

# How Conservation fits into Texas' Water Supply Picture

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# 2017 State Water Plan – Water Demand by Usage Type

Municipal Water Demand is Increasing while Irrigation Demand is Decreasing

## Demands by Usage Type (acre-feet/year)

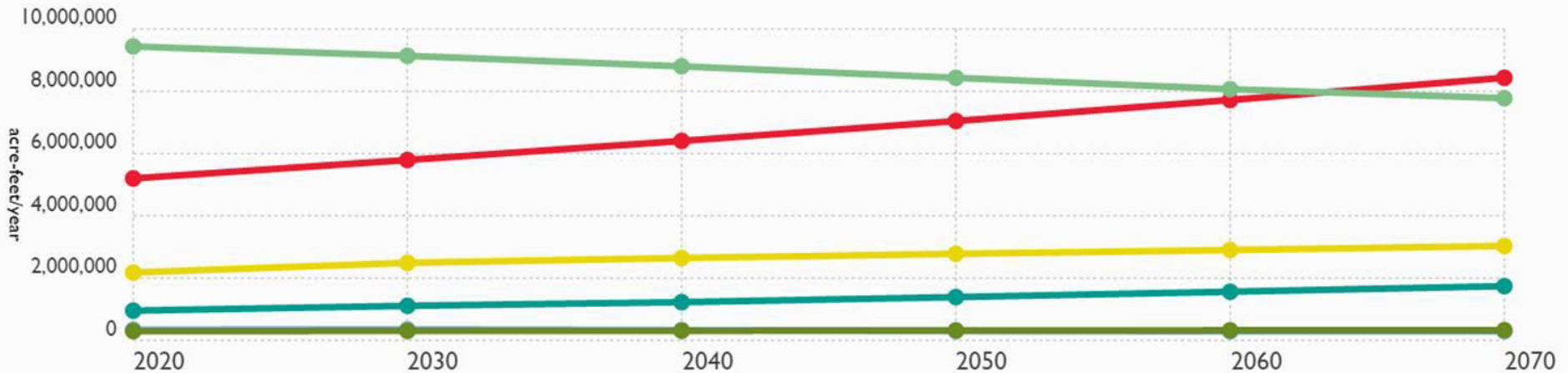
-  Irrigation
-  Municipal
-  Manufacturing
-  Steam Electric Power
-  Livestock
-  Mining

DEMANDS

EXISTING SUPPLIES

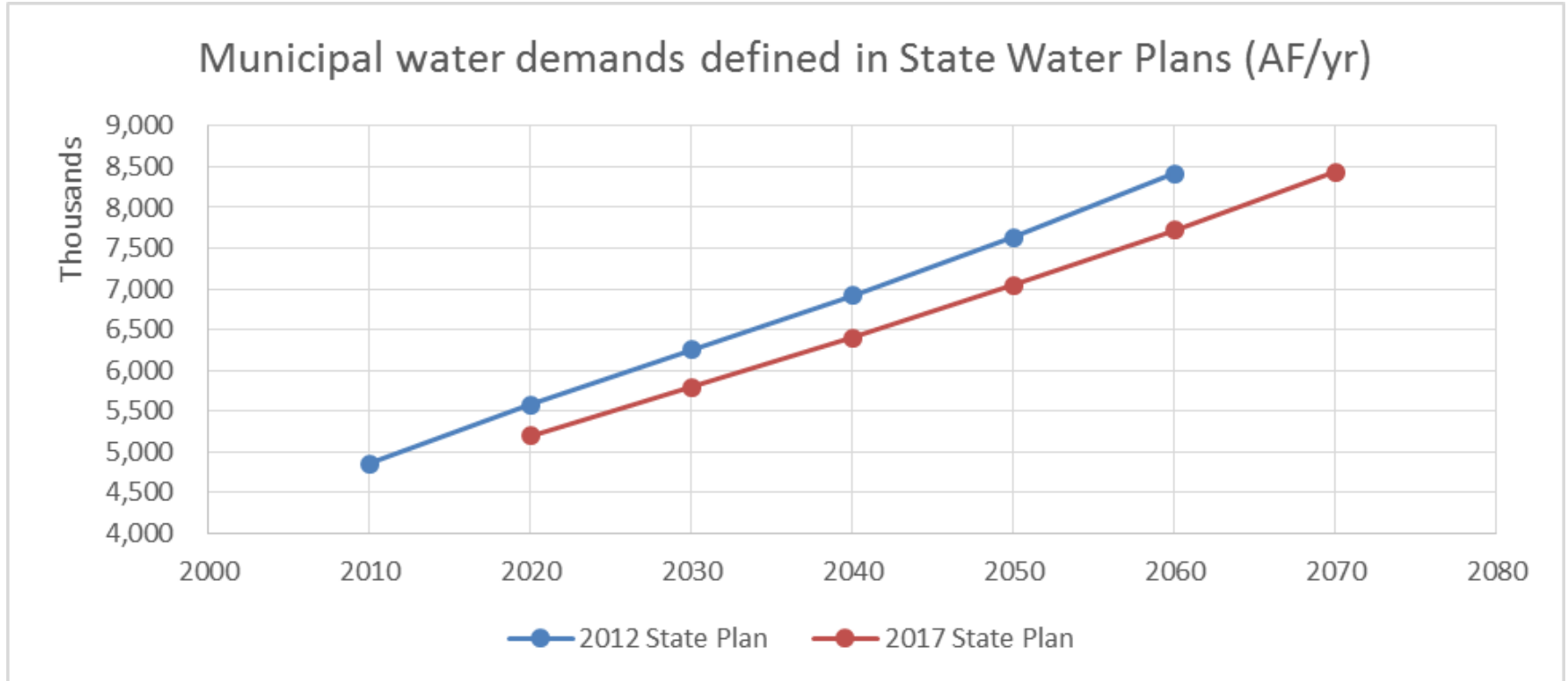
NEEDS (POTENTIAL SHORTAGES)

STRATEGY SUPPLIES



SHOW DATA TABLE

# How have projected municipal demands changed?



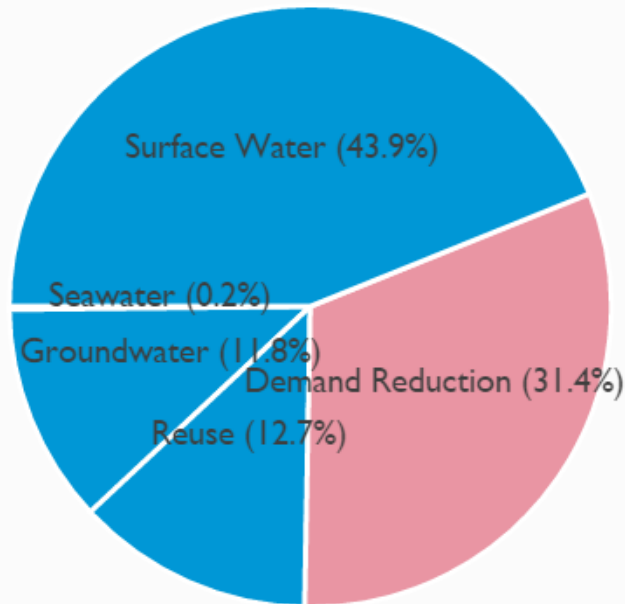
# State Water Plan

2020 Water Demand – 18.4 MAF

2020 Water Needs – 4.7 MAF

## Strategy Supplies Breakdown - 2020 (acre-feet/year)

Share by Water Resource



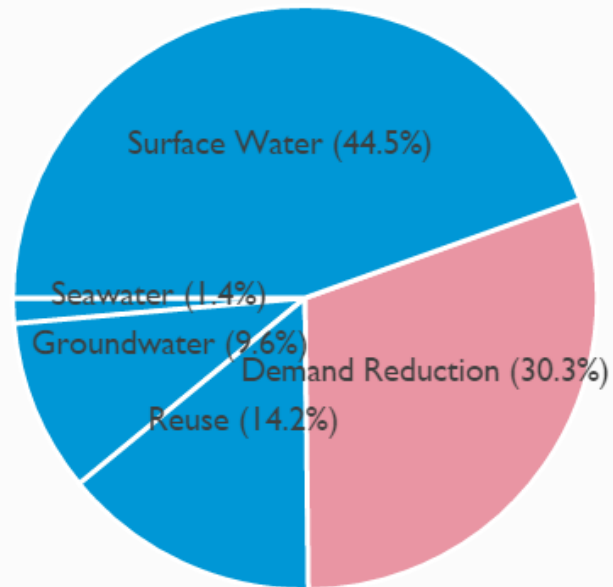
# State Water Plan

2070 Water Demand – 21.5 MAF

2070 Water Needs – 8.9 MAF

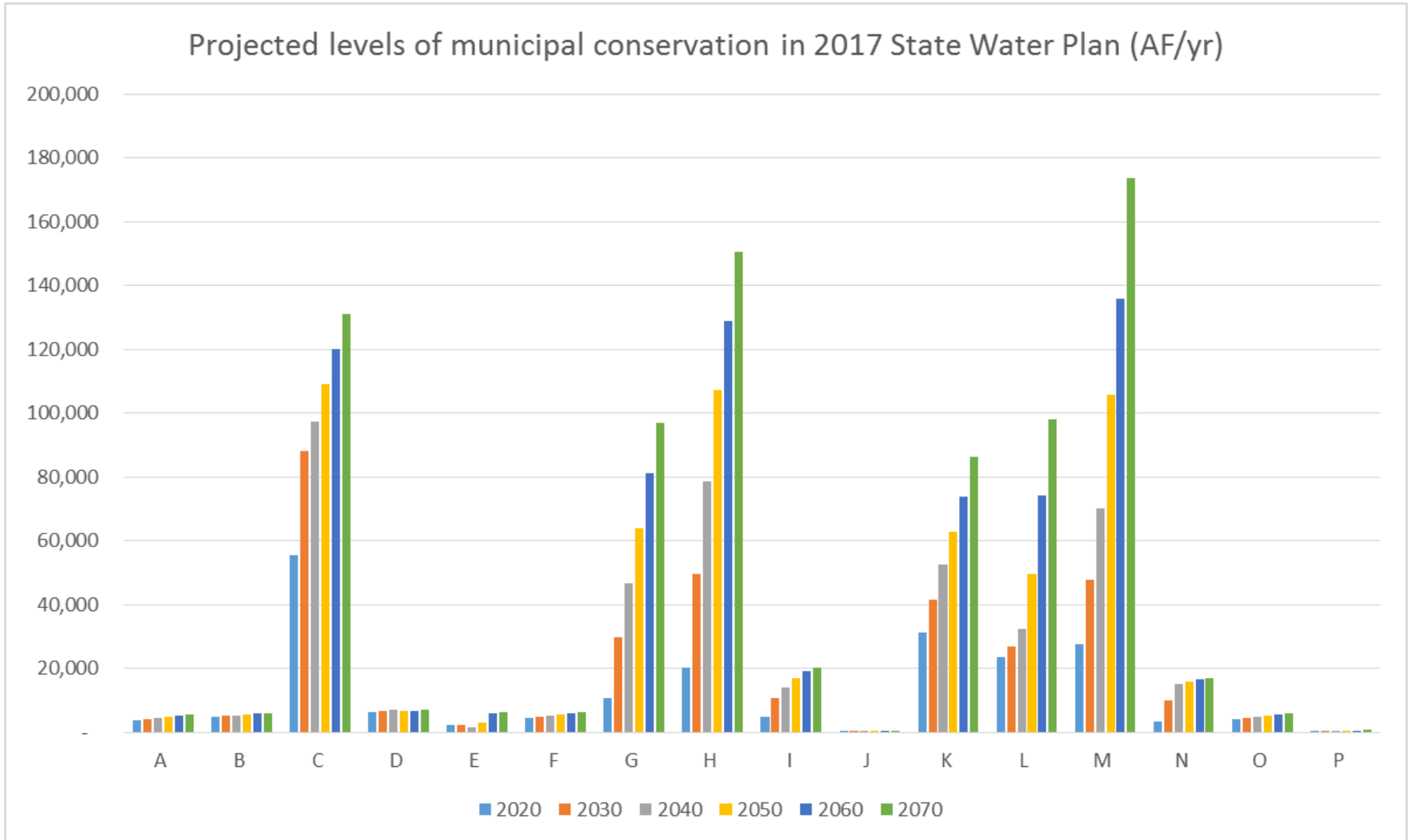
## Strategy Supplies Breakdown - 2070 (acre-feet/year)

Share by Water Resource

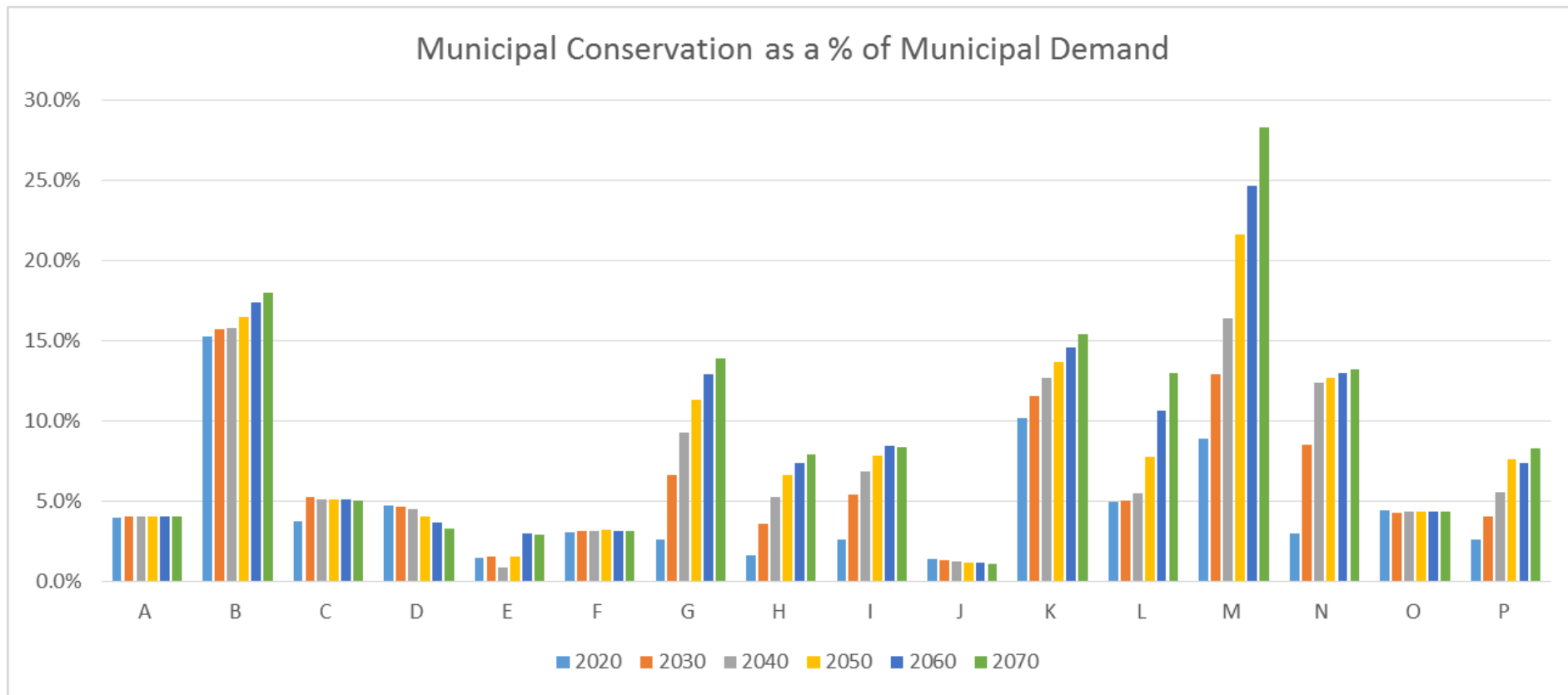


Municipal Water Conservation Strategies Identified in 2016 Regional Plans									
Region	Education	Water Loss	AMI	Irrigation	Rebates	Alternative H2O	Regulations	Pricing	All BMPs
A	X	X					X	X	
B		X							X
C	X	X	X		X		X	X	
D		X			X	X			
E	X	X			X				
F	X	X					X	X	
G		X							X
H		X		X	X		X	X	
I	X	X						X	
J	X	X				X	X		
K	X	X	X				X		
L		X	X		X				
M	X	X			X	X	X		
N		X			X	X			
O	X	X		X	X	X	X		
P	X	X	X	X				X	

# Majority of municipal conservation in regions C, G, H, K, L and M



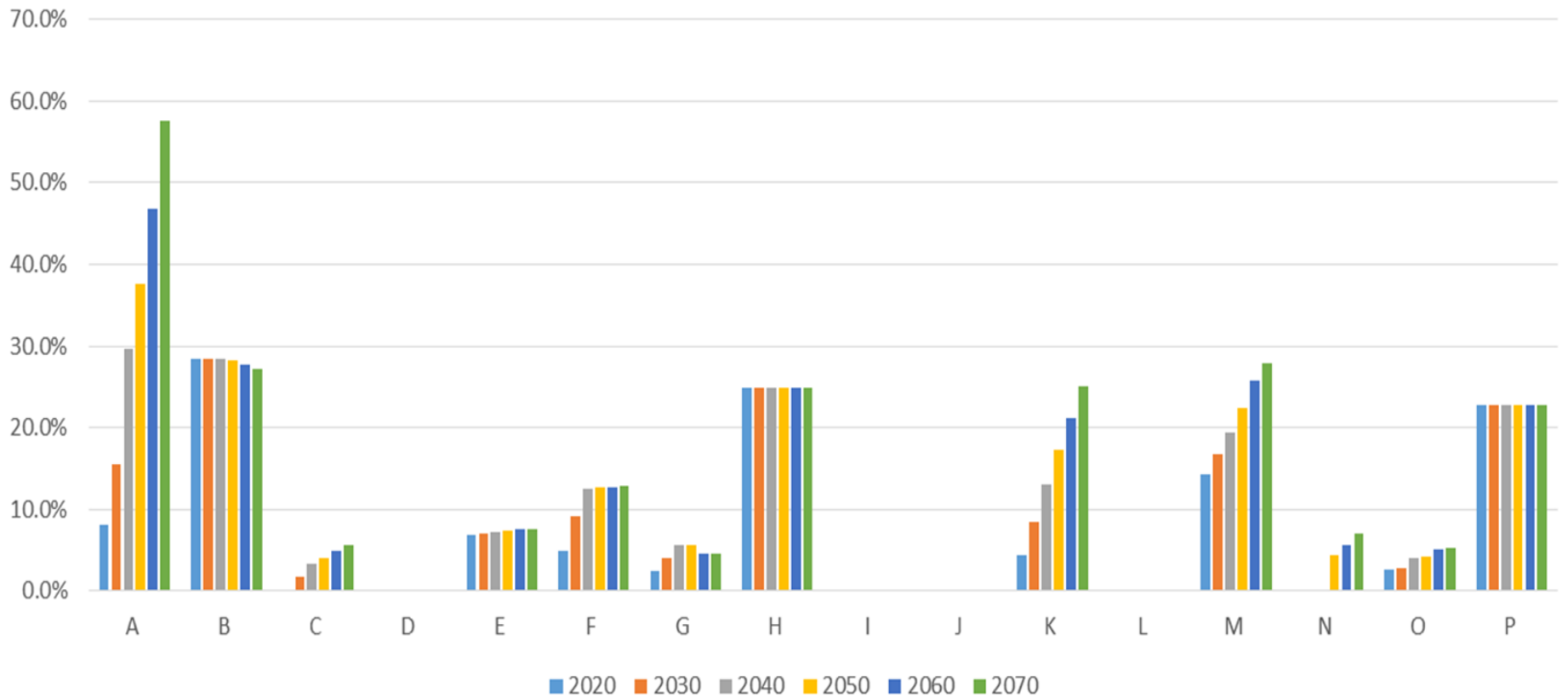
# Region M is taking a leadership position on municipal conservation as a strategy





# Region M sees a growing need for irrigation conservation

Irrigation Conservation as a % of Irrigation Demand



# Conclusion

- Water Conservation is a big part of the LRGV's future water supply
- Water Conservation is the cheapest and least environmentally impactful water supply choice
- Implementing Water Conservation programs is the responsibility of every water supplier in Texas - We cannot meet our water needs without it
- There are many resources to learn about planning and implementing water conservation program from small scale to large scale.

Want more information on water conservation?

We have numerous resources available at  
[www.texaslivingwaters.org](http://www.texaslivingwaters.org)

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