

WATER FOR TEXAS

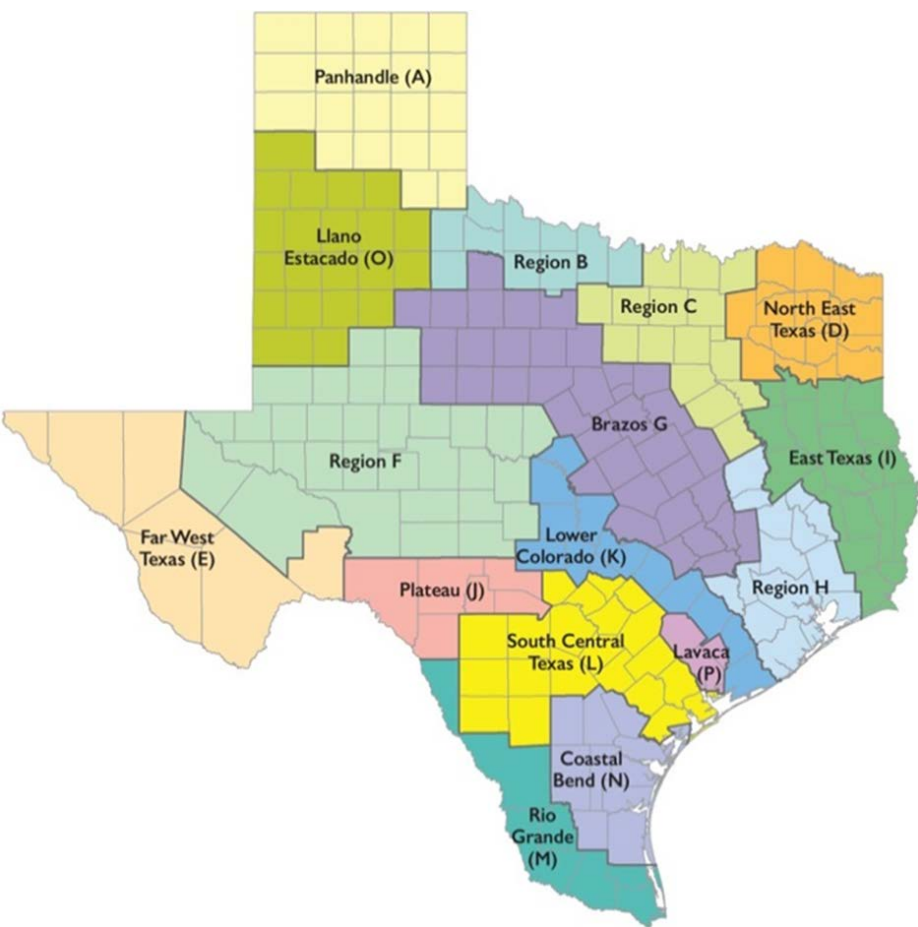
2017 State Water Plan



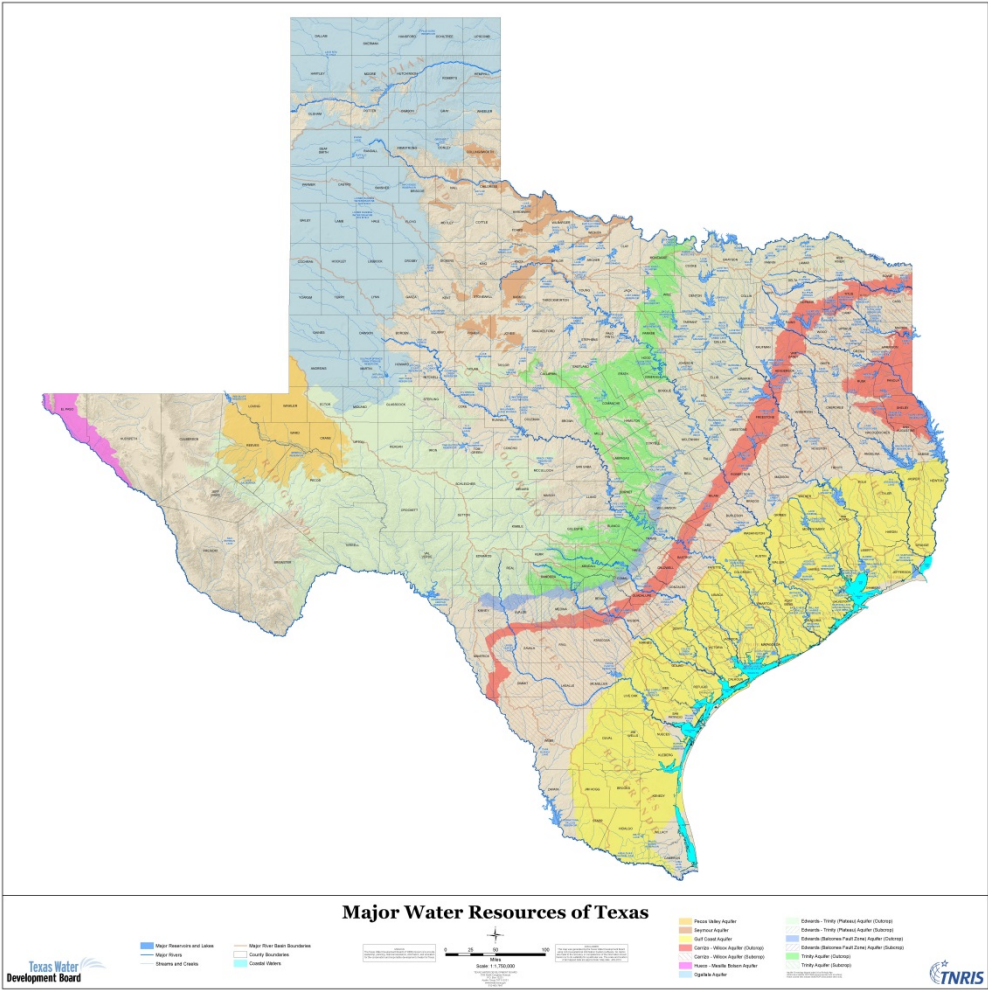
Kathleen Jackson, Director



254 counties



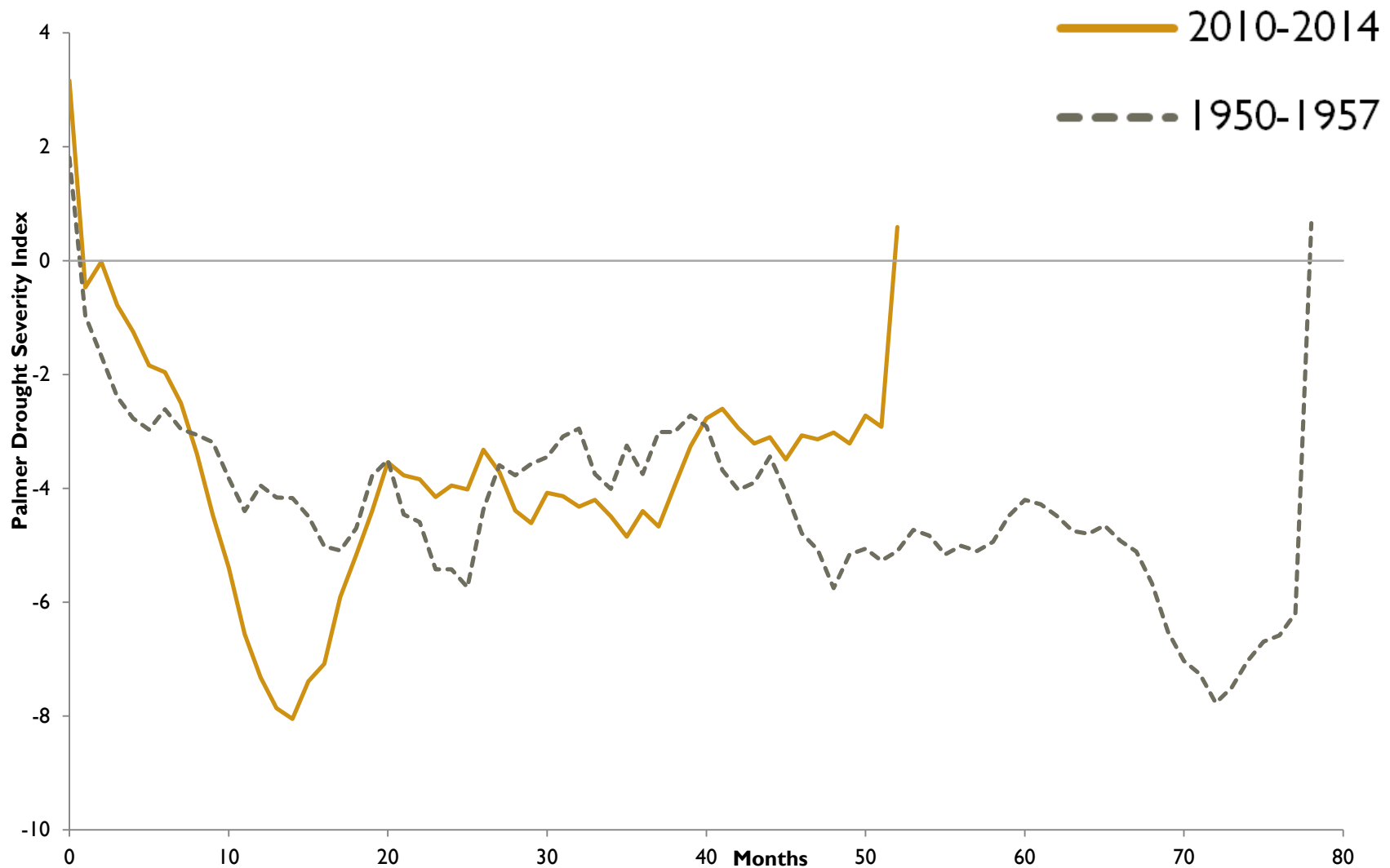
23 river basins



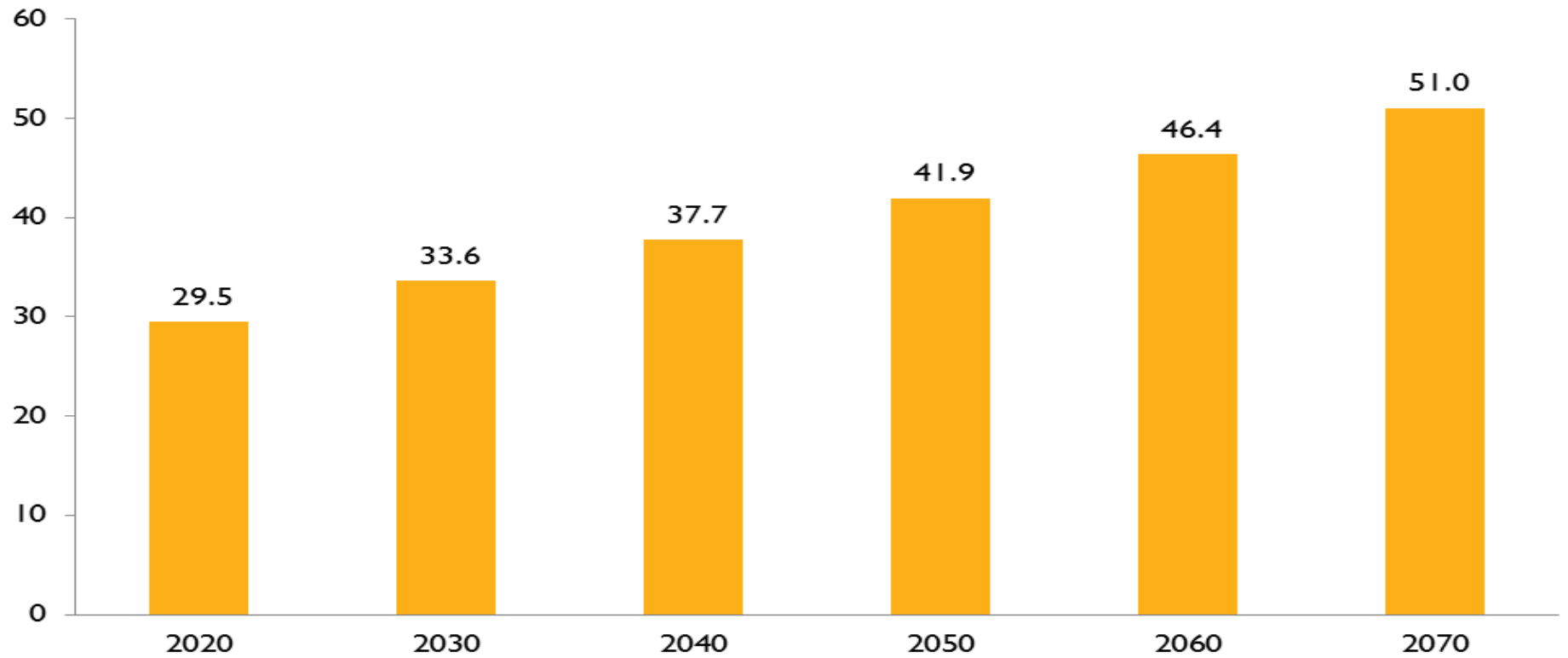
16 water planning areas

30 aquifers

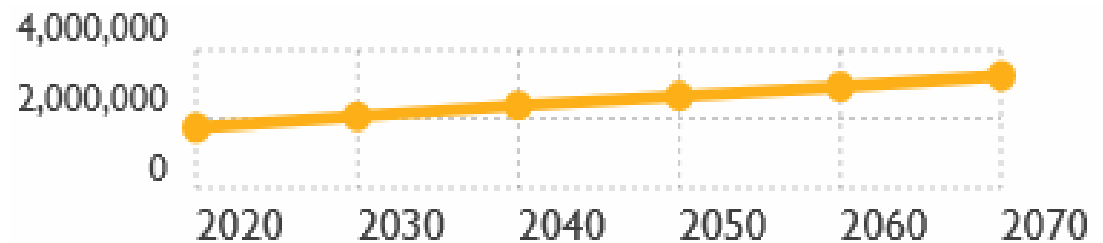
WORST STATEWIDE TEXAS DROUGHTS



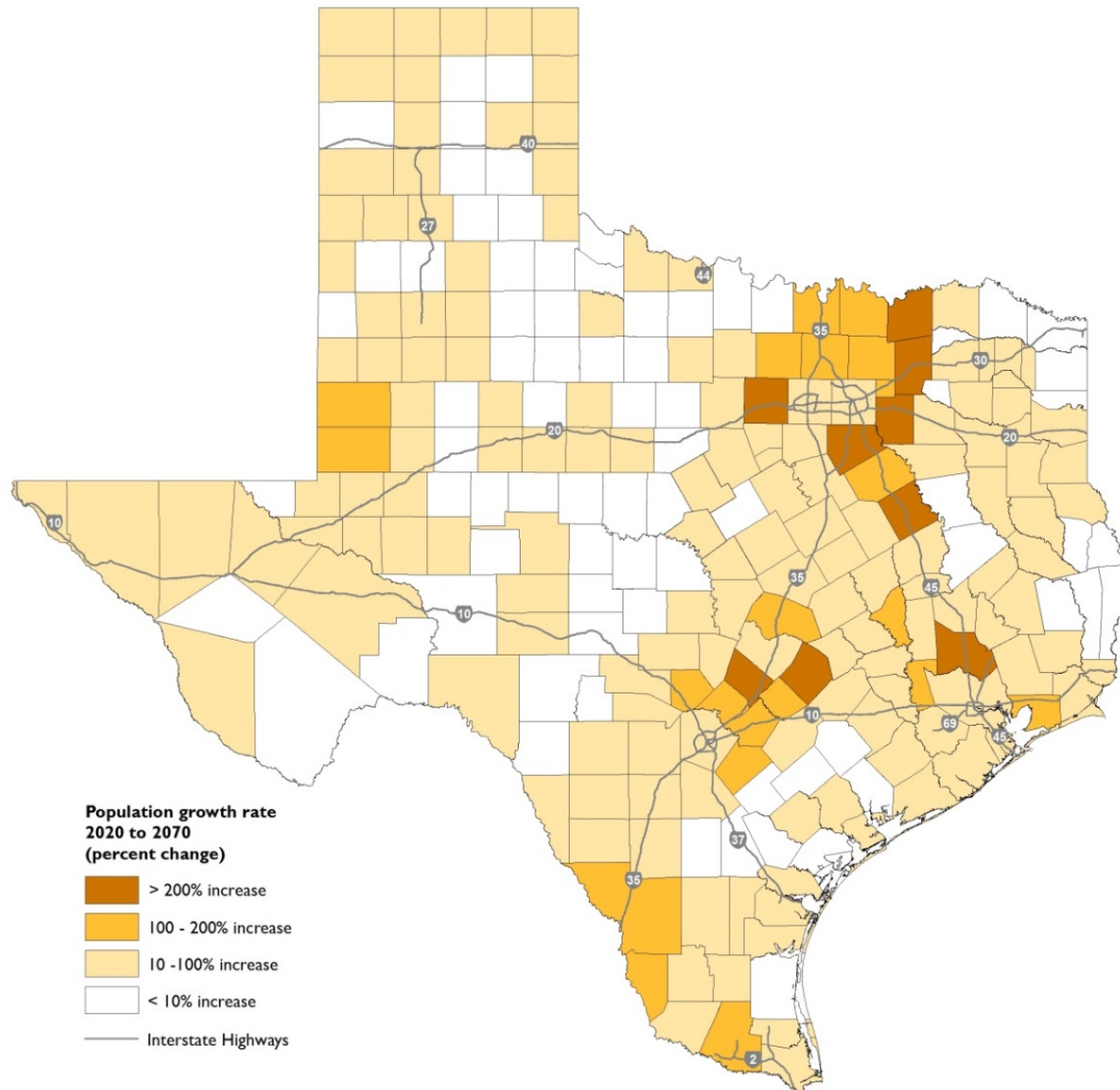
PROJECTED TEXAS POPULATION GROWTH



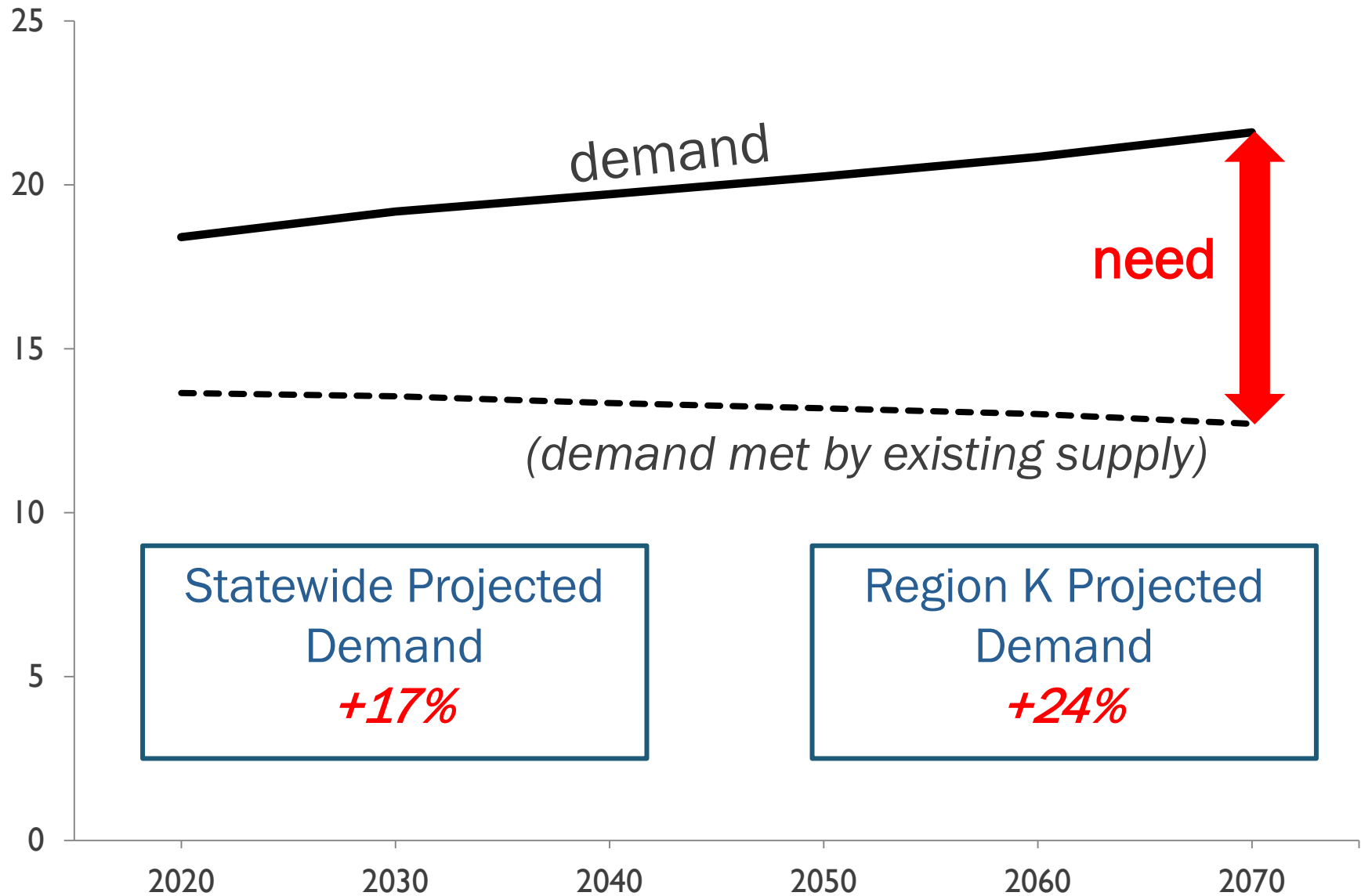
Region K: +87%



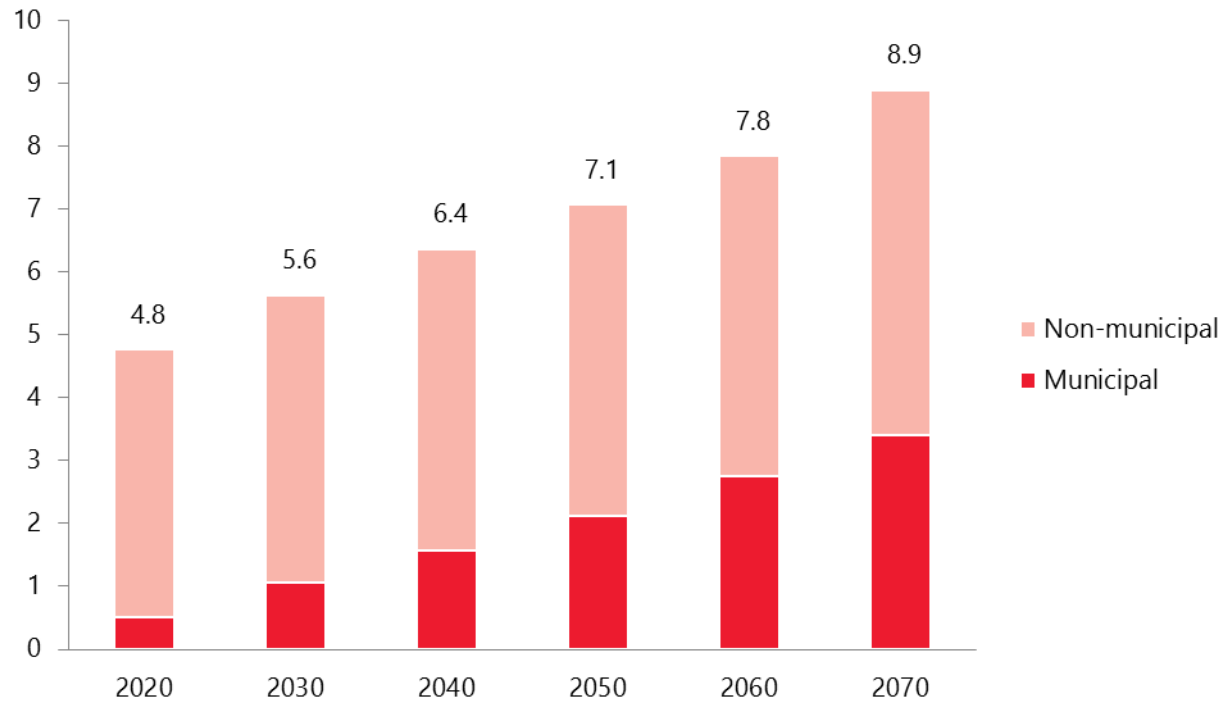
PROJECTED GROWTH RATE IN TEXAS COUNTIES



PROJECTED WATER NEED

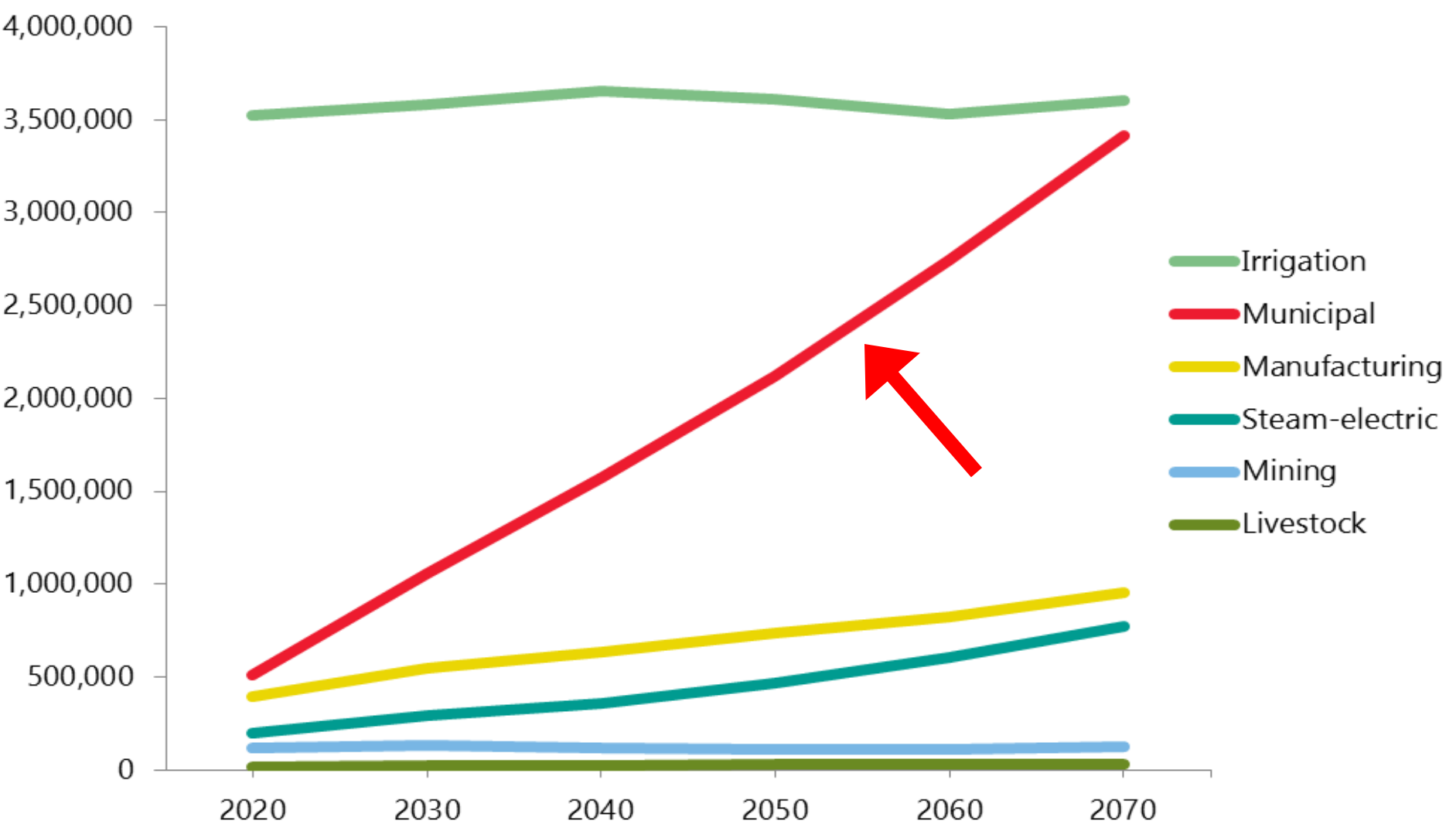


PROJECTED ANNUAL WATER NEEDS IN TEXAS

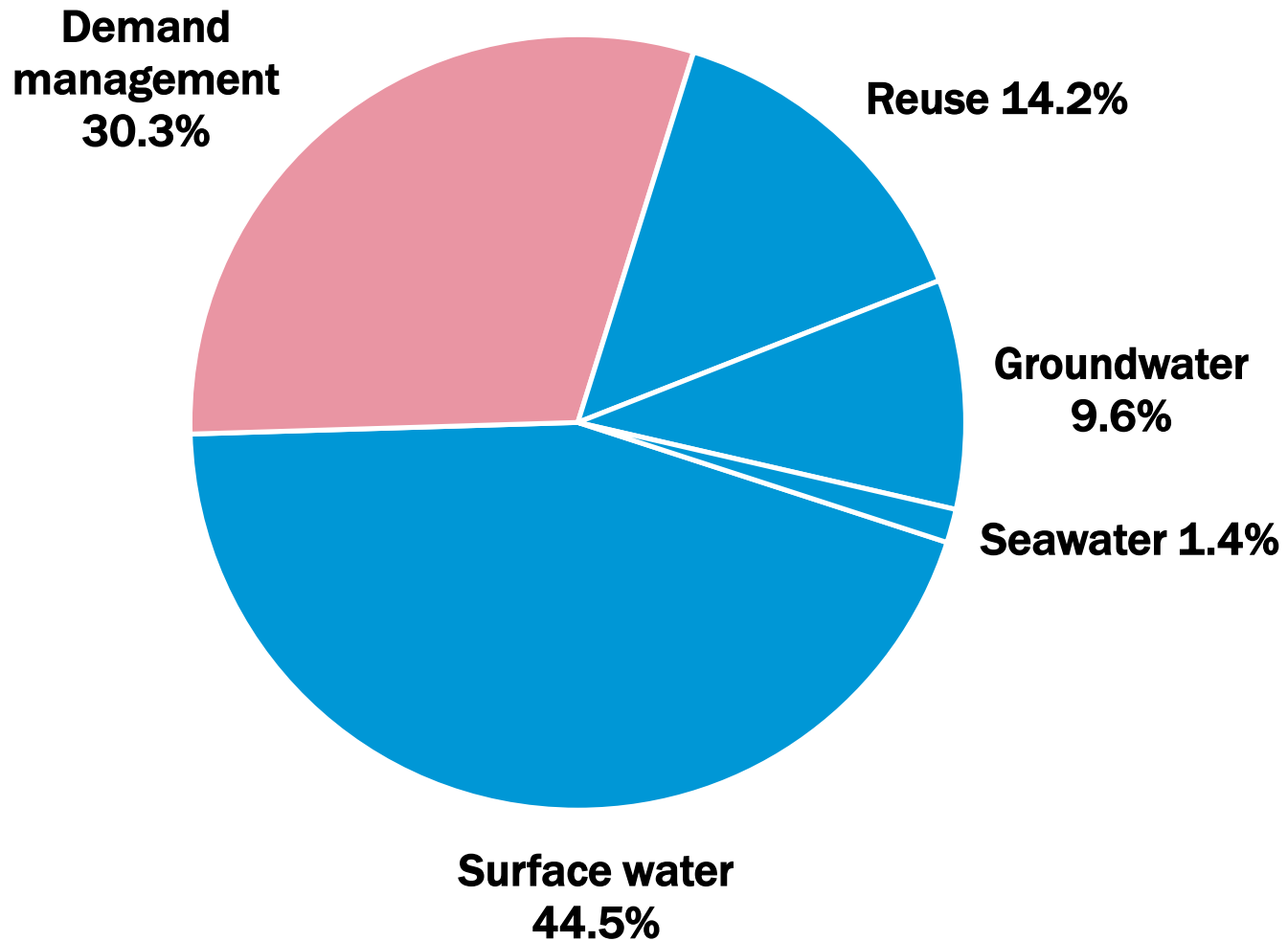




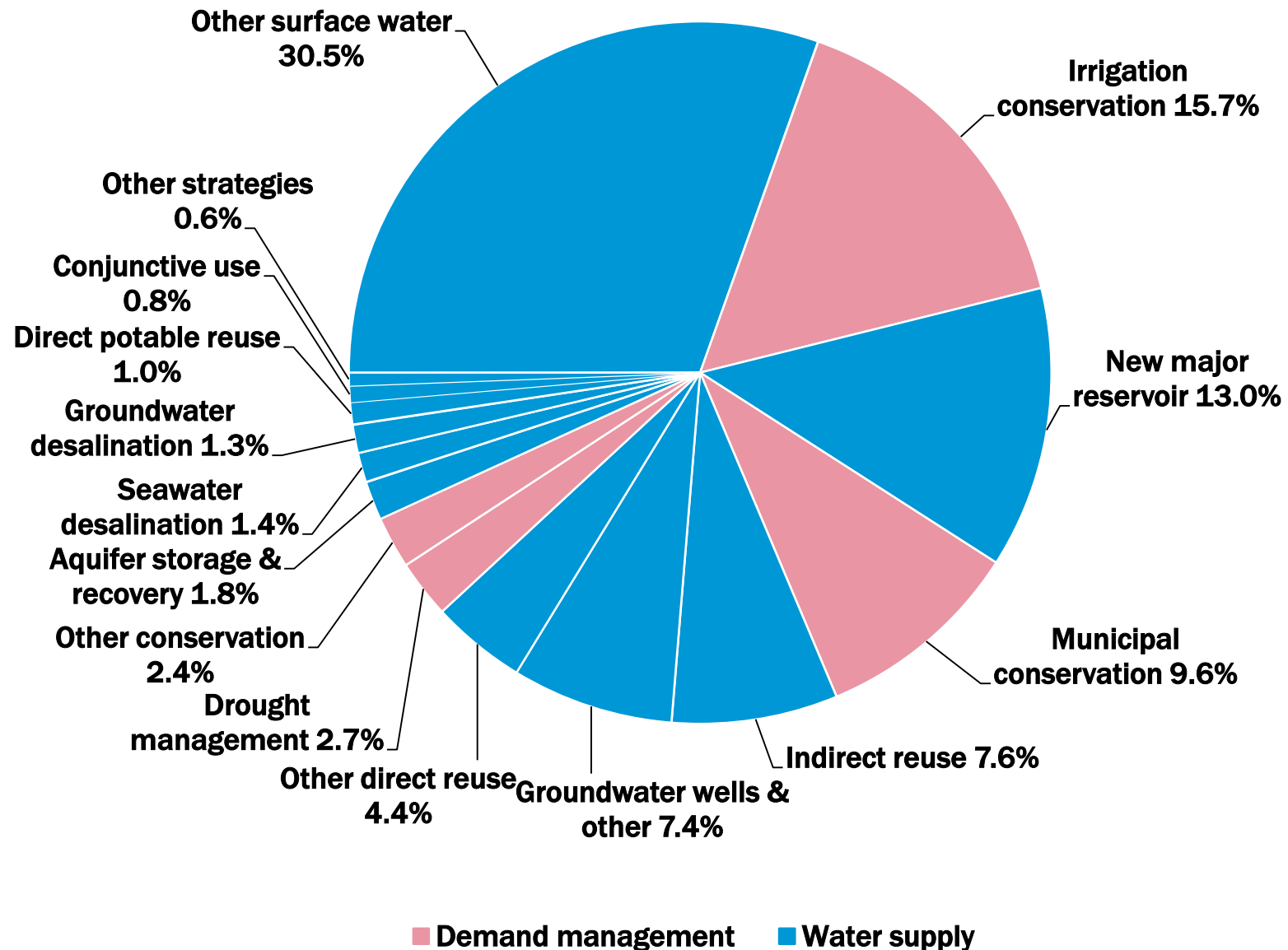
STATE-WIDE WATER NEEDS BY WATER USE CATEGORY



STRATEGIES BY WATER RESOURCE IN 2070



STRATEGIES BY TYPE IN 2070



TOP THREE STRATEGIES

	2020	2070
Statewide	<ul style="list-style-type: none">- <i>Other Surface Water</i>- <i>Irrigation Conservation</i>- Groundwater Wells & Other	<ul style="list-style-type: none">- <i>Other Surface Water</i>- <i>Irrigation Conservation</i>- <i>New Major Reservoir</i>
Region K	<ul style="list-style-type: none">- <i>Drought Management</i>- Other Surface Water- Indirect Reuse	<ul style="list-style-type: none">- <i>Drought Management</i>- <i>Irrigation Conservation</i>- <i>New Major Reservoir</i>

CONSERVATION - 2017 STATE WATER PLAN

- Conservation makes up over one quarter of strategy supplies in 2070
- Most frequently recommended strategy in the 2017 Plan
- More than \$4 billion in capital costs
- Demand management (long-term conservation and temporary drought management restrictions) and reuse combined make up 45% of total strategy volumes.

NOTABLE CHANGES IN STRATEGIES

Conservation

Over 25% of all strategies

Aquifer Storage and Recovery

350% Increase

Direct Potable Reuse

Recommended 7x as much!

TURNING PLANNING INTO PROJECTS

5,500 strategies



2,400 projects



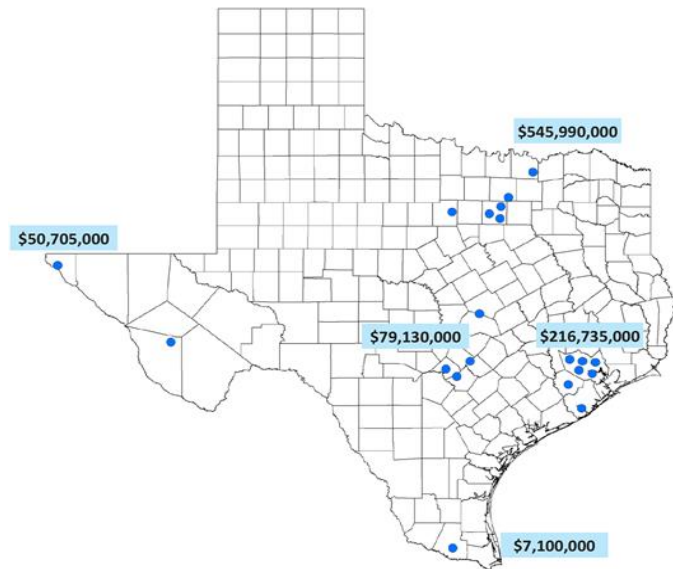
Capital cost of \$63 billion



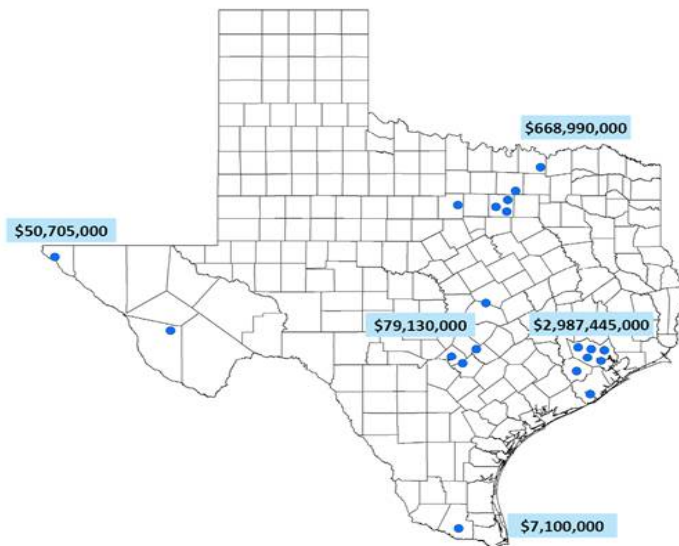
- \$900 million in financial assistance in 2015 (approximately)
- \$3.9 billion in financial assistance over the next decade (approximately)
- 20 project sponsors
- 30 projects
- \$106 million in projected savings
- AAA rating

COMMUNITIES SERVED

2015 SWIRFT Financial Assistance



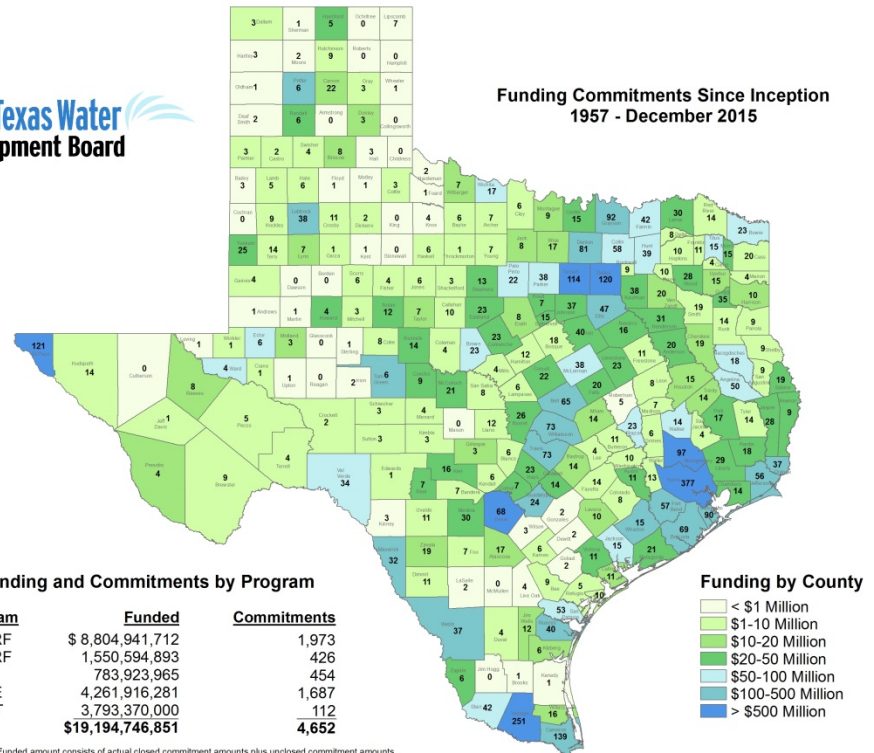
Multi-Year Financial Assistance Request*



Total Funding Commitments* (Loans and Grants) Post-SWIRFT 1957 – December 2015

Texas Water
Development Board

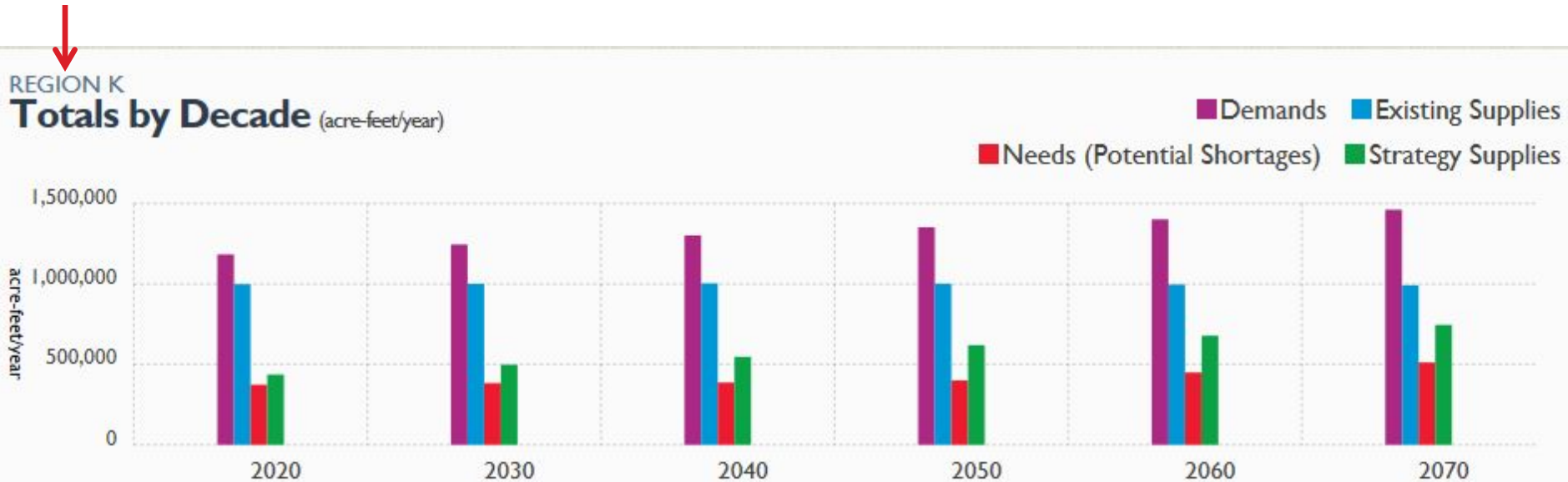
Funding Commitments Since Inception 1957 - December 2015



* Preliminary, subject to change

** Multi-year commitments include the 2015 financial assistance requests

ONLINE 2017 STATE WATER PLAN



	2020	2030	2040	2050	2060	2070
<u>Demands</u>	1,183,325	1,245,335	1,301,963	1,352,231	1,401,321	1,461,807
<u>Existing Supplies</u>	998,867	1,000,960	1,003,758	1,001,689	996,571	991,929
<u>Needs (Potential Shortages)</u>	373,563	383,821	387,321	400,009	449,699	512,304
<u>Strategy Supplies</u>	436,403	498,144	547,398	619,471	678,032	745,284

<http://texasstatewaterplan.org>

EXAMPLES OF PROJECTS REGION K IDENTIFIED TO ADDRESS POTENTIAL NEEDS

REGION K

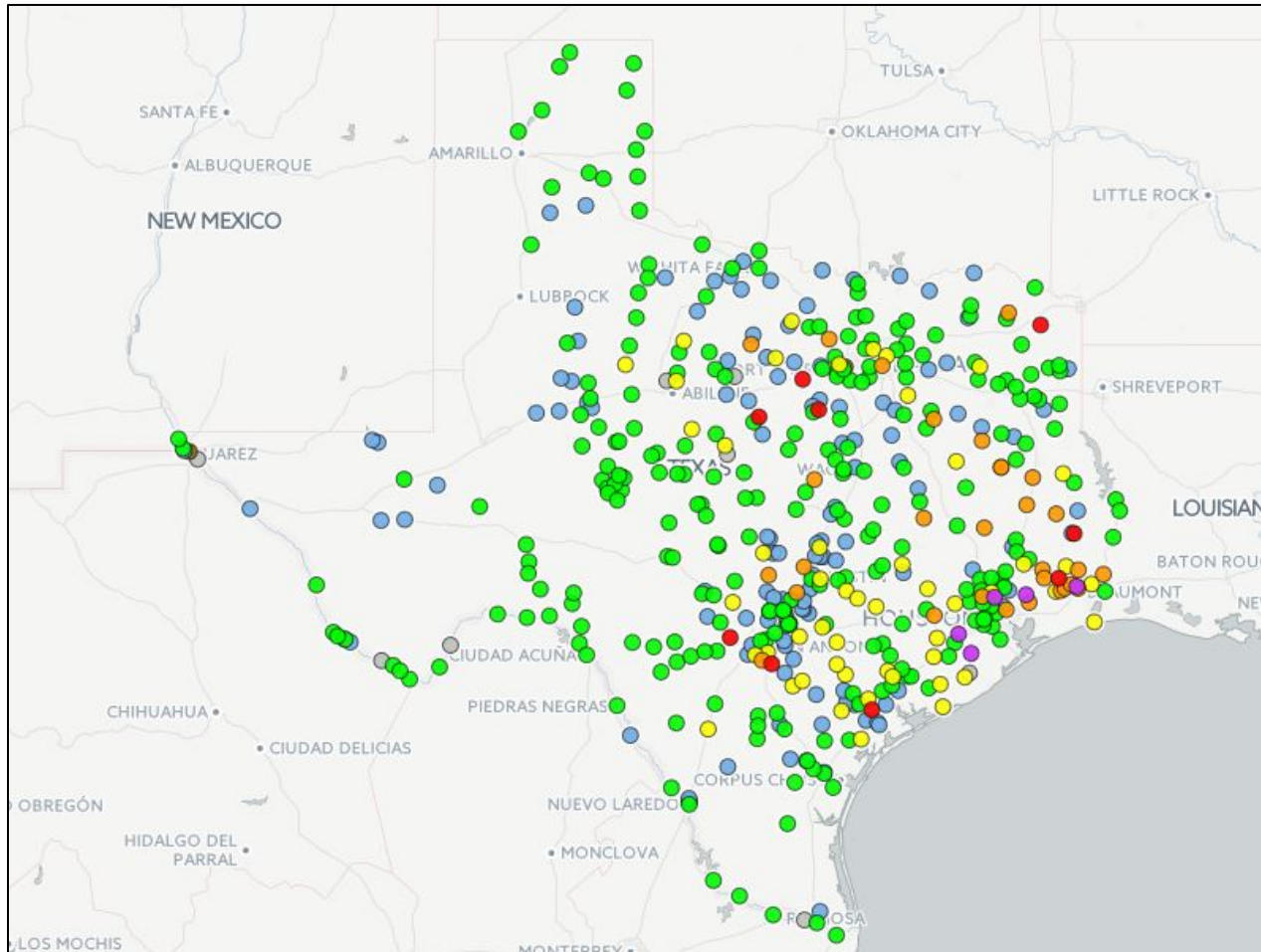
Recommended Projects

Total capital cost of recommended projects: **\$3,772,705,672.**

Type to filter table

Project▲	Decade Online	Sponsor	Capital Cost
ALTERNATE CANAL DELIVERY - STPNOC	2020	STEAM ELECTRIC POWER (MATAGORDA)	\$7,669,000
BRUSH CONTROL	2020	COUNTY-OTHER (BLANCO); COUNTY-OTHER (BURNET); COUNTY-OTHER (GILLESPIE); COUNTY-OTHER (HAYS); COUNTY-OTHER (LLANO); COUNTY-OTHER (MILLS); COUNTY-OTHER (SAN SABA); COUNTY-OTHER (TRAVIS)	\$17,096,000
BS/EACD EDWARDS / MIDDLE TRINITY ASR	2030	BUDA; COUNTY-OTHER (HAYS); MINING (HAYS); MOUNTAIN CITY; SUNSET VALLEY	\$13,000,000
BS/EACD SALINE EDWARDS ASR	2030	BUDA; COUNTY-OTHER (HAYS); CREEDMOOR-MAHA WSC	\$15,000,000
BUENA VISTA REGIONAL PROJECT	2020	BERTRAM; BURNET; COUNTY-OTHER (BURNET)	\$24,990,000
CITY OF AUSTIN - AQUIFER STORAGE AND RECOVERY	2020	AUSTIN	\$312,316,000
CITY OF AUSTIN - CAPTURE LOCAL INFLOWS TO LADY BIRD LAKE	2020	AUSTIN	\$2,949,000
CITY OF AUSTIN - DIRECT REUSE	2020	AUSTIN	\$536,176,000
CITY OF AUSTIN - INDIRECT POTABLE REUSE THROUGH LADY BIRD LAKE	2020	AUSTIN	\$41,970,000

TEXASFLOOD.ORG



SAVE THE DATE!



January 23-25, 2017

**AT&T Conference Center,
Austin, Texas**

Hosted by the TWDB

WaterForTexas.twdb.texas.gov

HOW TO CONTACT ME



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