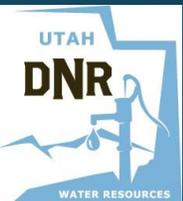
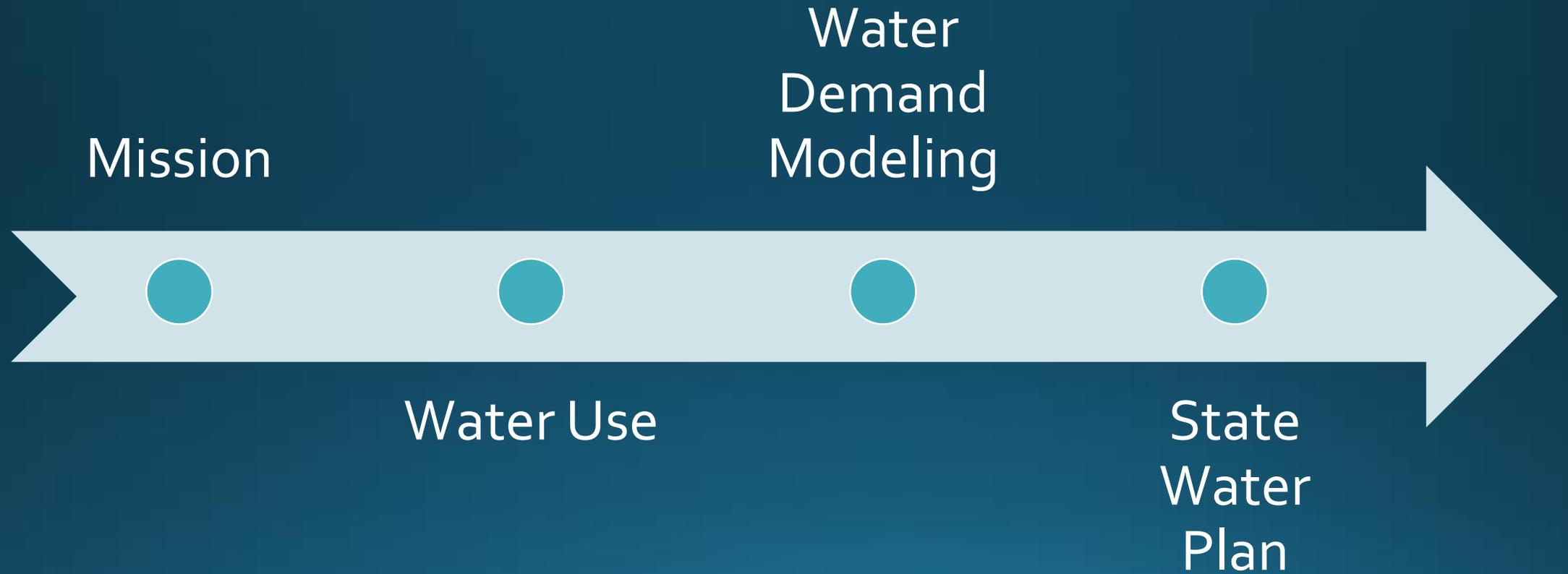


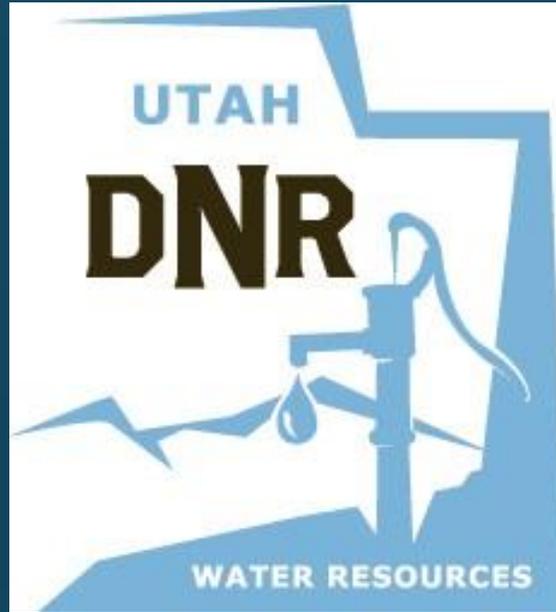
Executive Water Finance Board

Planning and Water Use



Overview





Mission Statement

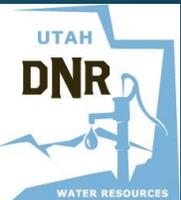
Plan, Conserve, Develop and Protect
Utah's Water Resources

Why Plan?

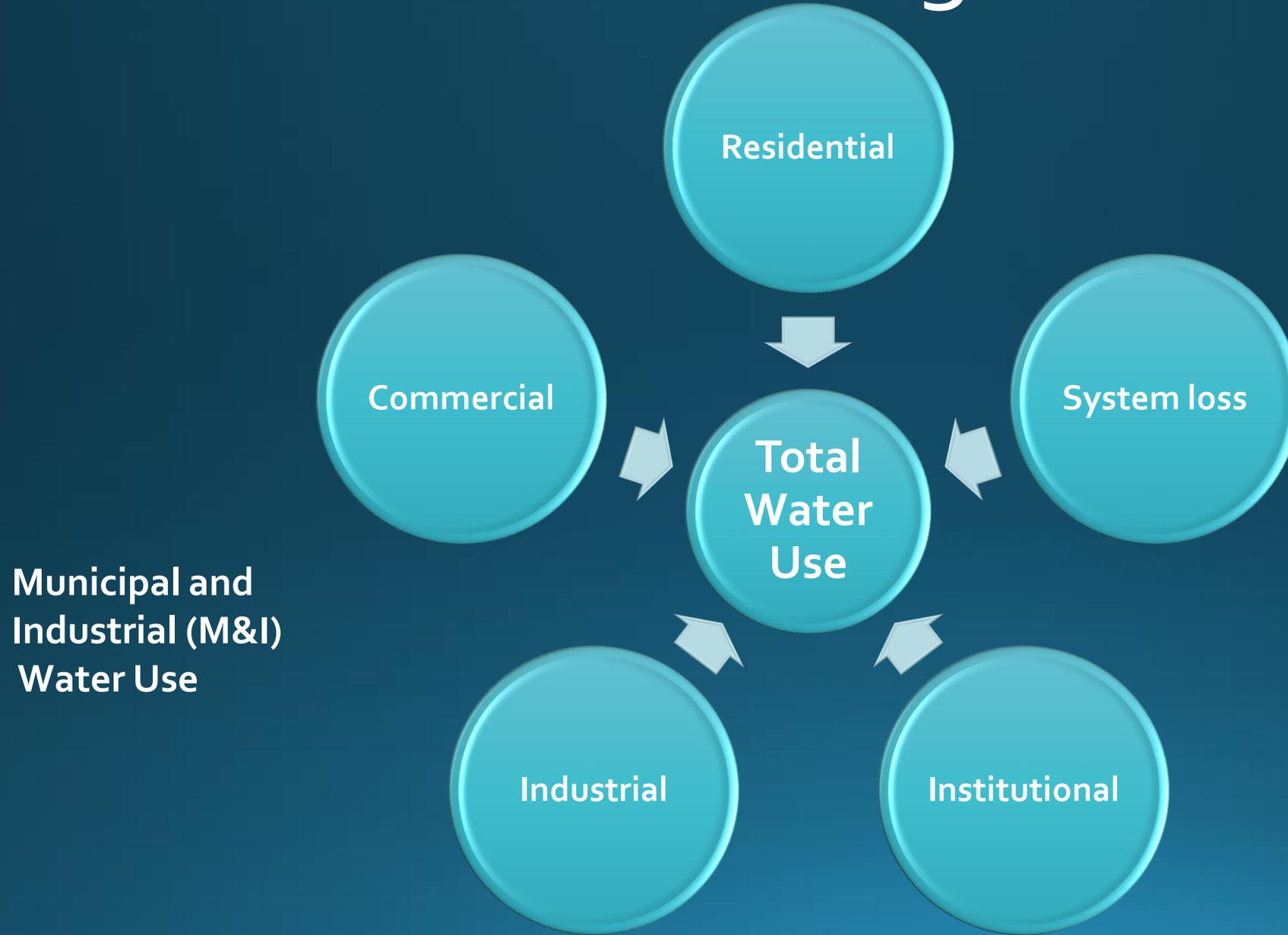
- Limited water supply
- Growing population
- Changing climate
- Good water stewards
- Wasting water is not a beneficial use

"We forget that the water cycle and the life cycle are one."

Jacques Cousteau



Water Use 101 - Categories



Water Use 101 - “Types” of Water

Potable Water

- Drinking or Culinary water
- Treated water
- Used for:
 - Residential
 - Commercial
 - Industrial
 - Institutional

Secondary Water

- Non potable water
- Untreated water
- Irrigation used on:
 - Lawns and gardens
 - Parks
 - Golf courses

Water Use 101 - Units

GPCD

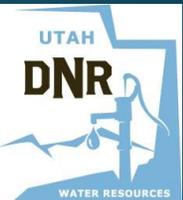
Gallons per capita per day

How many gallons each person uses per day?

Review of Water Use Data

- A Performance Audit of Projections of Utah's Water Needs – May 2015
- An In-depth Follow-up of Projections of Utah's Water Needs – December 2017
- State of Utah Water Use Data Collection Program Report – January 2018

<https://water.utah.gov/WaterData.html>

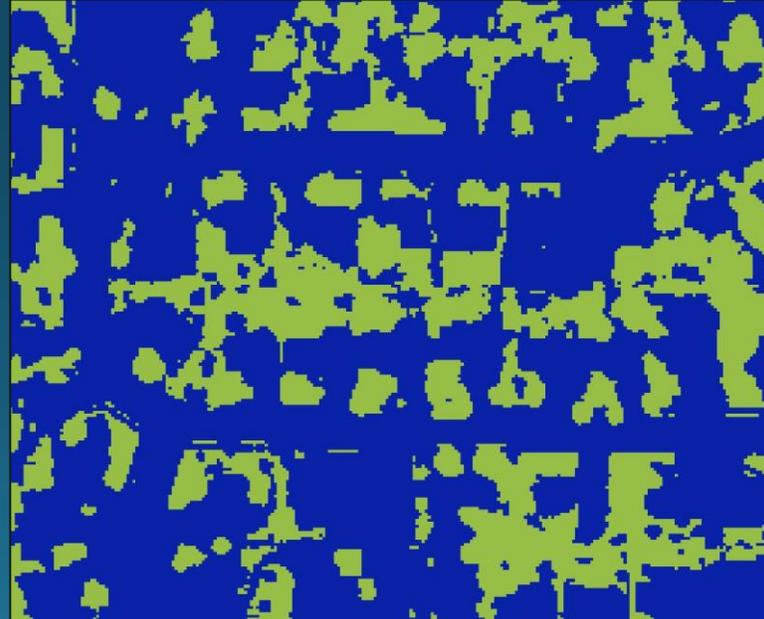


Implementing Recommendations

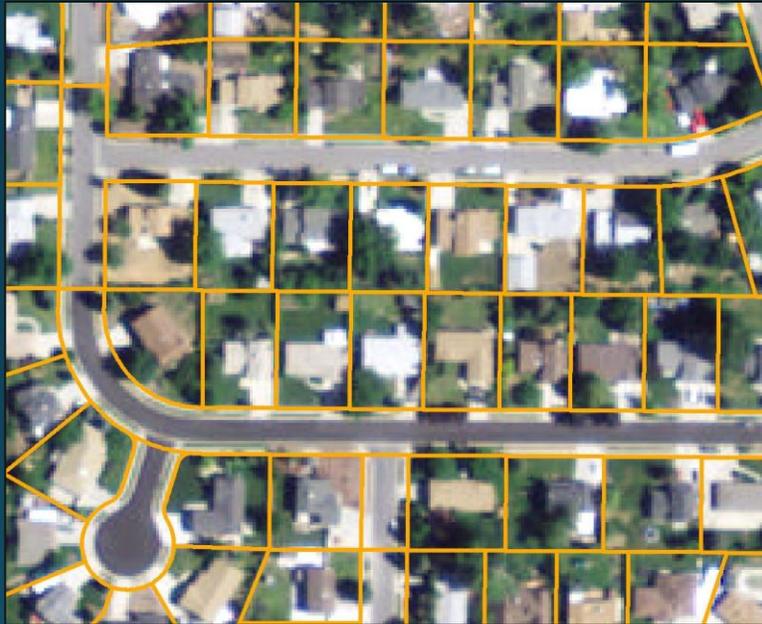
- Streamlining water use data collection program with Division of Water Rights
- Updating secondary water use methodologies and estimates
- Trend analysis
- New Water Demand Model
- Updating State Water Plan

New Secondary Water Use Estimates

- Updating lot size information
- Updating percent green space using NAIP infrared imagery
- Updating application rate



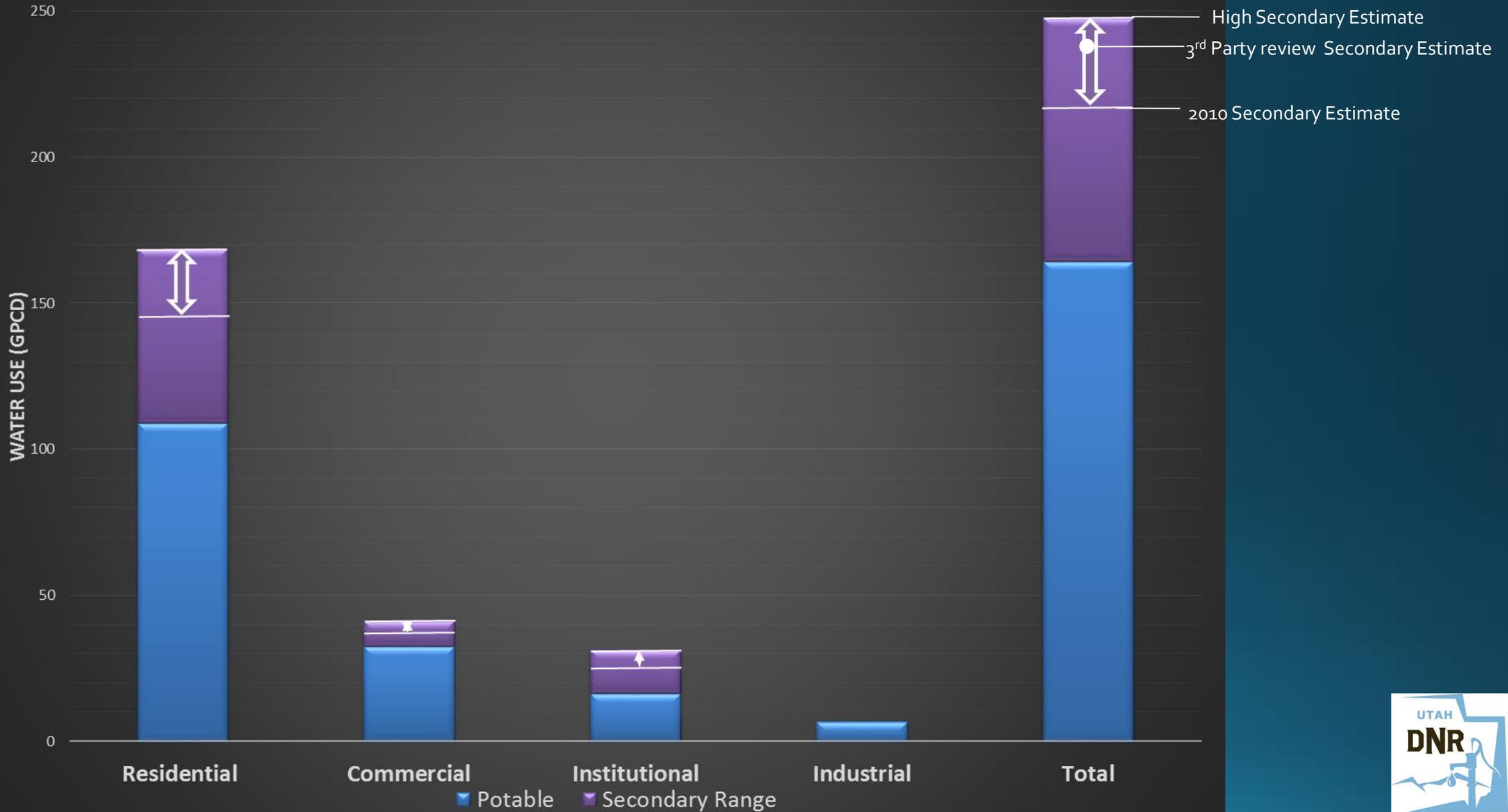
New Secondary Water Use Estimates



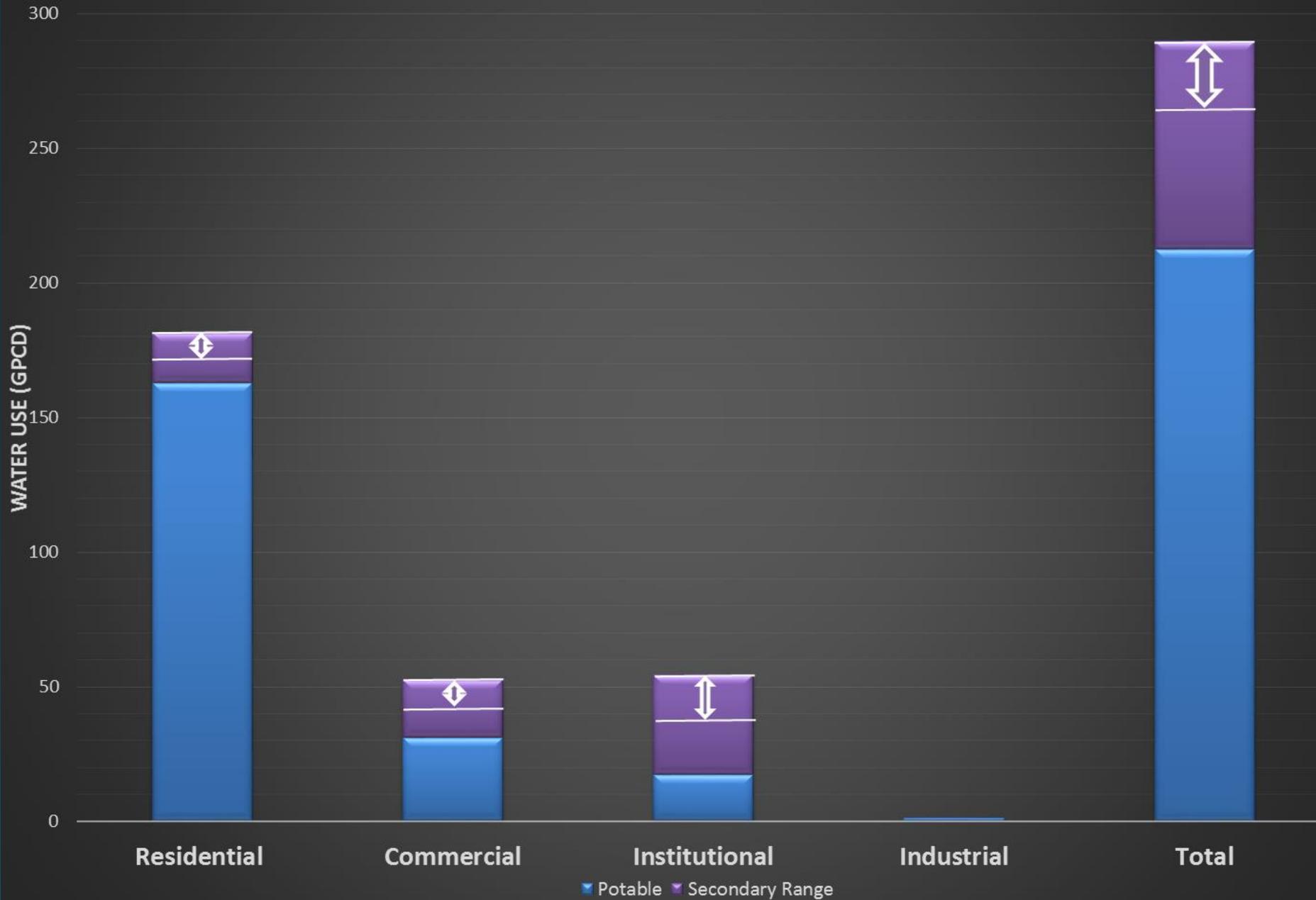
2015 Statewide Preliminary Water Use

Disclaimer: Data is preliminary as we are working to implement all of the 3rd Party Review recommendations

Preliminary 2015 Statewide Water Use



Preliminary 2015 Kanab Virgin River Basin Water Use



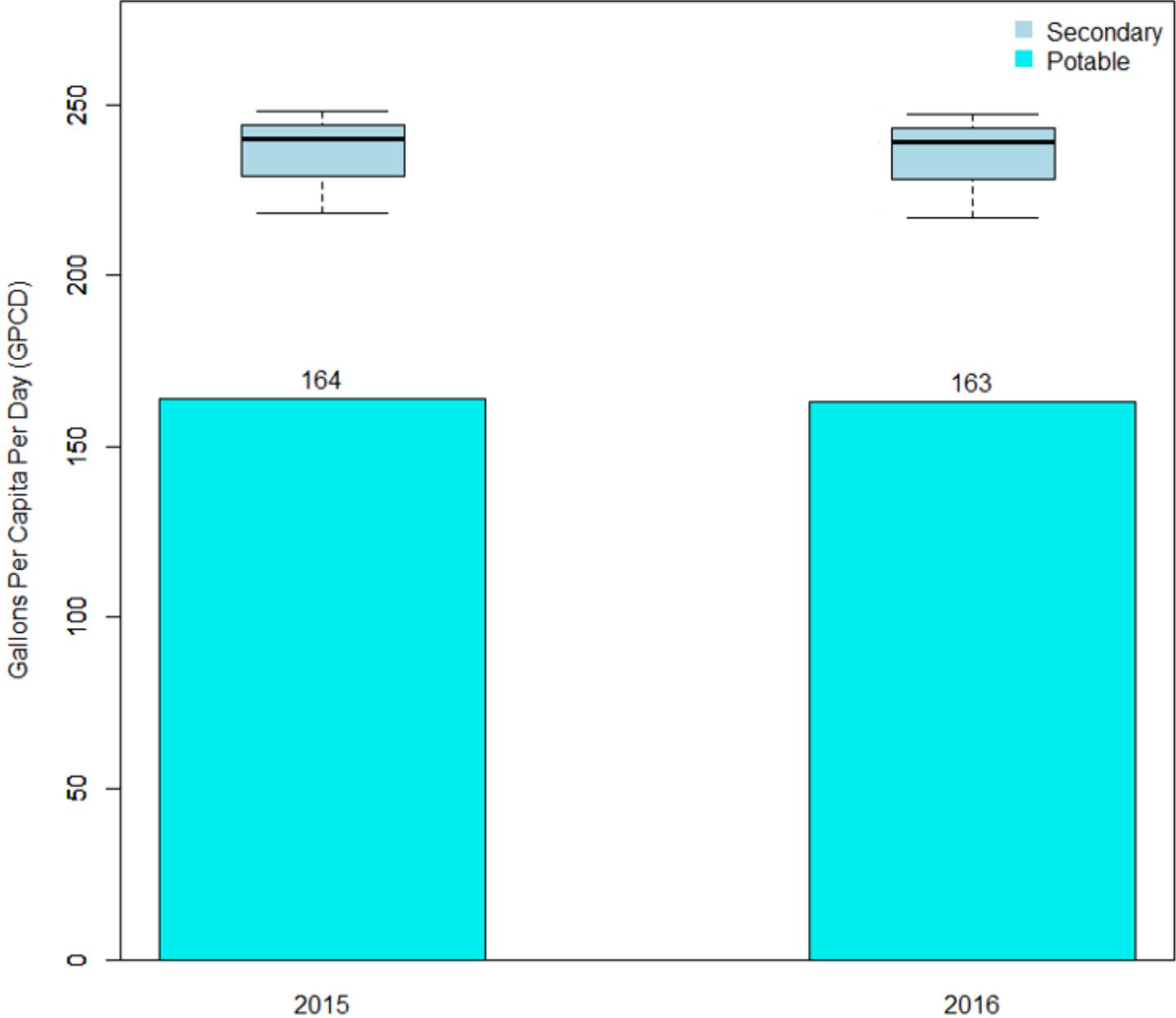
2015 Kanab Virgin Residential Water Use (GPCD)



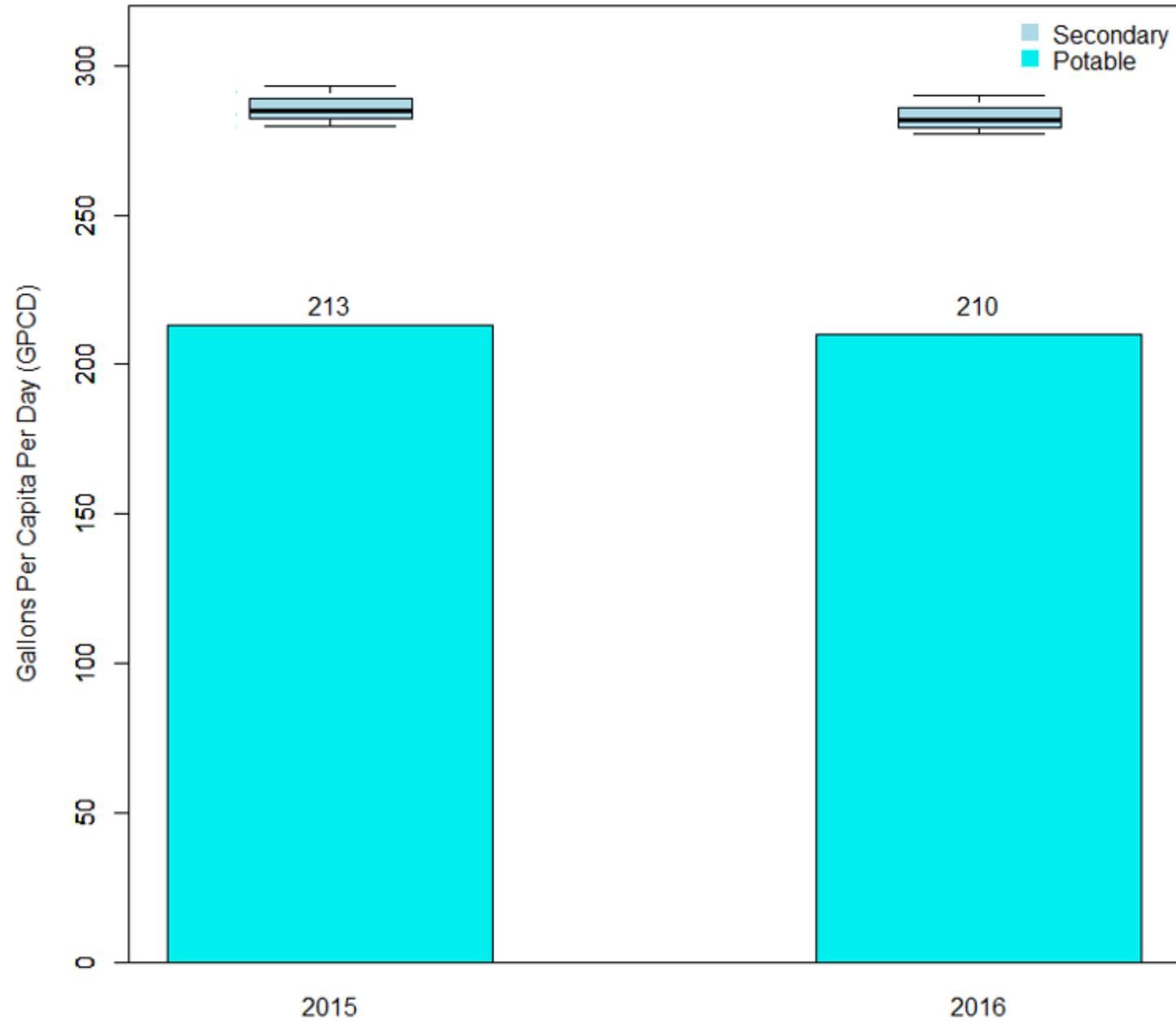
■ Primary Resident

■ Secondary Resident

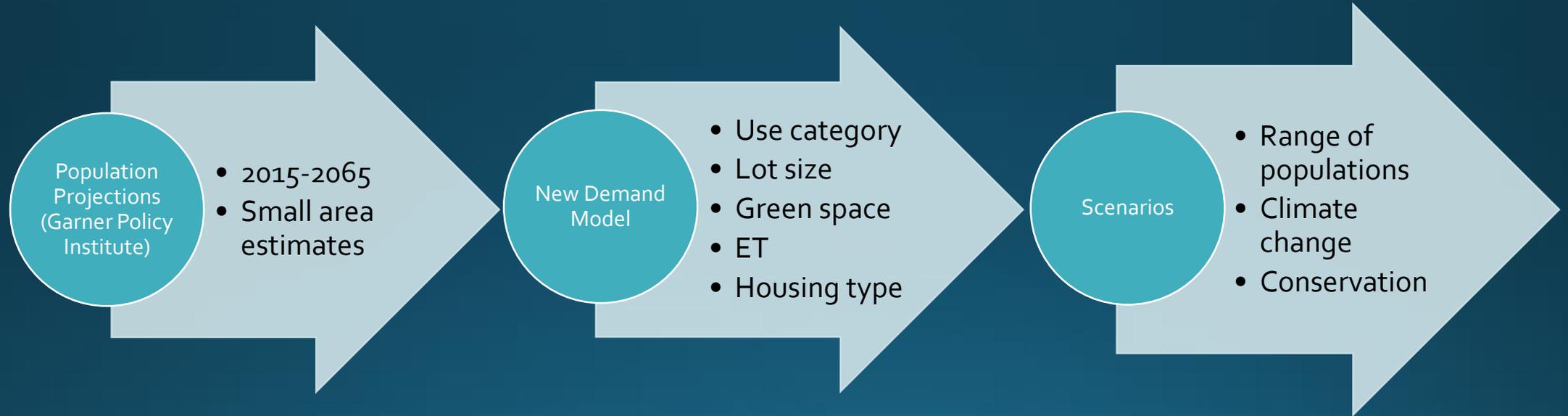
Statewide Per Capita Use



Kanab/Virgin River Per Capita Use



Scenario based Water Demand Model



State Water Plan

Public Outreach

- State Water Plan Outline Feedback – Survey Monkey
- Diverse Advisory Group

Modeling

- RFP to establish regional conservation goals
- Model regional conservation goals
- Scenario base water demand projections and supply estimates

Publication

- Utah's Open Water Data
- End of year

www.water.utah.gov/SWPOutline.html



Increasing Transparency in Water Data



Utah's Open Water Data

To Plan, Conserve, Develop and Protect Utah's Water Resources

Explore Data Categories



2015 Public Community Water System Data

The banner features a scenic landscape with a mountain peak, a waterfall, and a forested hillside under a blue sky with white clouds. The text is overlaid on the top half of the image.

Questions

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