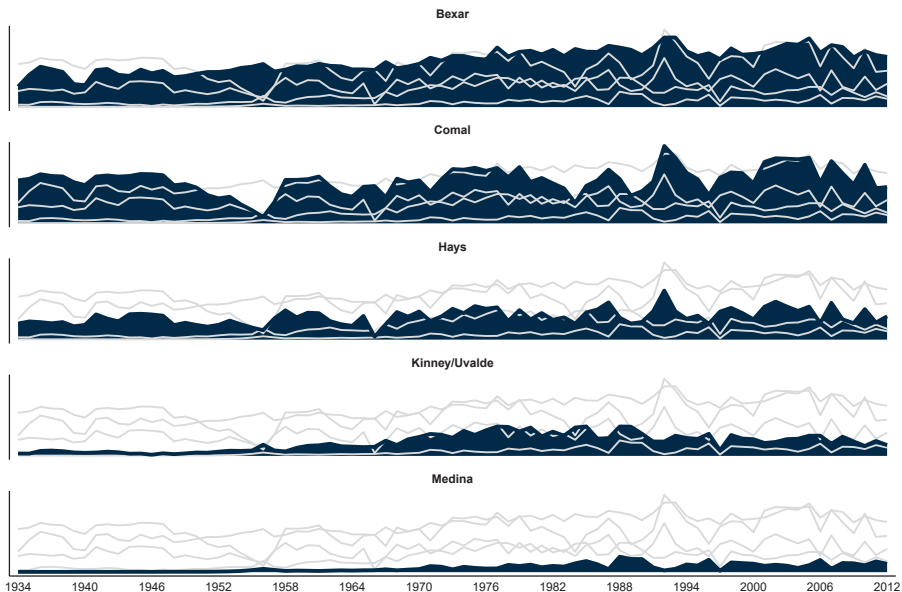
Visualizations were used to analyze water consumption and education data. The data span various areas and include:

- Texas & regional water consumption
- Discharge from Edwards Aquifer
- Projected regional water demands
- Recycled water use
- Texas average precipitation and natural regions
- Graduation rates
- Geographic distribution
- Race & Ethnicity counts

### **Included**

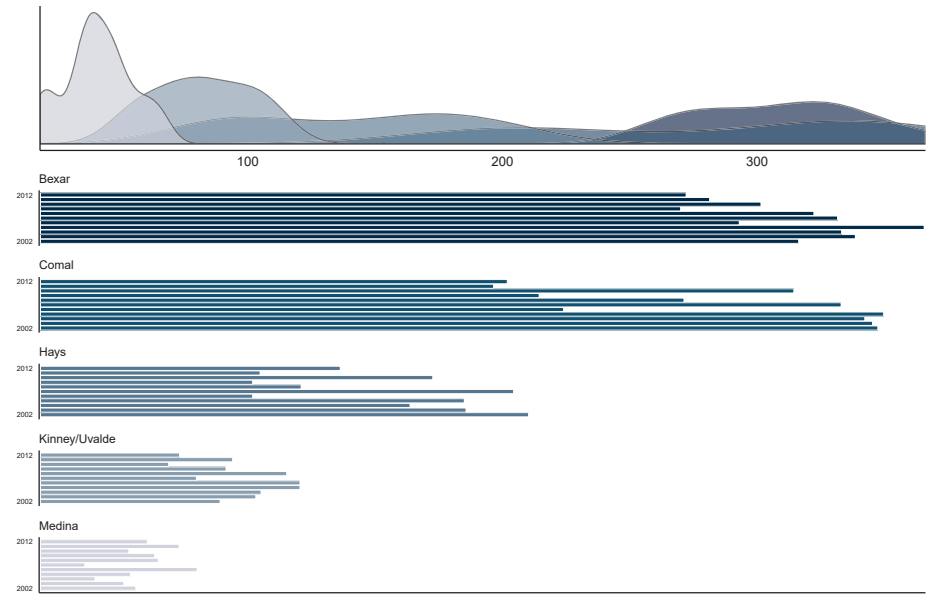
Visualizations

SAWS Edwards Aquifer Discharge by County 2002–2012  
1,000 Acre feet



Source: San Antonio Water Authority, 2014 Stats Book

Discharge from Edwards Aquifer by County 2002–2012  
1,000 Acre Feet



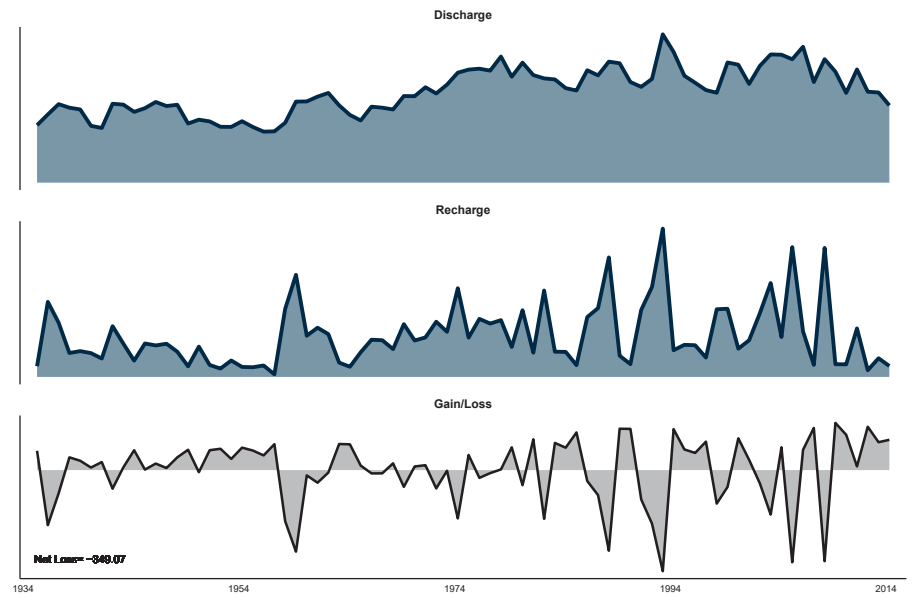
Source: San Antonio Water Authority, 2014 Stats Book

Edwards Aquifer Level: San Antonio Index Well 2005–2014  
Feet Above Mean Sea Level



Source: San Antonio Water Authority, 2014 Stats Book

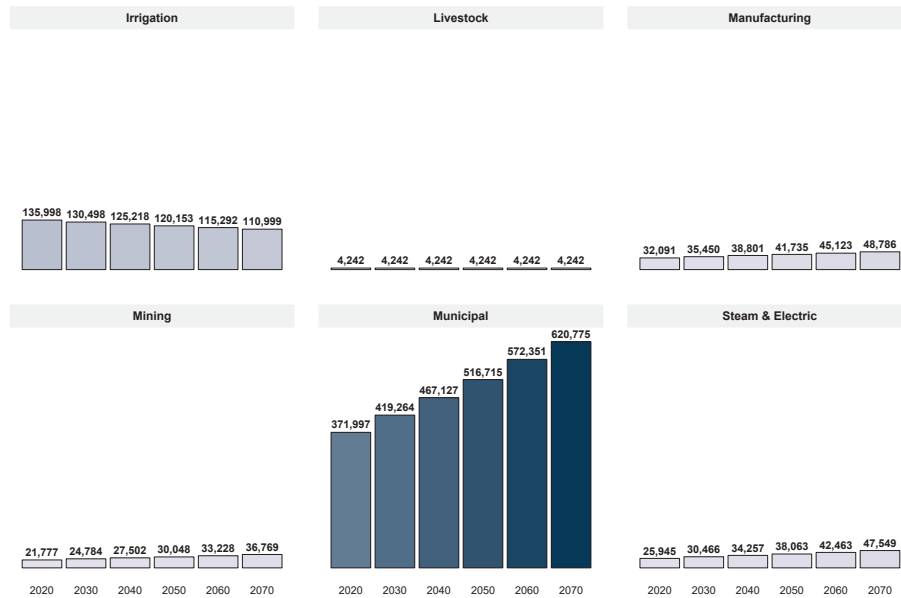
Edwards Aquifer Discharge and Recharge 1934–2014  
1,000 Acre Feet



Source: San Antonio Water Authority, 2014 Stats Book

## Total Projected Regional Water Demands 2020–2070

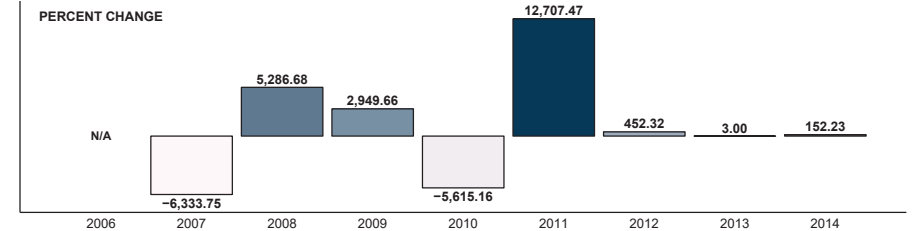
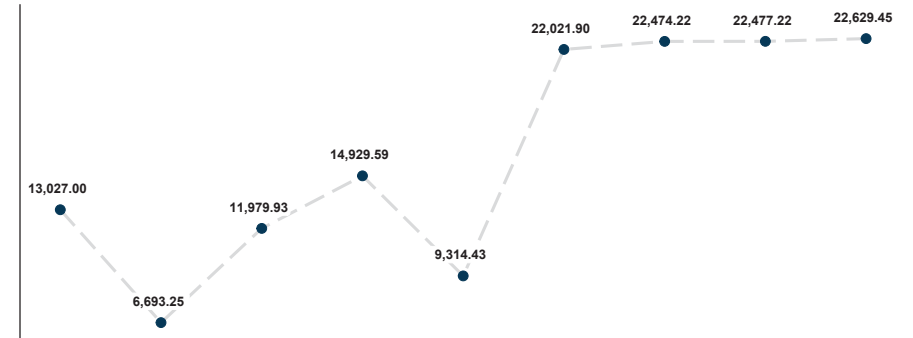
Bexar, Comal, Hays, Medina, & Uvalde Counties, Acre Feet



Source: San Antonio Water Authority, 2014 Stats Book

## SAWS Recycled Water Customer Usage 2006–2014

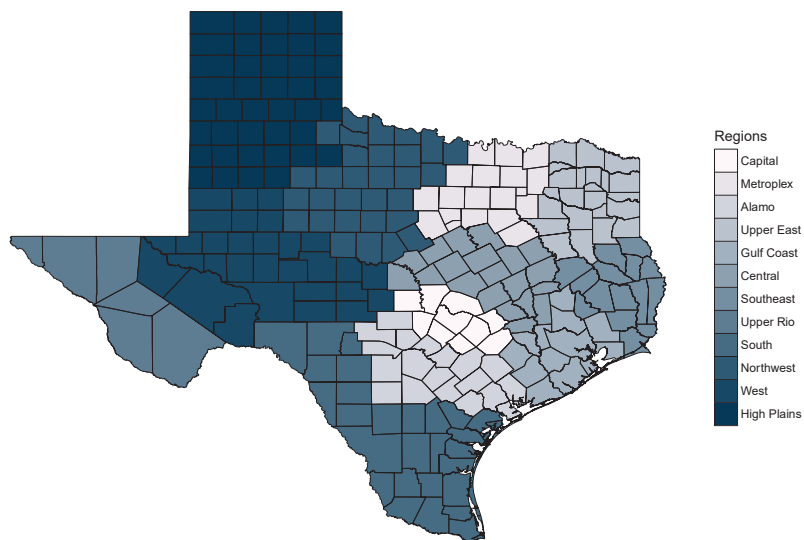
Acre Feet



Source: San Antonio Water Authority, 2014 Stats Book

## Texas Regional Per Capita Water Consumption 2003–2012

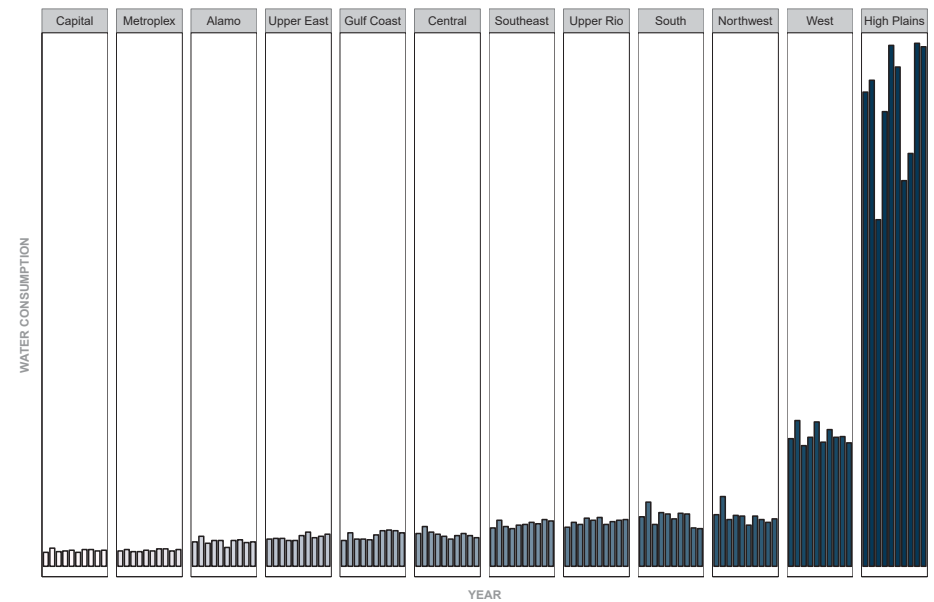
Mean Acre Feet per Person



Source: Texas Comptroller of Public Accounts

## Texas Regional Per Capita Water Consumption 2003–2012

Acre Feet per Person per Year



Source: Texas Comptroller of Public Accounts