

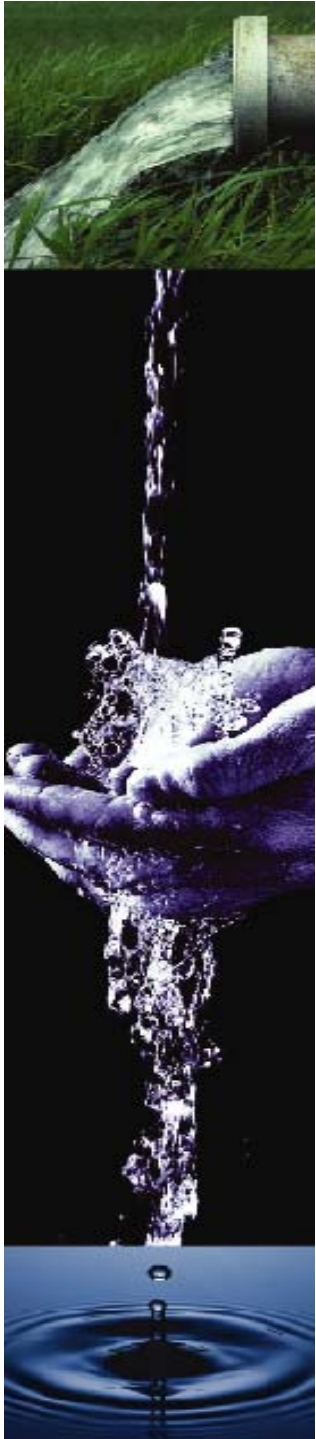
Water and Wastewater Rate Survey Results and Industry Trends

*New England Water Works Association
2009 Annual Conference*

Presented by Harold Smith

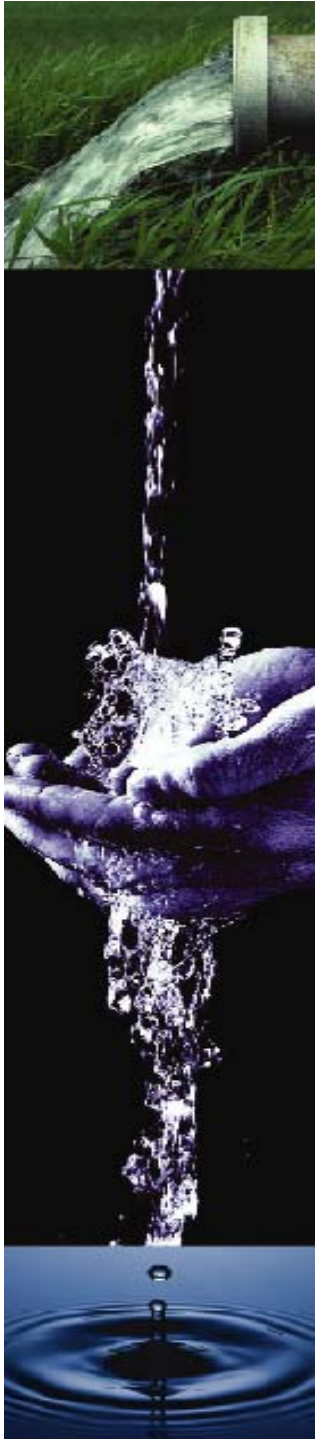
September 23, 2009

RFC
RAFTELIS FINANCIAL
CONSULTANTS, INC.



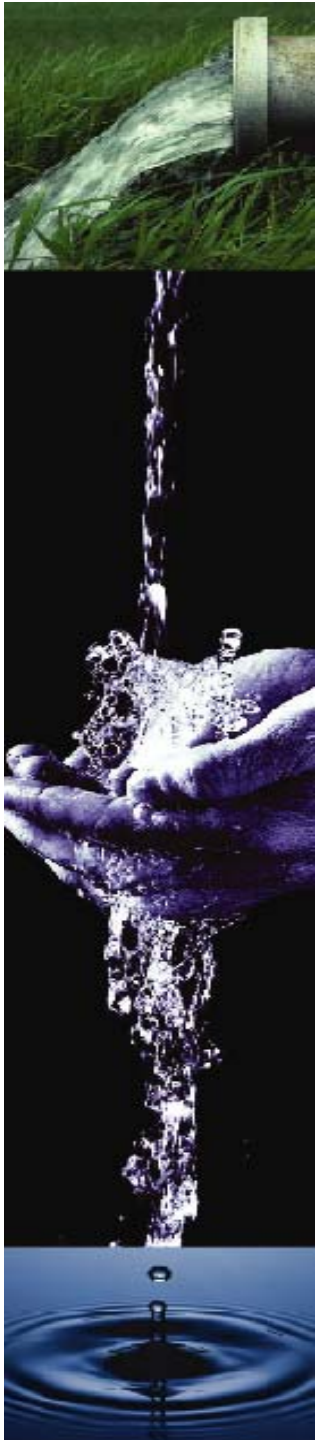
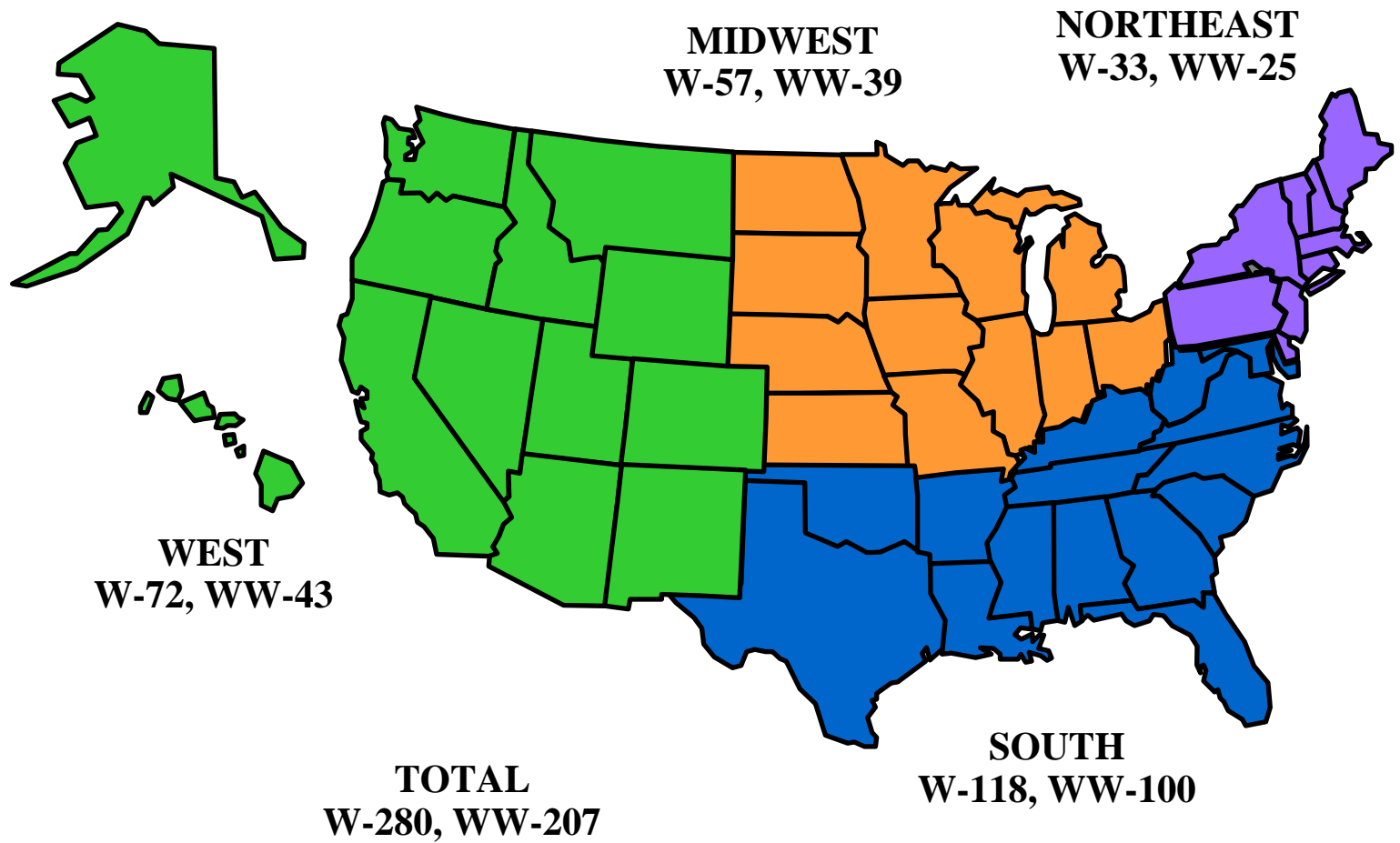
Presentation Outline

- ❑ Overview of Survey Participants
- ❑ Survey Results
- ❑ Industry Trends

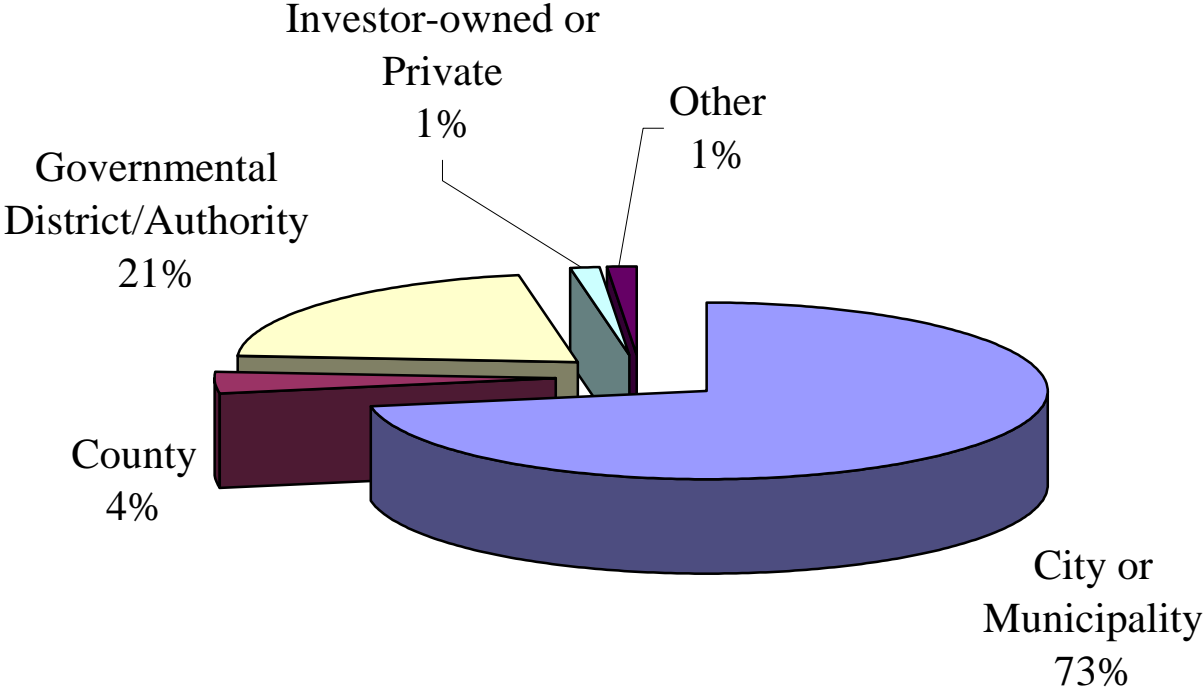


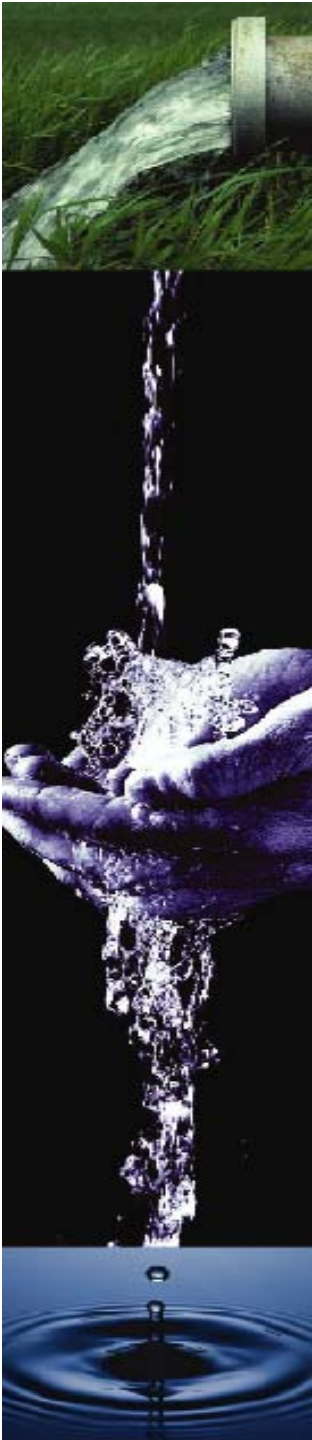
Overview of Survey Participants

Distribution of Respondents

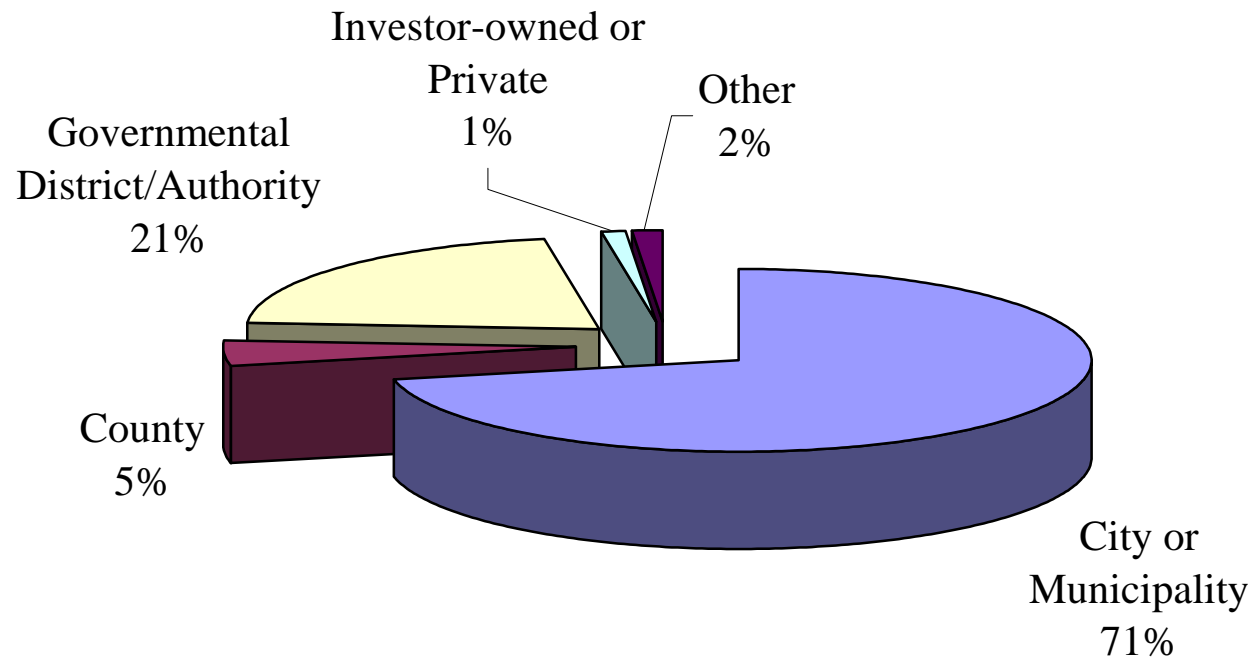


Ownership - Water

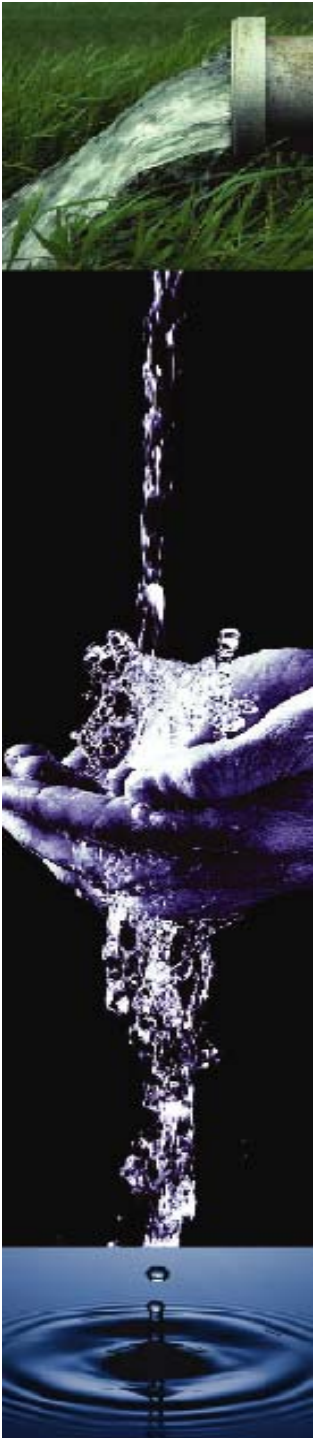




Ownership - Wastewater

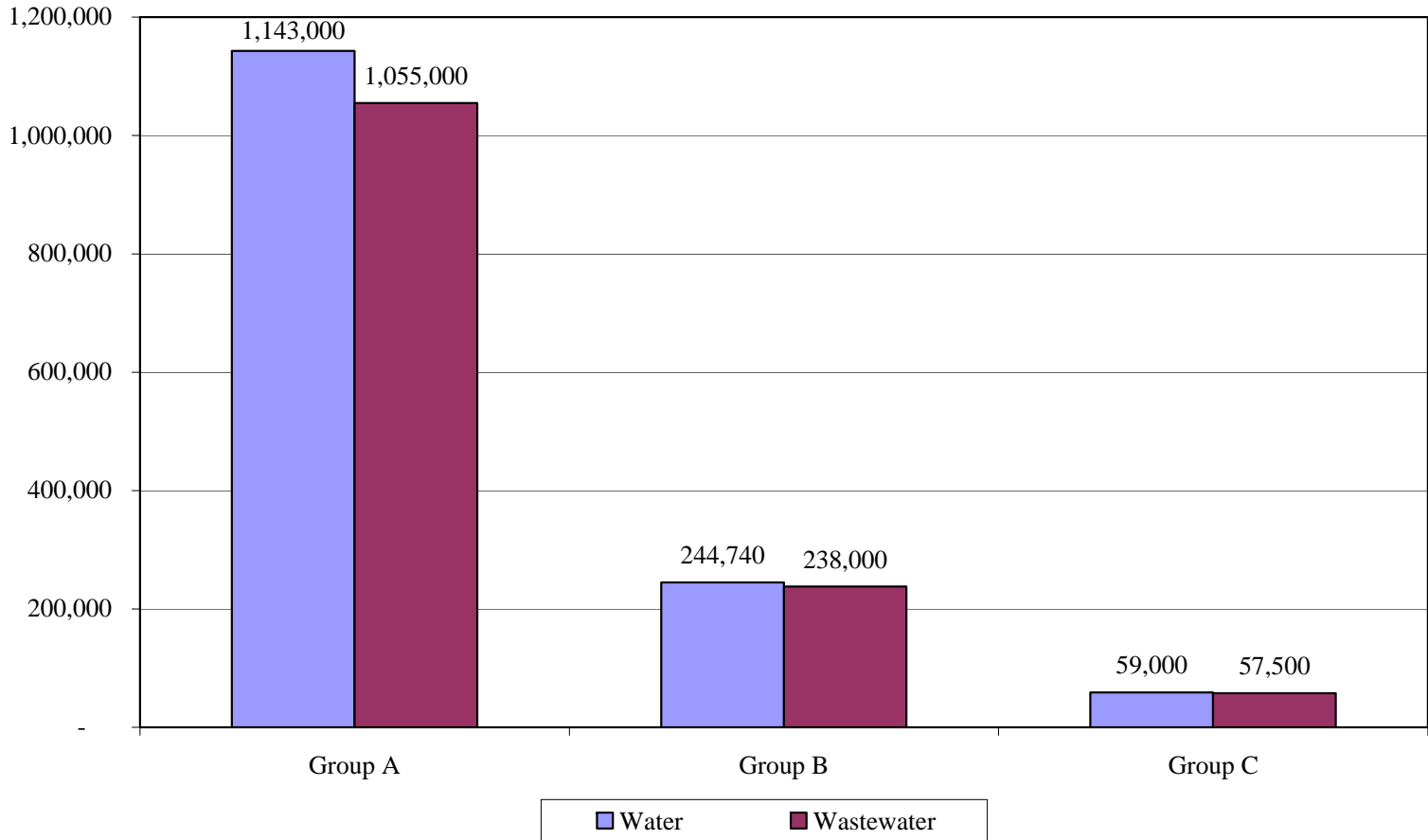
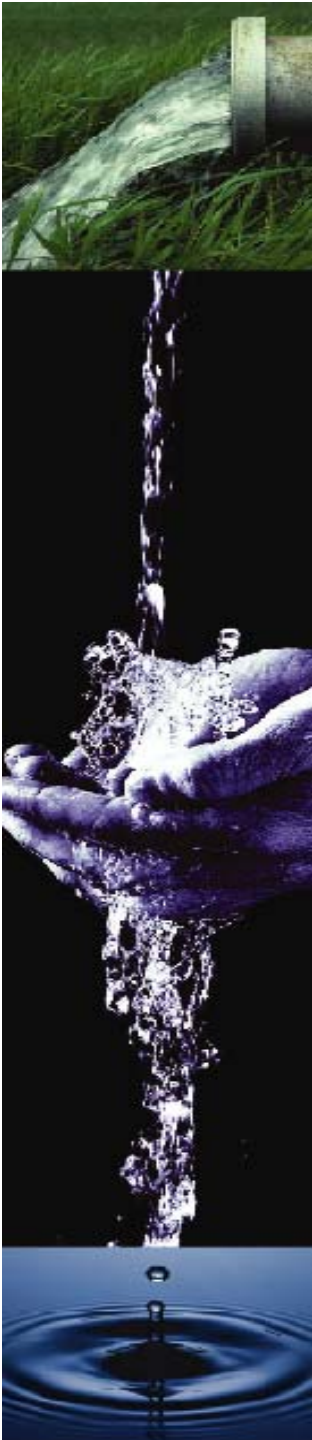


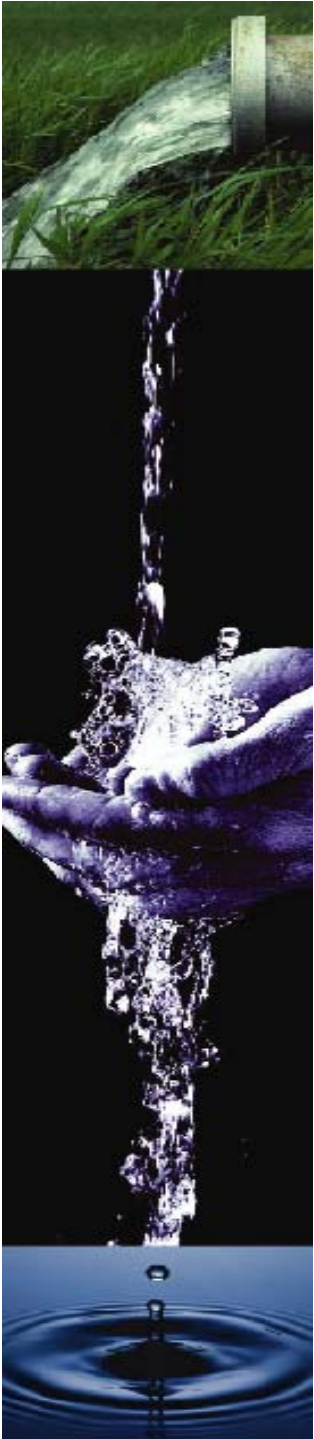
Data Grouping



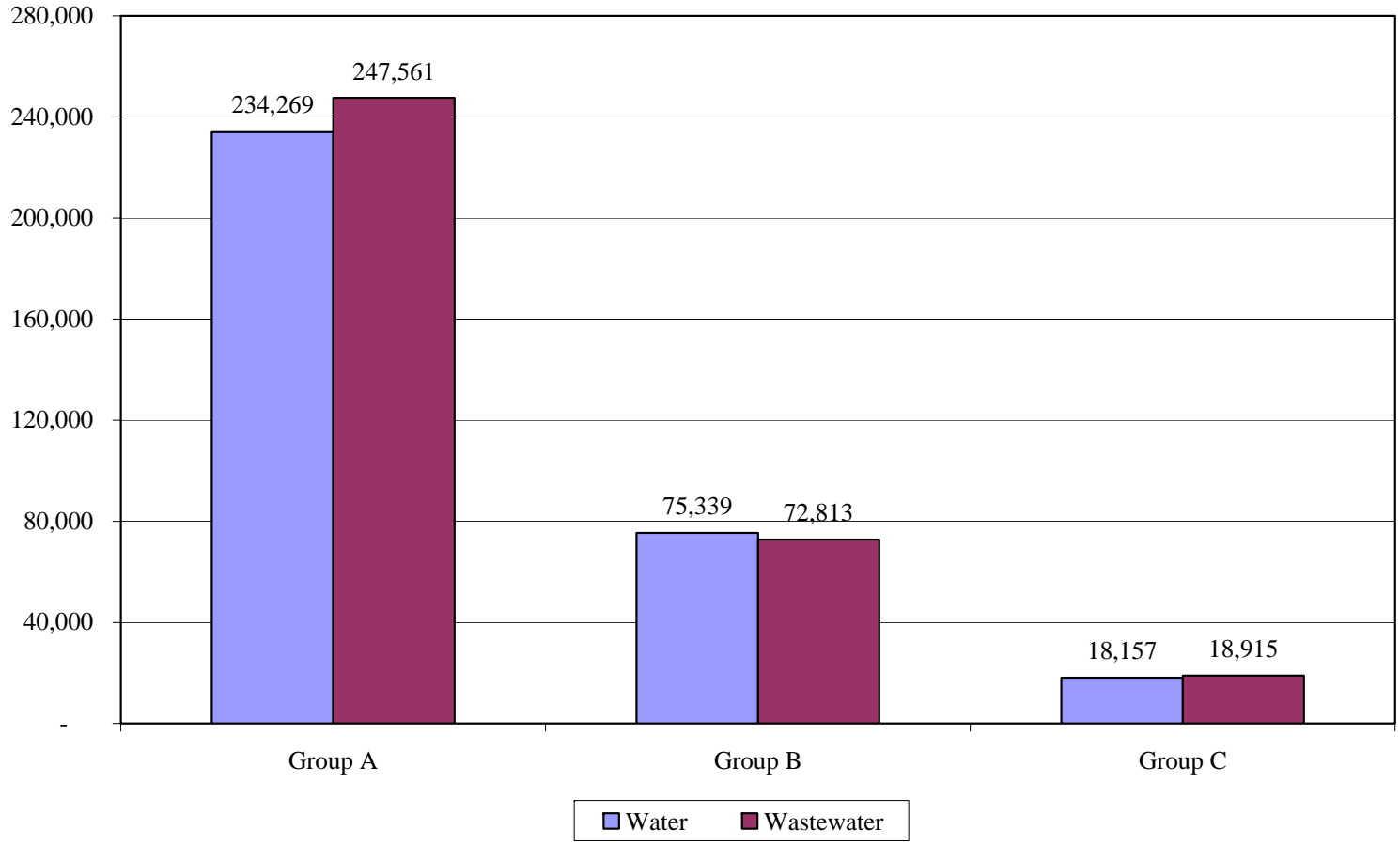
	Water	Wastewater
Group A	>75 MGD Sold	>70 MGD Treated
Group B	20 to 75 MGD Sold	20 to 70 MGD Treated
Group C	<20 MGD Sold	<20 MGD Treated

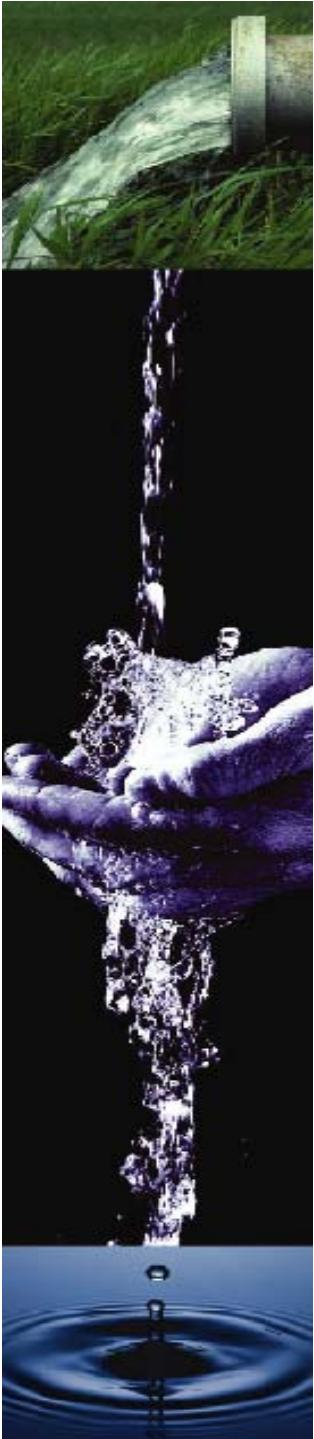
Median Service Populations



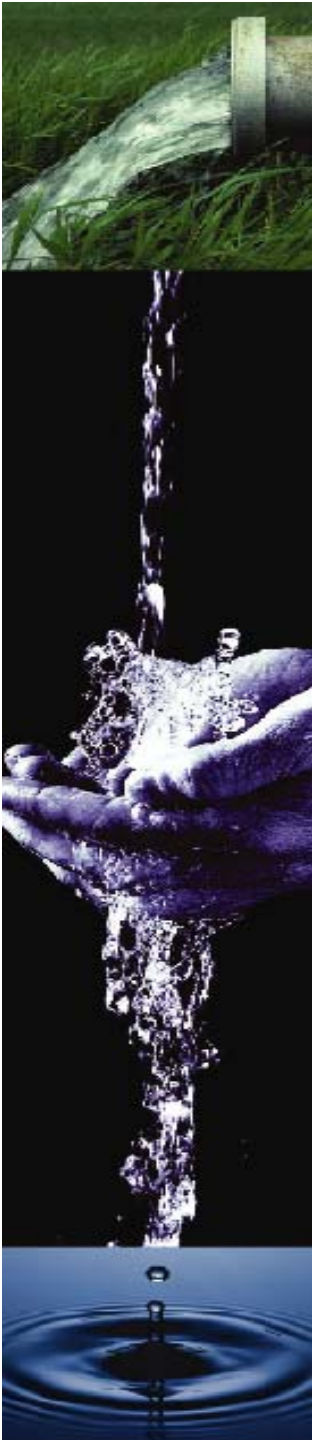


Median Number of Accounts



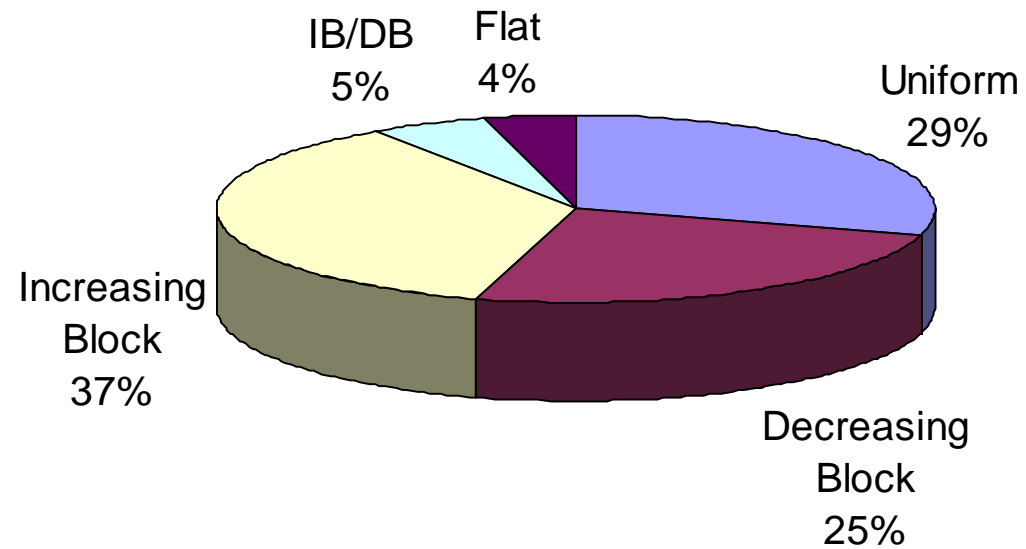


Survey Results



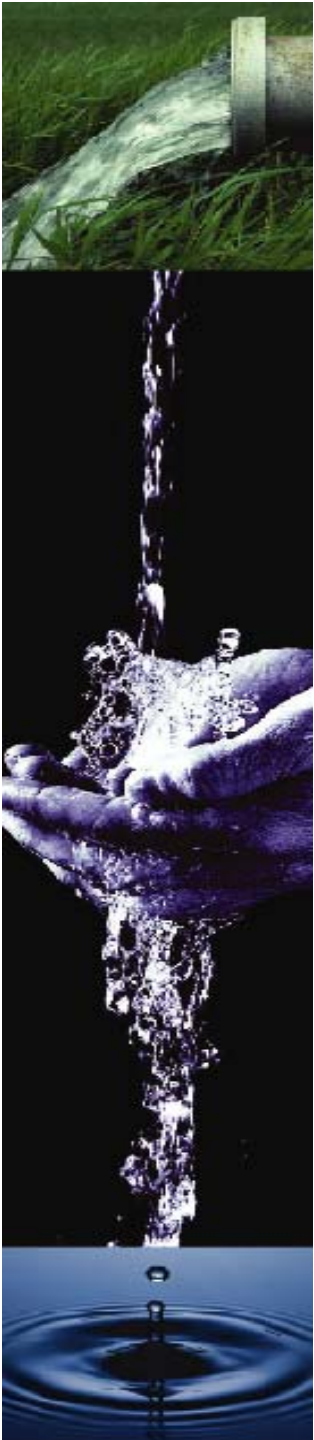
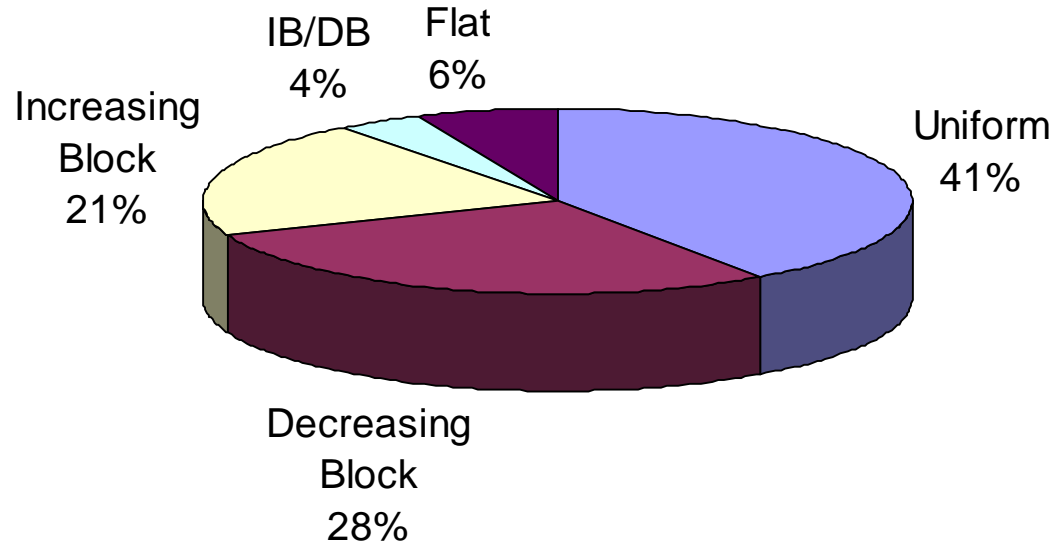
Water Rate Structure

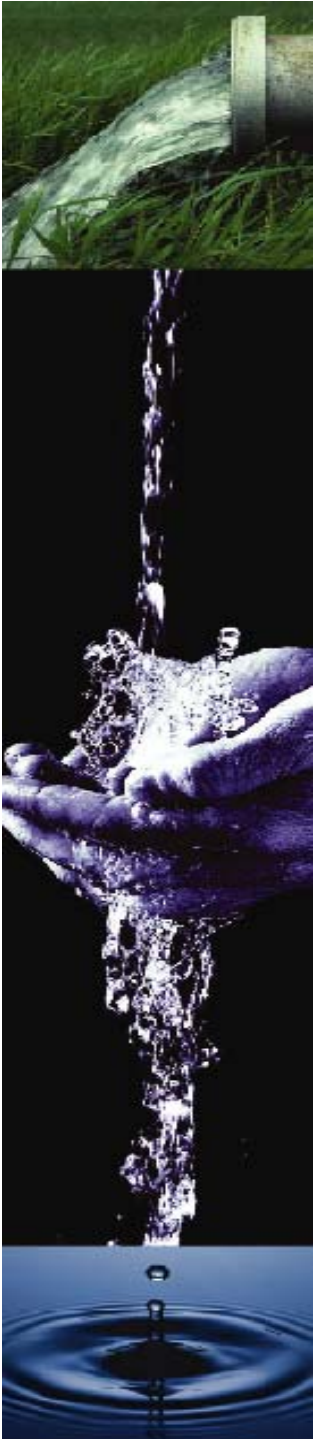
Residential



Water Rate Structure

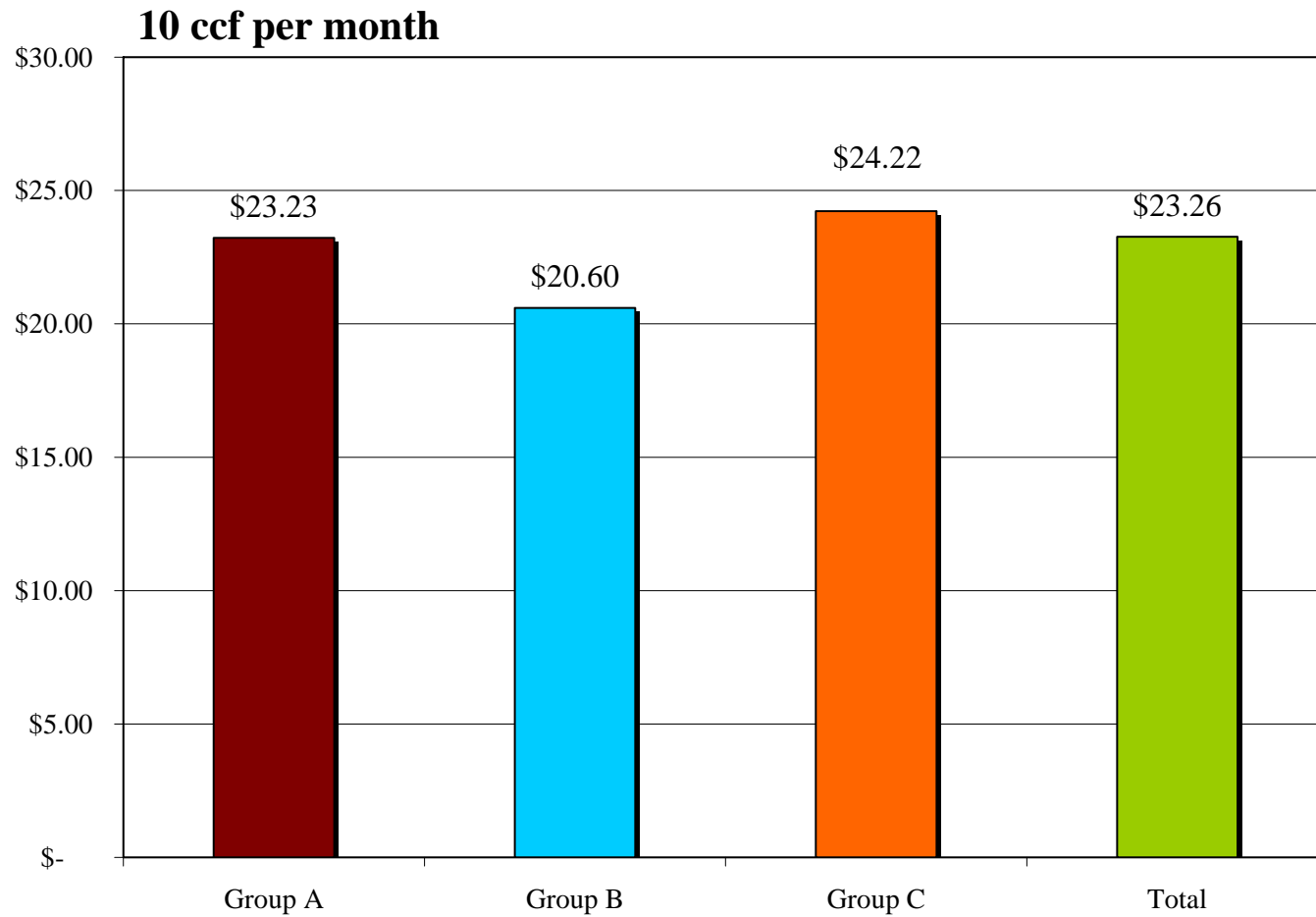
Non-Residential





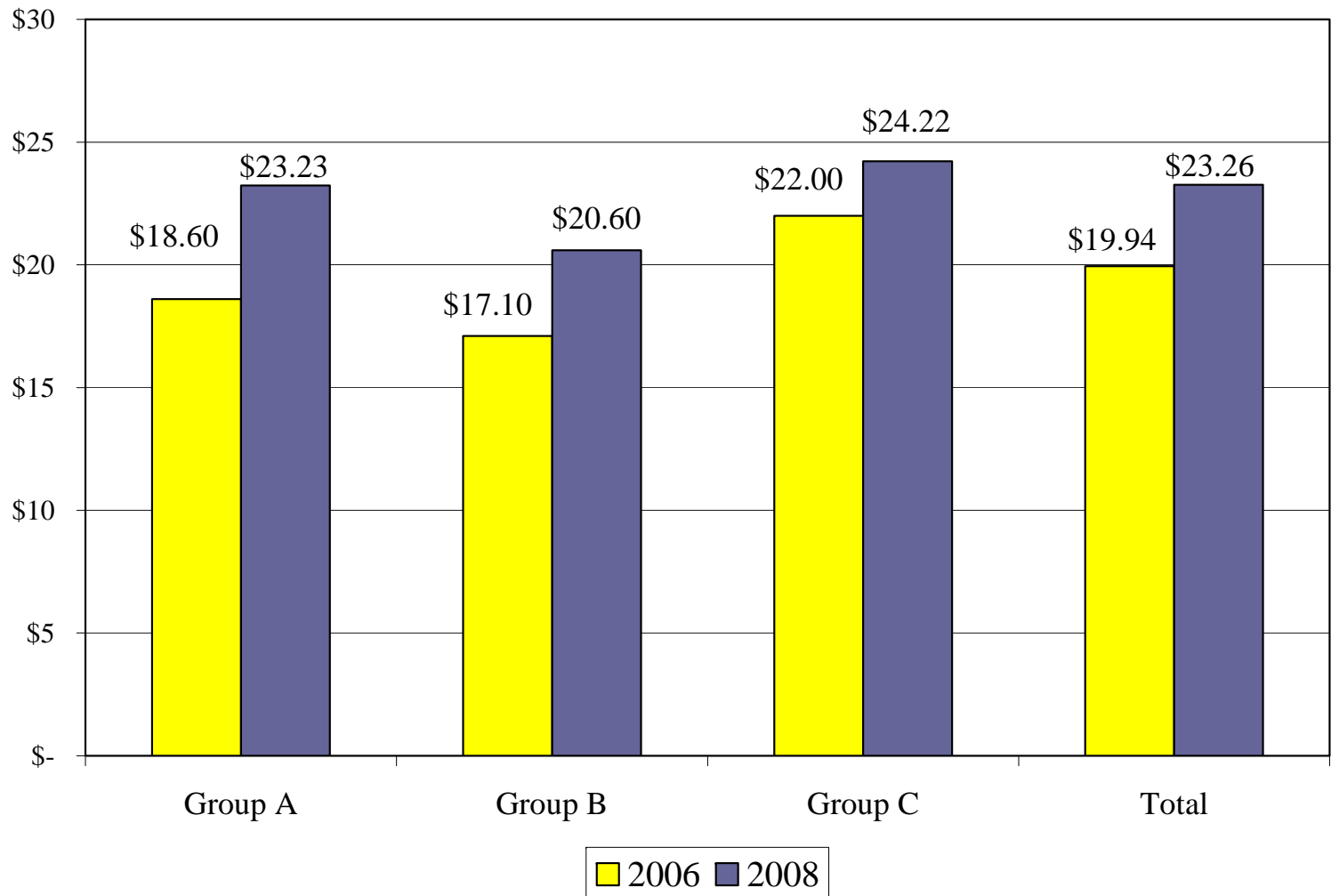
Median Residential Water Charge

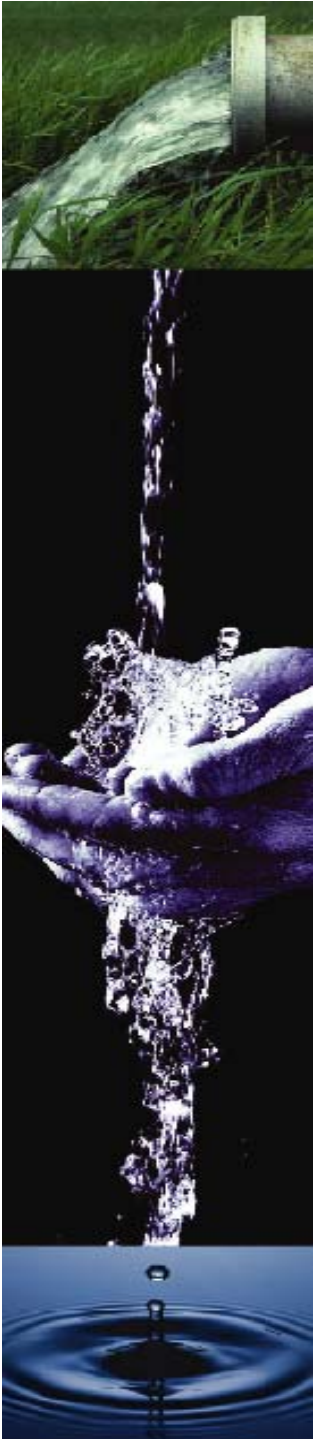
By Size



Water Charge Comparison

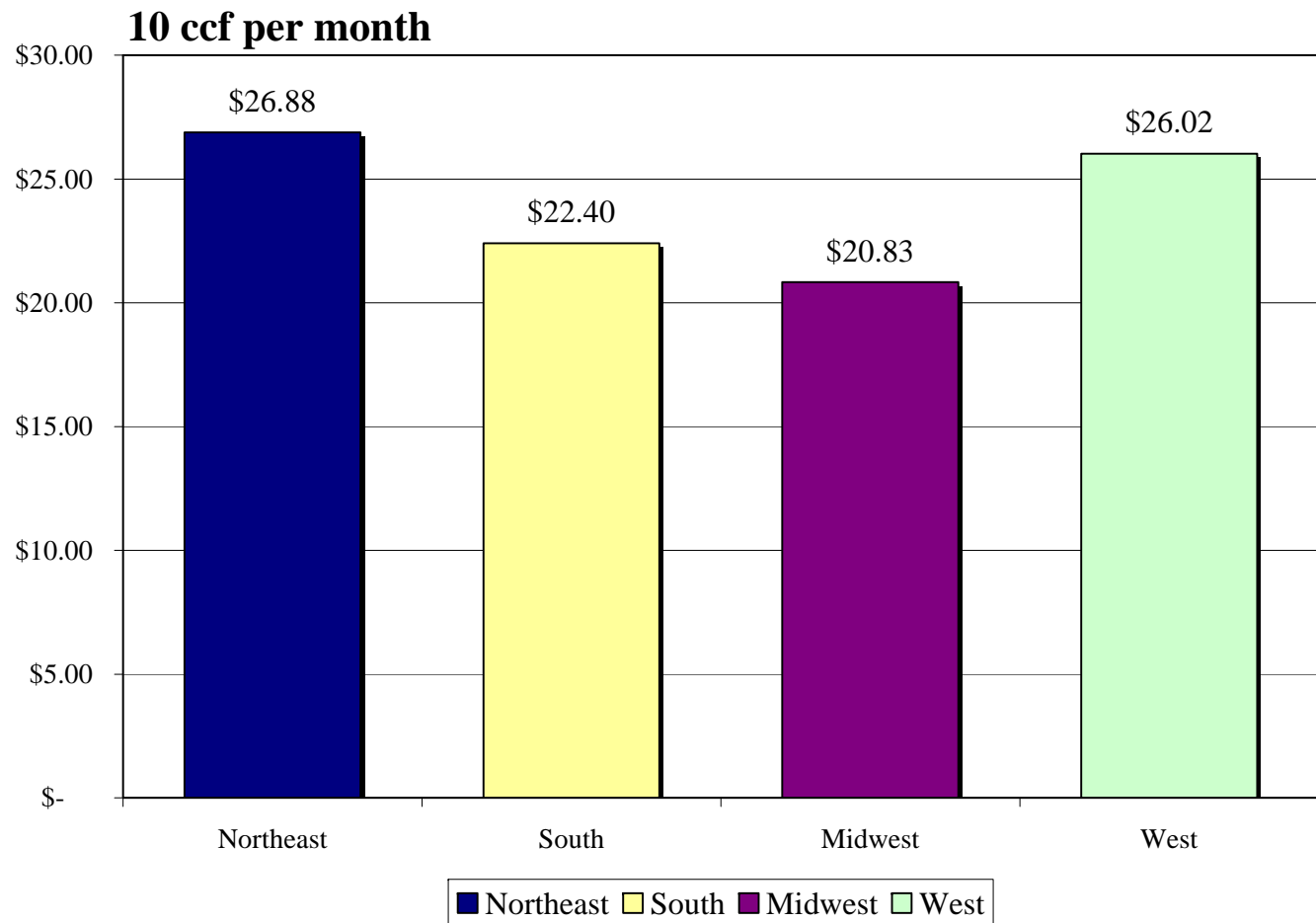
10 ccf per month

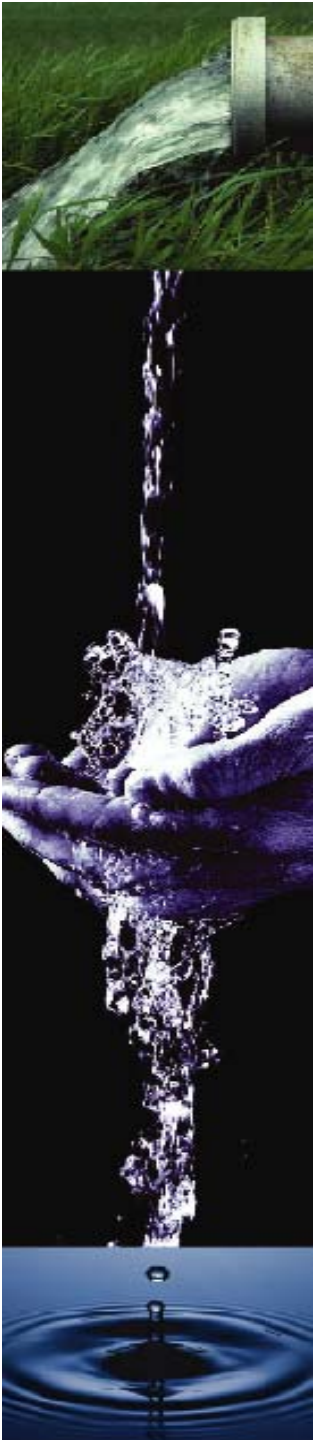




Median Residential Water Charge

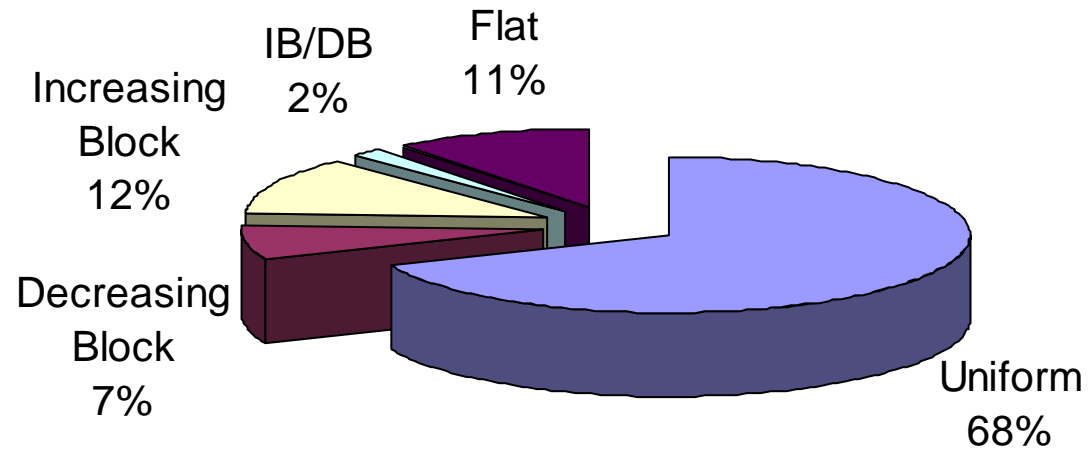
By Region

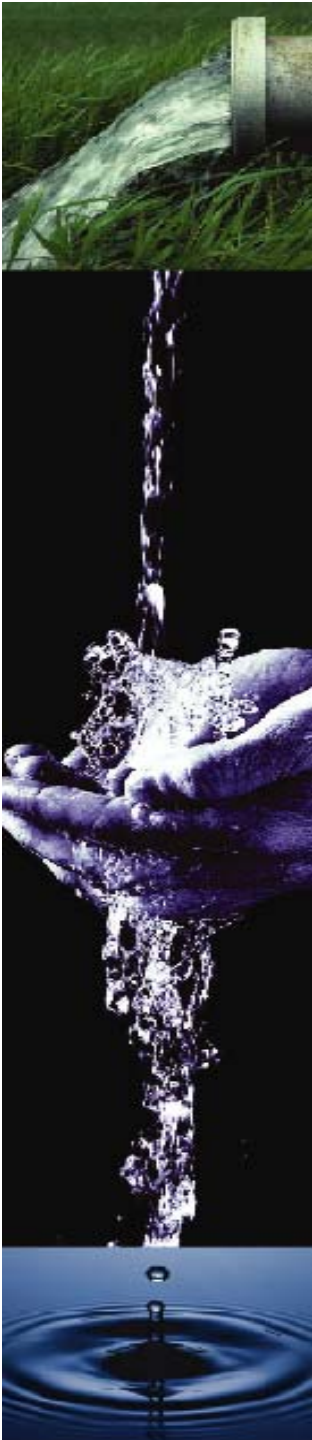




Wastewater Rate Structure

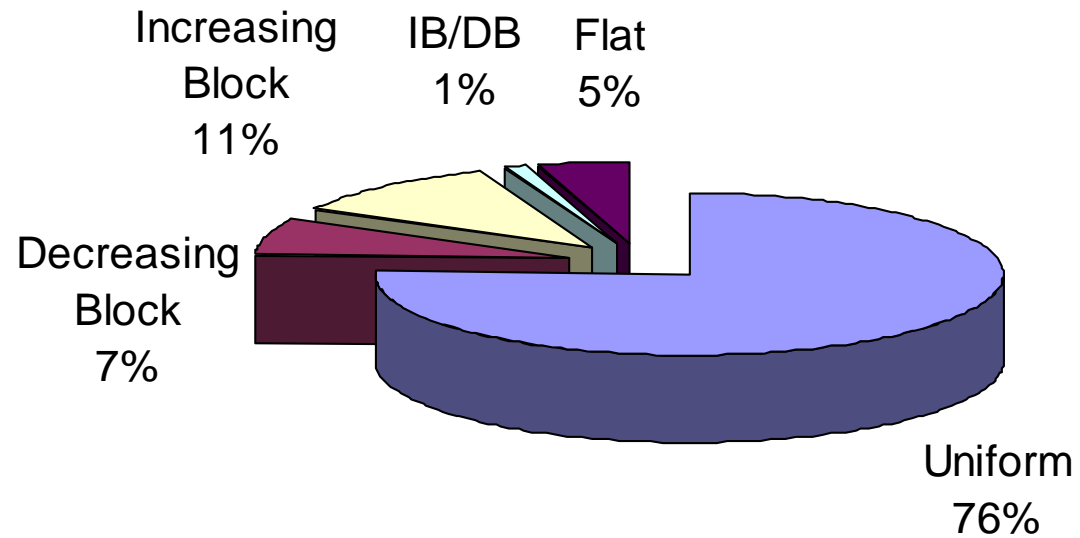
Residential

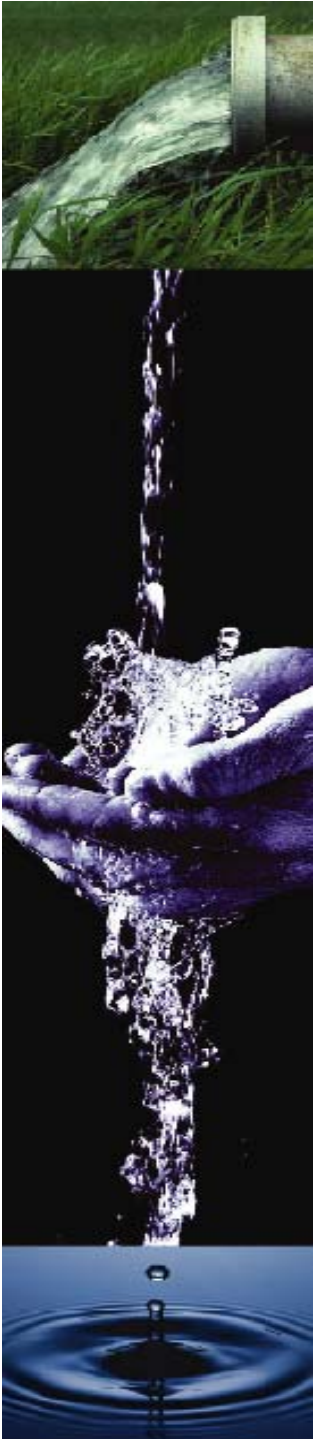




Wastewater Rate Structure

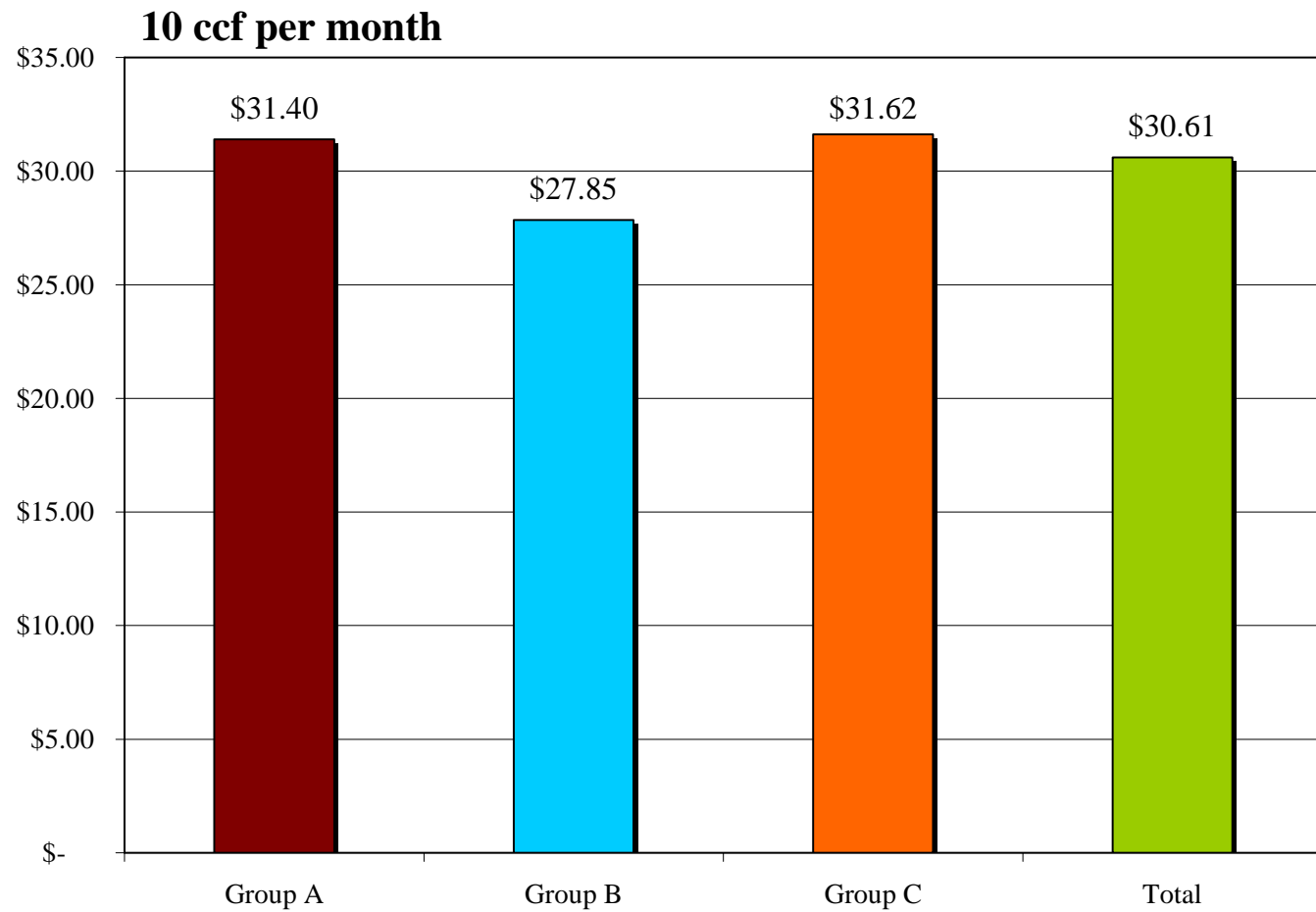
Non-Residential





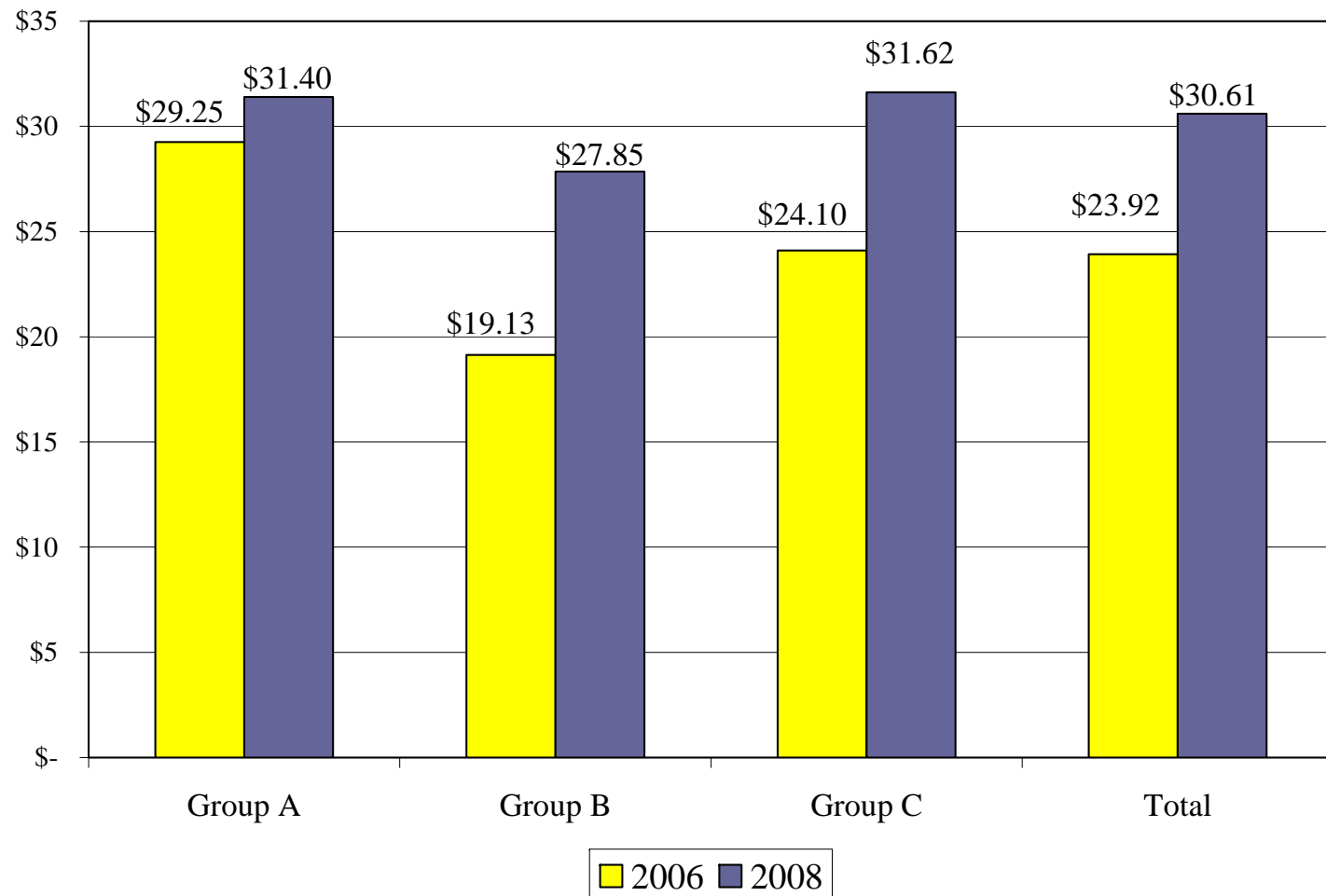
Median Residential Wastewater Charge

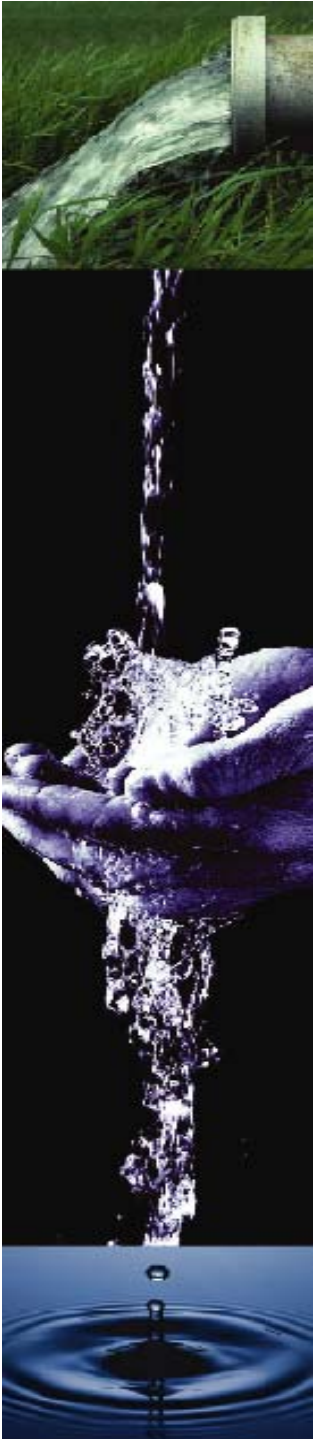
By Size



Wastewater Charge Comparison

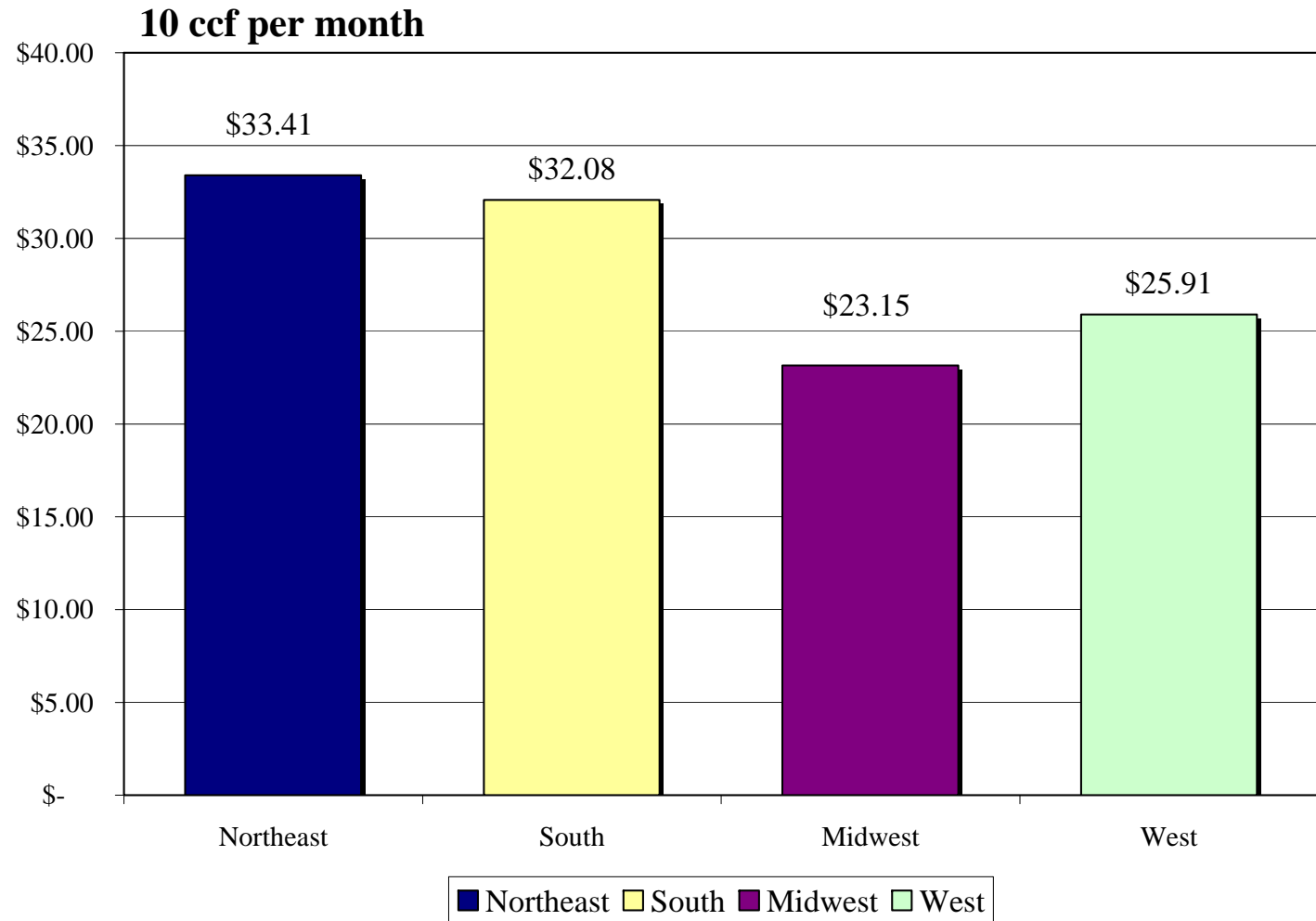
10 ccf per month



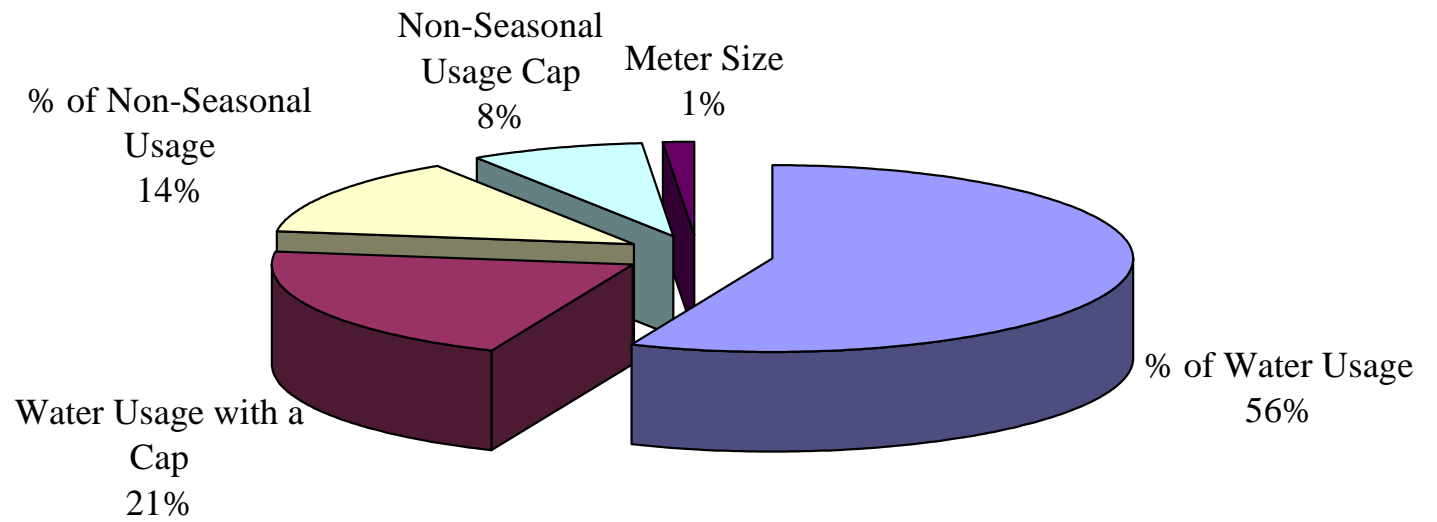


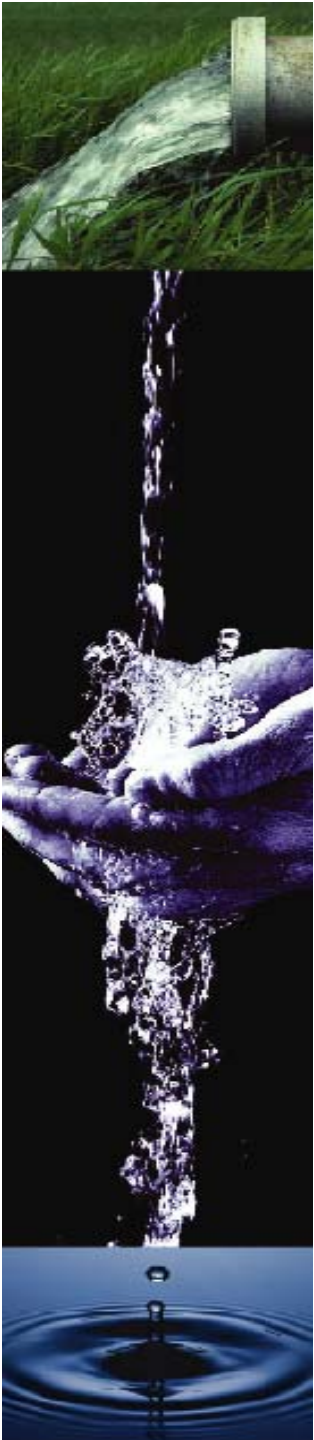
Median Residential Wastewater Charge

By Region

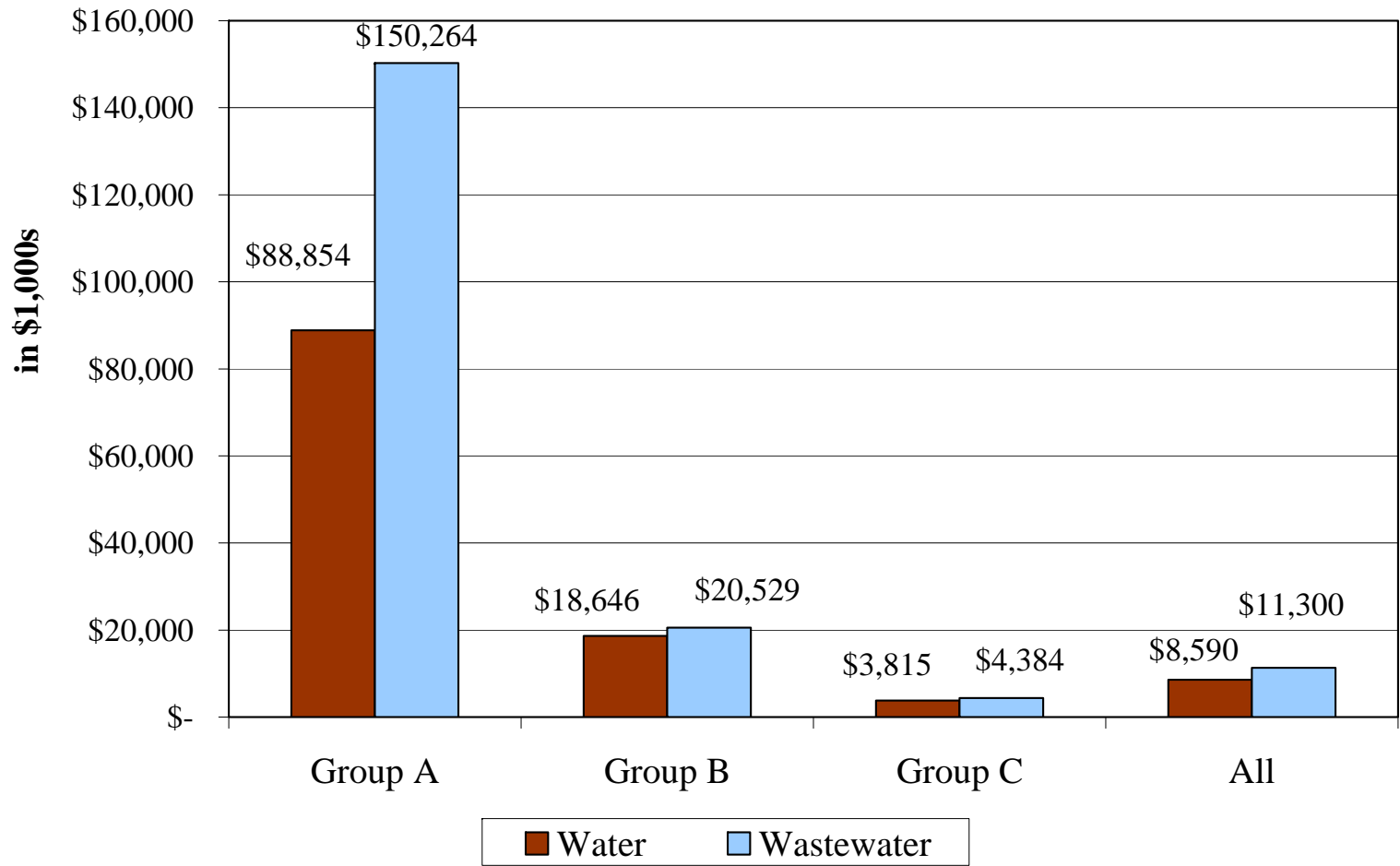


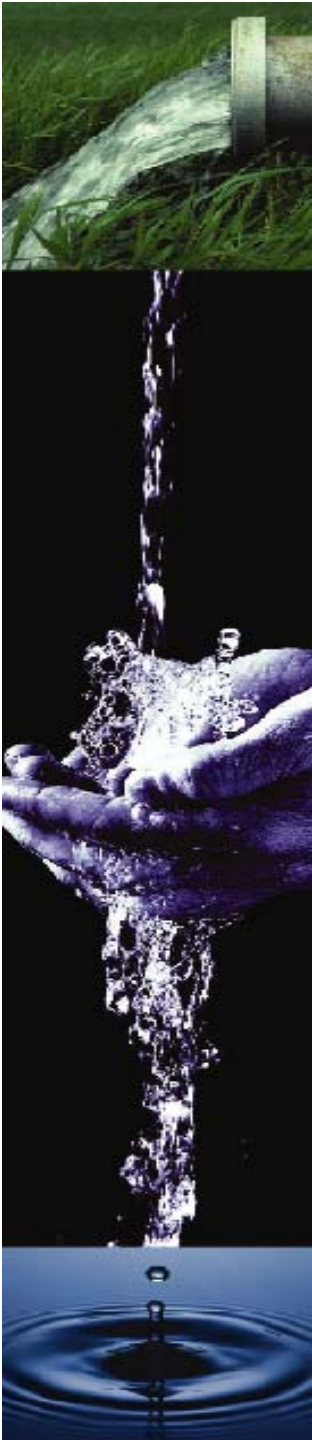
Residential Wastewater Method



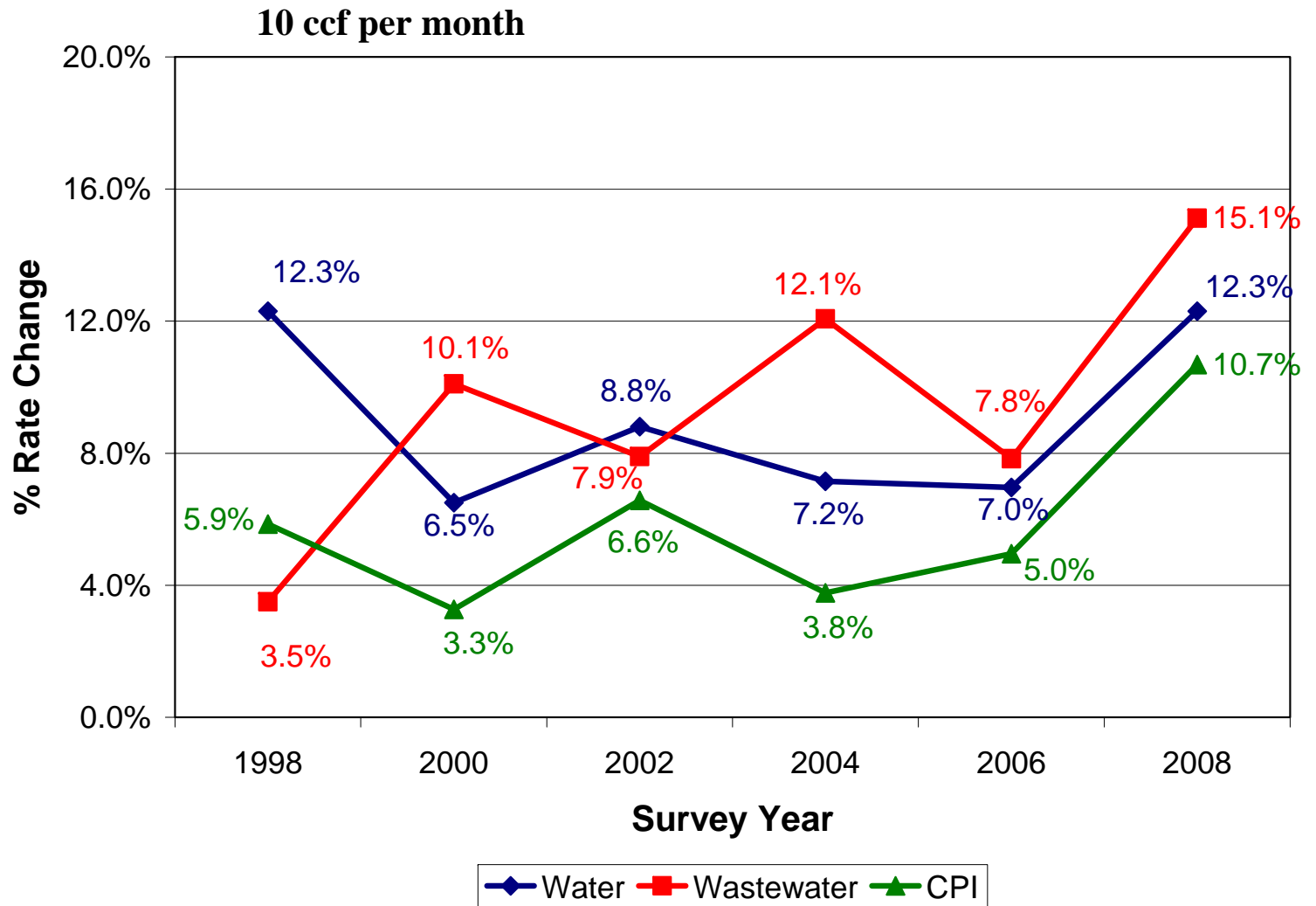


Annual Capital Needs

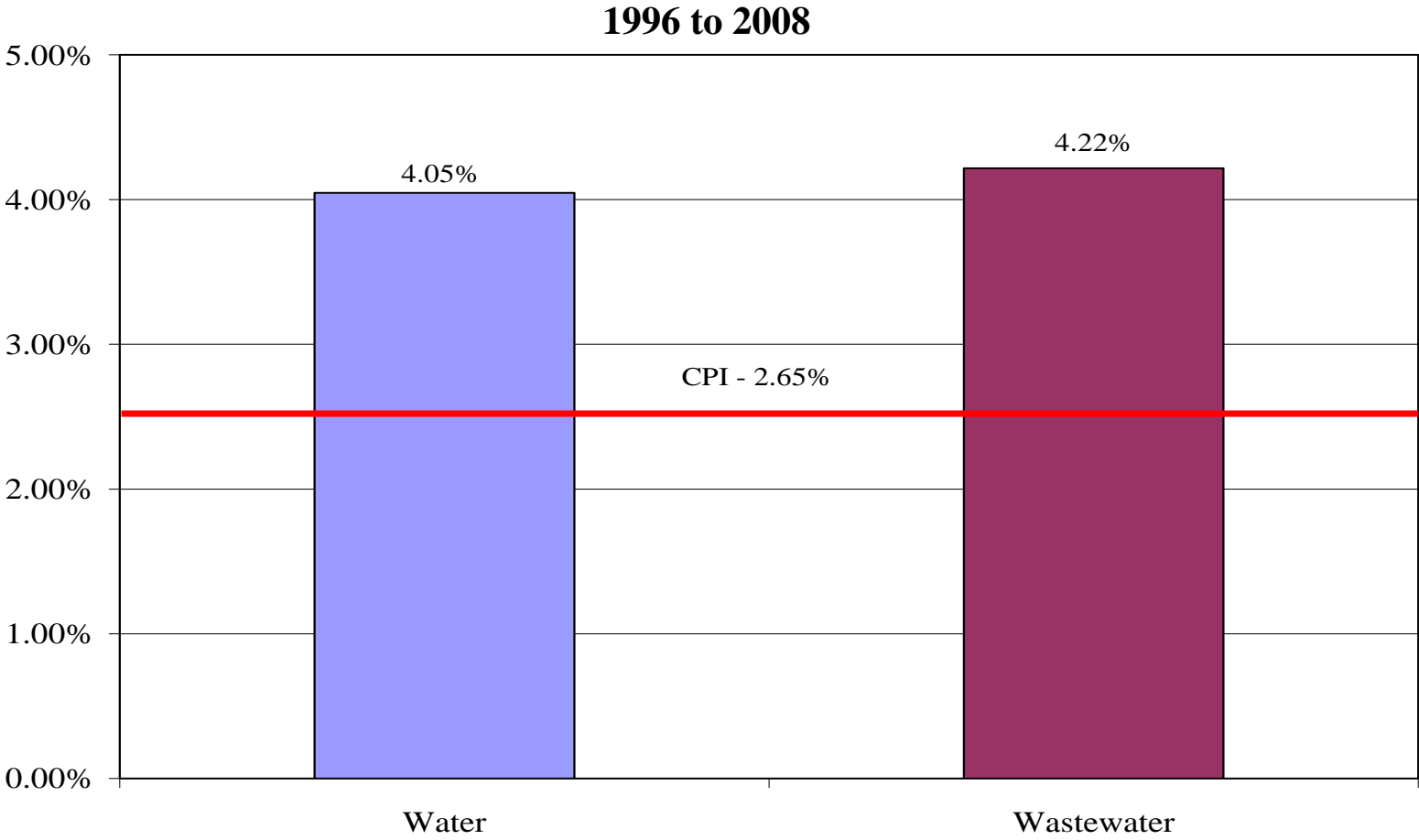


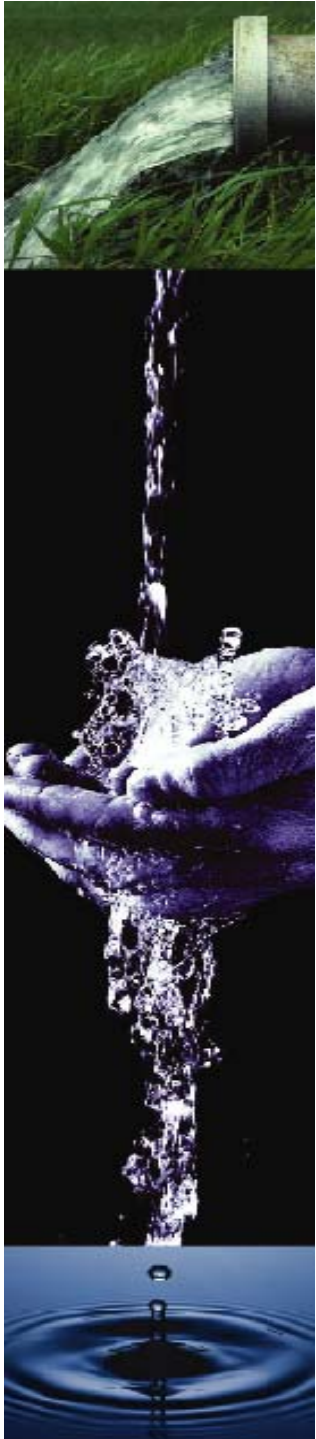


Residential Charge Trends



Annualized Residential Charge Trends



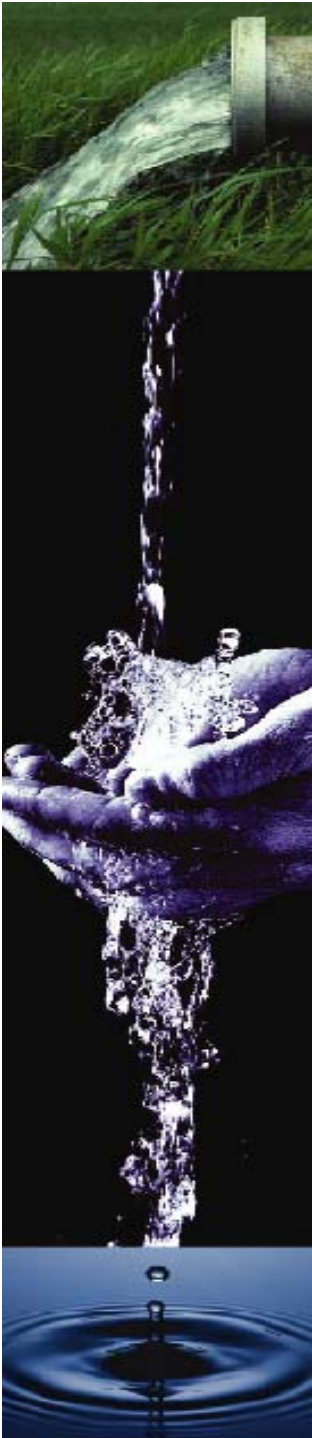


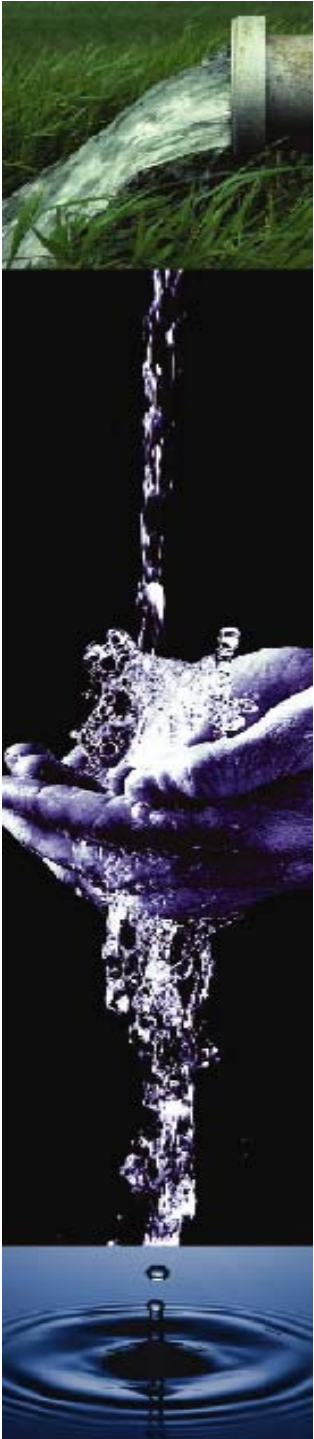
Rate Pressures

- Growing infrastructure needs +
- Increasing regulatory stringency +
- Decreasing per capita usage +
- Improving technology -
- Optimization efforts -

Important Points

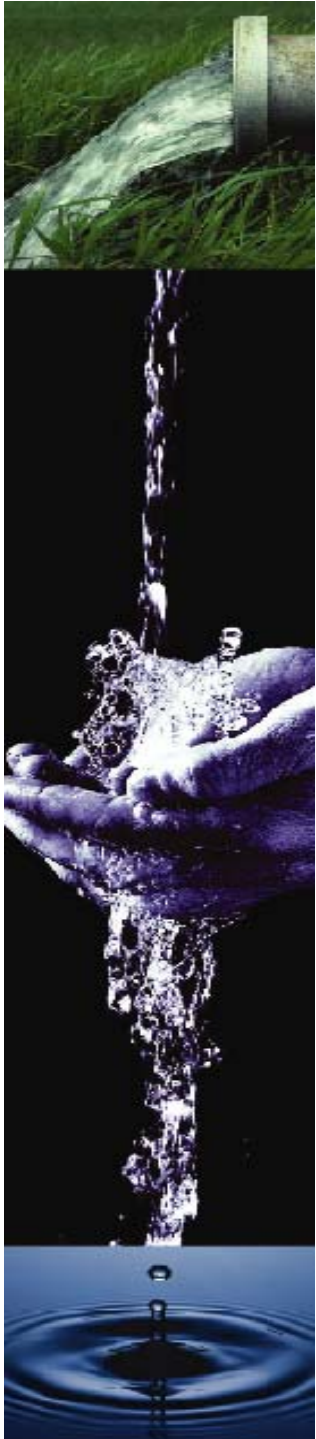
- ❑ Since 1998, rate increases have significantly exceeded inflation
- ❑ Mid-sized utilities have been most successful at limiting rate increases, why?
 - Larger utilities face more immediate regulatory pressures (example: CSO abatement)
 - In general, larger utility systems are older and may require more aggressive asset repair & replacement
 - Smaller utilities have reduced economies of scale





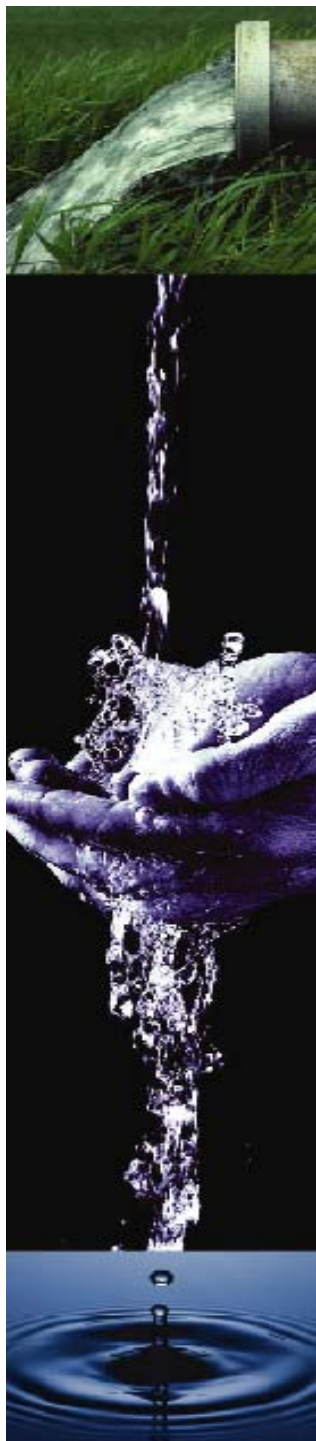
Benchmarking Keys

- ❑ Watch out for apples and oranges!
- ❑ Just because you are doing better than peer utilities doesn't mean you are doing the best you can do!!
- ❑ Once is not enough



Benefits of Survey

- ❑ Wealth of data for benchmarking
- ❑ Numerous analyses
- ❑ Link with [AWWA Water:/Stats](#)



THANK YOU!

To purchase the 2008 Water and
Wastewater Rate Survey visit:

www.awwa.org

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RFC

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