

REGION F WATER PLANNING GROUP

July 19, 2018



EXISTING SURFACE WATER SUPPLIES

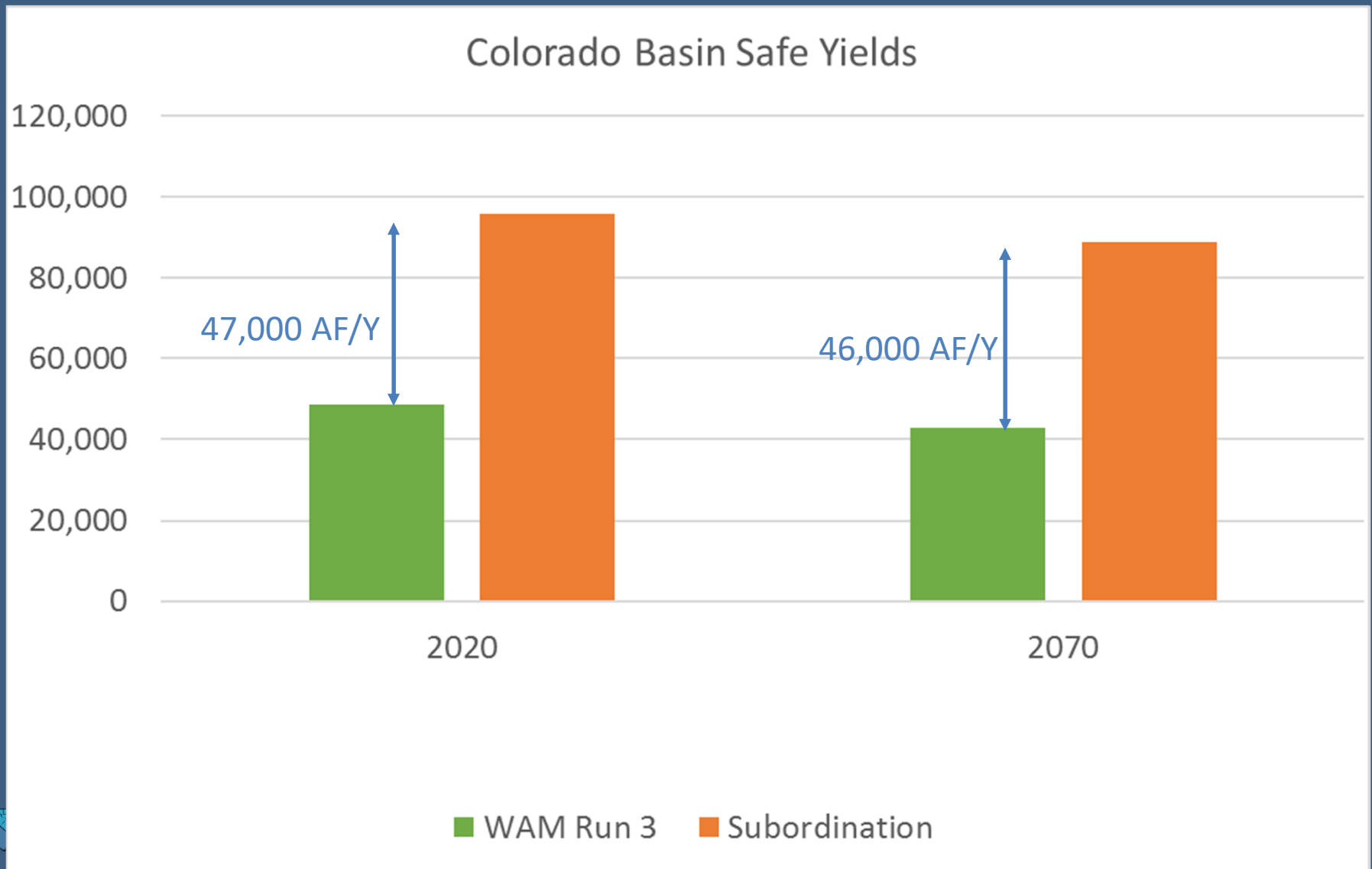


Subordination

- Major surface water strategy in Region F
- Lower Colorado Basin (Region K) is subordinated to the Upper Colorado Basin (Region F) in the WAM
- Reevaluated for the 2021 Plan as part of the Task 5A authorization
- Uses a more updated version of the WAM
 - Hydrology extended through 2016

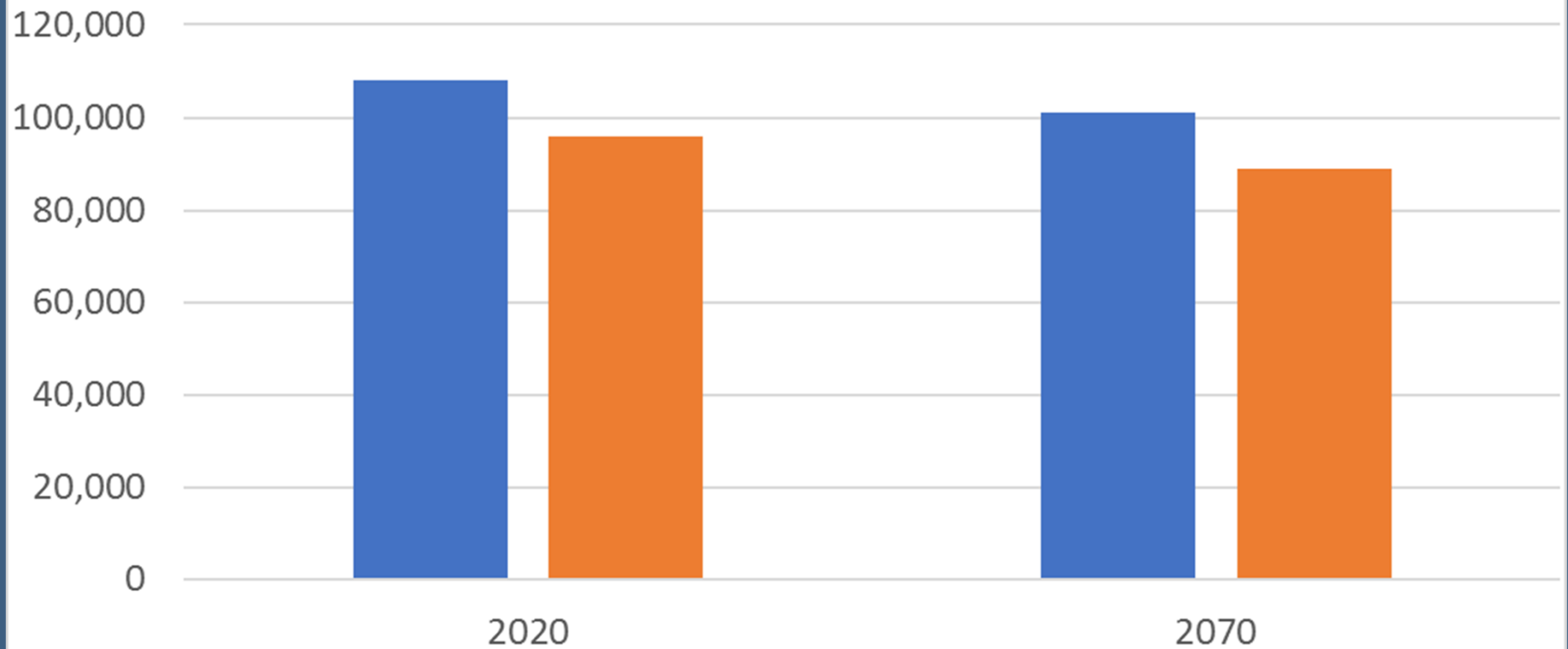


Subordination Strategy



Comparison to 2016 Plan

Colorado Basin Subordination Safe Yields

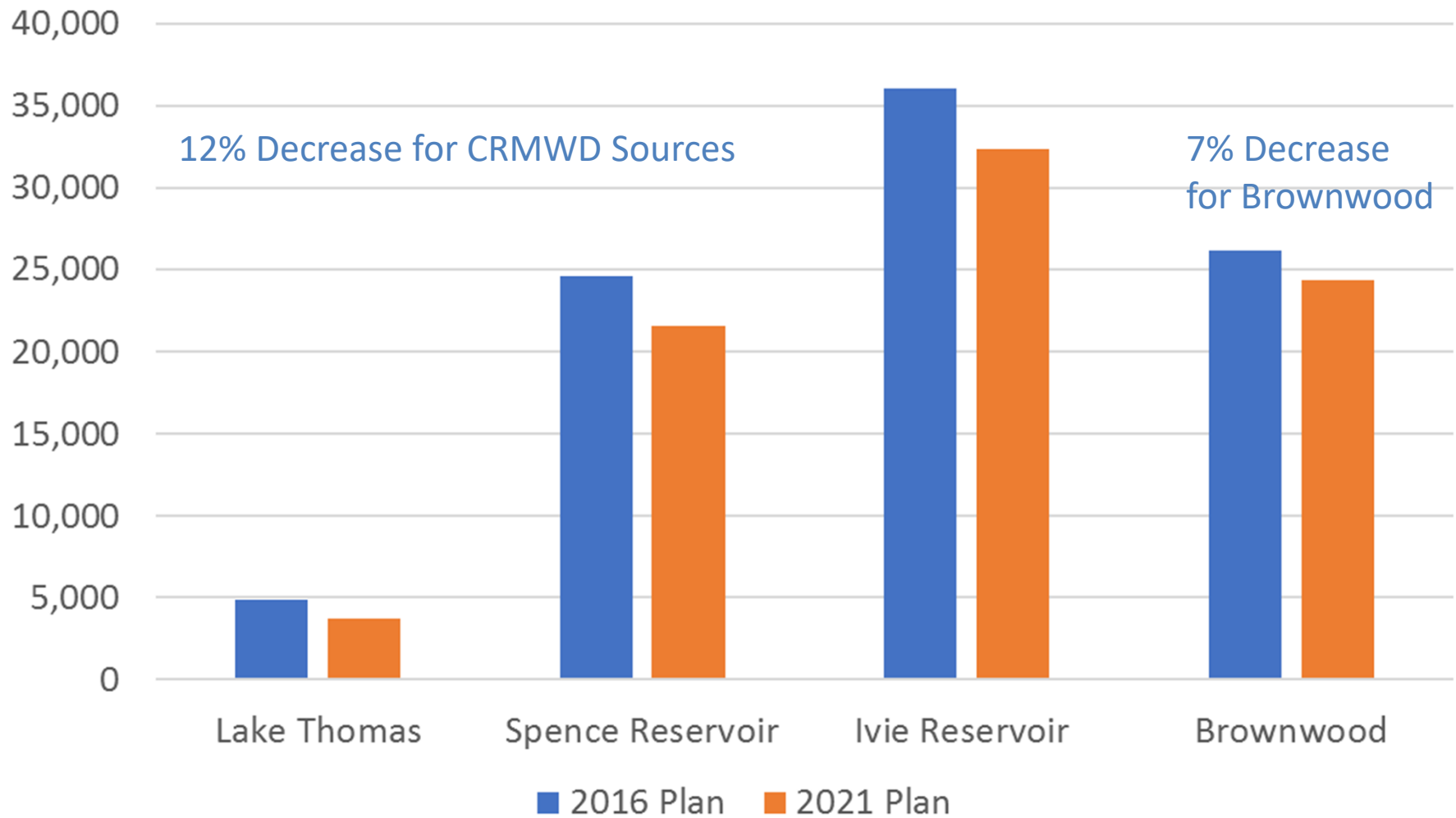


11% Decrease from 2016 Plan to 2021 Plan

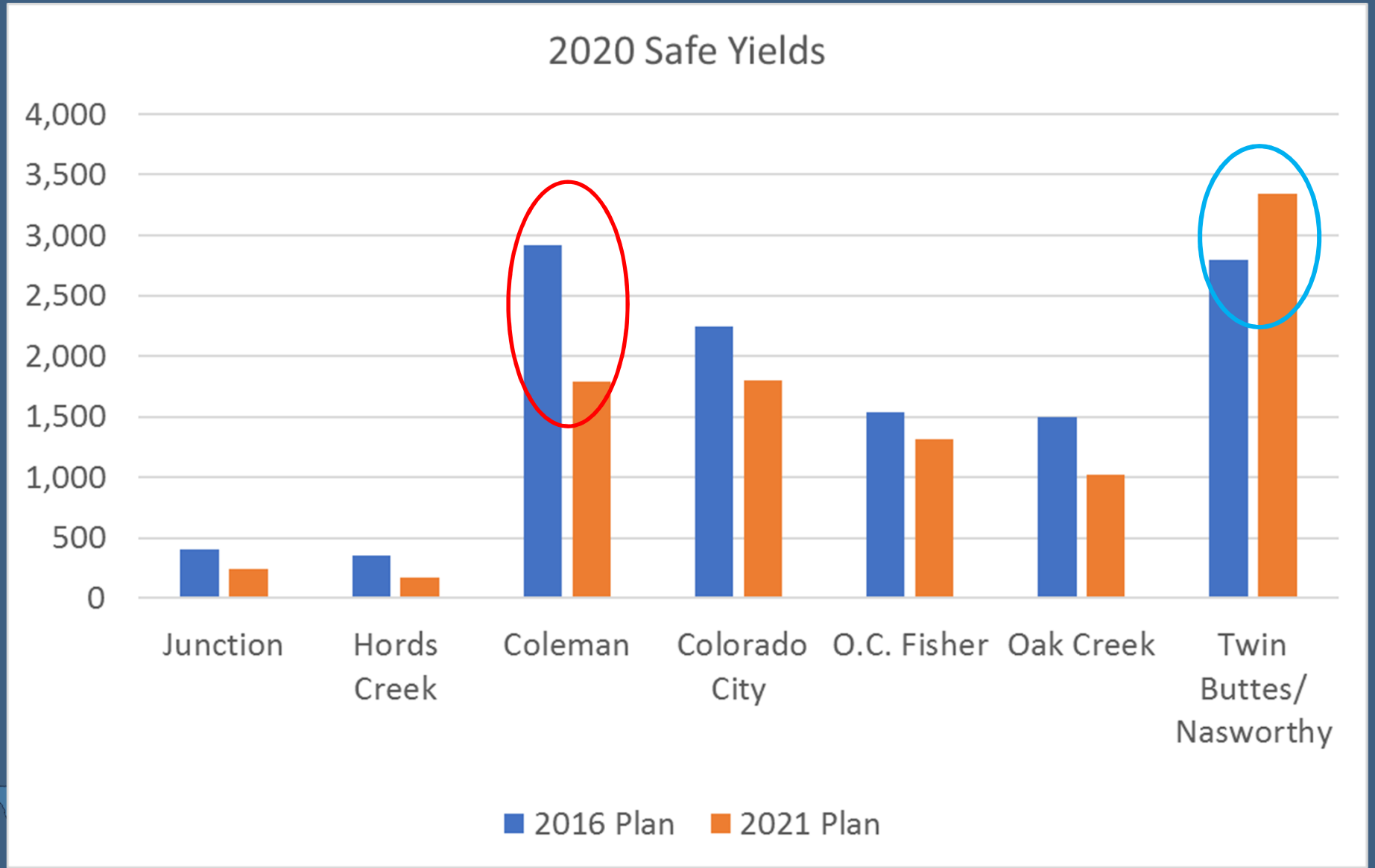
■ 2016 Plan ■ 2021 Plan

CRMWD And Brownwood

2020 Safe Yields



Selected Other Sources



**REVIEW AND CONSIDER ADOPTION OF
HYDROLOGIC VARIANCE REQUEST FOR
SURFACE WATER SUPPLIES**



DRAFT CHAPTER 2

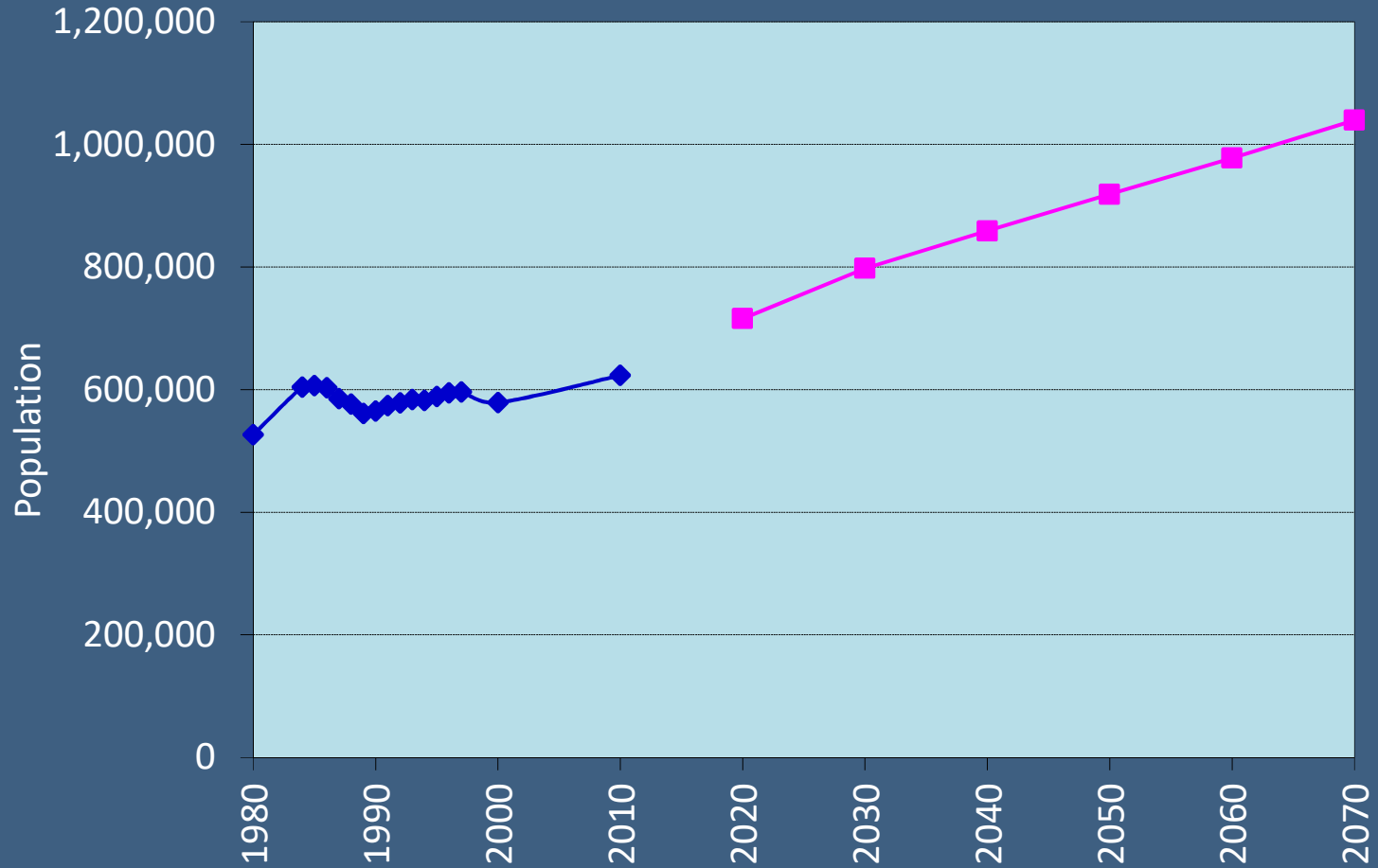


Chapter 2 Content

- Population
- Demands
 - Municipal, Manufacturing, Mining, Steam Electric Power, Irrigation, and Livestock
- Major Water Provider
 - Demands

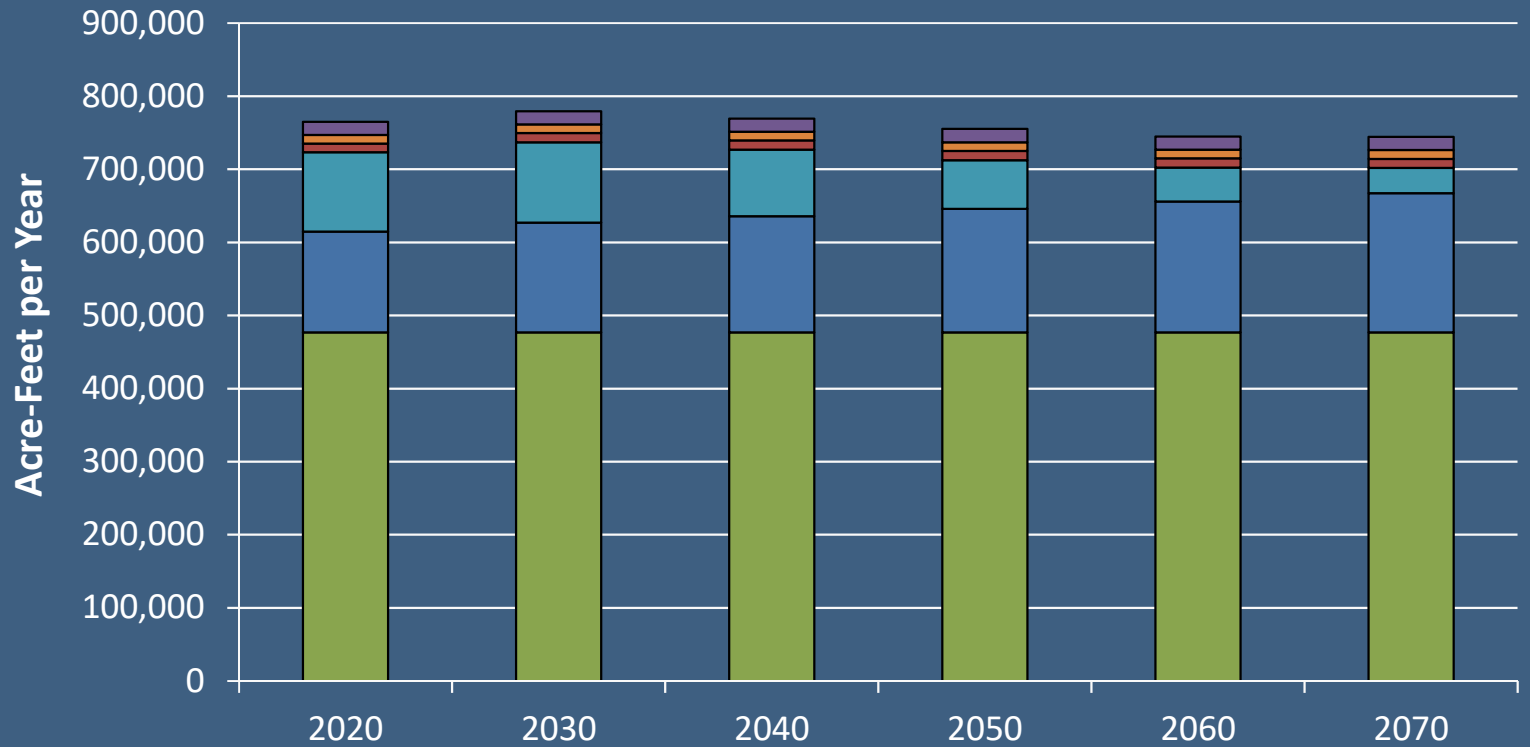


Population



◆ Historical Population ■ Projected Population

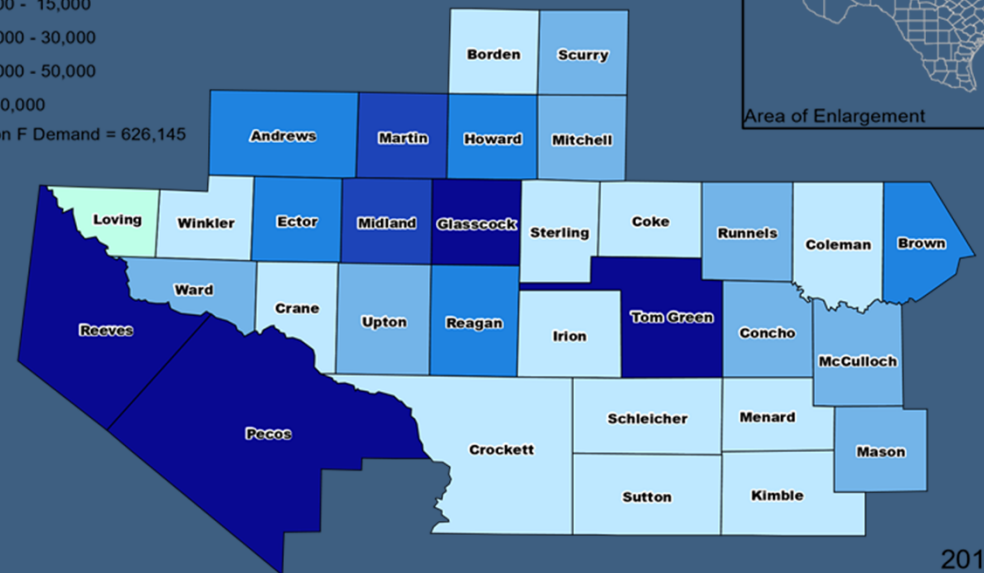
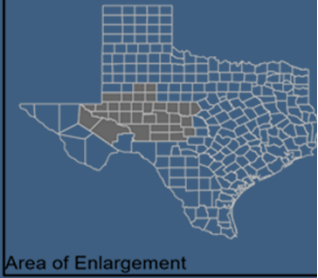
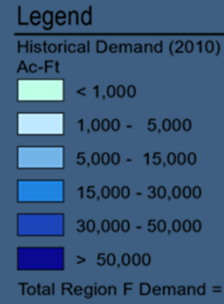
Demands



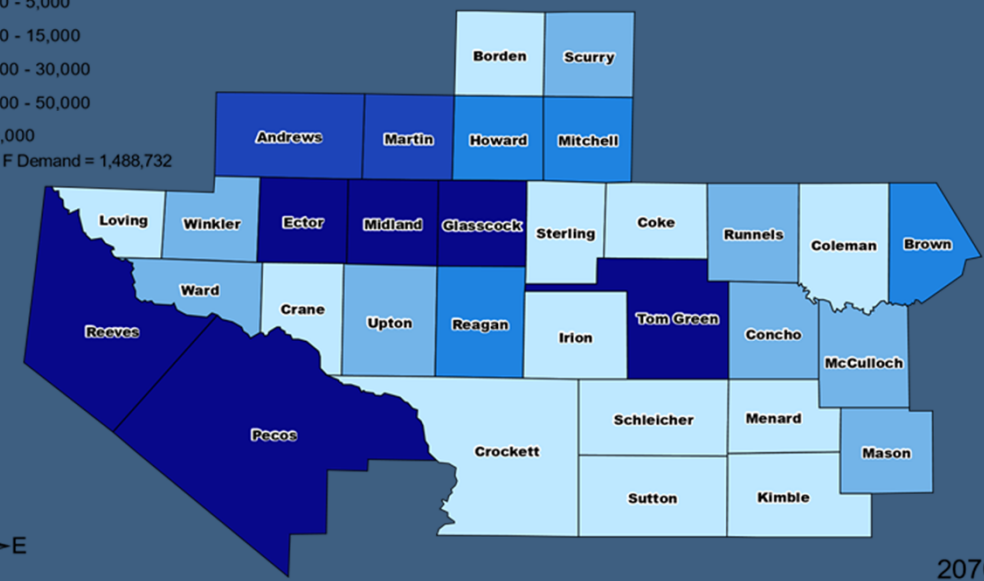
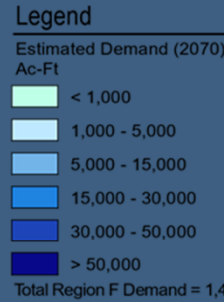
Irrigation Municipal Mining Manufacturing Livestock Steam Electric



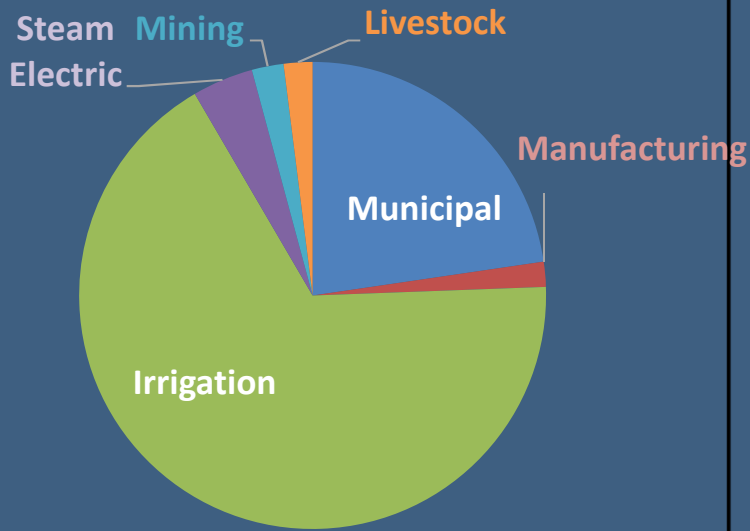
Demands



2010



2070



2070



Major Water Providers

- DRAFT, pending RWPG action
- Preliminary List:
 - CRMWD
 - Odessa
 - Midland
 - San Angelo
 - BCWID
 - Fort Stockton



MAJOR WATER PROVIDERS



WWPs

In the last plan....

- Wholesale Water Providers (WWPs)
- Only “distinction” in the plan
- Had to serve at least 1,000 ac-ft/yr *wholesale*

2021 Plan

- Still have Wholesale Water Providers
- No volumetric limit



2021 Plan WWPs

WWP:

- BCWID #1
- CRMWD
- Fort Stockton
- Great Plains Water System
- Odessa
- San Angelo
- UCRA

Not WWP:

- University Lands



Major Water Provider (MWP)

A water user group or a wholesale water provider of particular significance to the region's water supply *as determined by the regional water planning group.*

MWPs will have summary tables in the Plan. Only purpose is to capture the big picture water supplies of the Region. If an entity is not named a MWP, they will still:

- Be planned for and included in the 2021 Plan
- Be eligible for State Funding

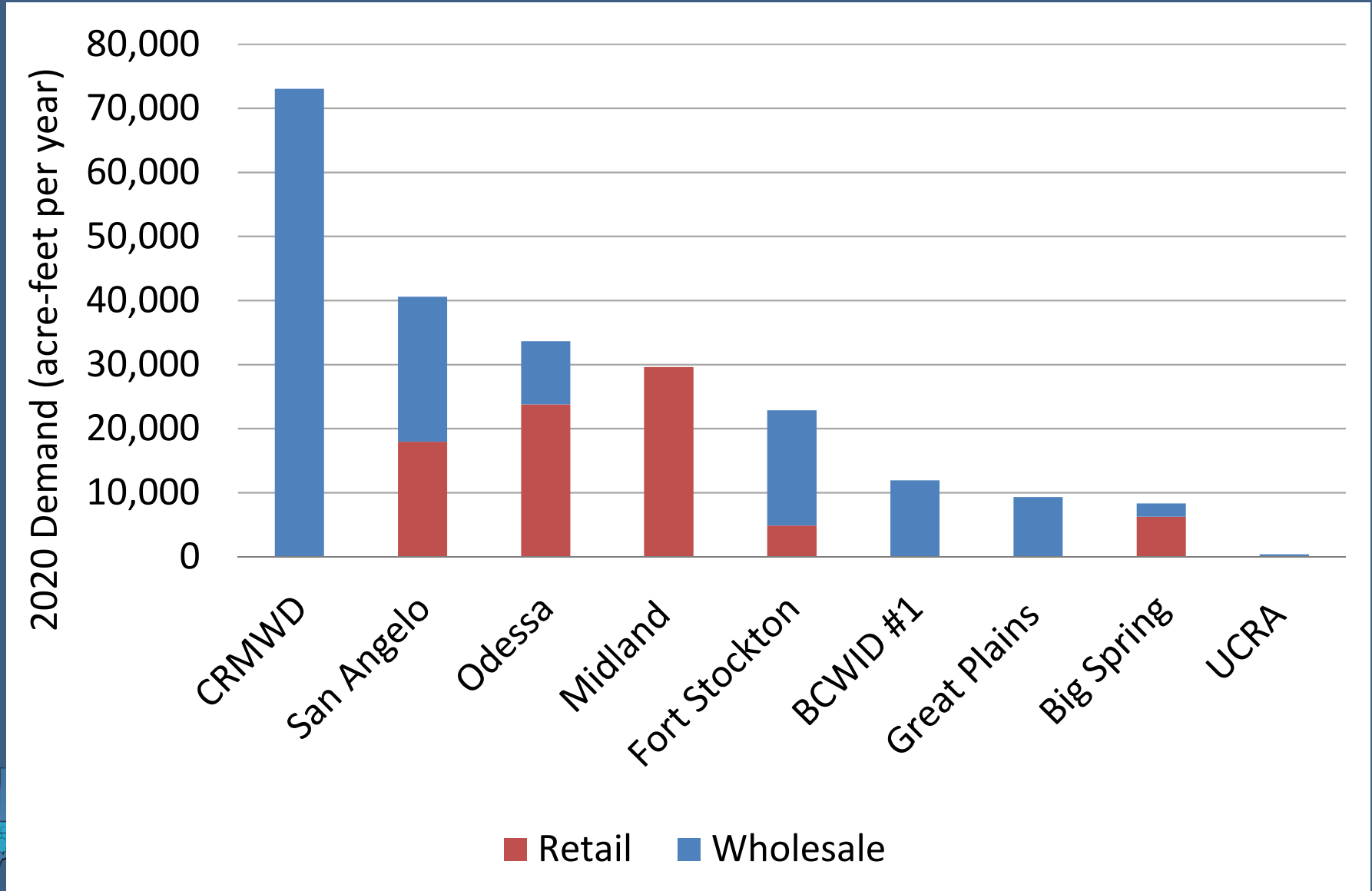


How to Define a MWP?

- Quantity of Demands?
- Regional Area (size of service area)?
- Control of Supplies?
 - (i.e., who is responsible for developing supplies)
- Other?



Total Demands



MWPs: One Possible Definition

- Entity which currently provides significant retail or wholesale water supplies (>10,000 ac-ft/yr) and which will continue to develop new supplies to meet the future needs of those whom they supply.
 - CRMWD
 - San Angelo
 - Odessa
 - Midland
 - Fort Stockton
 - BCWID #1



Questions?

