

From: [RegionalWaterPlanning](#)
To: [RegionalWaterPlanning](#)
Cc: [OOP-WSP-RWP](#); [Katie Dahlberg](#); [Temple McKinnon](#); [Matt Nelson](#)
Subject: Revised Plumbing Code Savings and Municipal Demand Projections by WUG
Date: Friday, May 5, 2023 12:53:21 PM
Attachments: [WUGs_RevisedPCSMuniDemands.xlsx](#)
[2026PopMunMethodology_FINAL_May2023.pdf](#)

Dear RWPG Members,

The TWDB appreciates your patience and understanding during the development of the municipal demand projections for this planning cycle. As we communicated April 20th, with the assistance of regional water planning technical consultants we detected and corrected an error in the original draft estimated plumbing code savings calculations that were shared with planning groups in January 2023. A significant share of passive plumbing code savings that have already been achieved was inadvertently included in 2030 and 2040 projections, in addition to overstating the amount of future savings gained by the continued adoption of new appliances and fixtures. This resulted in generally under-projecting total municipal water demands. Projecting these passive savings based on historical laws is complex and must consider water use per flush/minute/cycle, useful life, and historical as well as future adoption rates. We have revised the draft plumbing code savings projections, and subsequently, revised the draft municipal water demand projections.

Please see the attached spreadsheet, which contains Water User Group (WUG) population projections using the 1.0 migration scenario and 0.5 migration scenario, baseline Gallons per Capita Daily, **revised** plumbing code savings, and **revised** municipal water demand projections which are higher. The resulting increases to the municipal water demand projections varied by WUG and decade but generally increased up to roughly 10 percent with few unchanged and a number of demands significantly higher. The attached spreadsheet contains all WUGs by Regional Water Planning Area and County. Each region will need to use the filter option to filter to the Region, County, and/or WUGs of interest.

Planning groups may request revisions to the WUG-level projections using [First Amended General Guidelines for Development of the 2026 Regional Water Plans \(Exhibit C\)](#) as guidance. The RWPG_Revisions tab in the attached spreadsheet must be filled out and returned with any planning group revision requests.

The timeline for the remaining projections:

- **July 14, 2023** – Deadline for RWPGs to request revisions to draft non-municipal demand projections.
- **August 11, 2023** – Deadline for RWPGs to request revisions to draft population and municipal demand projections.
- **Fall 2023** – TWDB staff will present all projections to the Board for adoption.

If you have any additional data requests or questions regarding draft projections or supporting data provided, please contact or submit your request to FDA@twdb.texas.gov

This email has been sent to RWPG members, sponsor staff, and technical consultants.

Thank you,

Katie S. Dahlberg

Manager, Projections & Socioeconomic Analysis
Water Supply Planning, Office of Planning

Texas Water Development Board

1700 N. Congress Avenue, P.O. Box 13231, Austin, TX 78711
(512) 463-2449 | katie.dahlberg@twdb.texas.gov