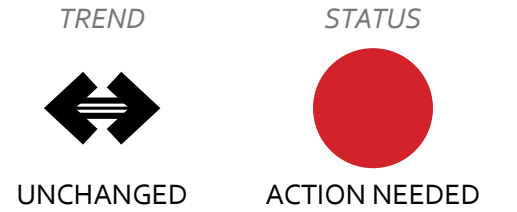


# Water Quality



## CURRENT STATE

Poor water quality remains a chronic issue for many streams, water bodies and public drinking water suppliers across the region.

## IDEAL STATE

Central Texas residents have access to clean drinking water, and local waters (lakes, rivers, streams) support environmental and human needs.

## CONTEXT

In some corners of the region, water quality has much deeper meanings to economy, health, and engagement than just suitability for drinking. It is inextricably tied to the quality of life and personal connection to place.

Water quality issues in rural areas include other factors such well quality and depth, salinity, availability, and the sale of water rights to meet demands outside the Central Texas region.

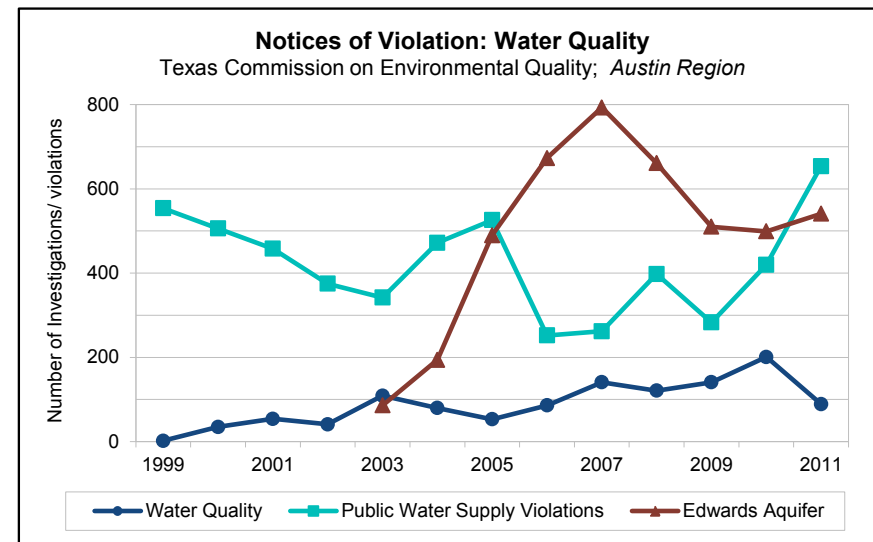
## ADDITIONAL MEASURES

Impervious Cover Runoff

## SOURCES

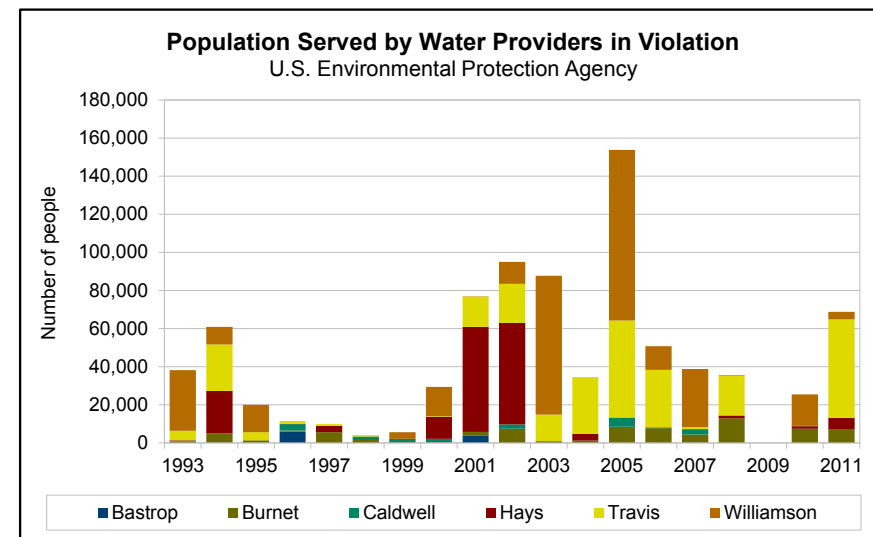
## Water Quality Violations

- Violations are issued by the Texas Commission on Environmental Quality (TCEQ) Enforcement Division only after significant investigation and focus mostly on public health concerns.
- Violations by public water suppliers have fluctuated in recent years, but have been increasing since 2006 – most substantially in 2011. A supplier could have multiple or repeated violations.
- While only 292 violations have resulted from investigations related to the Edwards Aquifer since 1998, the number of investigations has increased dramatically, peaking in 2007.



## Public Drinking Water Quality

- In 2011, over the course of the year, almost 70,000 Central Texans were served by a public water provider that was in violation of EPA water quality rules. *Note: 2009 data unavailable.*



## Distribution of Poor Water Quality

- The map shows impairment within the region's three river basins for the year 2010.
- If a water body violates just one of many criteria, it is listed as being impaired or as not meeting its designated use for that year. Monitored bodies include the largest lakes, rivers, and streams in the region, with multiple monitoring sites along several rivers.

