

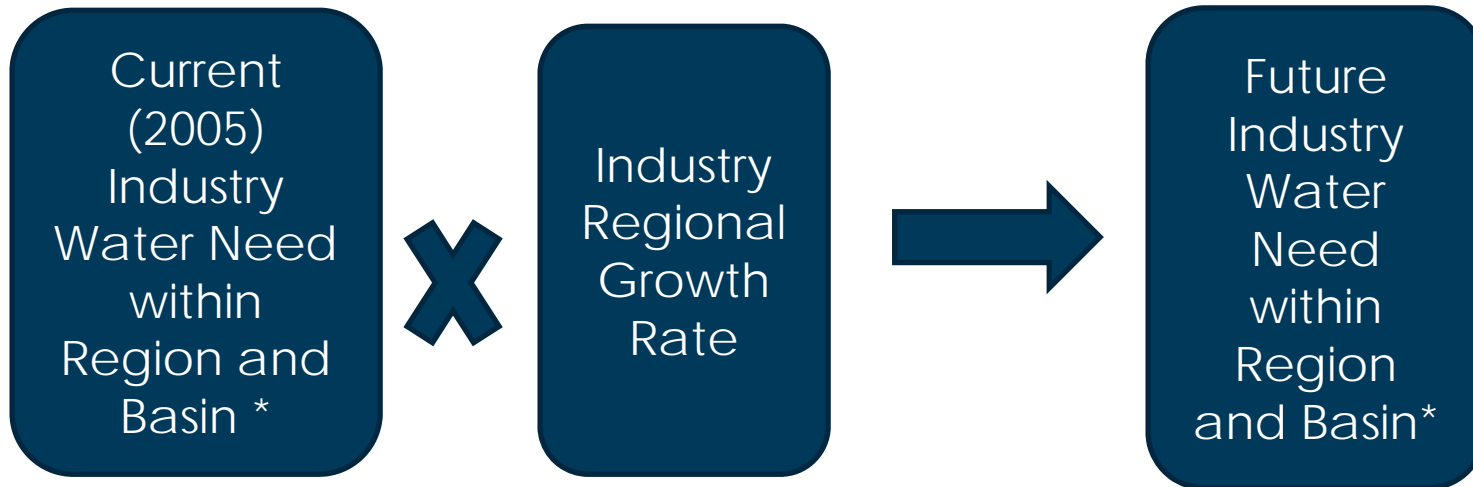


Georgia's State Water Plan

Industrial Water and Wastewater Demand Forecast Review

www.georgiawaterplanning.org

Industrial Water Forecast



* Or Aquifer

- Water is needed for industrial processes, sanitation, cooling, and employee use
- Water use is linked to production; in absence of production data, water use is a function of employment
- Updated employment data are not available, therefore industrial forecasts are not being updated at this time

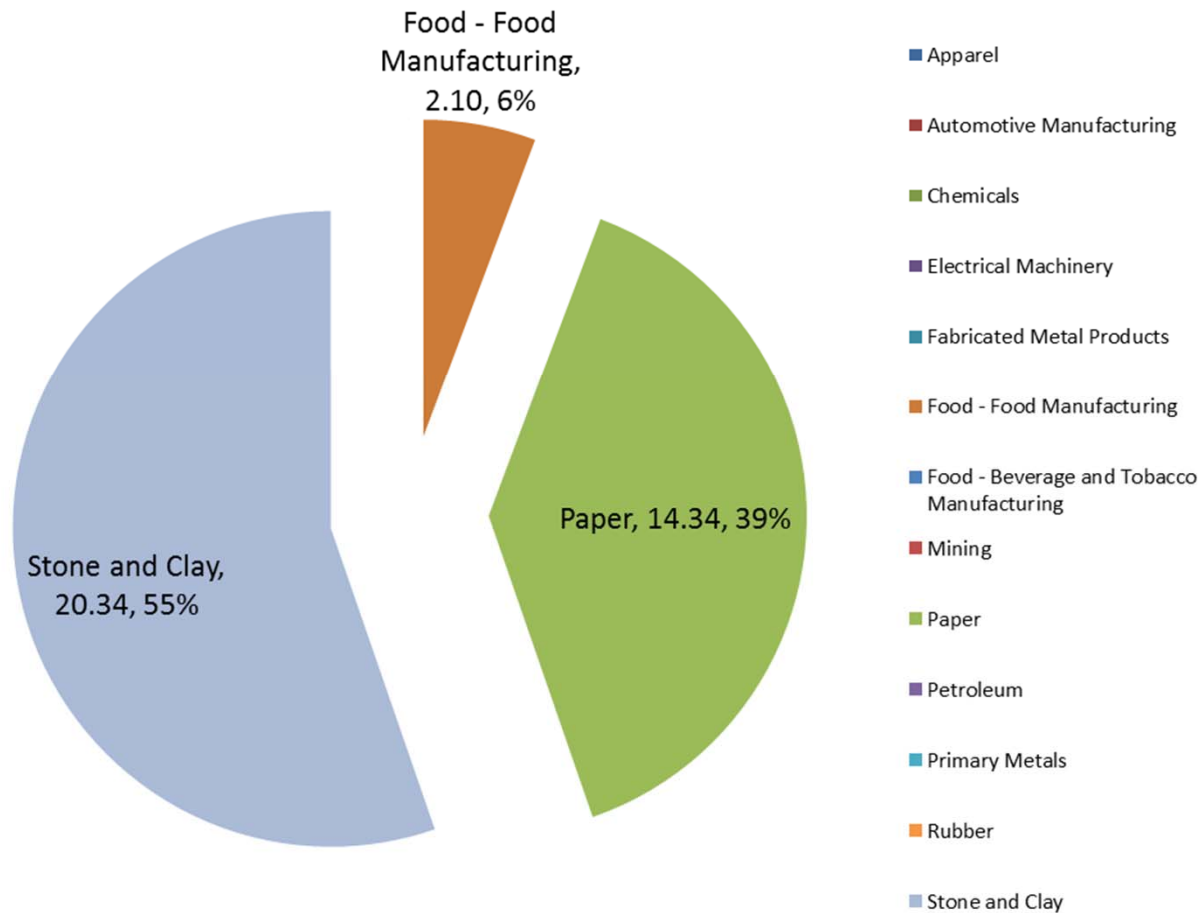
Industrial Water & Wastewater Demand

- EPD recommends maintaining Round 1 estimates of industrial water & wastewater forecasts
- Regional Councils are encouraged to review Round 1 projections
- Councils should identify any significant changes to the region that may influence projections

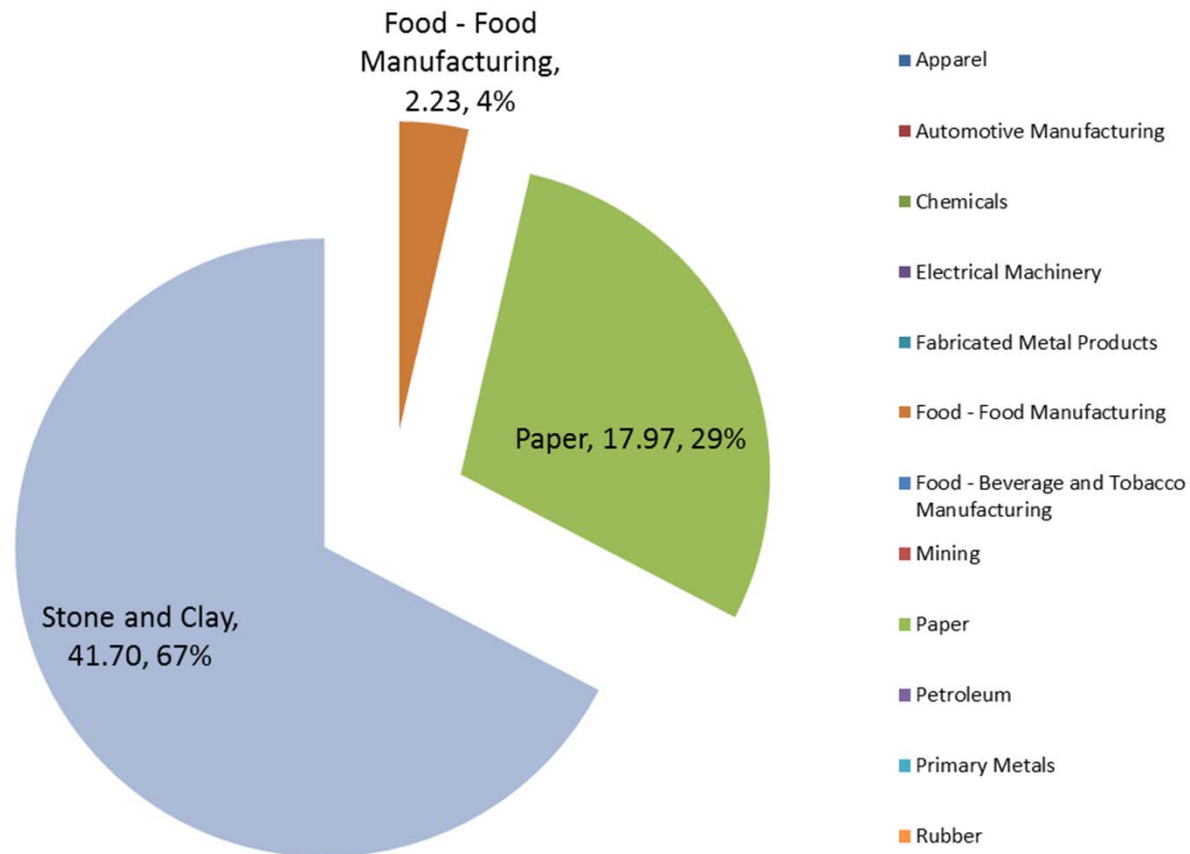
Major Water-Using Industries in Georgia

Industry	SIC Code	NAICS Code	Industry	SIC Code	NAICS Code
Apparel	23	315	Paper	26	322
Transportation Equipment	37	336	Petroleum and Coal Products	29	324
Chemicals	28	325	Primary Metals	33	331
Electrical Equipment	36	335	Plastic and Rubber	30	326
Fabricated Metal Products	34	332	Nonmetallic Mineral Products (includes Kaolin)	32	327
Food	20	311	Textile Mills	22	313
Beverage and Tobacco	20	312	Textile Product Mills (includes Carpet)	22	314
Mining	14	212	Automobile	37	336

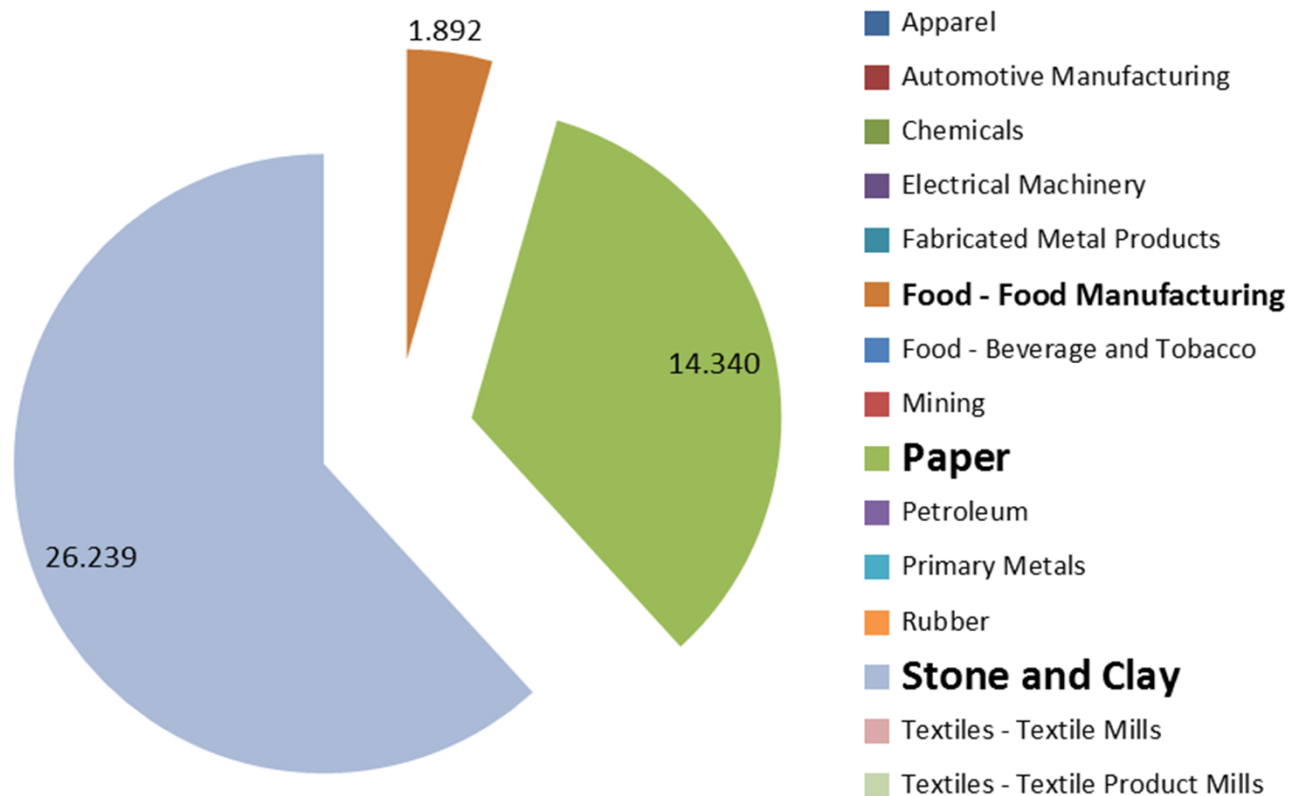
Withdrawals by Industry (MGD) : Middle Ocmulgee 2010



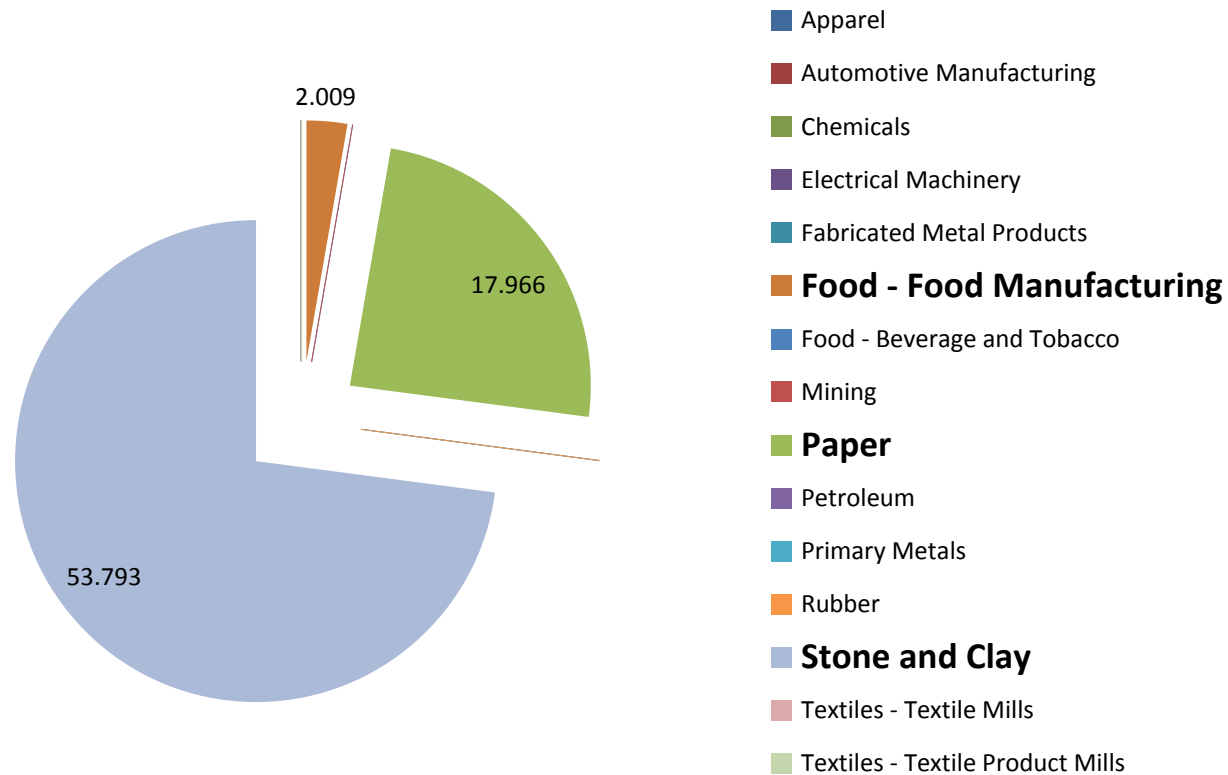
Withdrawals by Industry (MGD) : Middle Ocmulgee 2050



2010 Wastewater by Industry

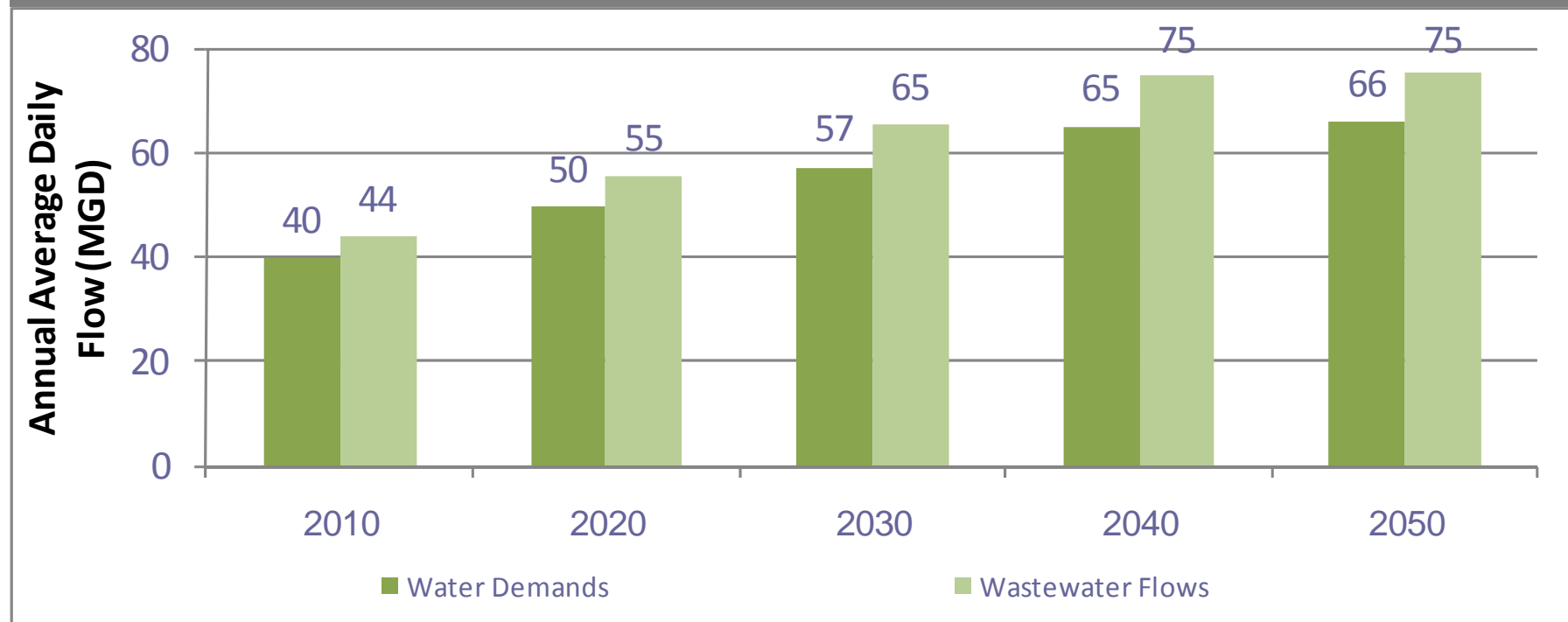


2050 Wastewater by Industry (MGD)



Region Industrial Water Demand Forecast Middle Ocmulgee

Figure 3: Industrial Water & Wastewater Forecast (AAD-MGD)



Source: JJG/Jacobs Municipal Water Demand Forecasts (July 2010)

Note: Includes public- and self-supplied industries. The projected wastewater quantity is higher than water demand because Georgia's stone and clay industry discharges approximately 29 percent more than it with draws. Reusing captured stormwater is a common practice by the industry.

Figure 3: Middle Ocmulgee Regional Water Plan