



2022

TEXAS GROUNDWATER SUMMIT

Hyatt Regency Hill Country • San Antonio, TX • August 30-September 1

Groundwater Management When Everyone Wants a Piece of Texas

August 31, 2022

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Groundwater Management

When Everyone Wants a Piece of Texas

2022 Texas Groundwater Summit

AUSTIN

Central Texas must adapt as business expansion, water demand grows

by: Mia Abbe

Posted: Aug 19, 2022 / 10:50 AM CDT

Updated: Aug 19, 2022 / 11:42 AM CDT



Lake Travis water levels continue to fall

Population growth — and climate change — may force Texans to change how they find and use water

KERA | By Bret Jaspers

Published November 2, 2021 at 8:33 AM CDT



▶ LISTEN • 4:13



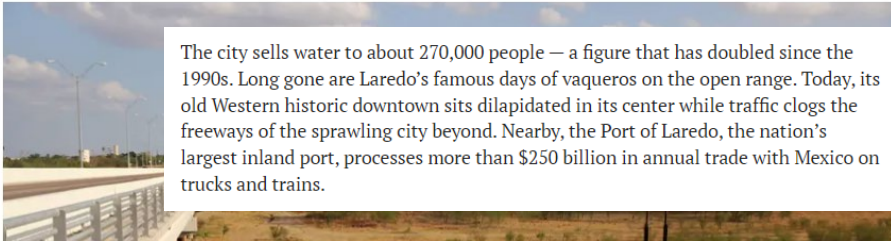
Laredo confronts drought and water shortage with minimal options

Leaders in the South Texas city are reluctant to impose substantial restrictions on watering lawns even as water supplies near record lows.

BY DYLAN BADDOUR, **INSIDE CLIMATE NEWS** AUG. 22, 2022 6 PM CENTRAL



COPY LINK



The city sells water to about 270,000 people — a figure that has doubled since the 1990s. Long gone are Laredo's famous days of vaqueros on the open range. Today, its old Western historic downtown sits dilapidated in its center while traffic clogs the freeways of the sprawling city beyond. Nearby, the Port of Laredo, the nation's largest inland port, processes more than \$250 billion in annual trade with Mexico on trucks and trains.

Wilson County News



The Economist: Population Dynamics — Texas Style!

▶ Open Audio Article Player

August 17, 2022

By Dr. M. Ray Perryman

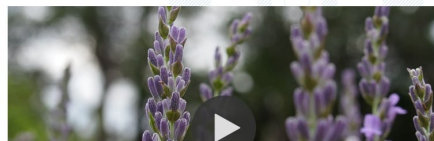
Audio articles on Wilson County News made possible by C Street Gift Shop in downtown Floresville

▶ 0:00 / 0:00

BOOMTOWN

Rapid growth is hurting the Texas Hill Country. Here's how

A new report found this rural region is suffering due to unregulated development and overconsumption of water resources.



LOCAL NEWS

City of Wilmer sees population boost as more major companies move into area

The small city of Wilmer, Texas is now boasting a population of 6,690. That's a significant increase from the 4,600 population data recorded in 2021.

The Dallas Morning News

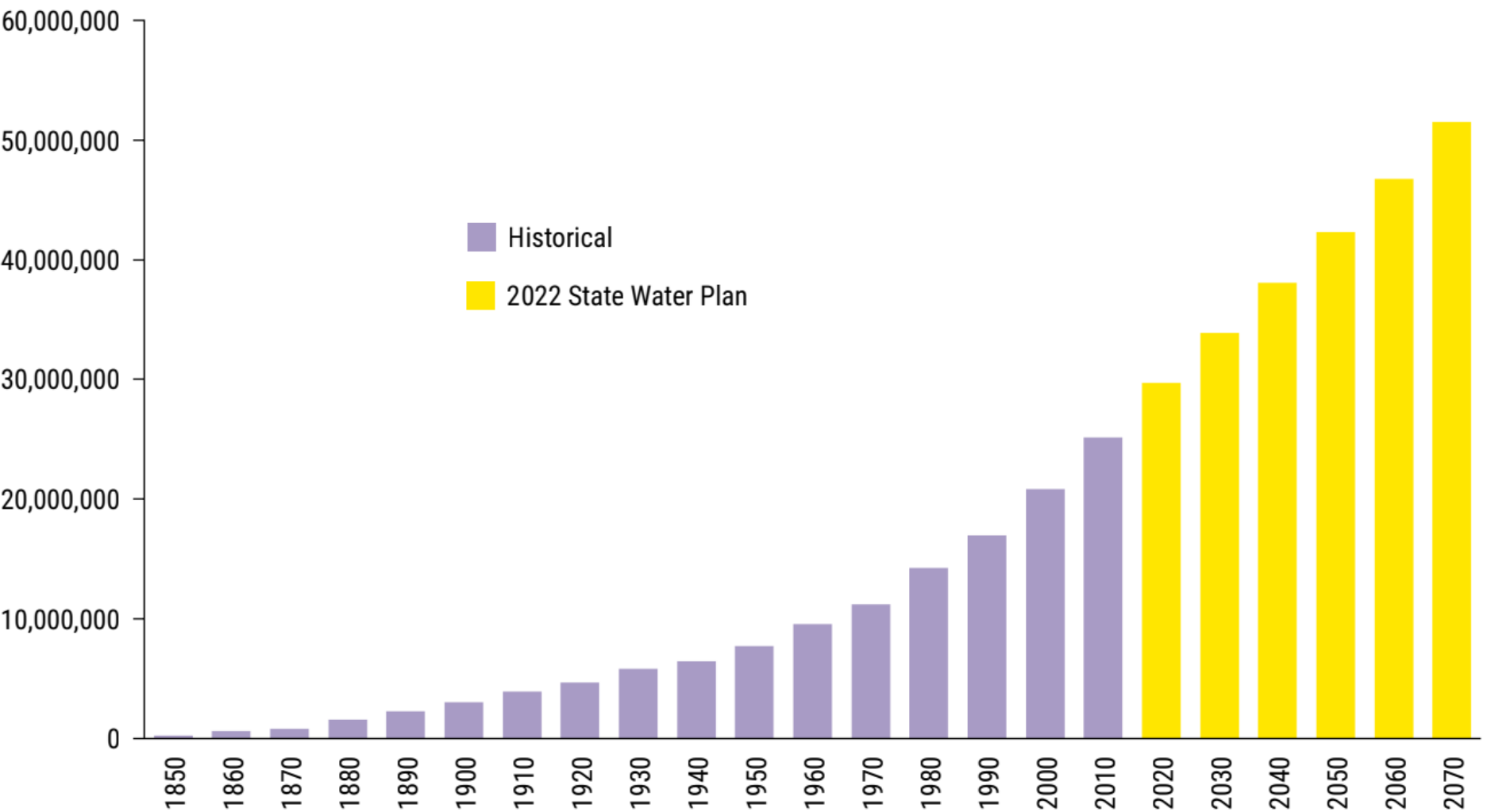
NEWS > POLITICS

Searing heat spotlights long-term water woes in Texas, other western states

Low water levels creating problems throughout the region, including shutting down a popular Texas swimming hole.

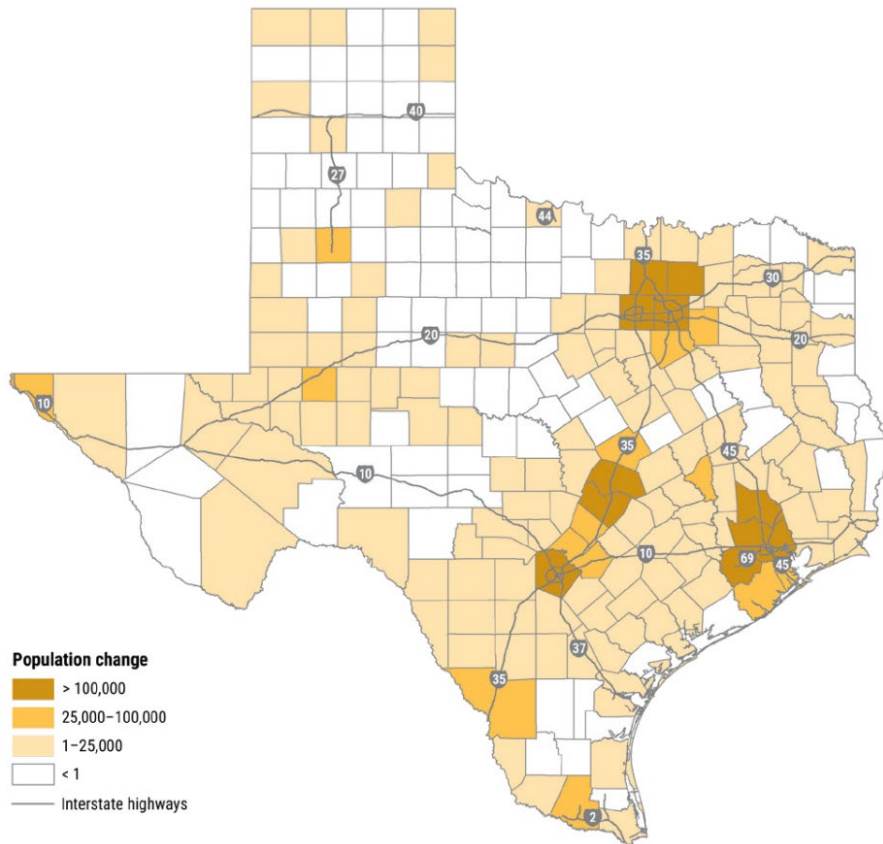


Historical and projected population growth in Texas (1850-2070)

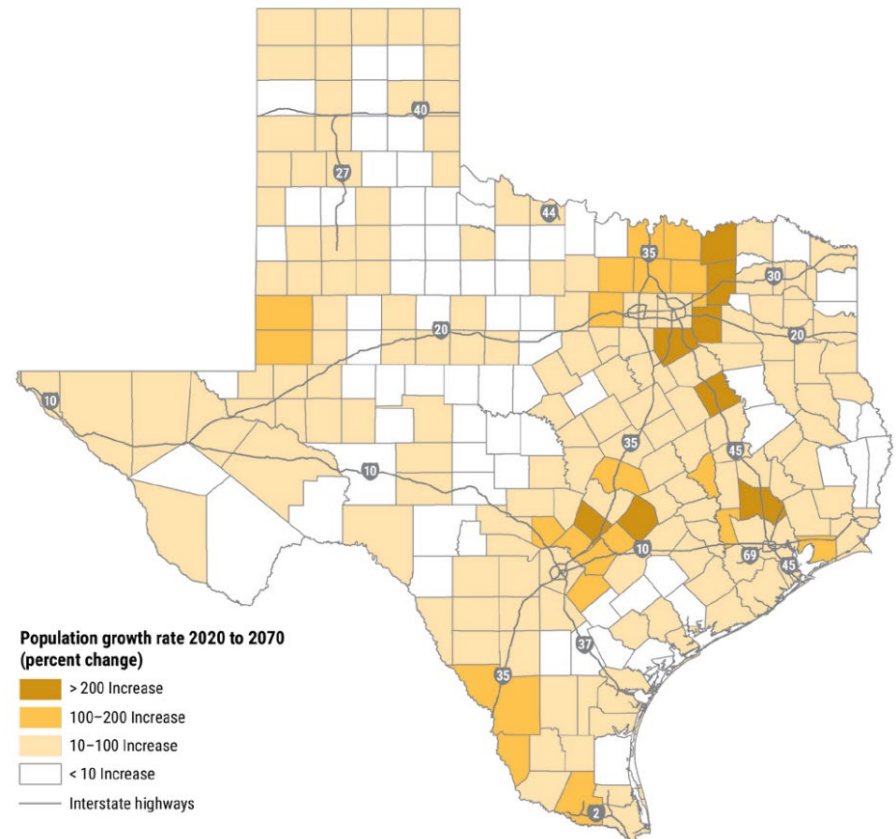


Where is growth happening?

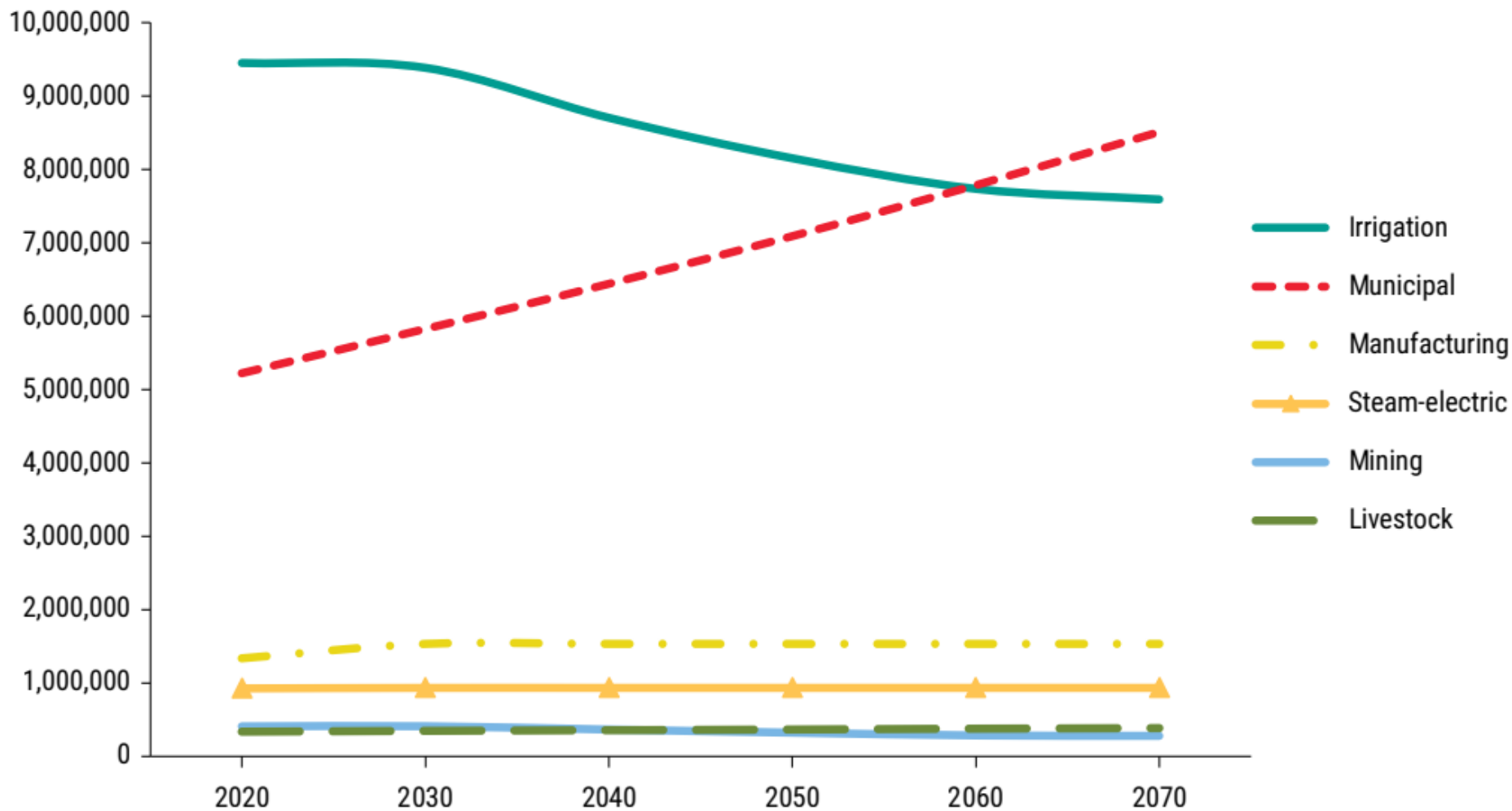
**Historical population change
(2010-2018)**



**Projected population growth
(2020-2070)**



Projected annual water demand by water use category (acre-feet)



* Water use categories are presented in the order listed in the legend.

Growth-related challenges to groundwater management

Water Availability Studies for Subdivisions

Model Subdivision Rules

31 Texas Administrative Code Section 364

Texas Water Code Section 35.019

Counties in priority groundwater management area can adopt water availability requirements

Local Government Code Sections 212.0101 and 232.0032

Counties can require groundwater availability certifications with platting applications

Groundwater Availability Certification for Platting

TCEQ Rules

30 Texas Administrative Code Section 230

For subdivisions using GW

Use if required by municipality/county

Form to certify adequate GW available

Provide copies to TWDB and applicable GCD

What's required? Is it sufficient?

Limitations of districts and counties

**What can districts and
counties do?**



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