

Texas Water Development Board

Water Use Survey

Jane Bullan
Team Lead / Data Analyst
Water Use Survey Team



What is the Water Use Survey?

- Collect water use data from public water systems and industrial facilities in the state
- **Texas Water Code Section 16.012m** The executive administrator may conduct surveys of entities using groundwater and surface water for municipal, industrial, power generation, or mining purposes at intervals determined appropriate by the executive administrator to gather data to be used for long-term water supply planning.
- 8,000 annual surveys
 - 4,500 public water systems
 - 3,500 industrial facilities

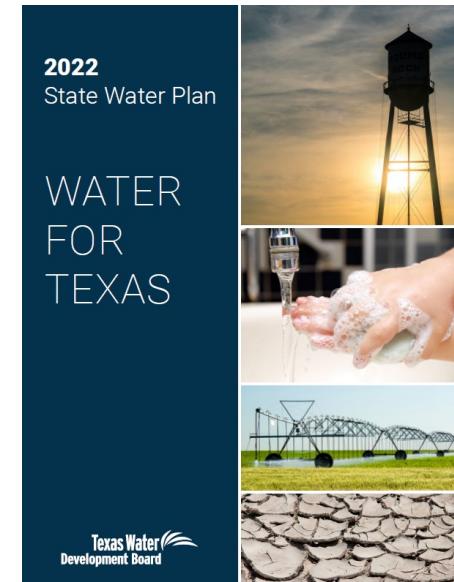


History of the Water Use Survey

- 1955: The TWDB's predecessor began to survey self-supplied groundwater pumping.
- 1971: Surveying all water source types (groundwater, surface water, effluent).
- 1984: The WUS became an annual survey.
- 2001: The survey became mandatory (TWC Sec. 16.012(m)).
- 2011: The online survey application launched.
- 2014: LUC (Water Loss, Water Use and Conservation Plan Reporting) system was created to streamline and consolidate data required by SB181.
- 2015: Started collecting retail water data by end use type & reuse by use type.

Why Should You Care About the Water Use Survey?

- Future municipal water demands in the State Water Plan are based on projections developed using historical water use survey data
- Used to calculate Gallons per Capita Daily (GPCD)
- Supports State Water Implementation Funds for Texas (SWIFT) Prioritization
- Provides Support in other Areas:
 - Groundwater Availability Models (GAMSs)
 - Groundwater Conservation Districts (GCDs)
 - United States Geological Survey (USGS)
Texas Water Science Center
 - Research by other organizations



Water Loss, Use, and Conservation Reporting Applications

- The WLUC reporting system was created in 2014 to help streamline data entry
- Common fields are auto-populated from the water use survey into the other reports
- Users **MUST** start with the Water Use Survey if they plan to complete the subsequent reports



Required Survey Information

Intake Volumes by Source



Water Sales



Retail Connections & Volumes



Other Data (Population Served, Geographic Information, etc.)



Required Survey Information

Intake Volumes by Source

Self-Supplied

Purchased

Groundwater – By Well
By Aquifer

Surface Water – By Basin
By Water Right

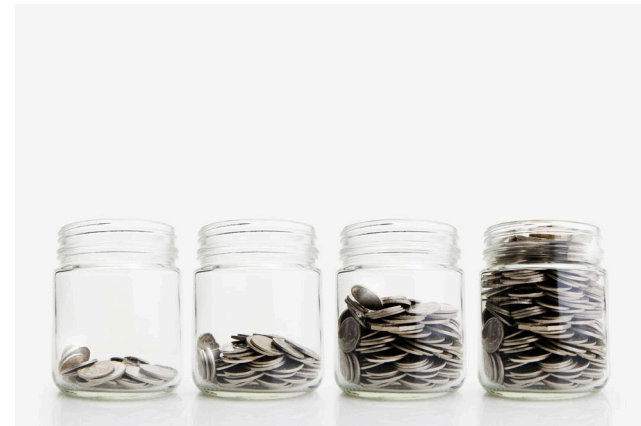
Reuse – By Direct/Indirect
By Potable/Non-potable

Metered/Estimated
Saline/Brackish

Required Survey Information

Water Sales

- Wholesale sales to other Public Water Systems
- Industrial facilities buying 10 million gallons or more per year
 - Manufacturing facilities, mining facilities, data centers, and power plants
- DO NOT report commercial (restaurants, retail stores, etc.) or institutional sales (hospitals, universities, public buildings) even if they exceed the 10 million gallons per year threshold
- Report by water source and buyer



Required Survey Information

Retail Connections and Volumes (Public Water Systems Only)

- Single Family (Houses)
- Multi Family (Apartments, Condos)
- Institutional (Gov't buildings, fire dept.)
- Commercial (Offices, restaurants)
- Industrial (Manufacturing, mining)
- Agricultural (Includes irrigation)
- Reuse
- Un-metered Use

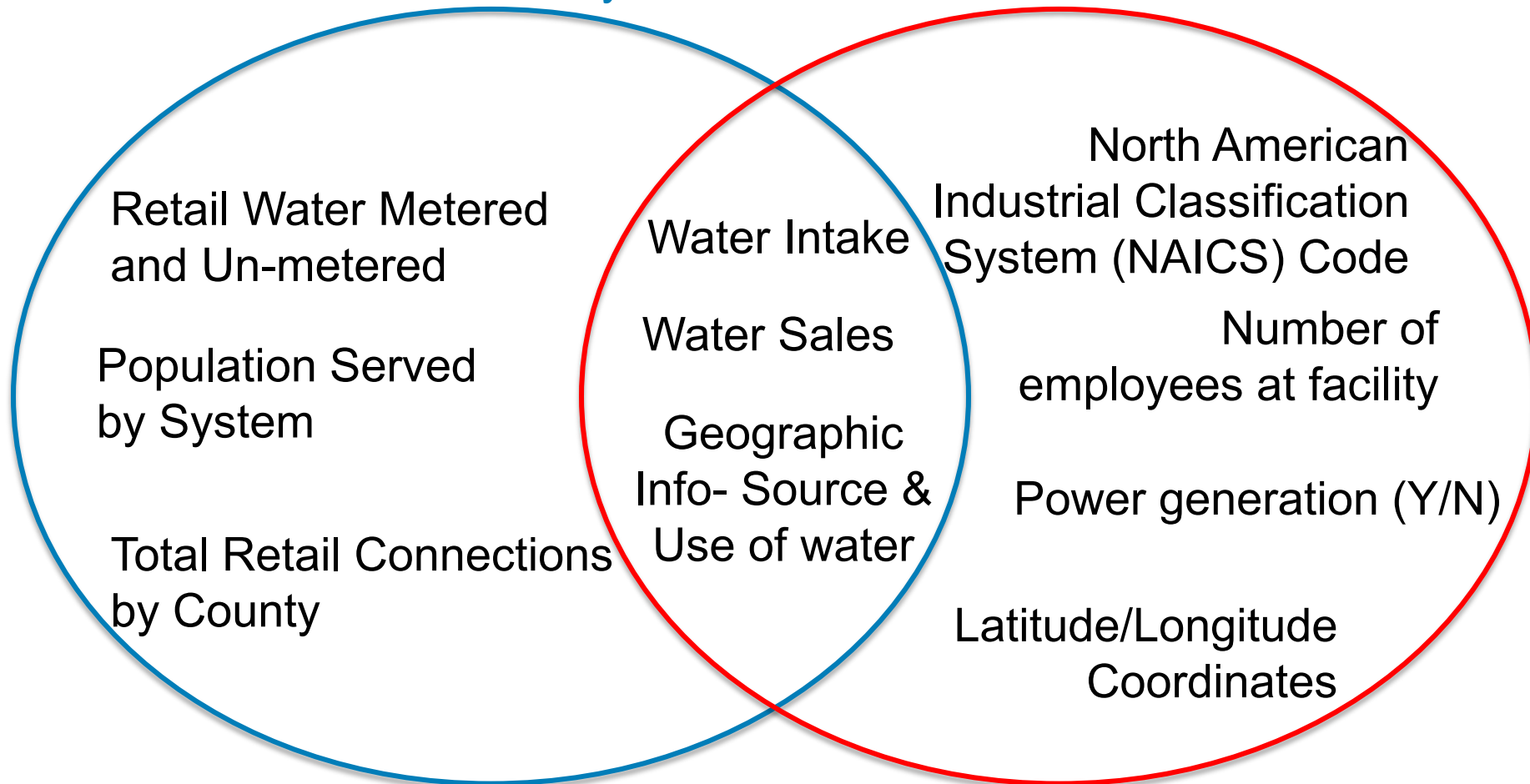


If you have questions on how to report the retail data, please contact the Water Use Survey team via phone or email.

Required Survey Information

Public Water Systems

Industrial Facilities



DUE DATE

Water Use Surveys are due **March 1st** annually

The Water Use Survey online application **CLOSES July 1st** annually

... but we are nice and accept late submittals. 😊

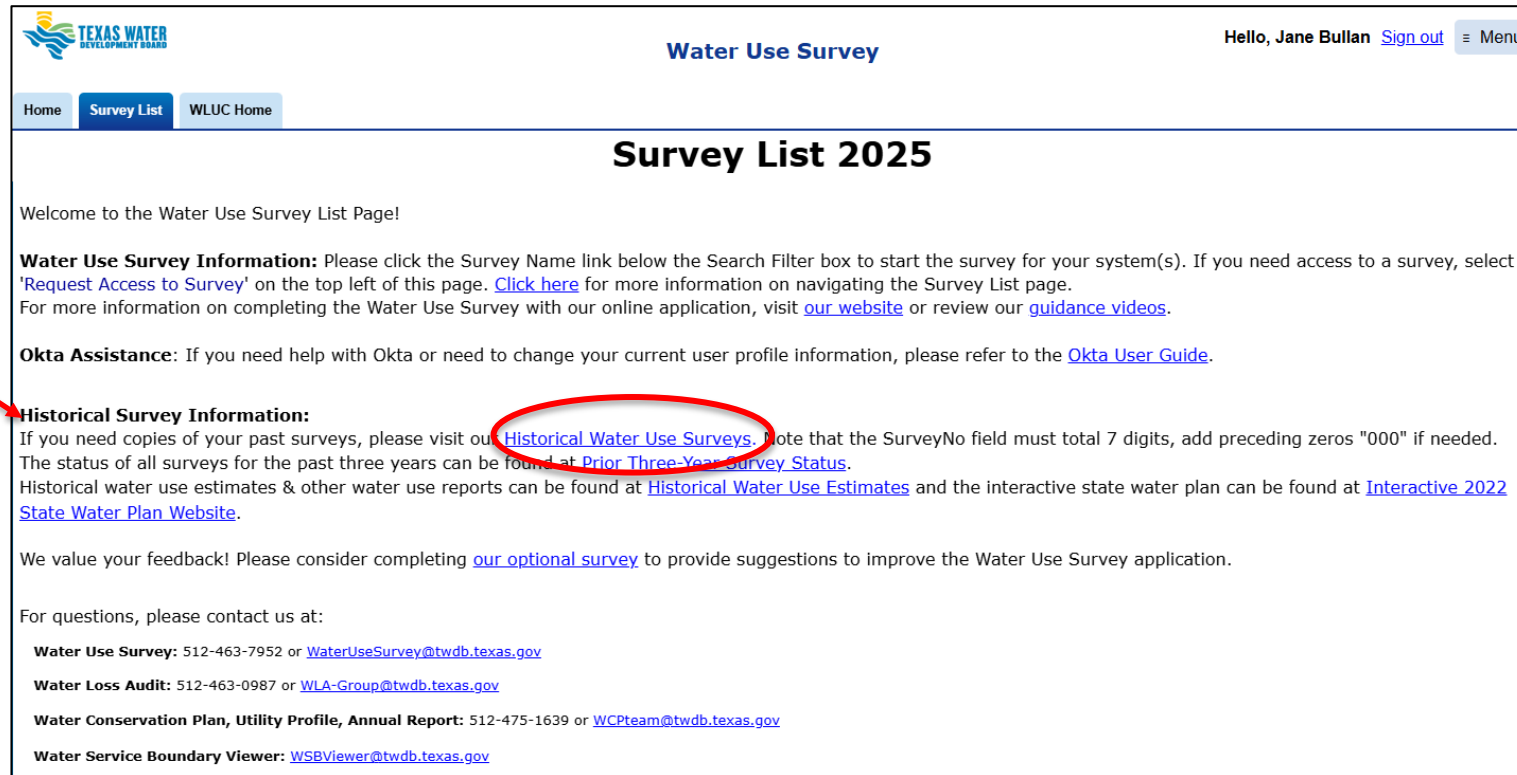
Please email us WaterUseSurvey@twdb.texas.gov if you need submit or revise a report after the application closes


How to Access Past Copies of Your Water Use Survey

- Historical Reports:

https://www3.twdb.texas.gov/apps/reports/WU/Historical_FinalWaterUseSurvey

Enter the date, survey year, and survey number (must total 7 digits- add preceding 000's if needed) in the header



 **Water Use Survey** Hello, Jane Bullan [Sign out](#) Menu

Home **Survey List** WLUC Home

Survey List 2025

Welcome to the Water Use Survey List Page!

Water Use Survey Information: Please click the Survey Name link below the Search Filter box to start the survey for your system(s). If you need access to a survey, select 'Request Access to Survey' on the top left of this page. [Click here](#) for more information on navigating the Survey List page. For more information on completing the Water Use Survey with our online application, visit [our website](#) or review our [guidance videos](#).

Okta Assistance: If you need help with Okta or need to change your current user profile information, please refer to the [Okta User Guide](#).

Historical Survey Information: If you need copies of your past surveys, please visit our [Historical Water Use Surveys](#). Note that the SurveyNo field must total 7 digits, add preceding zeros "000" if needed. The status of all surveys for the past three years can be found at [Prior Three-Year Survey Status](#). Historical water use estimates & other water use reports can be found at [Historical Water Use Estimates](#) and the interactive state water plan can be found at [Interactive 2022 State Water Plan Website](#).

We value your feedback! Please consider completing [our optional survey](#) to provide suggestions to improve the Water Use Survey application.

For questions, please contact us at:

Water Use Survey: 512-463-7952 or WaterUseSurvey@twdb.texas.gov

Water Loss Audit: 512-463-0987 or WLA-Group@twdb.texas.gov

Water Conservation Plan, Utility Profile, Annual Report: 512-475-1639 or WCPteam@twdb.texas.gov

Water Service Boundary Viewer: WSBViewer@twdb.texas.gov

Historical Water Use Estimates Reports

- Data reported in the Water Use Survey is used to develop the Annual Water Use Estimates
 - Available by Region, County, & Basin

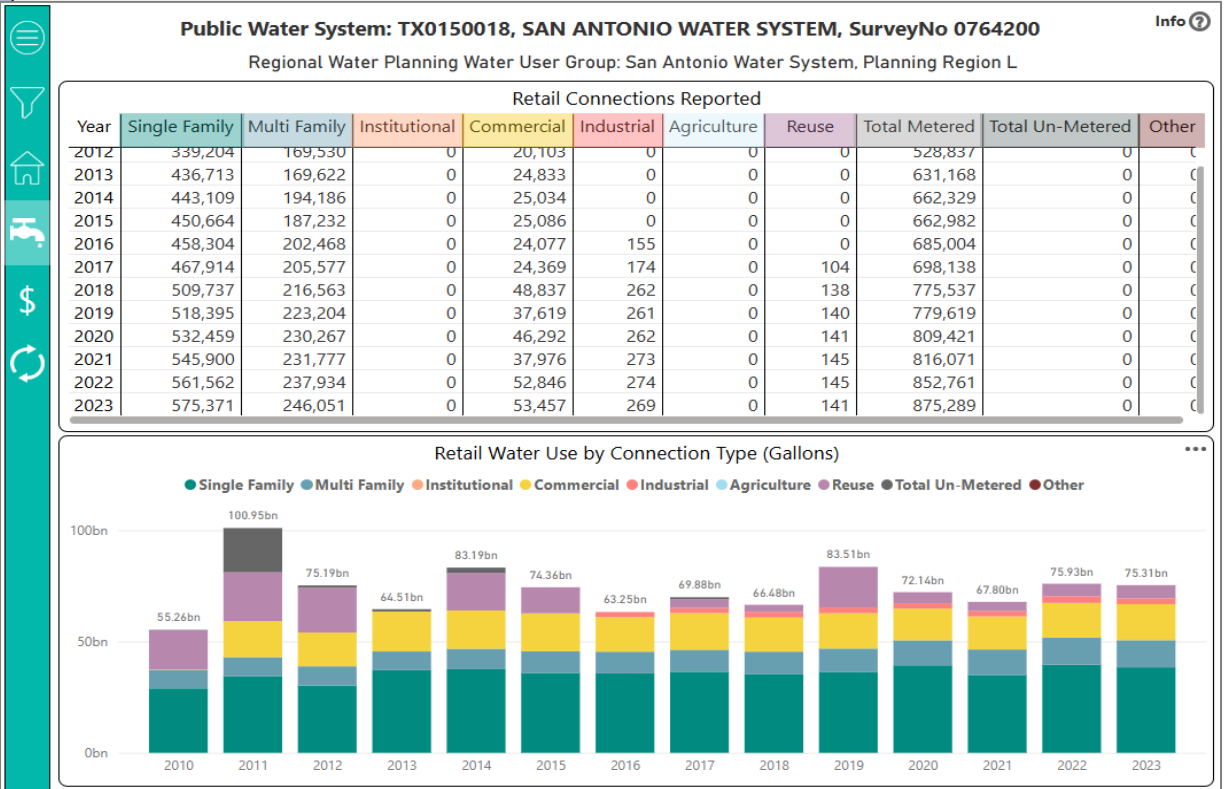
<https://www.twdb.texas.gov/waterplanning/waterusesurvey/estimates/index.asp>

Historical Water Use Report By Source and Planning Region								
All volumes are in acre-feet unless otherwise noted (1 acre-foot = 325,851 gallons)								
Year	Region	Total Groundwater	Percent Groundwater	Total Surface Water	Percent Surface Water	Total Reuse	Percent Reuse	Total Water Use
2023	A	2,198,659	98.0%	22,330	1.0%	23,374	1.0%	2,244,363
2023	B	72,873	57.0%	54,718	42.8%	306	0.2%	127,897
2023	C	110,466	6.9%	1,431,796	90.0%	47,932	3.0%	1,590,194
2023	D	74,579	31.4%	159,433	67.2%	3,250	1.4%	237,262
2023	E	269,847	63.6%	132,501	31.2%	22,254	5.2%	424,602
2023	F	583,472	76.1%	118,214	15.4%	65,463	8.5%	767,149
2023	G	455,526	46.2%	504,583	51.2%	26,175	2.7%	986,284
2023	H	627,359	27.0%	1,595,791	70.0%	21,751	1.0%	2,244,901

Other Reports & Data Dashboards

<https://www.twdb.texas.gov/waterplanning/waterusesurvey/estimates/index.asp>

Texas Water Development Board		WATER USE SURVEY HISTORICAL USE BY INDUSTRY TYPE for 2023			
<i>(All volumes are in gallons unless otherwise noted. 1 Acre-Foot = 325,851 gallons) As of 12/17/2025 3:38:08 PM Revised as Additional or More Accurate Data Becomes Available Through Survey Responses Report Filename: HistoricalByNAICS</i>					
3-Digit NAICS Code	Industry	Water Intake Total	Water Sales Total	Net Use Total	Surveyed Facility Count
221	Utilities (Not Power Generation)	2,379,449,677	57,570,834	2,321,878,843	2
238	Specialty Trade Contractors	906,624,407	0	906,624,407	0
311	Food Mfg	19,228,781,643	0	19,228,781,643	22
312	Beverage and Tobacco Product Mfg	5,476,036,989	0	5,476,036,989	4
313	Textile Mills	72,845,200	0	72,845,200	0
314	Textile Product Mills	491,300	0	491,300	0
315	Apparel Mfg	6,077,980	0	6,077,980	0
316	Leather and Allied Product Mfg	19,149,410	0	19,149,410	0
321	Wood Product Mfg	3,468,825,198	0	3,468,825,198	3
322	Paper Mfg	24,132,000,937	403,039,557	23,728,961,380	3
323	Printing and Related Support Activities	74,974,959	0	74,974,959	1
324	Petroleum and Coal Products Mfg	133,942,761,337	25,051,375,107	108,891,386,230	5
325	Chemical Mfg	211,056,355,165	31,380,959,994	179,675,395,171	30



Water Service Boundary Viewer



- Due to software upgrades and limited staffing, the Viewer editor will be **temporarily closed to editing for the upcoming year.**
- You may still view your boundary via the [Water Service Boundary Viewer](#)
- If your system is undergoing significant boundary changes or merger, please contact WSBViewer@twdb.texas.gov

Thank you for understanding!

Thank you!



Water Use Survey Team



512-463-7952



WaterUseSurvey@twdb.texas.gov