

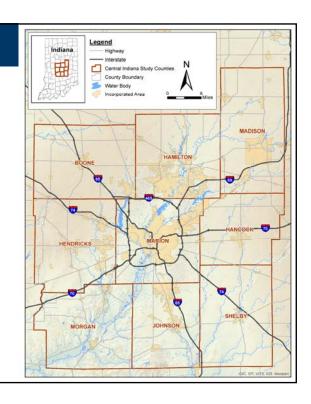
## **Water Demand Forecast**

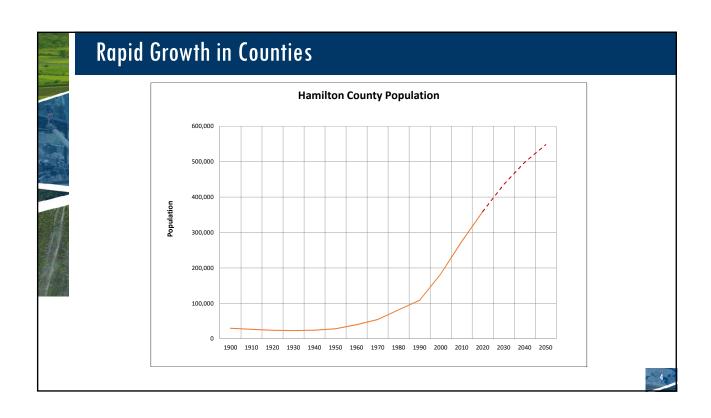
- How do we currently use water?
  - Location
  - Withdrawal rates
  - Source of water lakes and rivers and aquifers
- Future water withdrawals?
  - How will use change?
  - —Seasonal Patterns

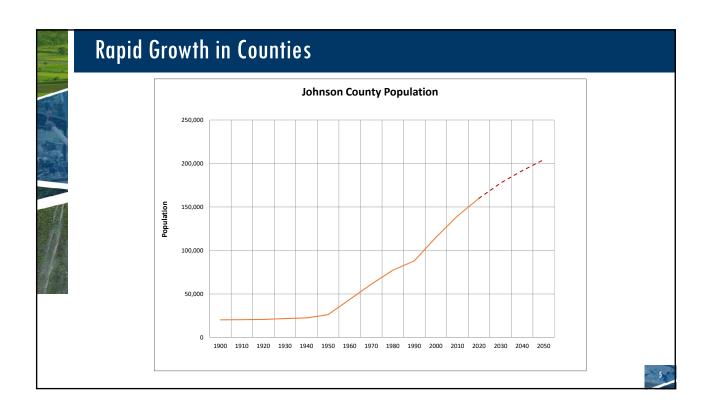
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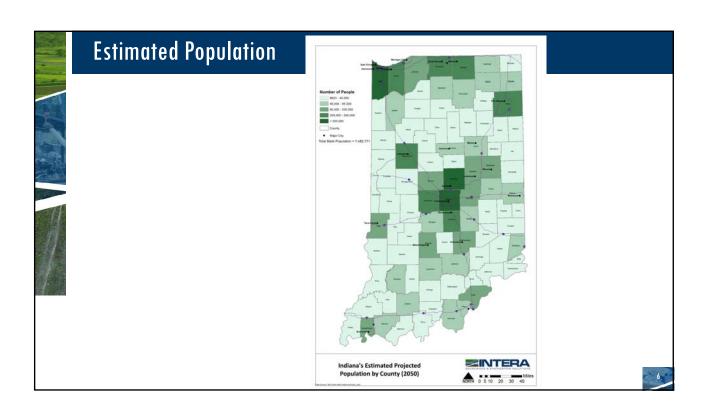
## Central Indiana Region

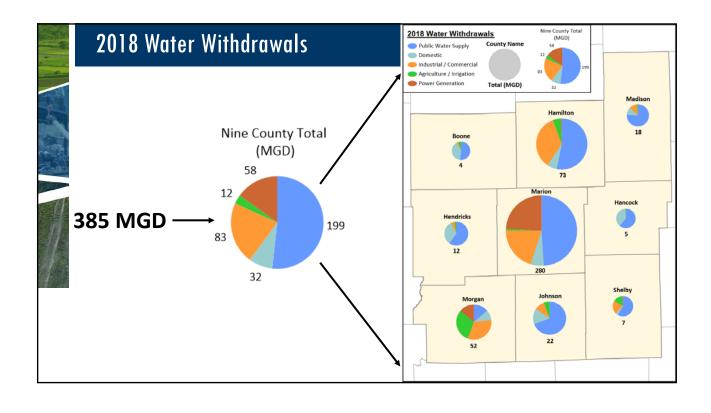
- 9-County Region
- Metro-counties surrounding Indianapolis
- Contains large portion of the Upper White River Watershed
- High population and economic growth
- Central Indiana Utility Collaborative already meeting and sharing data

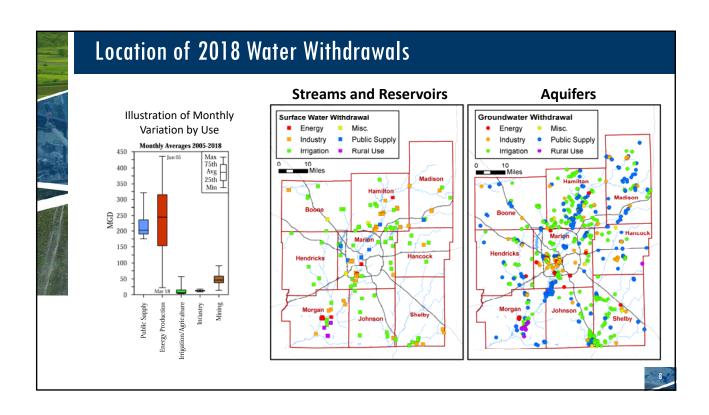


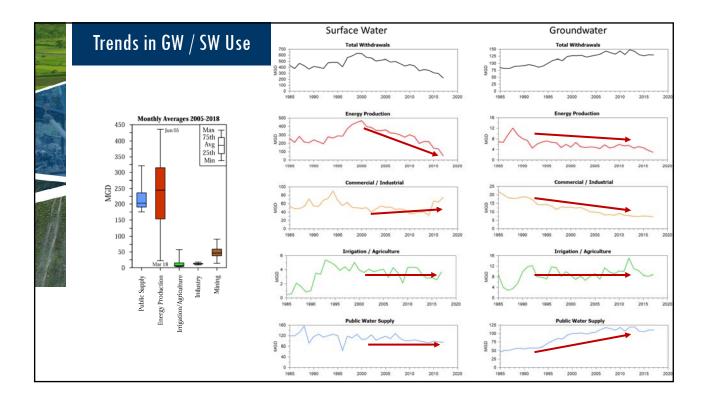


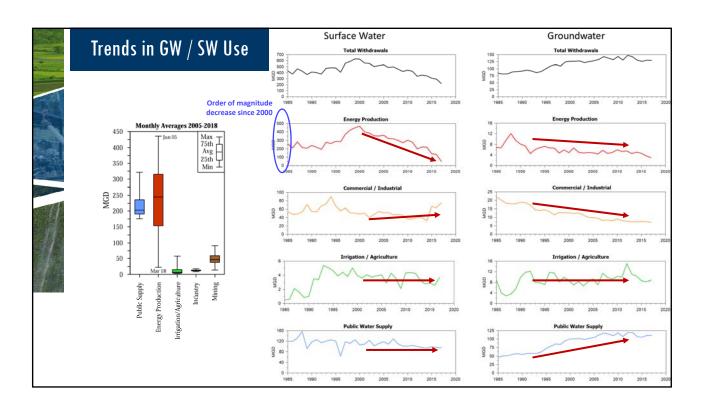


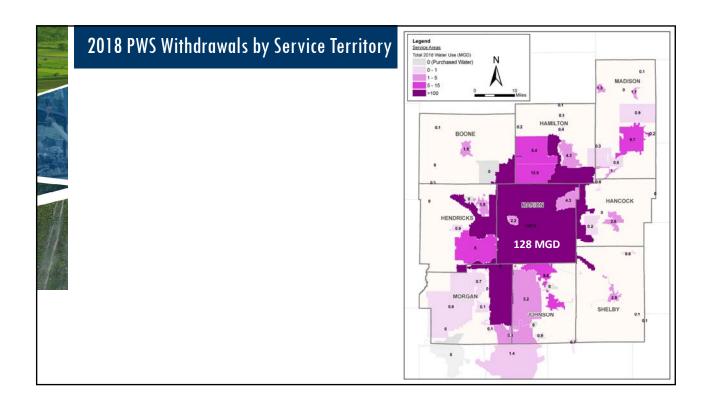


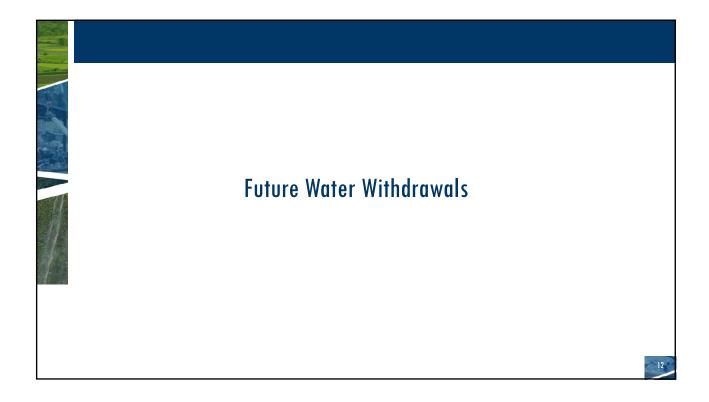


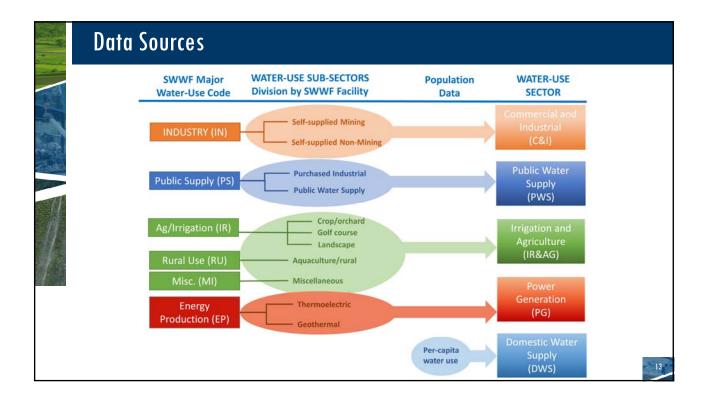


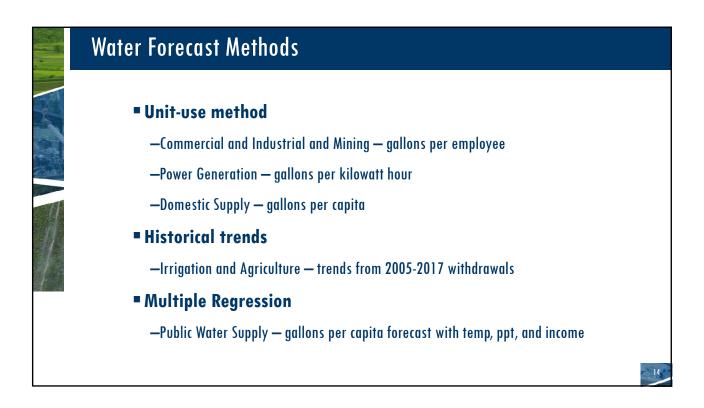


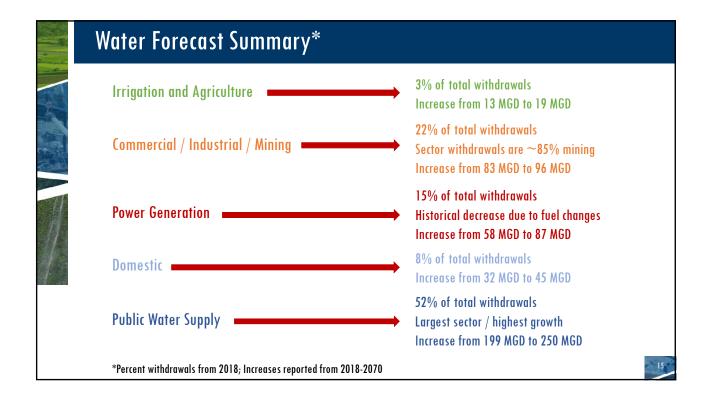


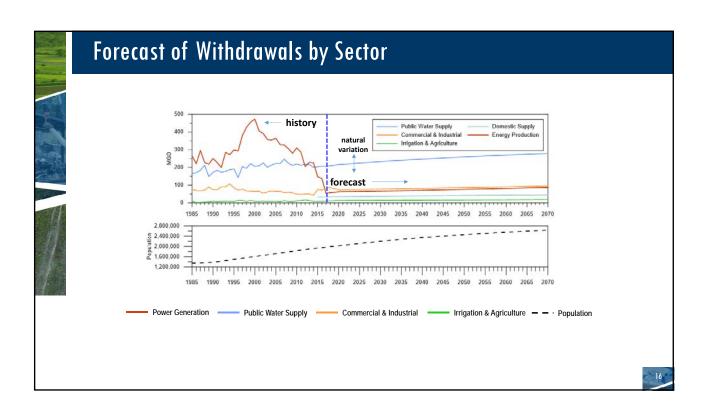


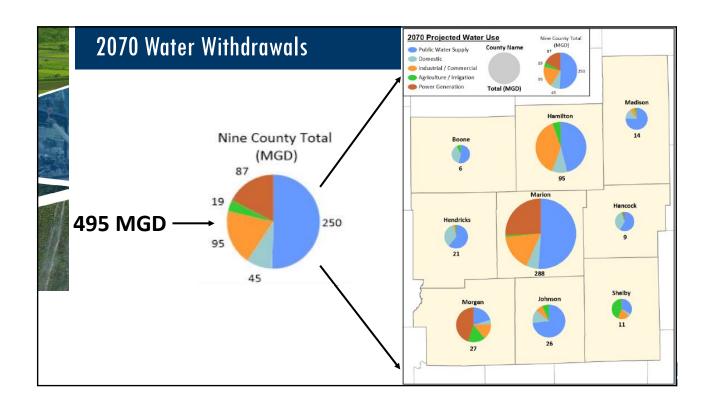


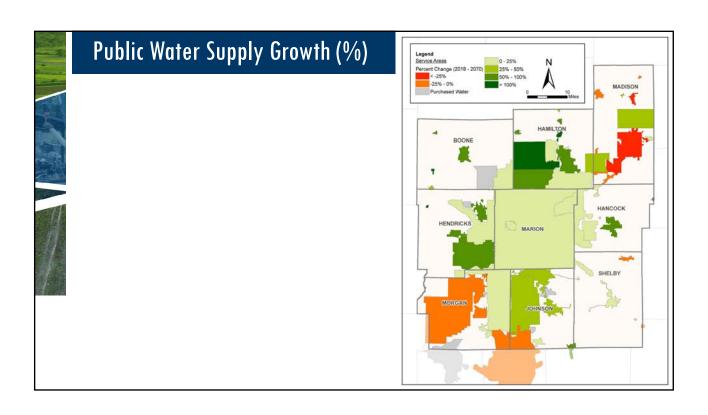


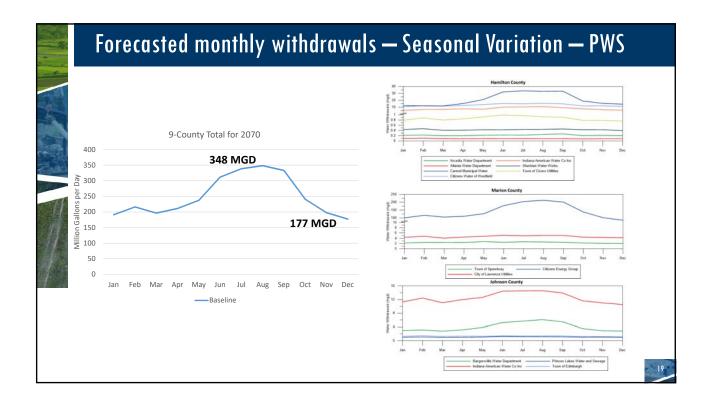












## Climate Change Scenarios Hot / Dry Increase in temperature 3.1 – 3.2°F for 2035 and 6.0 – 6.2 °F in 2060 Decrease in precipitation 0.3 – 0.6% in 2035 and 0.5 – 1.2 % in 2060 Warm / Wet Increase in temperature 2.3°F for 2035 and 4.4 – 4.5 °F in 2060 Increase in precipitation 6.0 – 6.5% in 2035 and 11.7 – 12.6% in 2060 30% Drought Increase in temperature 3.1 – 3.2°F for 2035 and 6.0 – 6.2 °F in 2060 Decrease in precipitation 30% from Hot/Dry scenario

