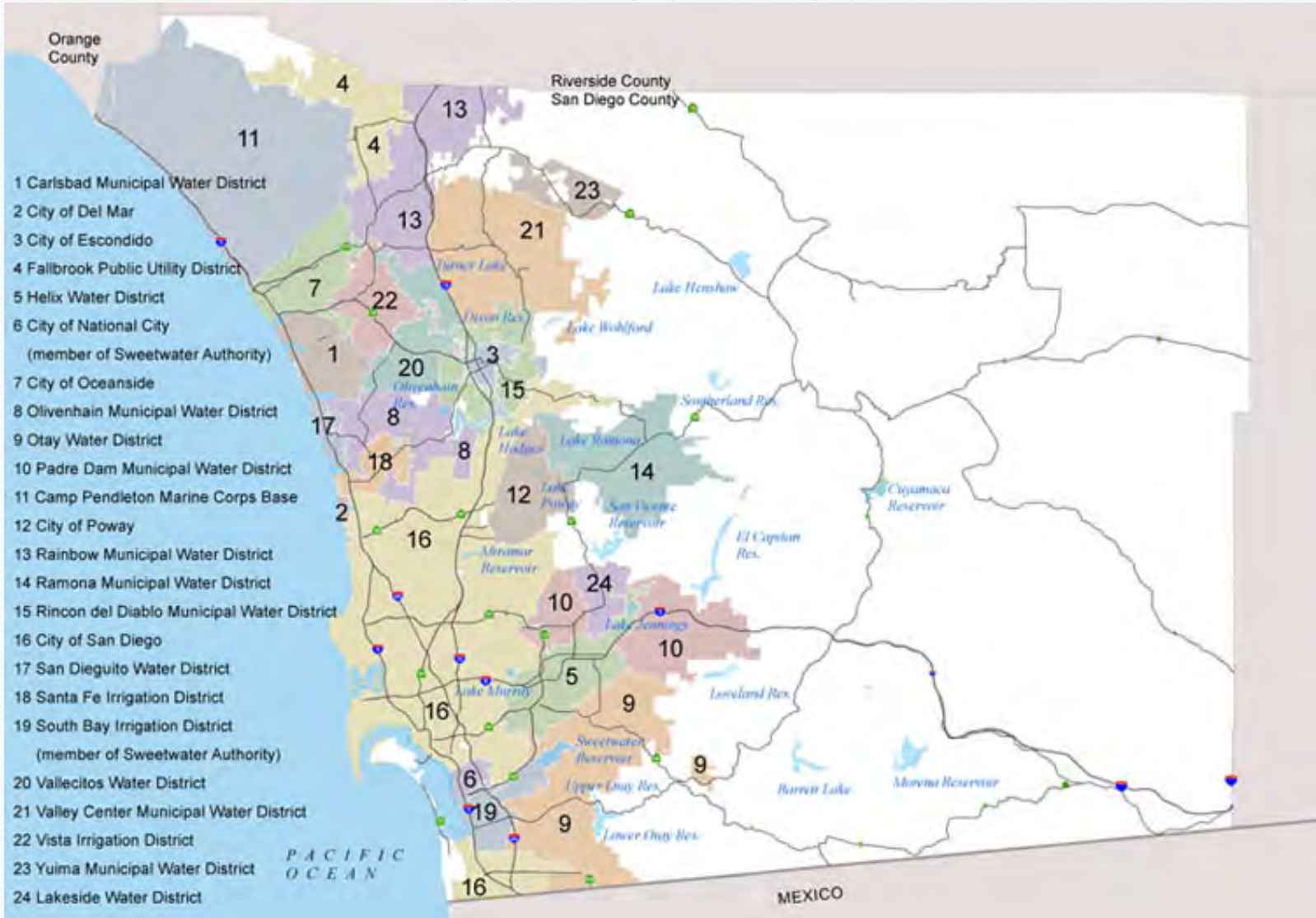




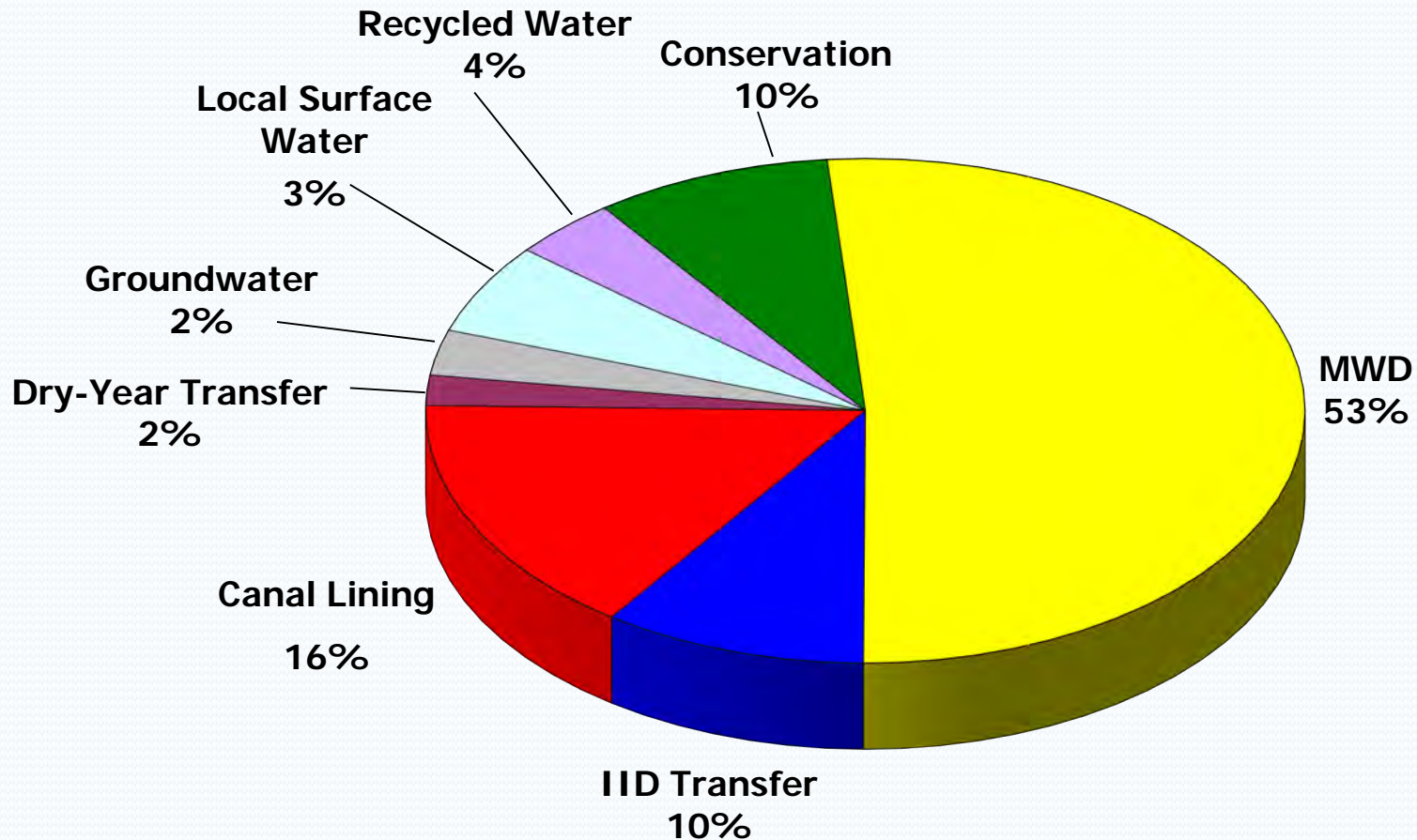
*San Diego County
Water Authority*

Background

San Diego County Water Authority Service Area



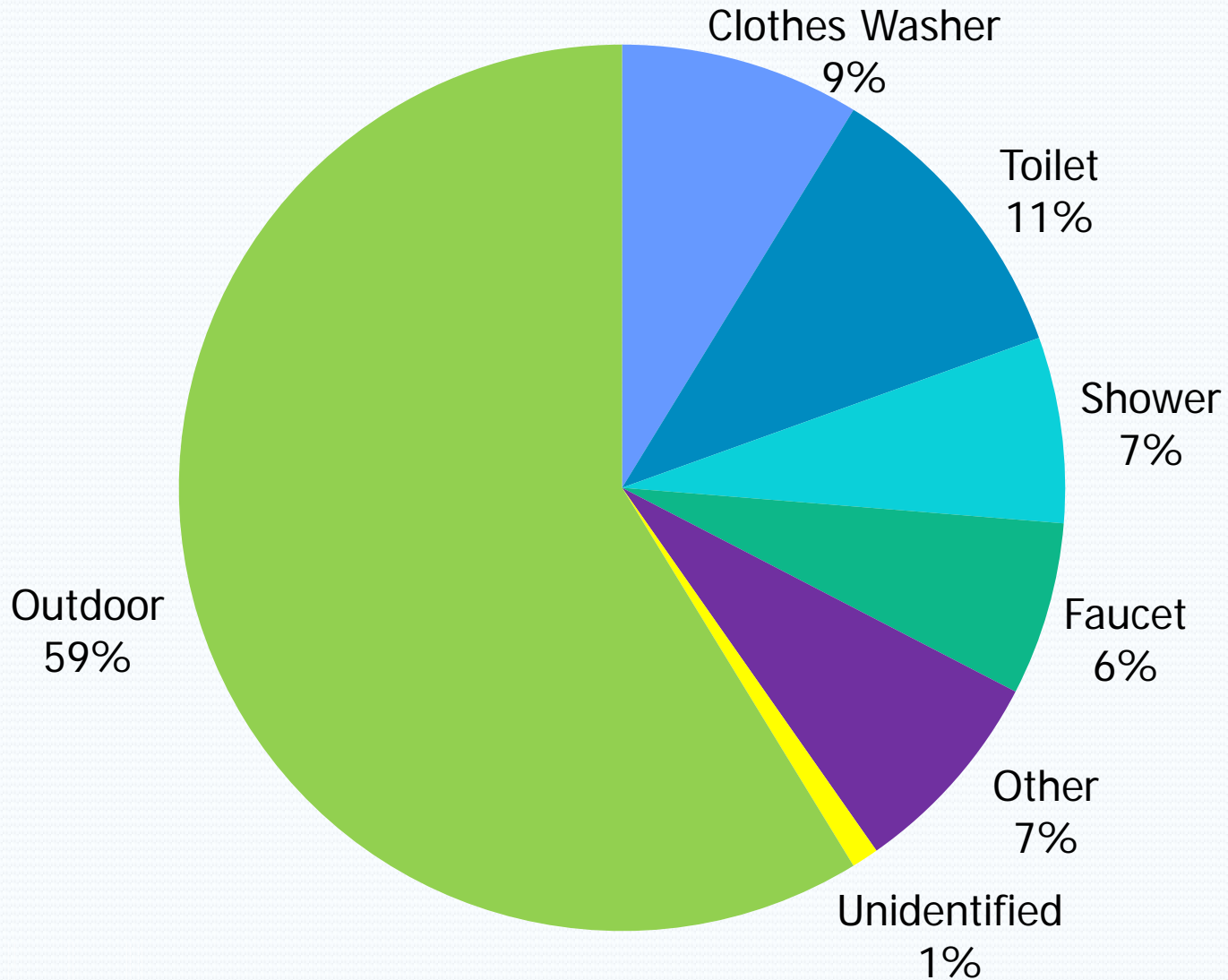
Estimated Fiscal Year 2010 Water Supply Portfolio



Sources of Imported Water from Metropolitan Water District (State Water Project and Colorado River)

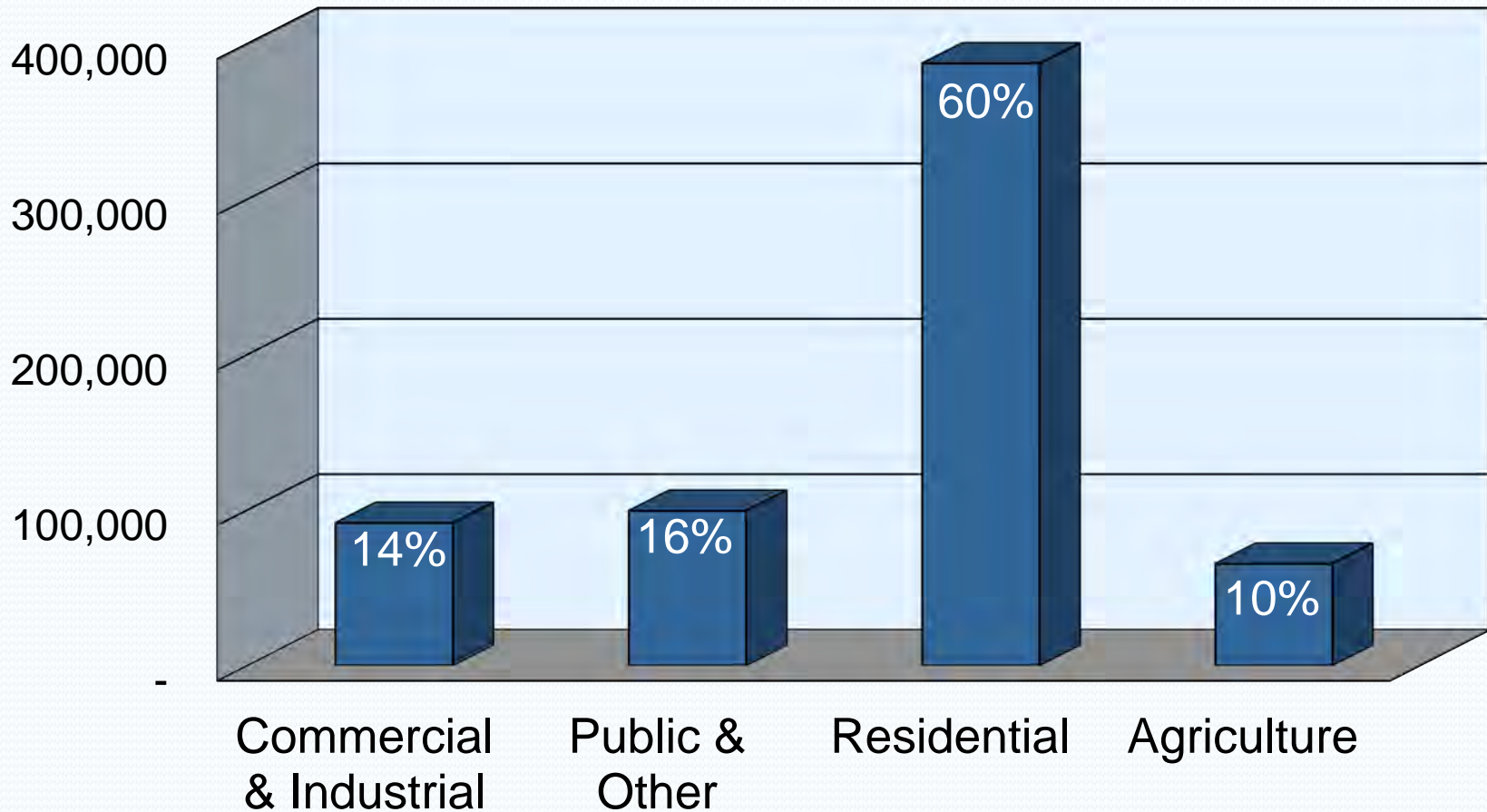


Where is Residential Water Used?



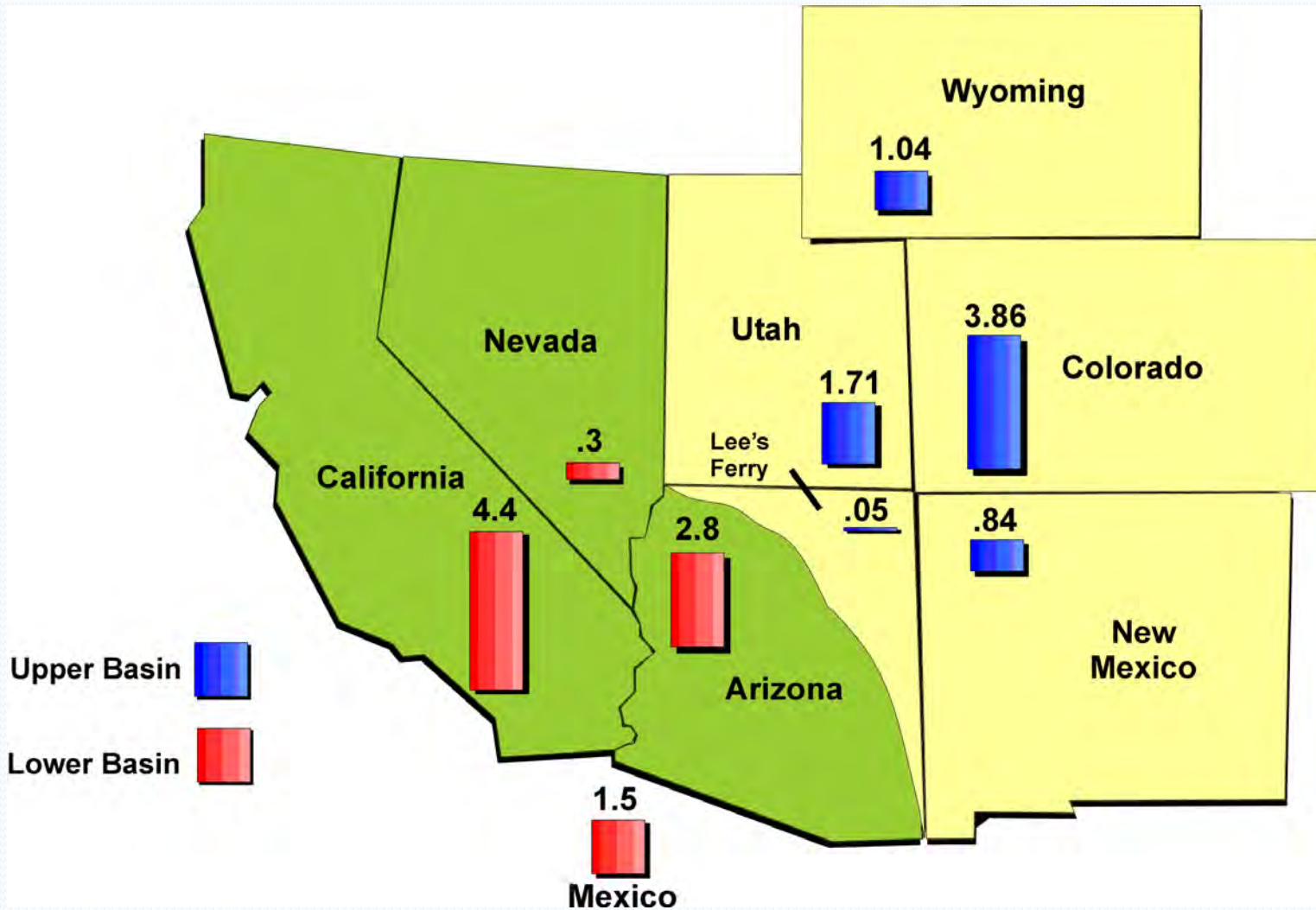
How Do We Use Water in the San Diego Region?

Acre-feet



Colorado River Entitlements

(Million acre-feet)



Water Imports to Southern California

Sacramento-San Joaquin Delta



San Diego Area Recycled Water Treatment Plants

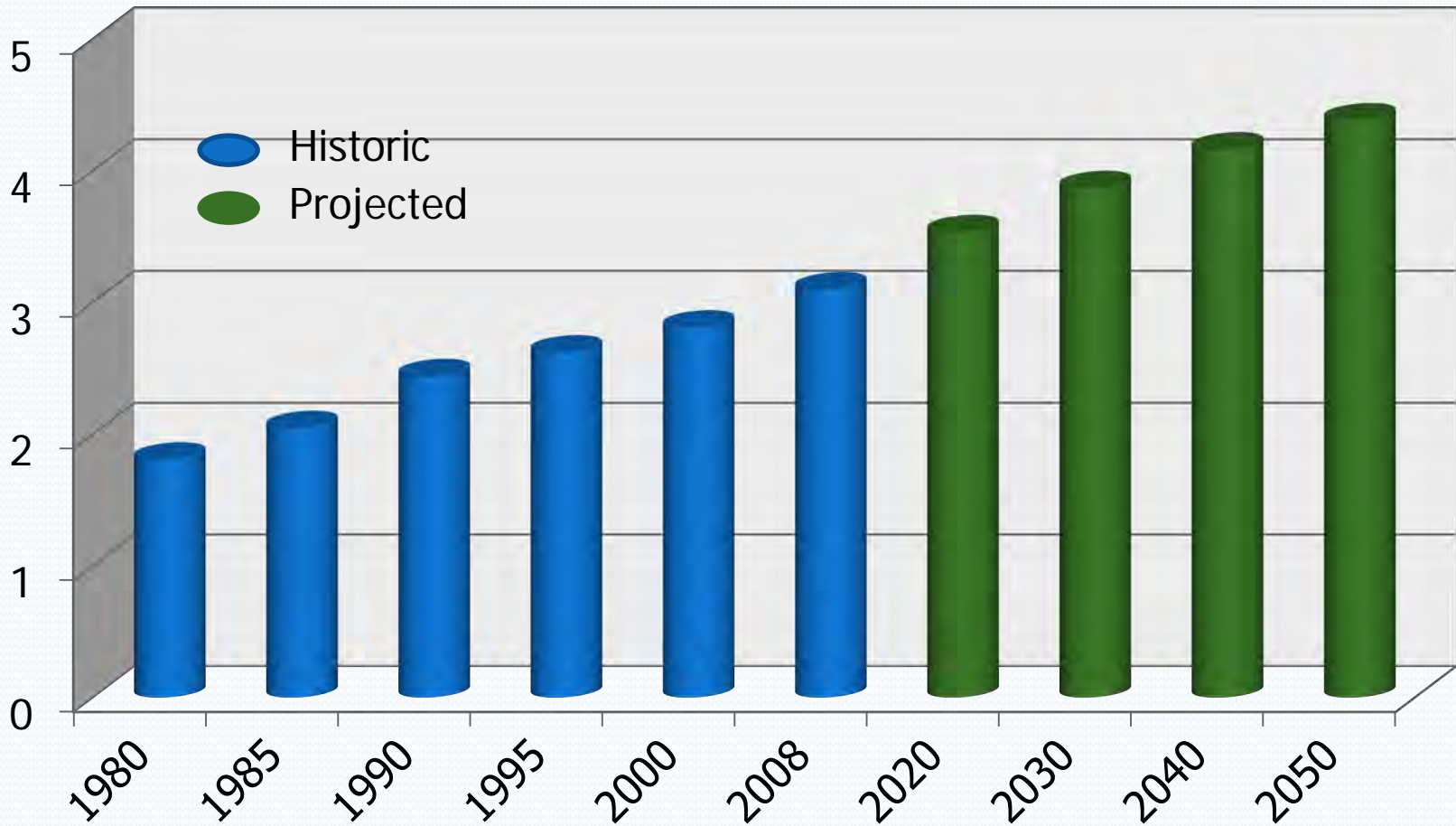




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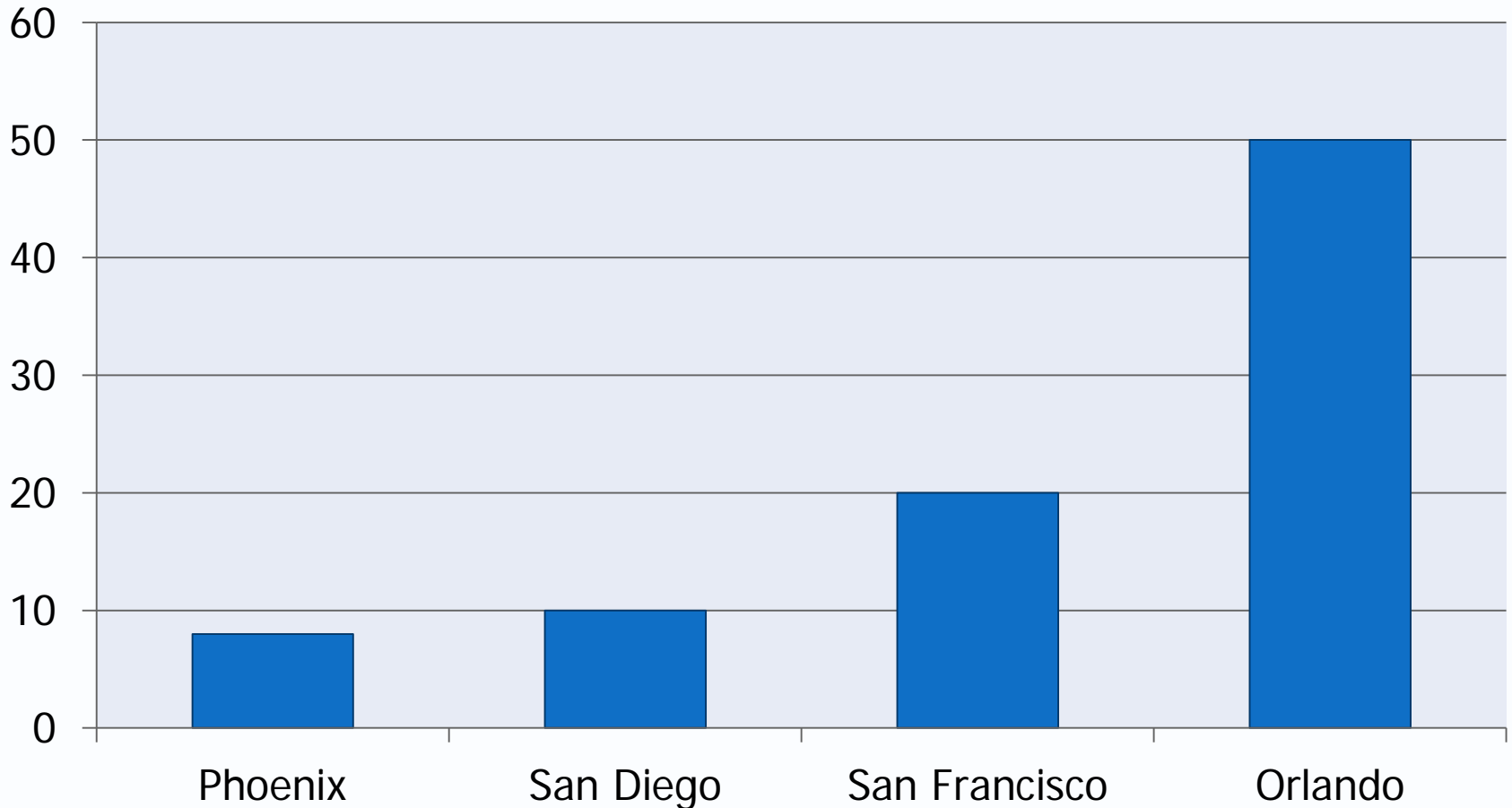
Challenges

Population Growth Within San Diego County (Millions)

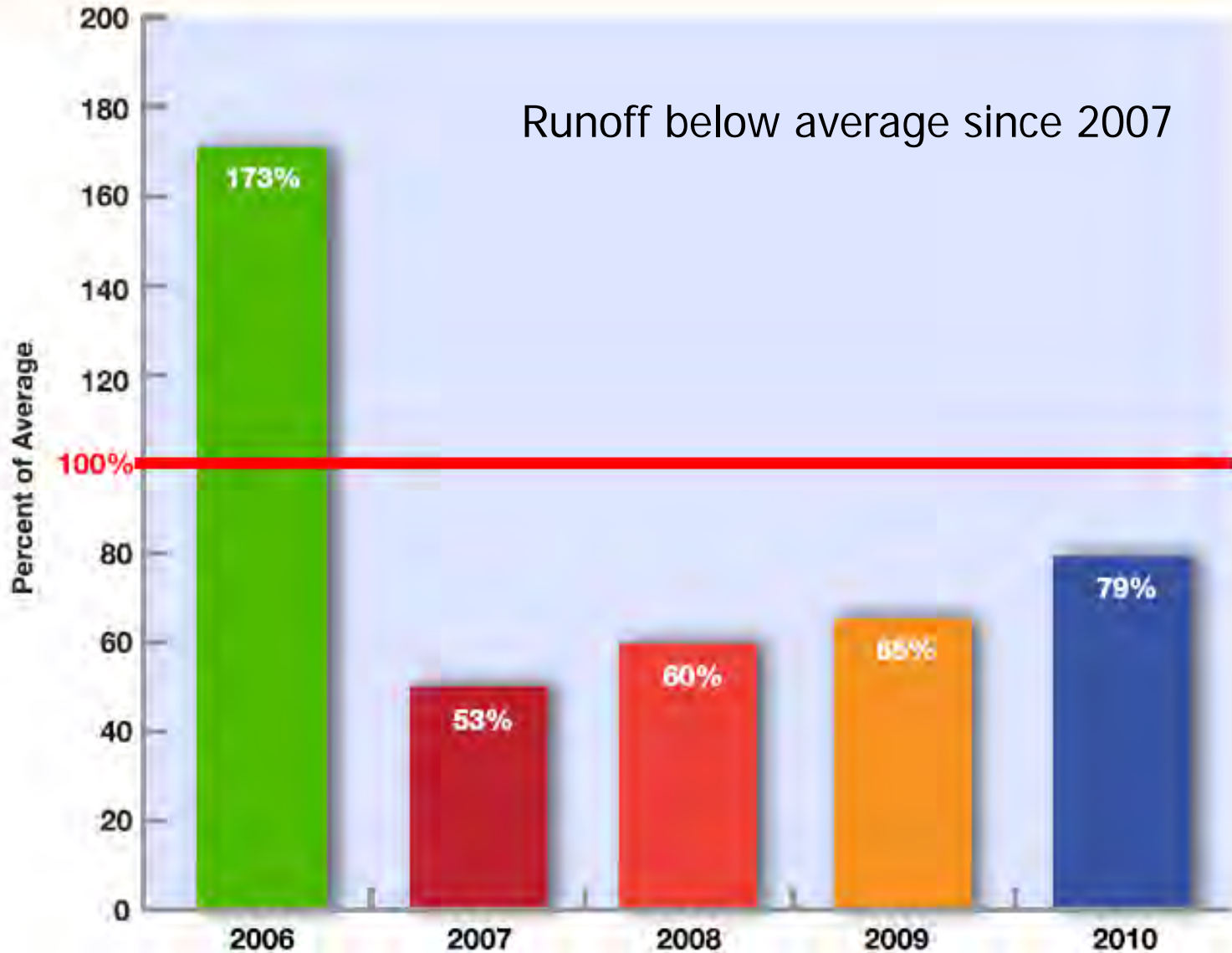


Source: SANDAG 2050 Regional Growth Forecast

Low Average Annual Rainfall (Inches)

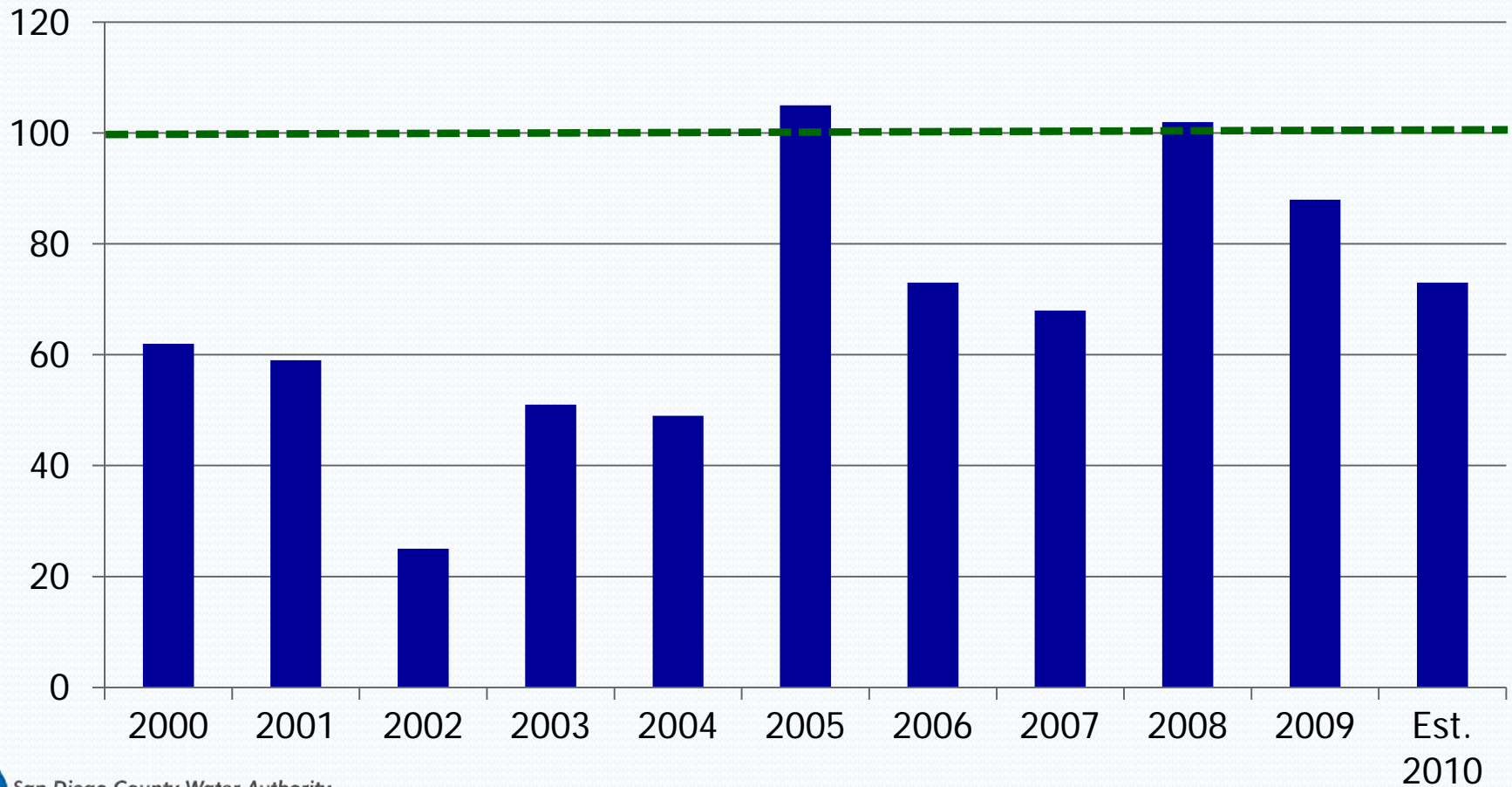


Statewide Droughts



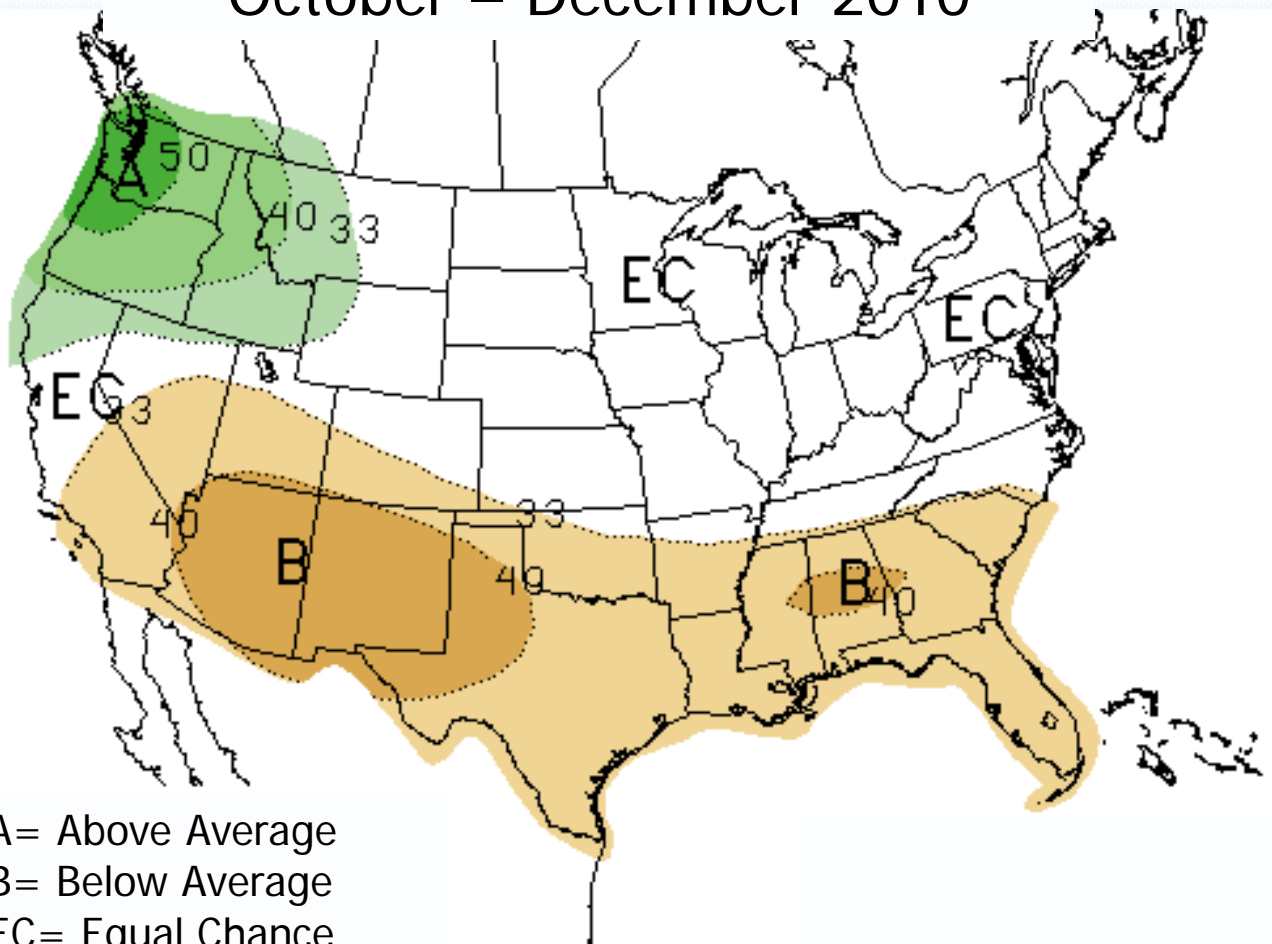
Ongoing Dry-Year Conditions on the Colorado River

Unregulated Inflow to Lake Powell
(% of average – water year)



La Niña Conditions Present

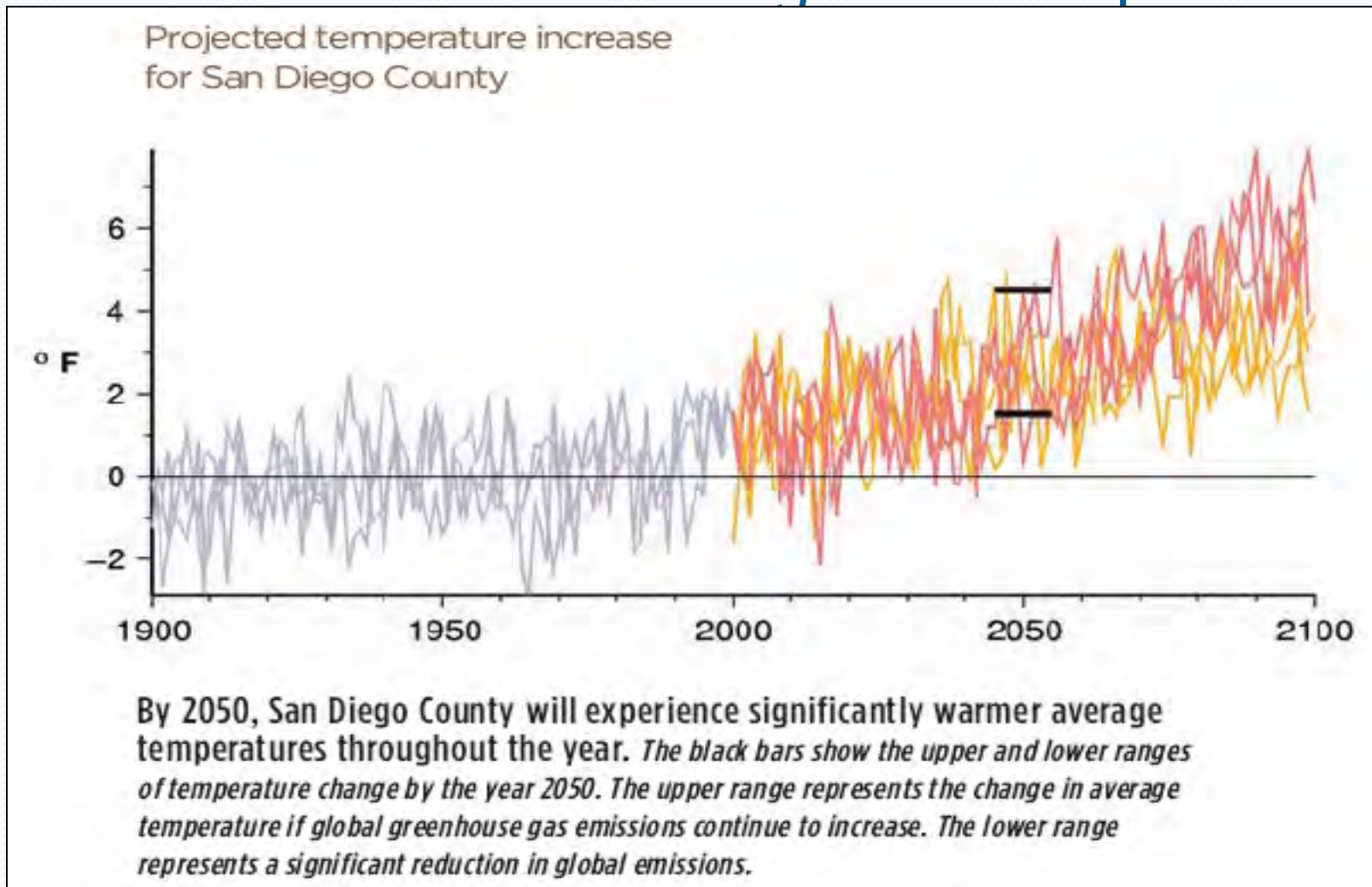
3-Month Precipitation Outlook October – December 2010





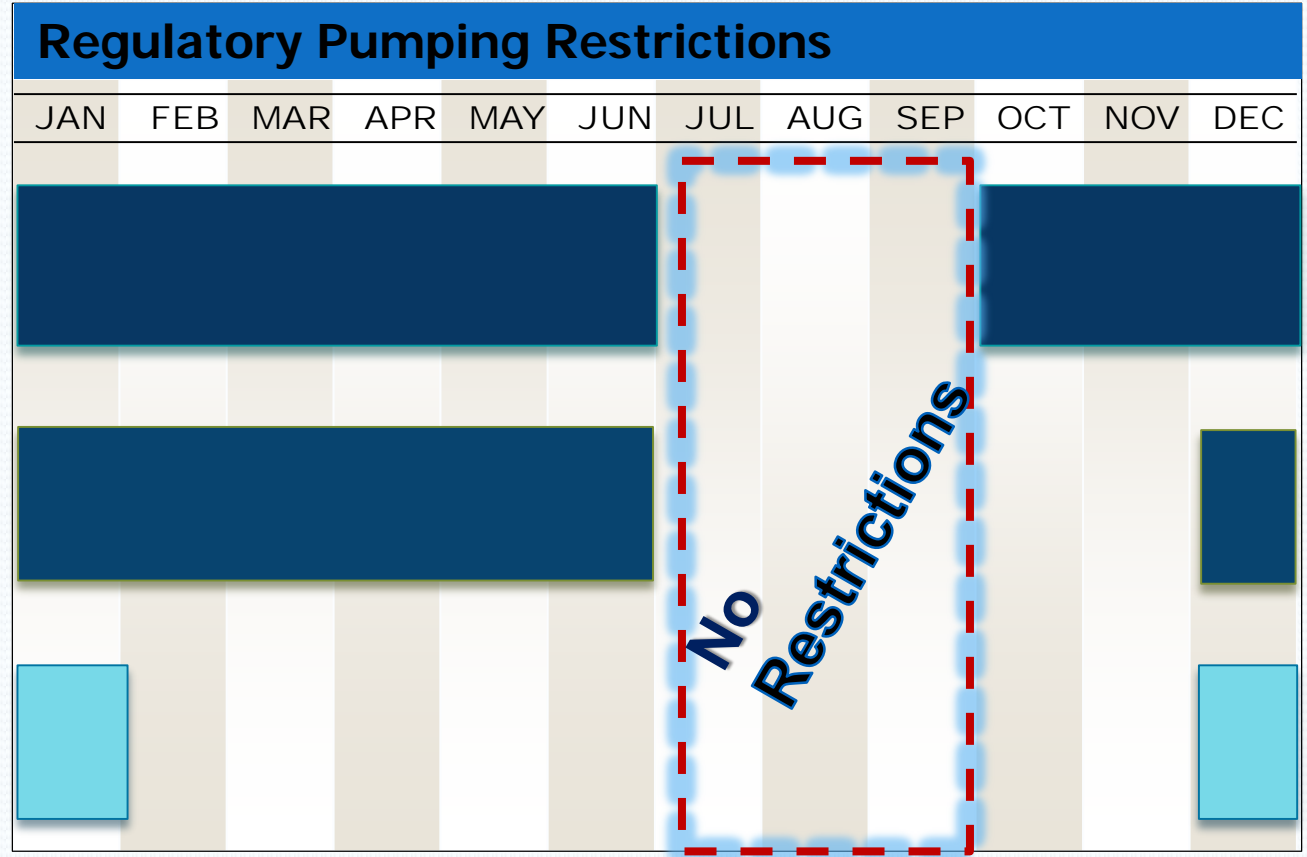
Climate Change

Potential Water Management Impacts



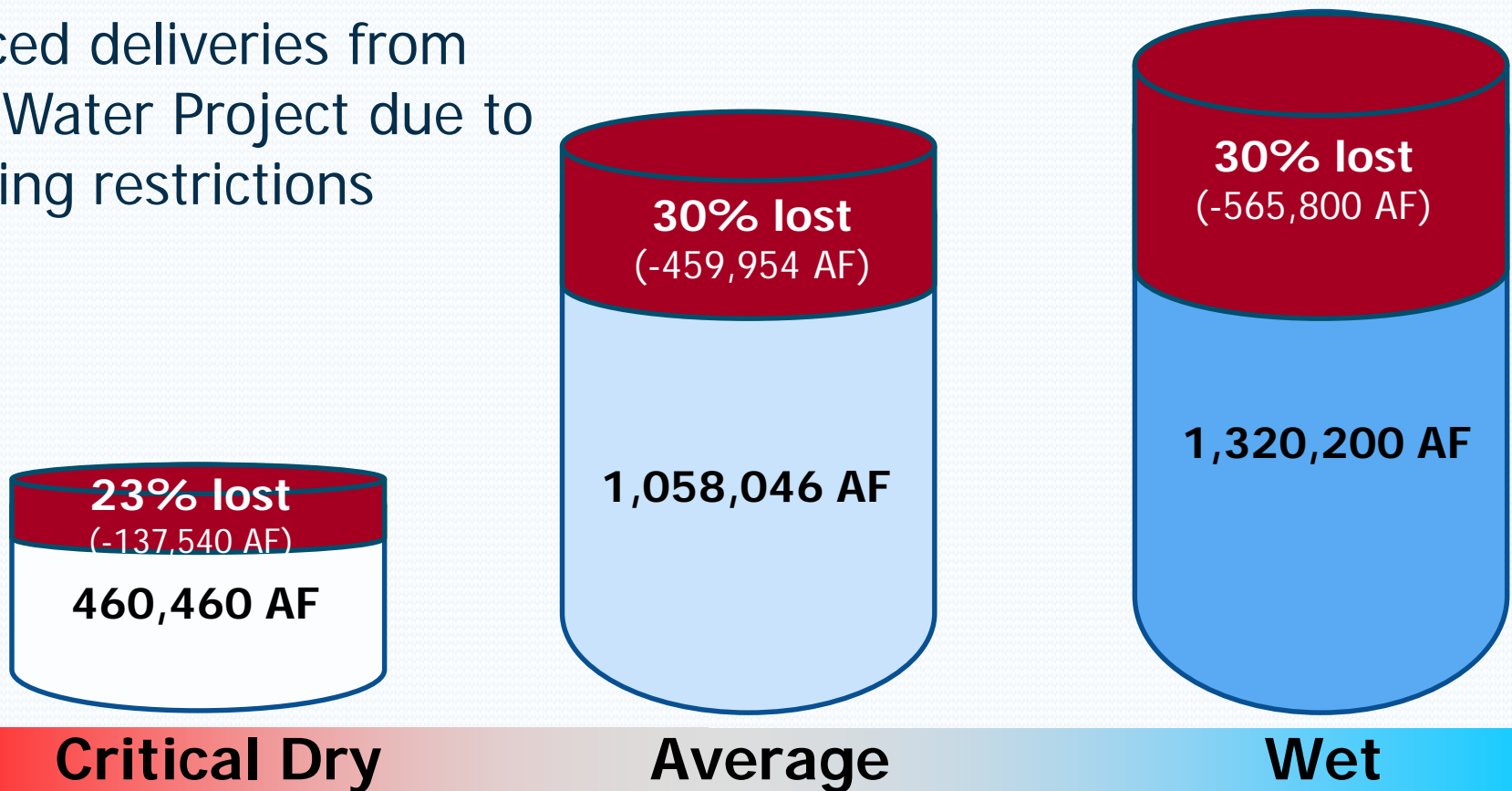


Pumping Restrictions to Protect Fish Species Limit State Water Project Deliveries



Impacts of Regulatory Restrictions on Southern California's Supplies

Reduced deliveries from State Water Project due to pumping restrictions



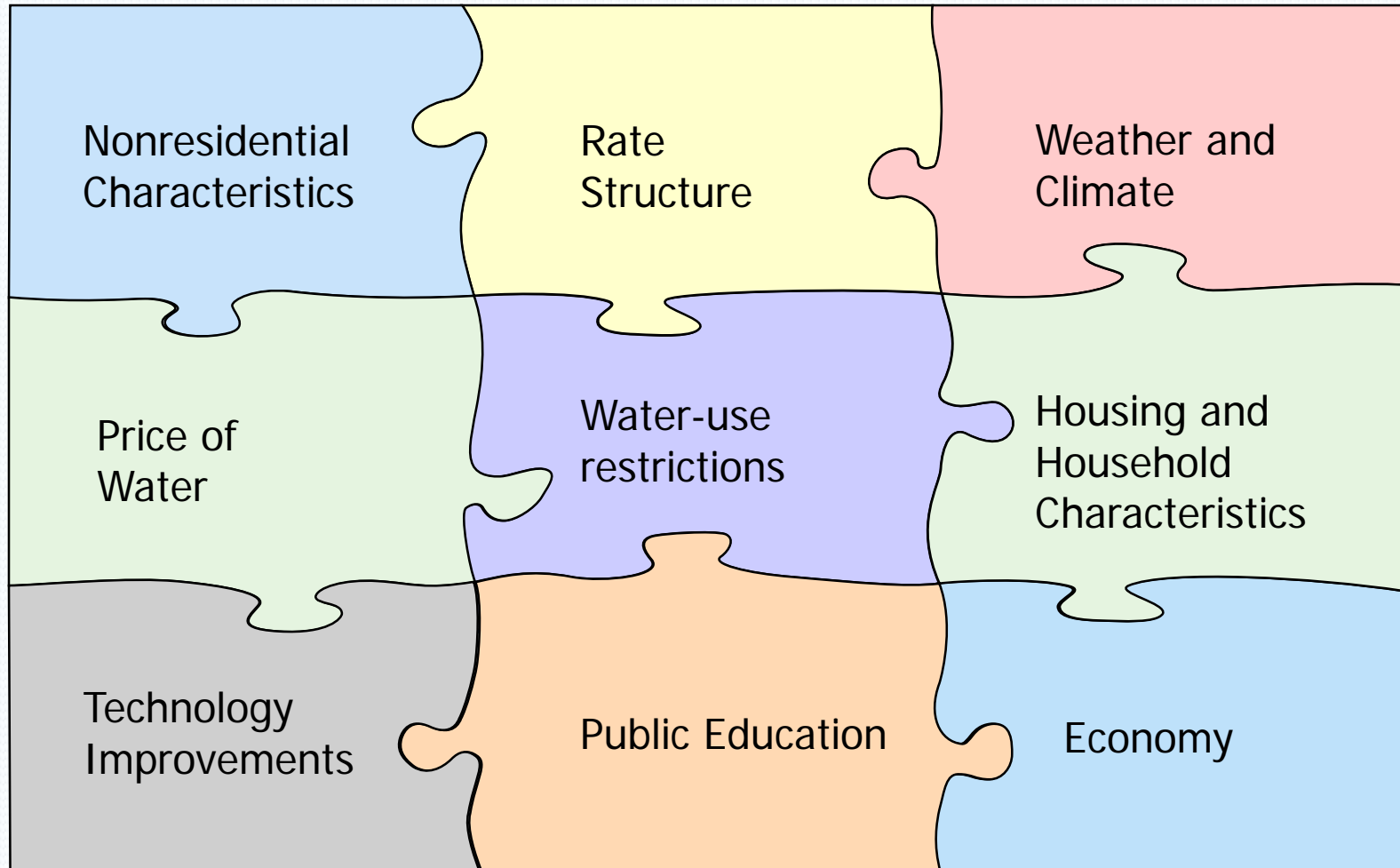
AF = Acre-feet

One acre-foot = 325,900 gallons

*Source: Metropolitan Water District; updated 7/28/2009

Challenges to Conservation

Numerous Factors Influence Water Demands



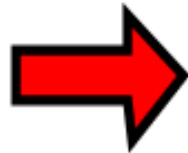


*San Diego County
Water Authority*

What's at stake

Potentially More Frequent and Severe Shortages Could Negatively Impact Economy

Current Level



Drought Watch

(10% voluntary conservation)

Drought Alert

(Up to 20% mandatory conservation)

Drought Critical

(Up to 40% mandatory conservation)

Drought Emergency

(More than 40% mandatory conservation)



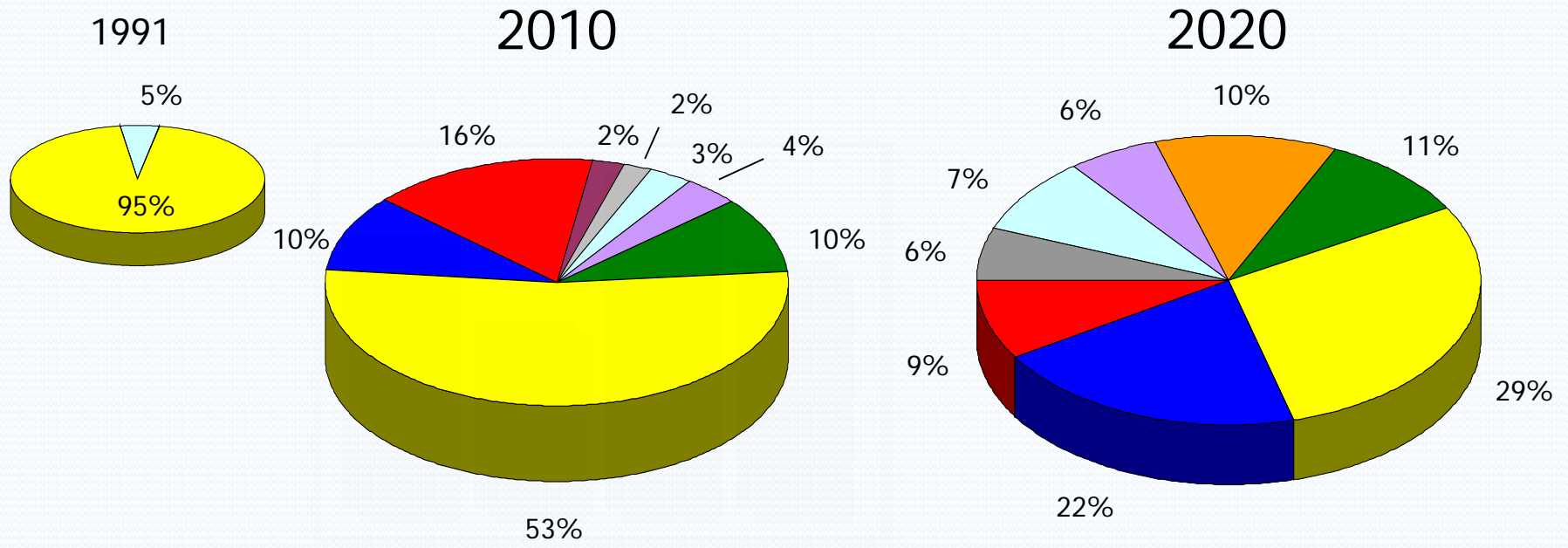




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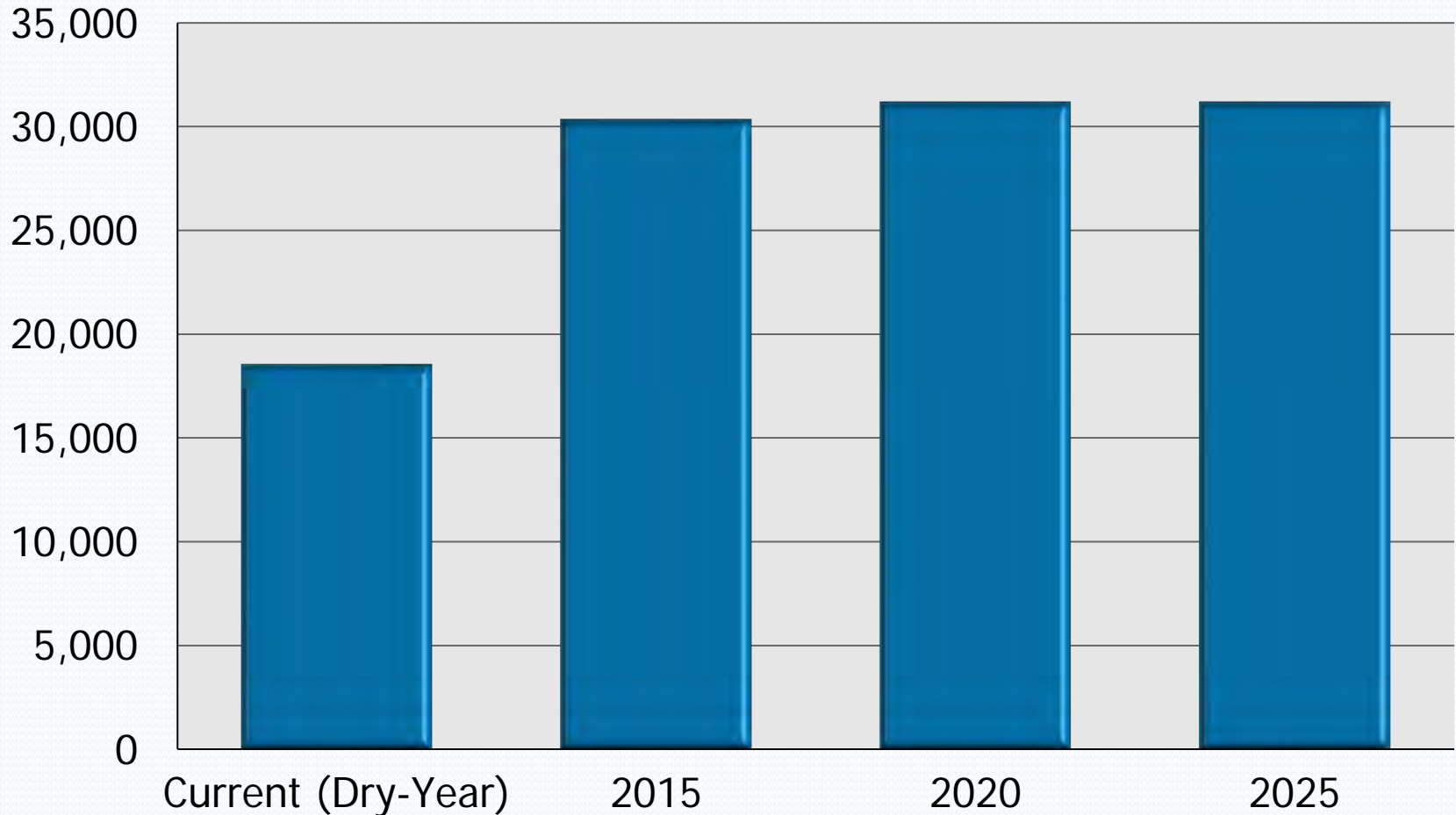
Reliable Future

Regional Water Supply Diversification

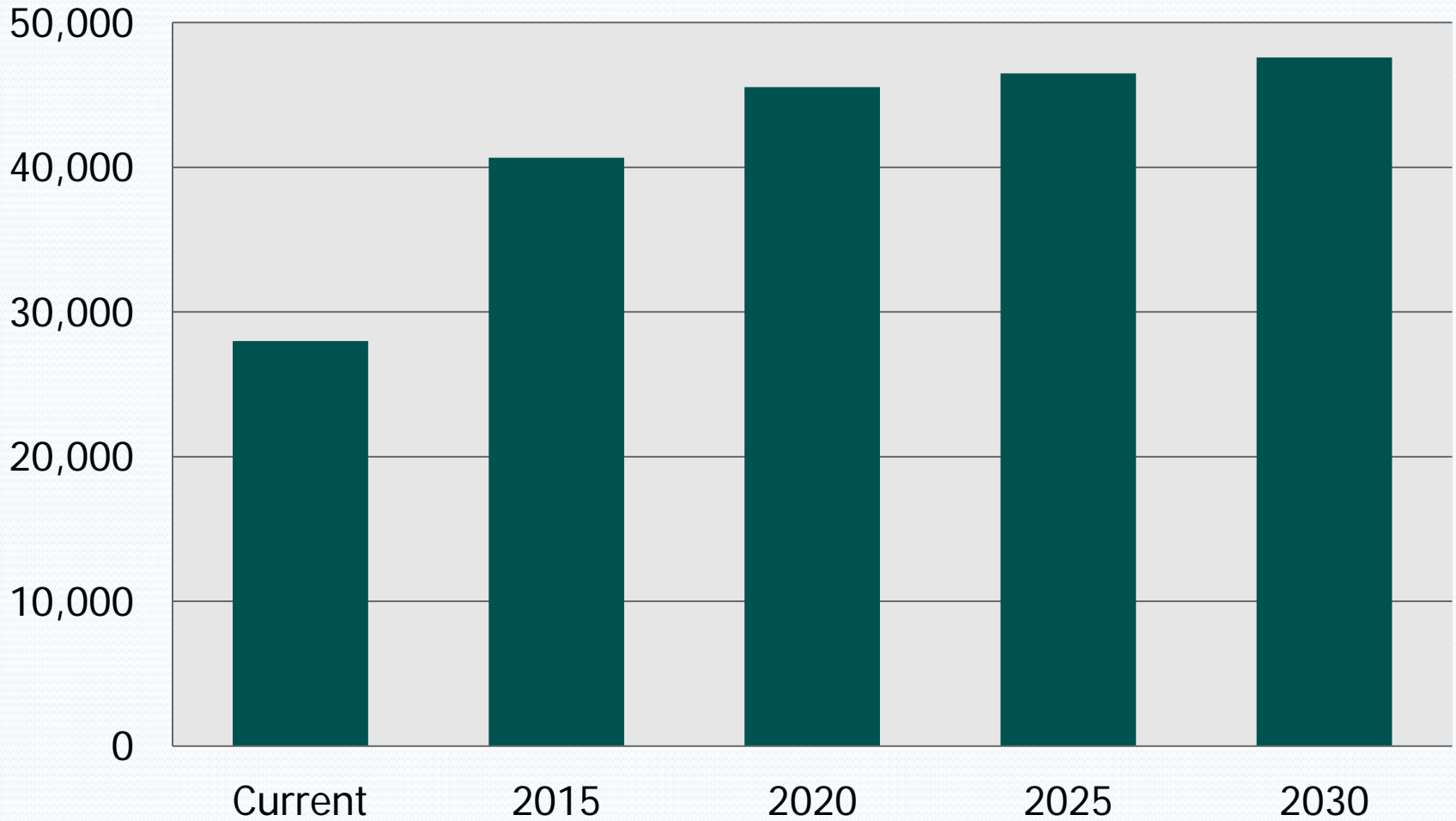


- Metropolitan Water District
- Imperial Irrigation District Transfer
- All American & Coachella Canal Lining
- Conservation
- Seawater Desalination
- Local Surface Water
- Recycled Water
- Groundwater
- Dry-Year Water Transfers

Increase Future Groundwater Yield (Acre-feet)



Increase Future Recycled Water Yield (Acre-feet)



New Water Ethic



water smart[™]
LANDSCAPE

A BETTER WAY TO BEAUTIFUL

