

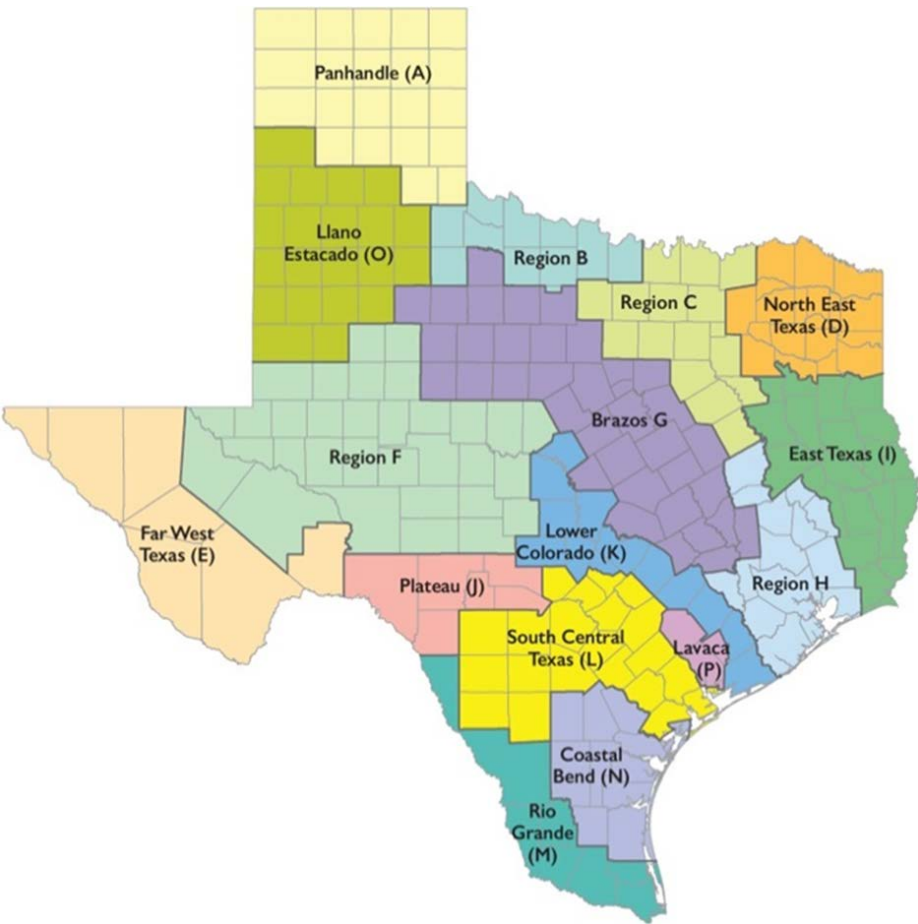
WATER FOR TEXAS

2017 State Water Plan



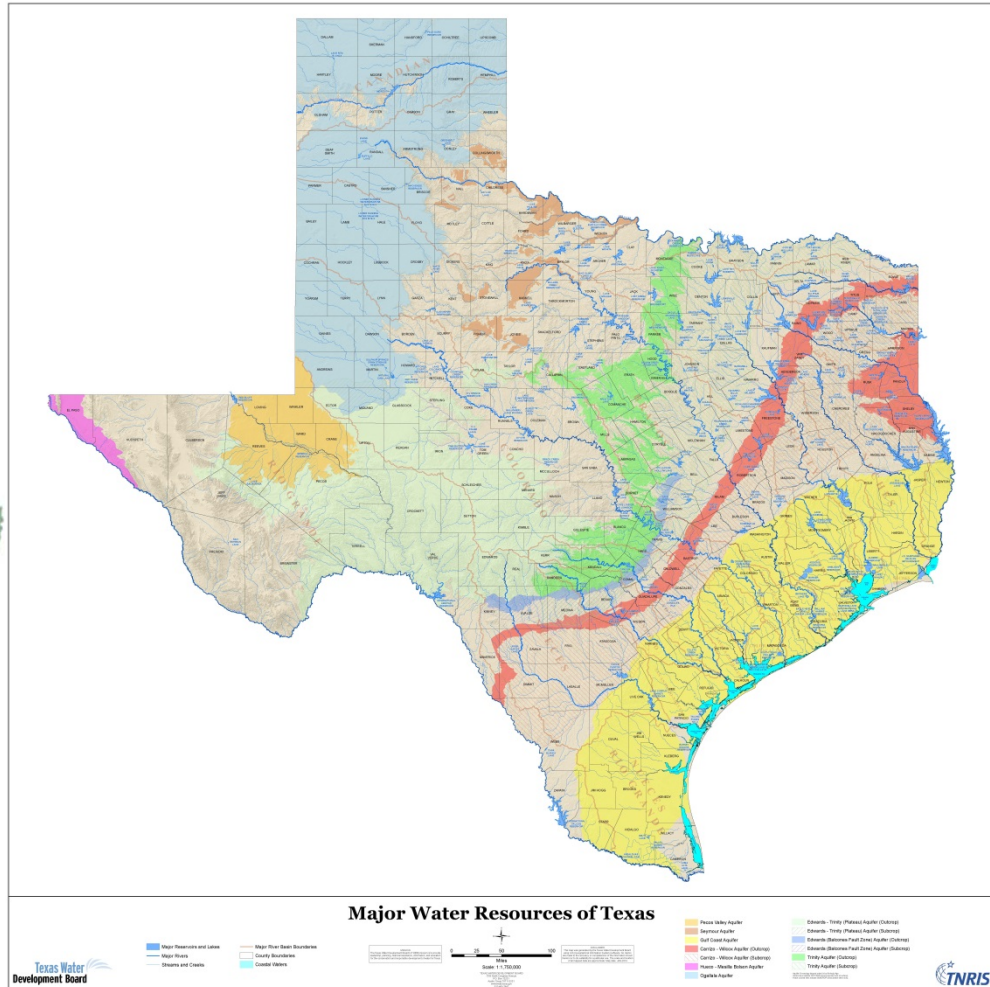
Kathleen Jackson, Director

254 counties



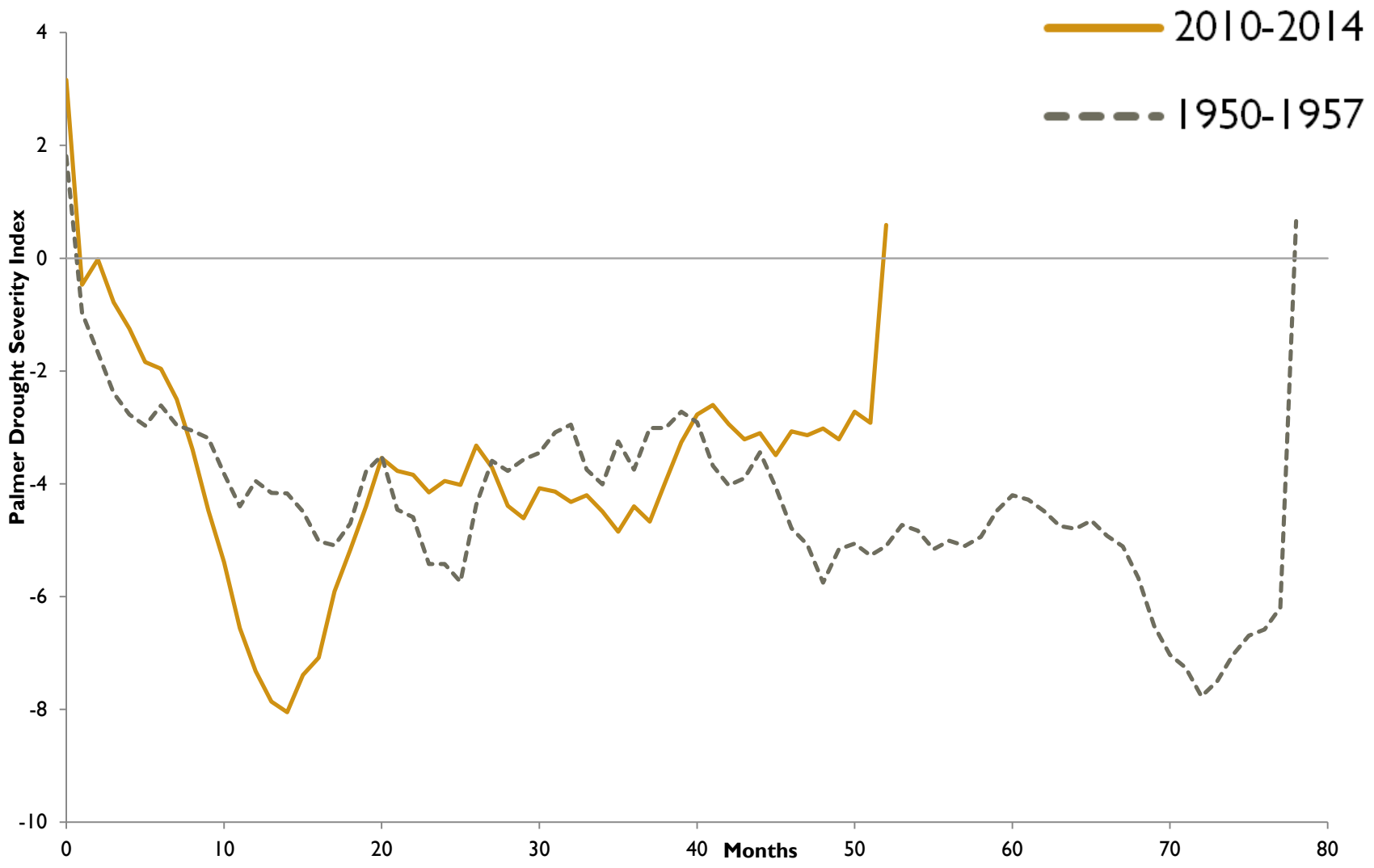
16 water planning areas

23 river basins

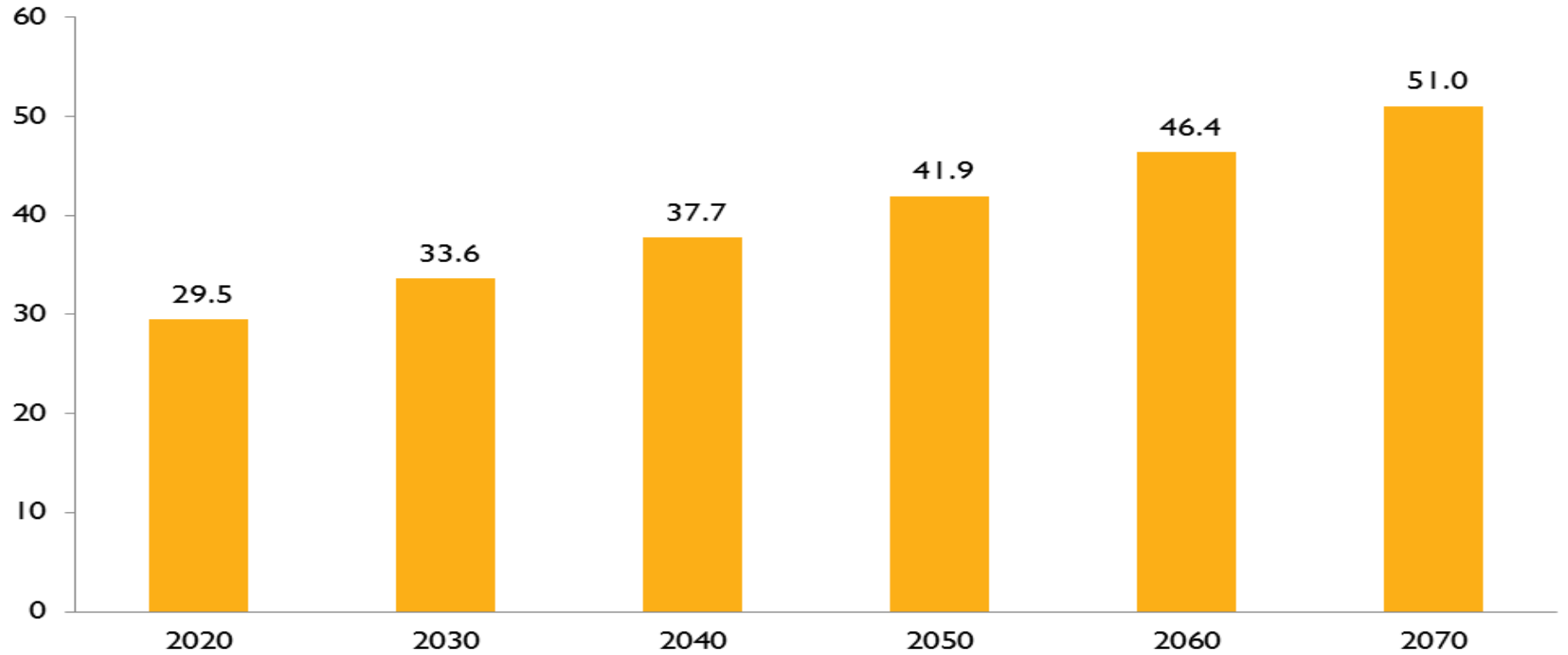


30 aquifers

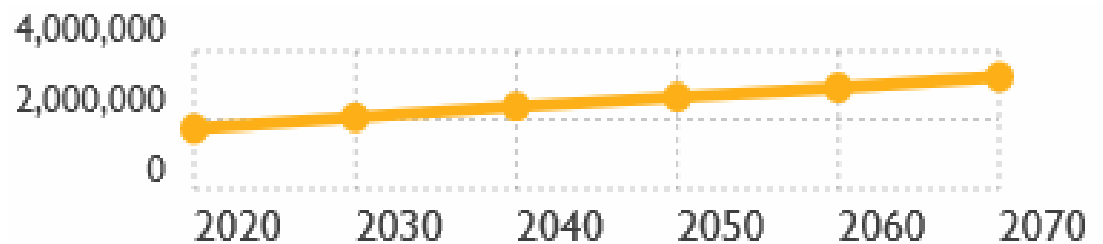
WORST STATEWIDE TEXAS DROUGHTS



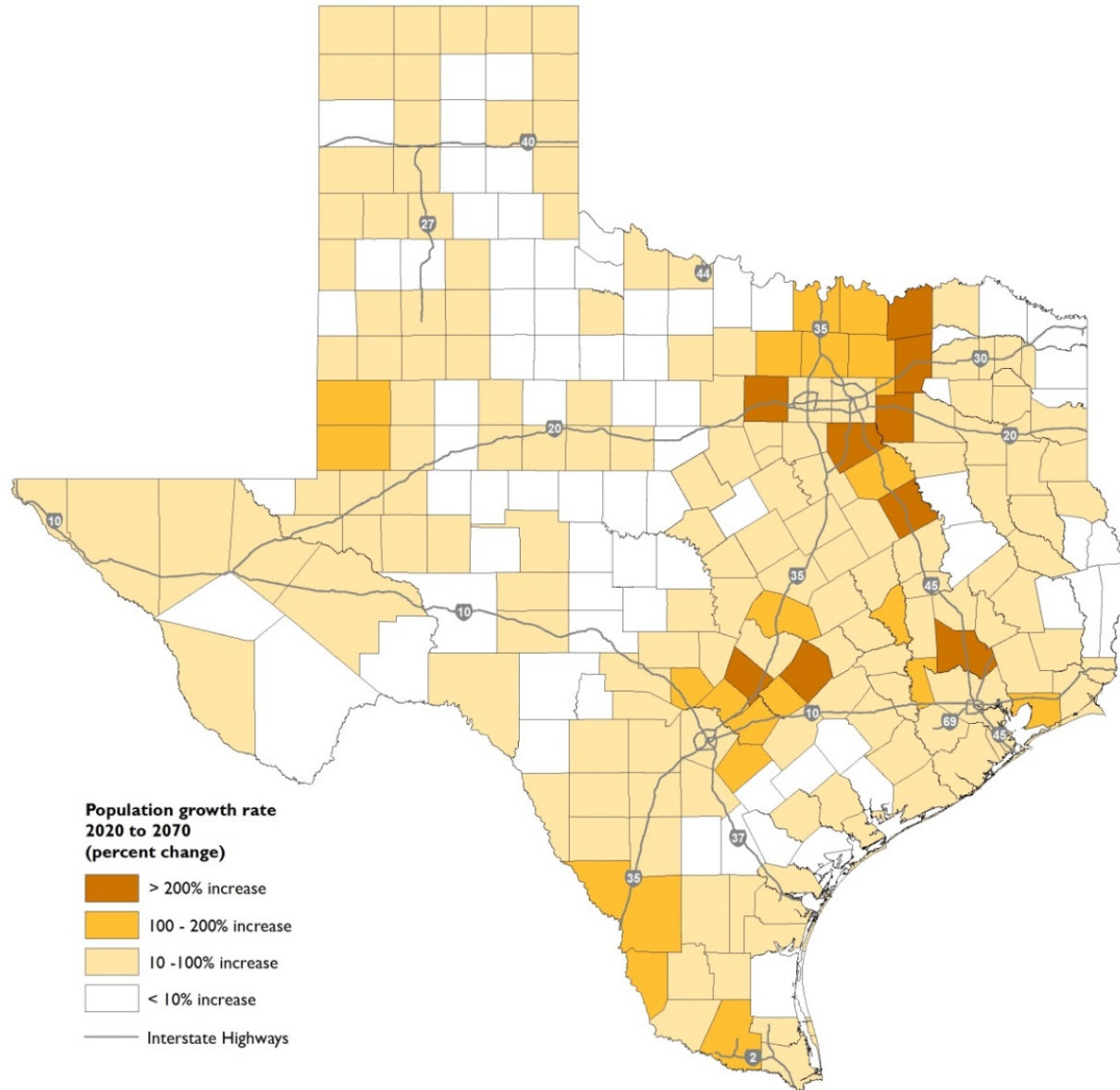
PROJECTED TEXAS POPULATION GROWTH



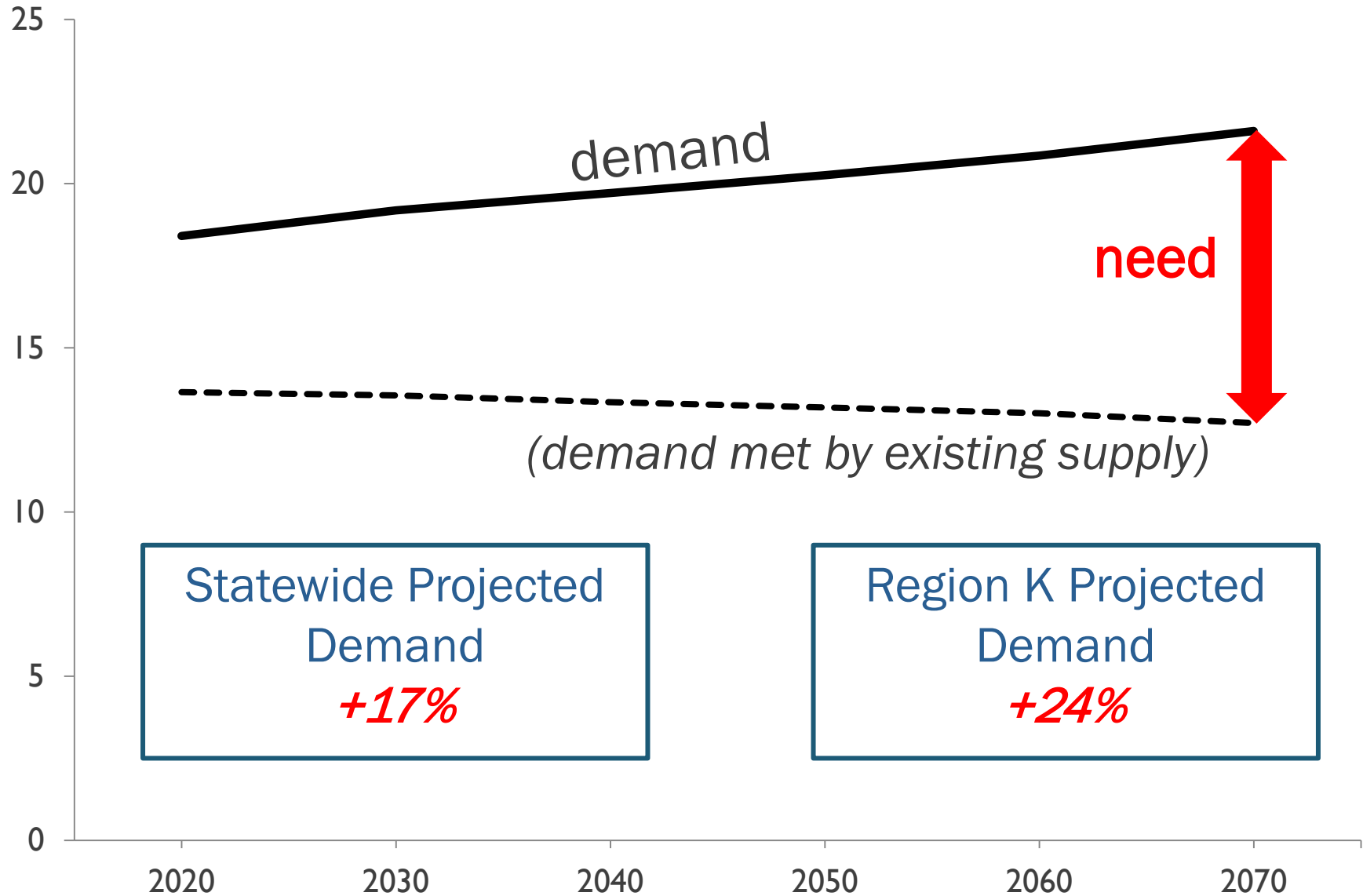
Region K: +87%



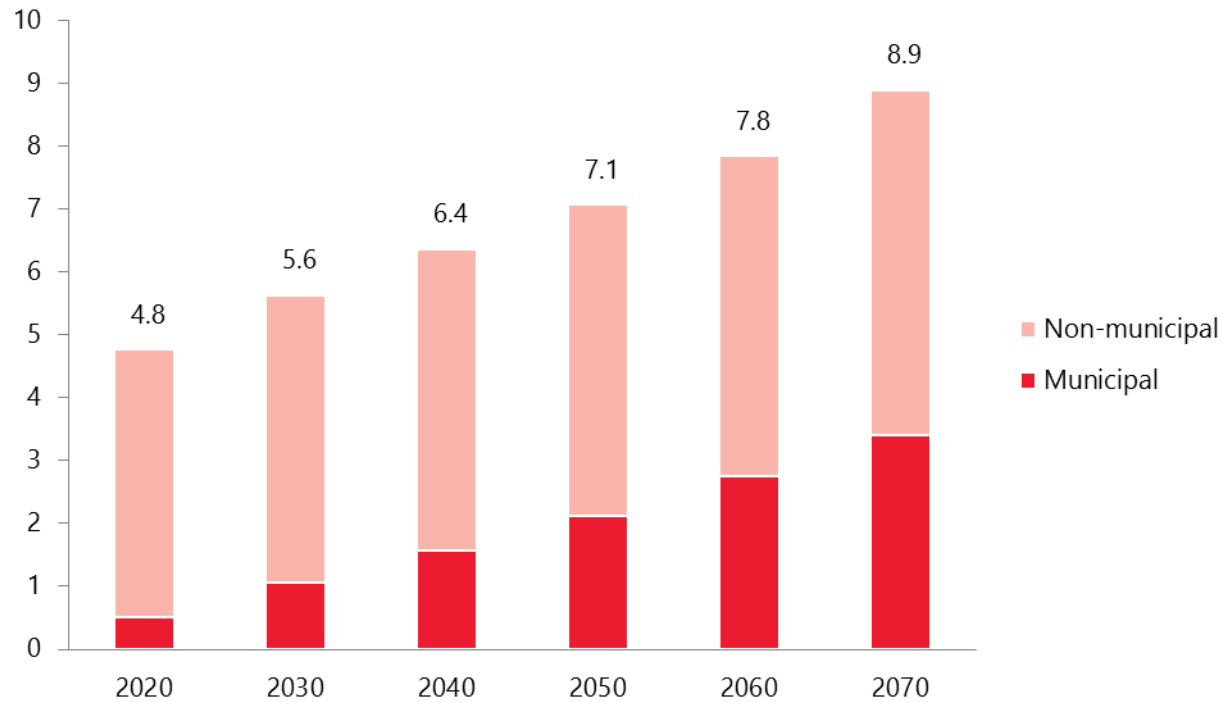
PROJECTED GROWTH RATE IN TEXAS COUNTIES



PROJECTED WATER NEED

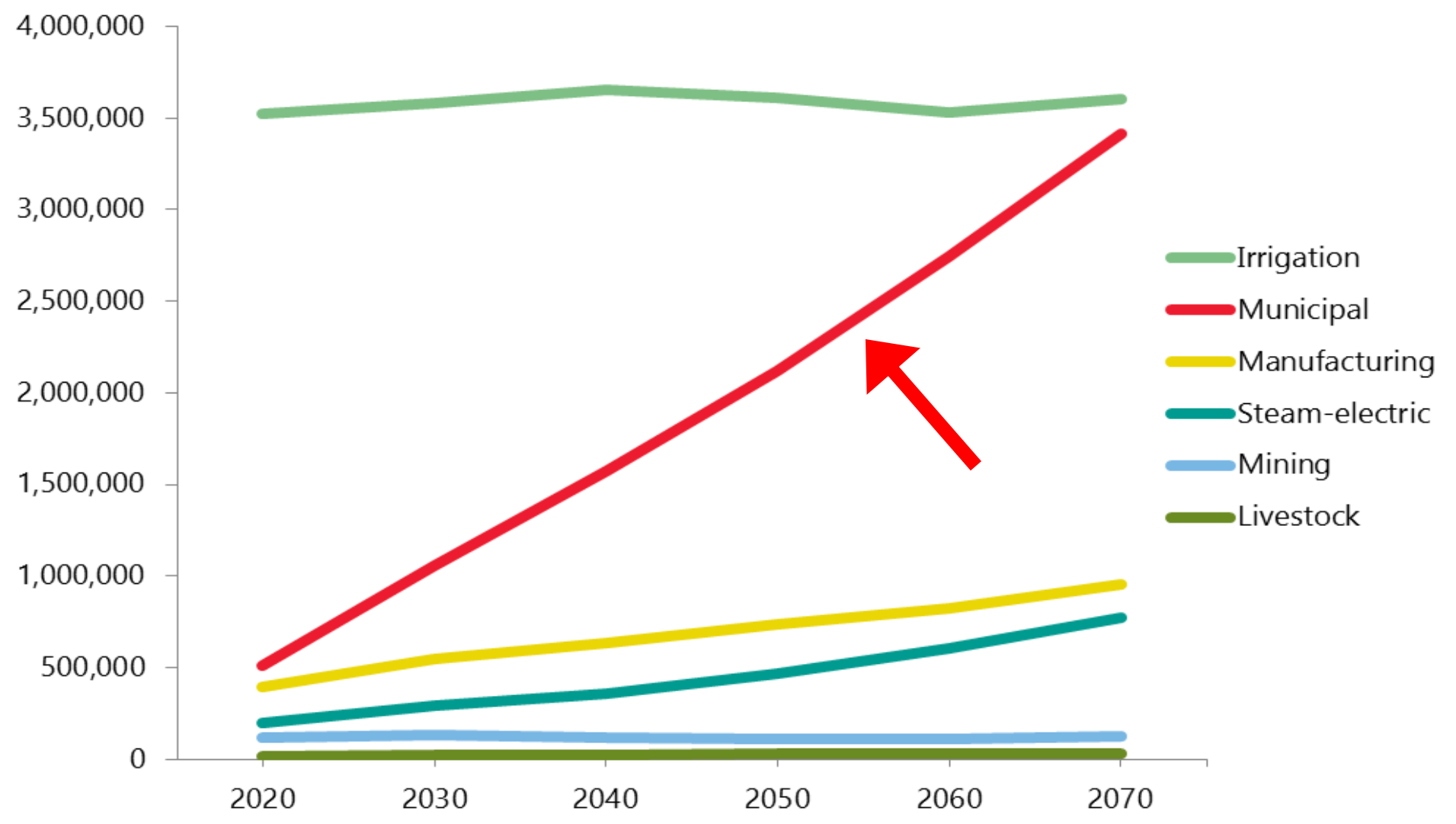


PROJECTED ANNUAL WATER NEEDS IN TEXAS

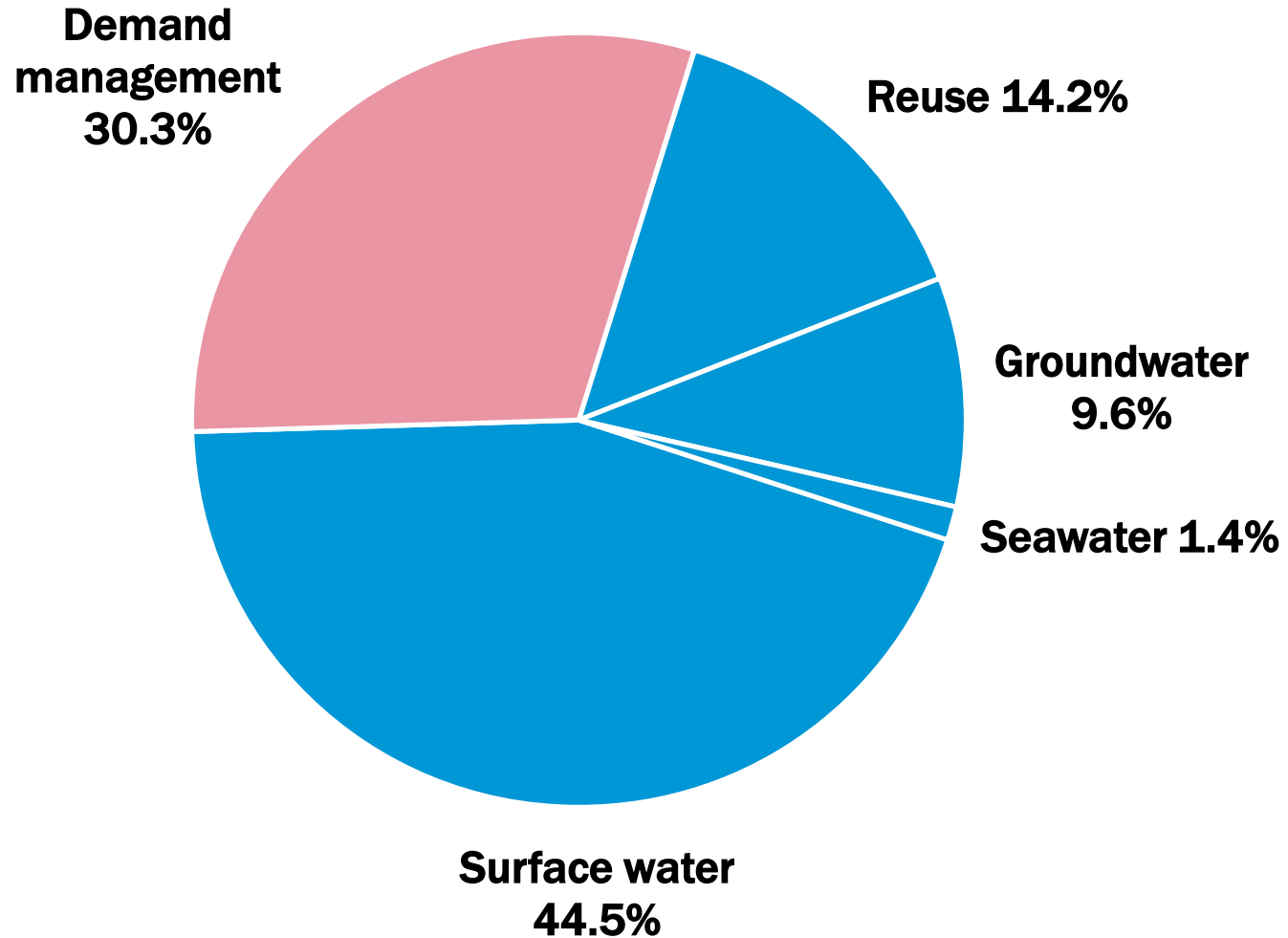




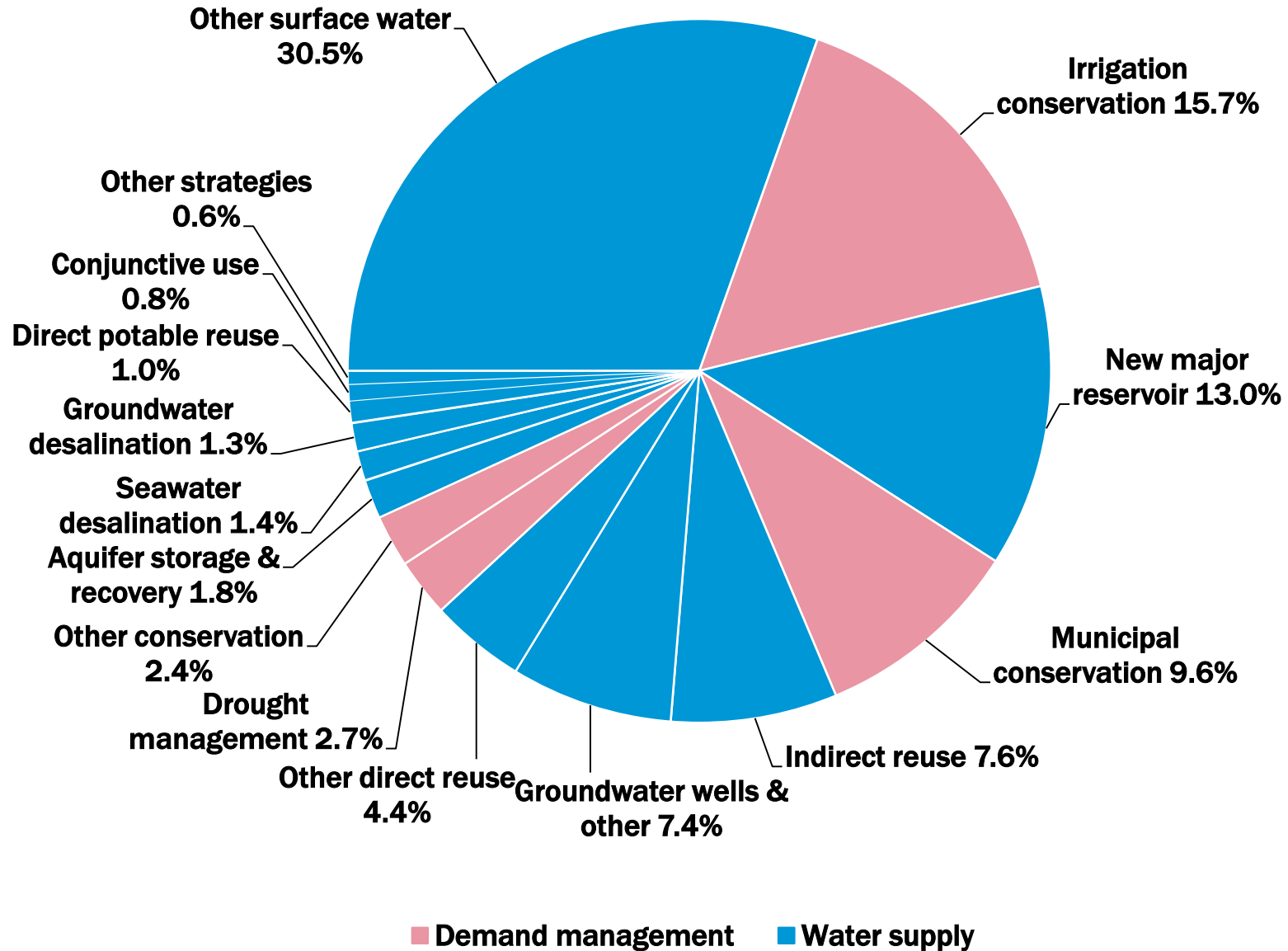
STATE-WIDE WATER NEEDS BY WATER USE CATEGORY



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



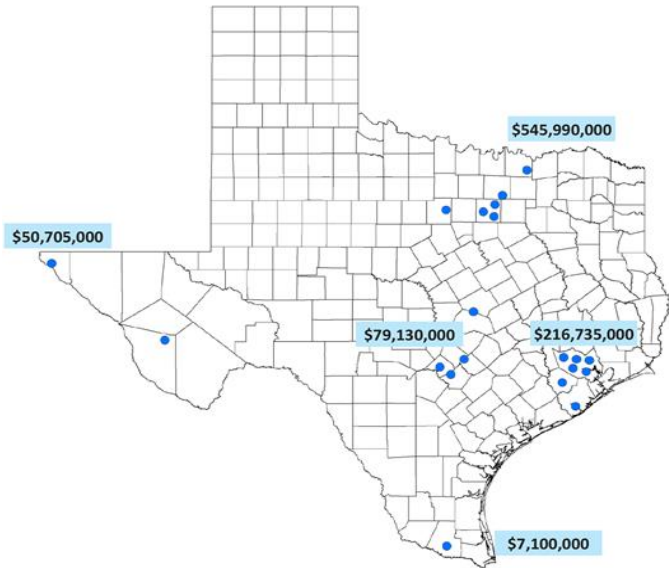
Capital cost of \$63 billion



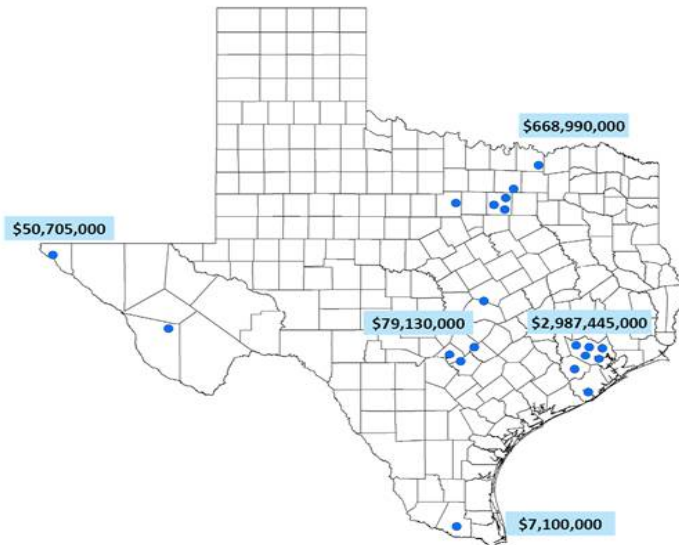
- \$900 million in financial assistance in 2015 (approximately)
- \$3.9 billion in financial assistance over the next decade (approximately)
- 20 project sponsors
- 30 projects
- \$106 million in projected savings
- AAA rating

COMMUNITIES SERVED

2015 SWIRFT Financial Assistance

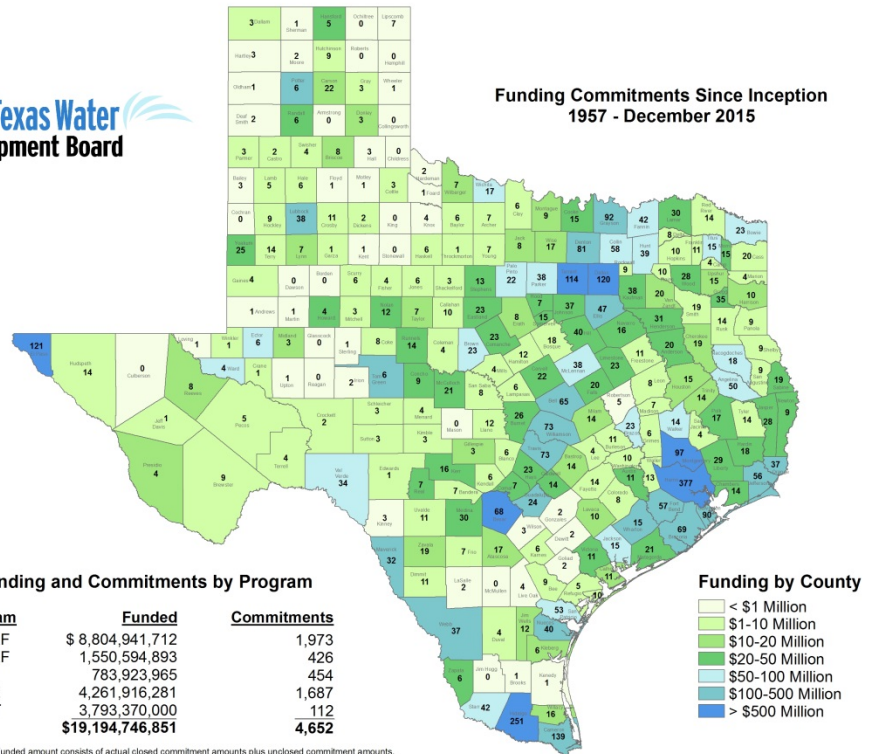


Multi-Year Financial Assistance Request*



Turns Planning into Projects

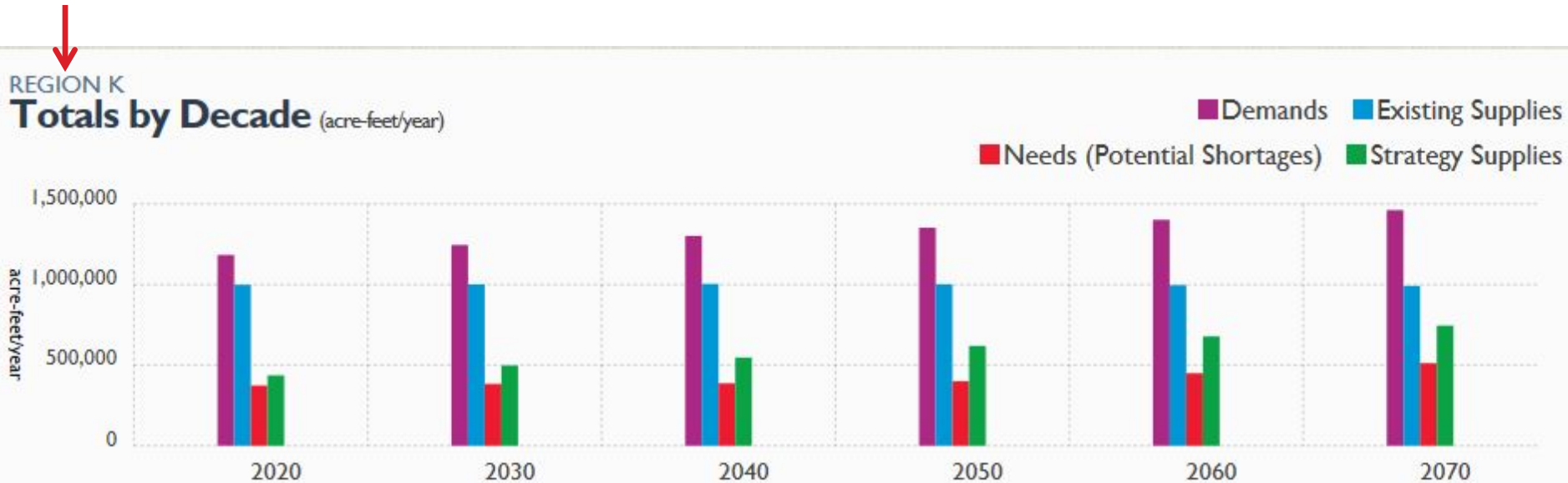
Total Funding Commitments* (Loans and Grants) Post-SWIRFT 1957 – December 2015



* Preliminary, subject to change

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

ONLINE 2017 STATE WATER PLAN



	2020	2030	2040	2050	2060	2070
Demands	1,183,325	1,245,335	1,301,963	1,352,231	1,401,321	1,461,807
Existing Supplies	998,867	1,000,960	1,003,758	1,001,689	996,571	991,929
Needs (Potential Shortages)	373,563	383,821	387,321	400,009	449,699	512,304
Strategy Supplies	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

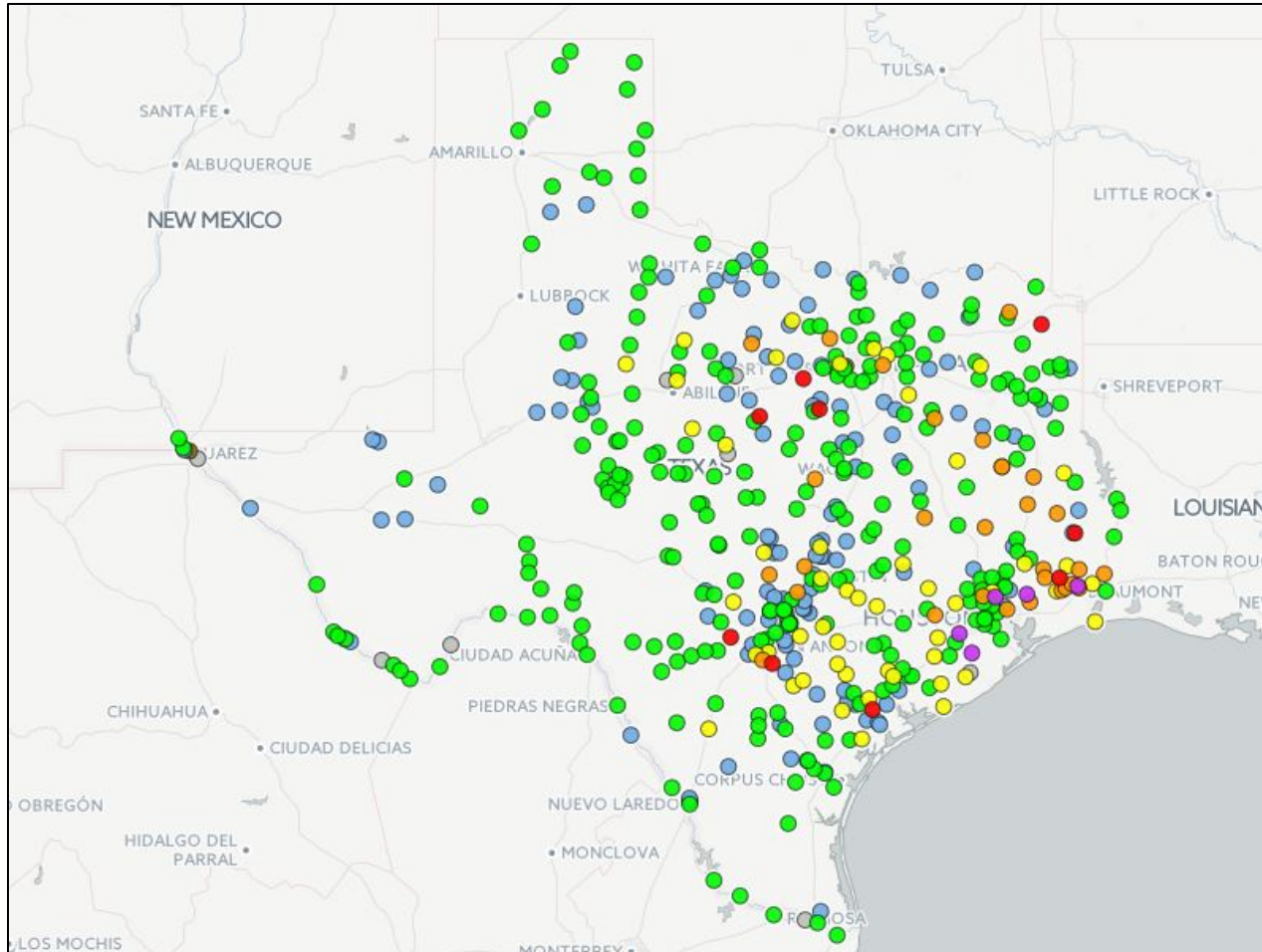
REGION K
Recommended Projects

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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