INFORMATION ITEM
Twin Cities Water Rates Study

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Environment Committee: September 22, 2015

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Twin Cities Regional Water Billing Analysis

PREPARED FOR THE METROPOLITAN COUNCIL

FINAL JUNE 1, 2015

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CLEAN WATER LAND & LEGACY AMENDMENT

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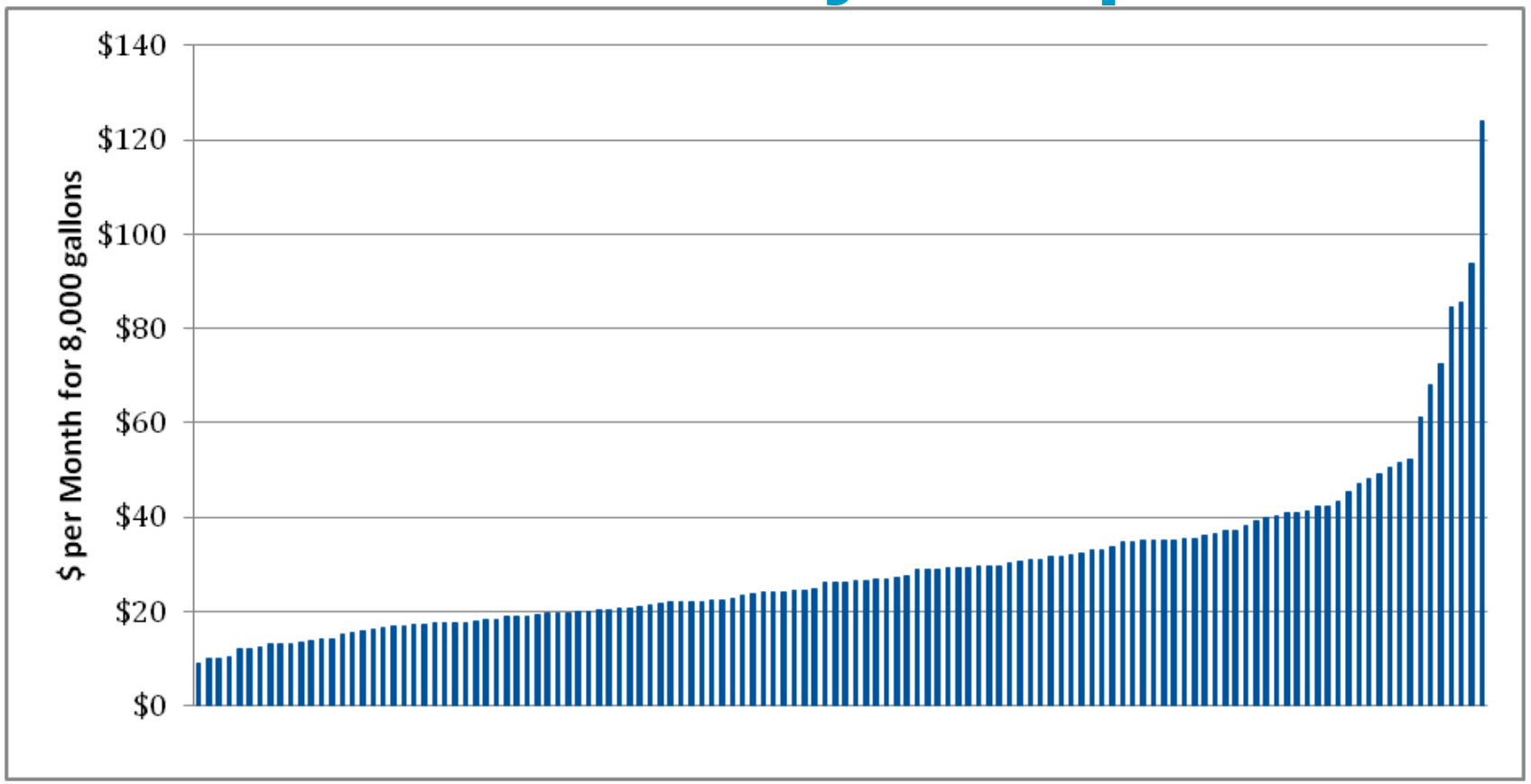
Water is Relatively Inexpensive



Monthly Equivalent Bill	
Maximum	$123.91
75th %	$35.13
Average	$29.10
Median	$24.69
25th %	$19.08
Minimum	$8.60

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Rate Structures

Location of 8,000 gallons in Rate Structure		% with tiered rate structures
Uniform	33	NA
First tier	29	31%
Second tier	51	55%
Third tier	13	14%
Total	126	100%

- Tier 1: 5,000 gal/month (lifeline)
- Tier 2: 8,000 gal/month
- Tier 3: >8,000 gal/month

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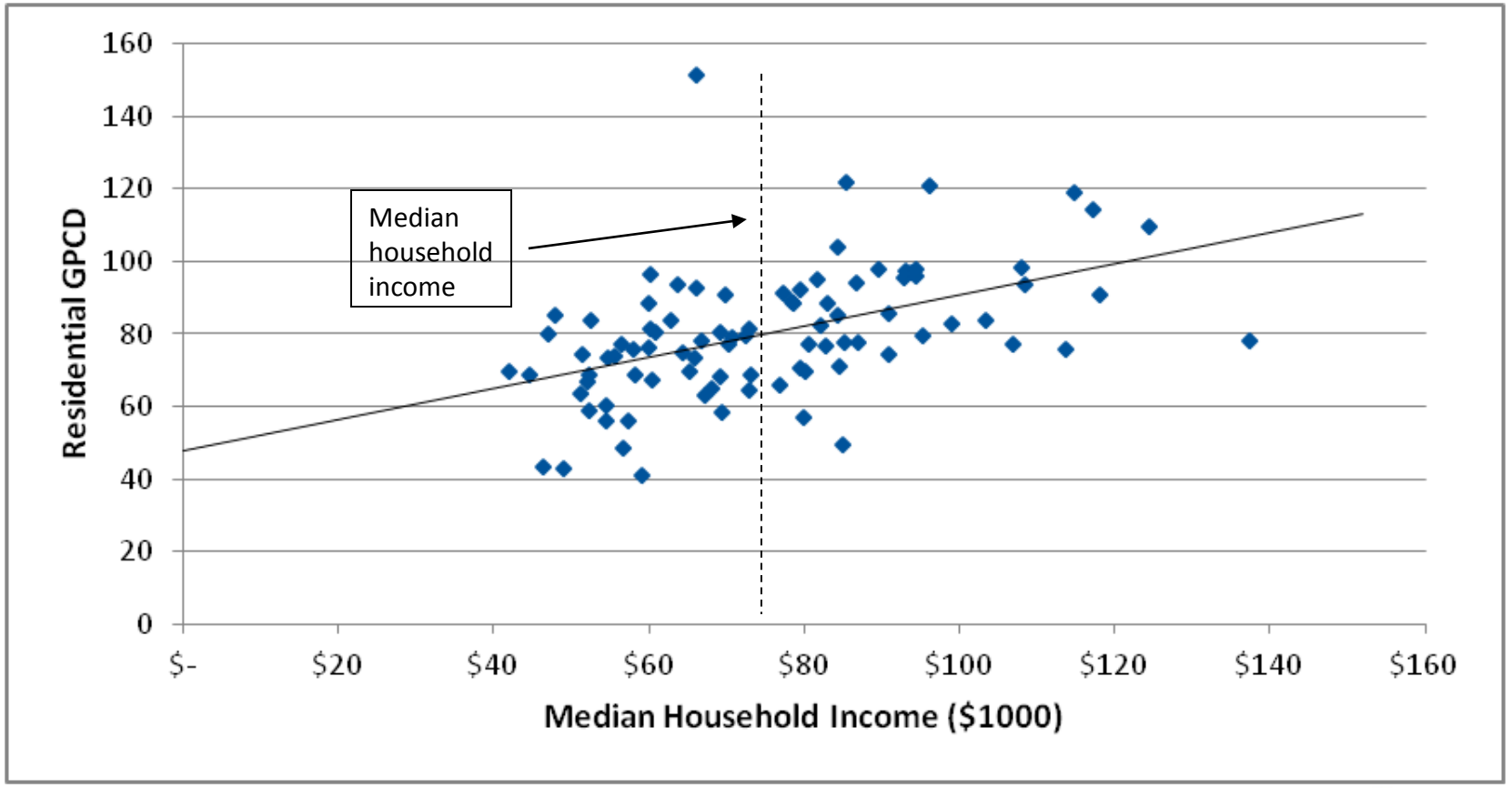
Wealthier Households Use More Water



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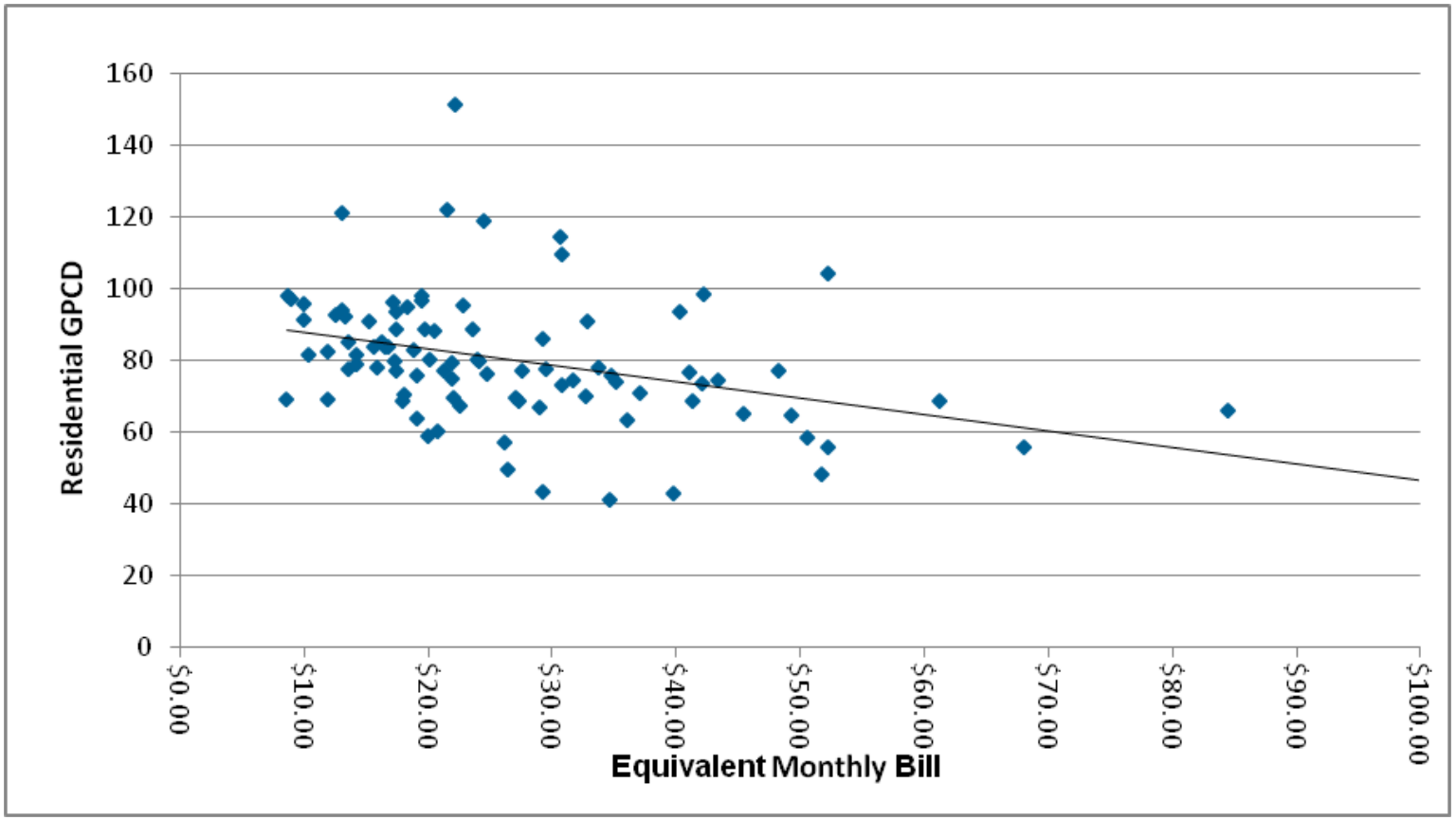
Lower Prices Associated with Greater Water Use



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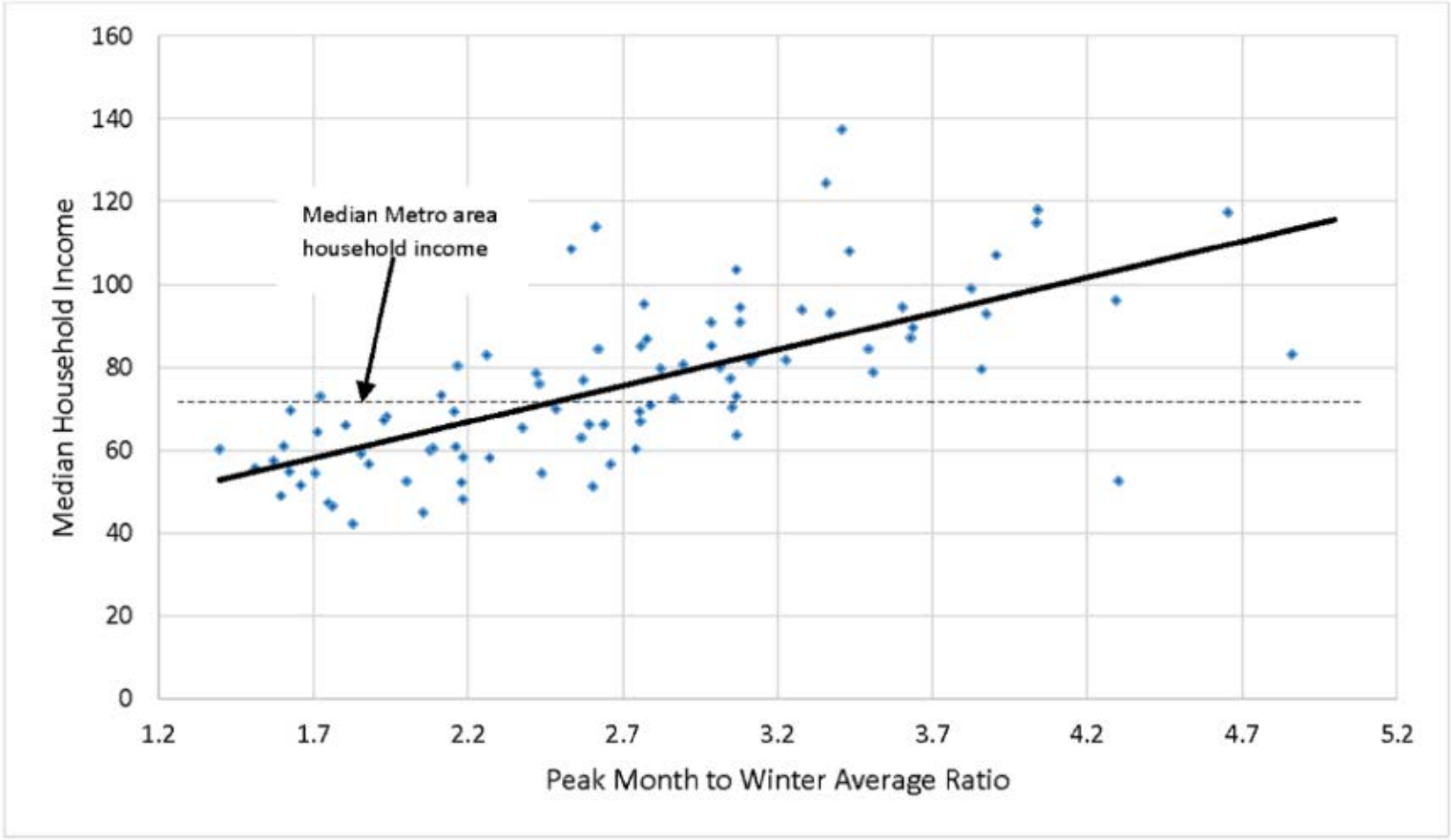
Wealthier Households Use More Water in Summer



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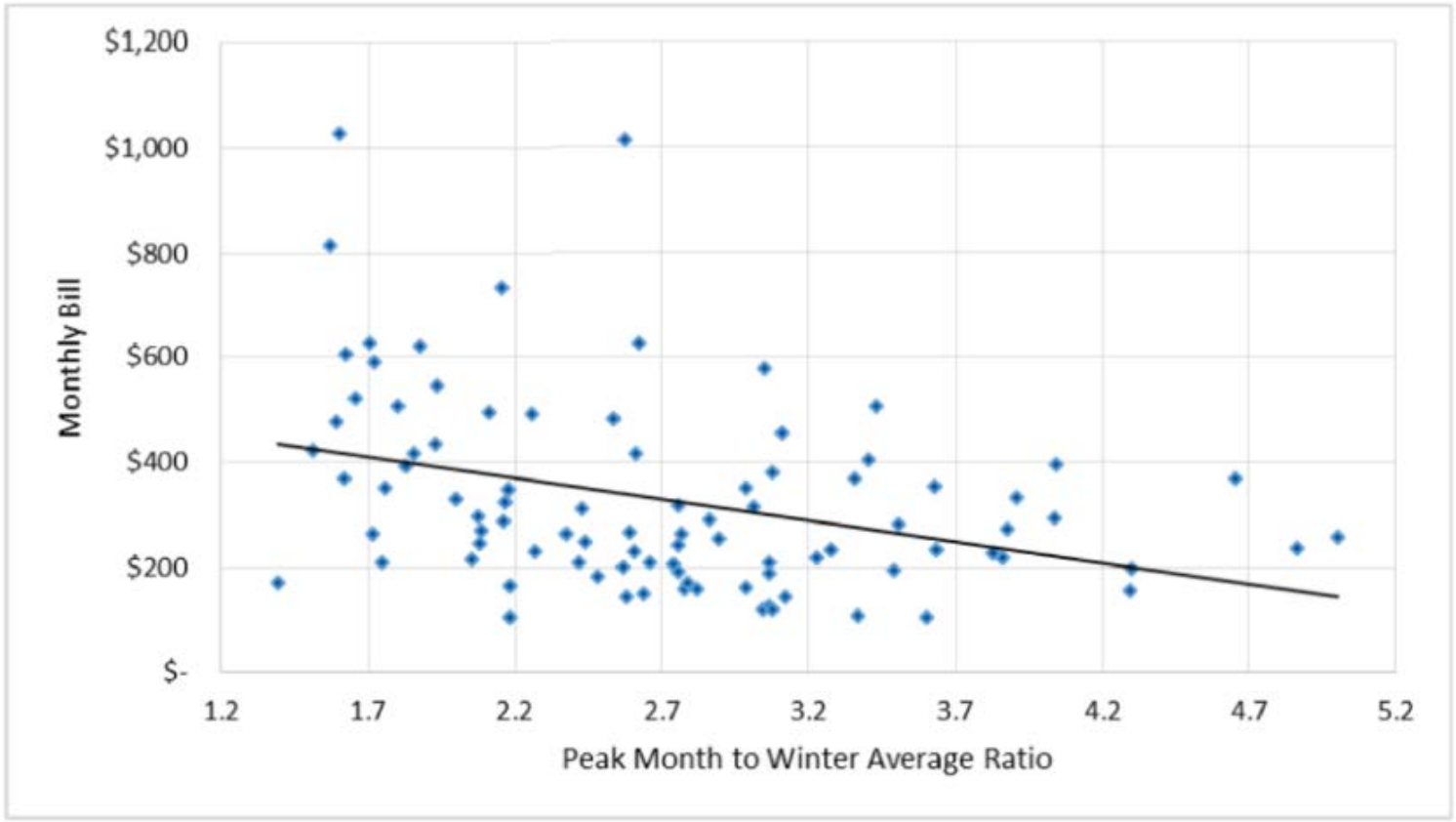
Lower Prices Associated with Greater Summer Water Use



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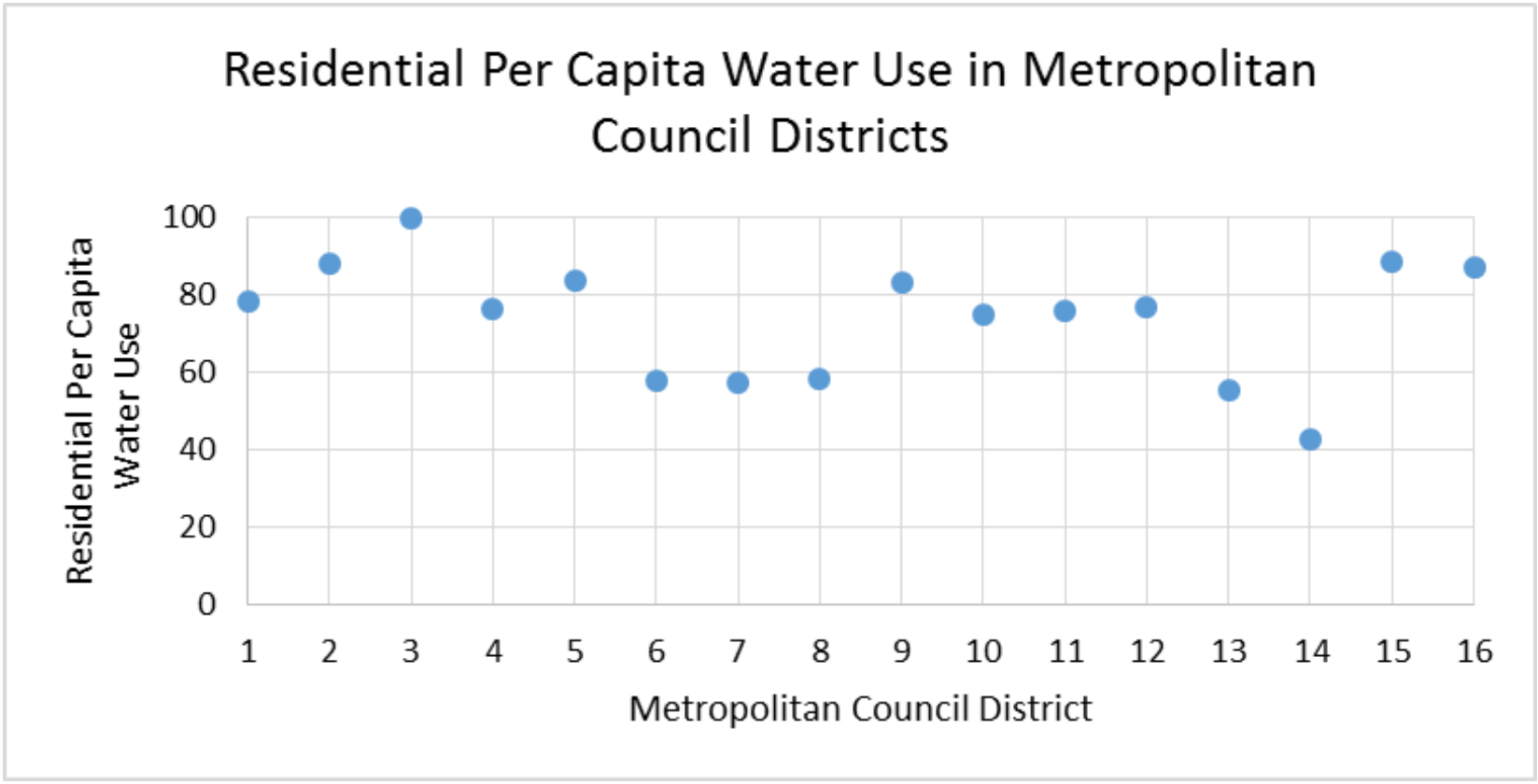
Residential Per Capita Water Use



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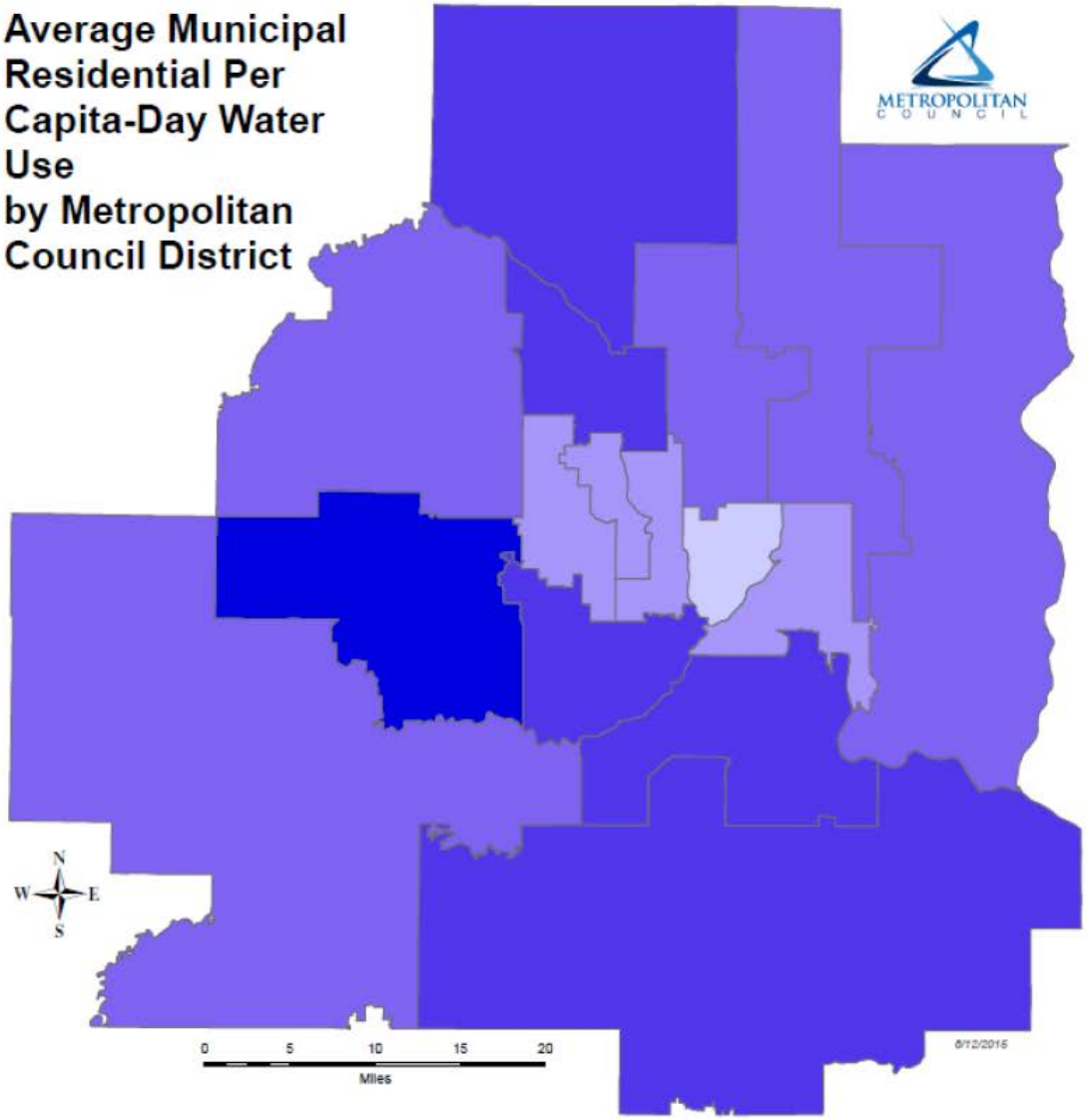
Average Municipal Residential Per Capita-Day Water Use by Metropolitan Council District



Metropolitan Council Districts 2013
Res GPCD

- 42.9
- 43.0 - 58.4
- 58.5 - 78.5
- 78.6 - 88.8
- 88.9 - 100.0

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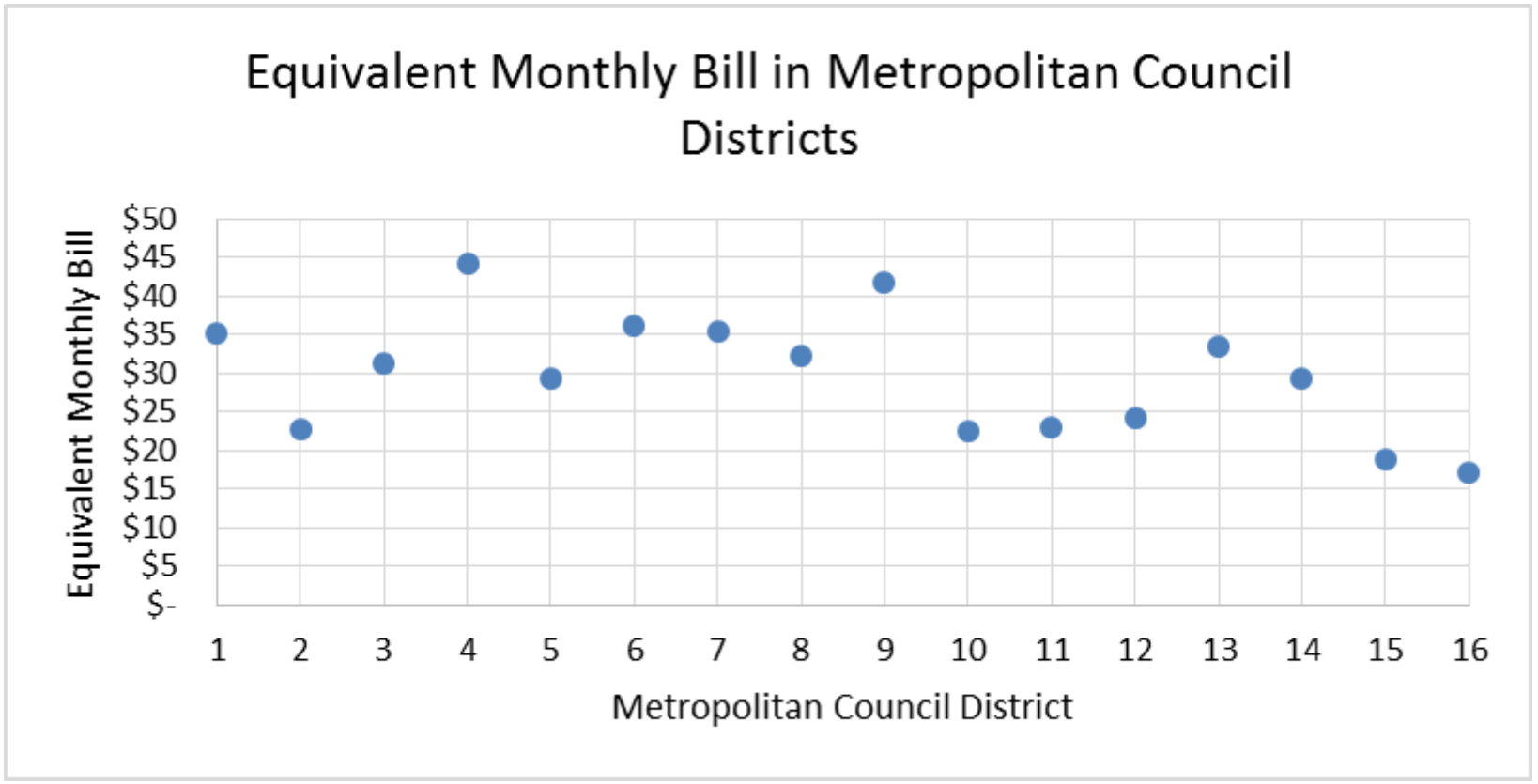
Equivalent Monthly Water Bill



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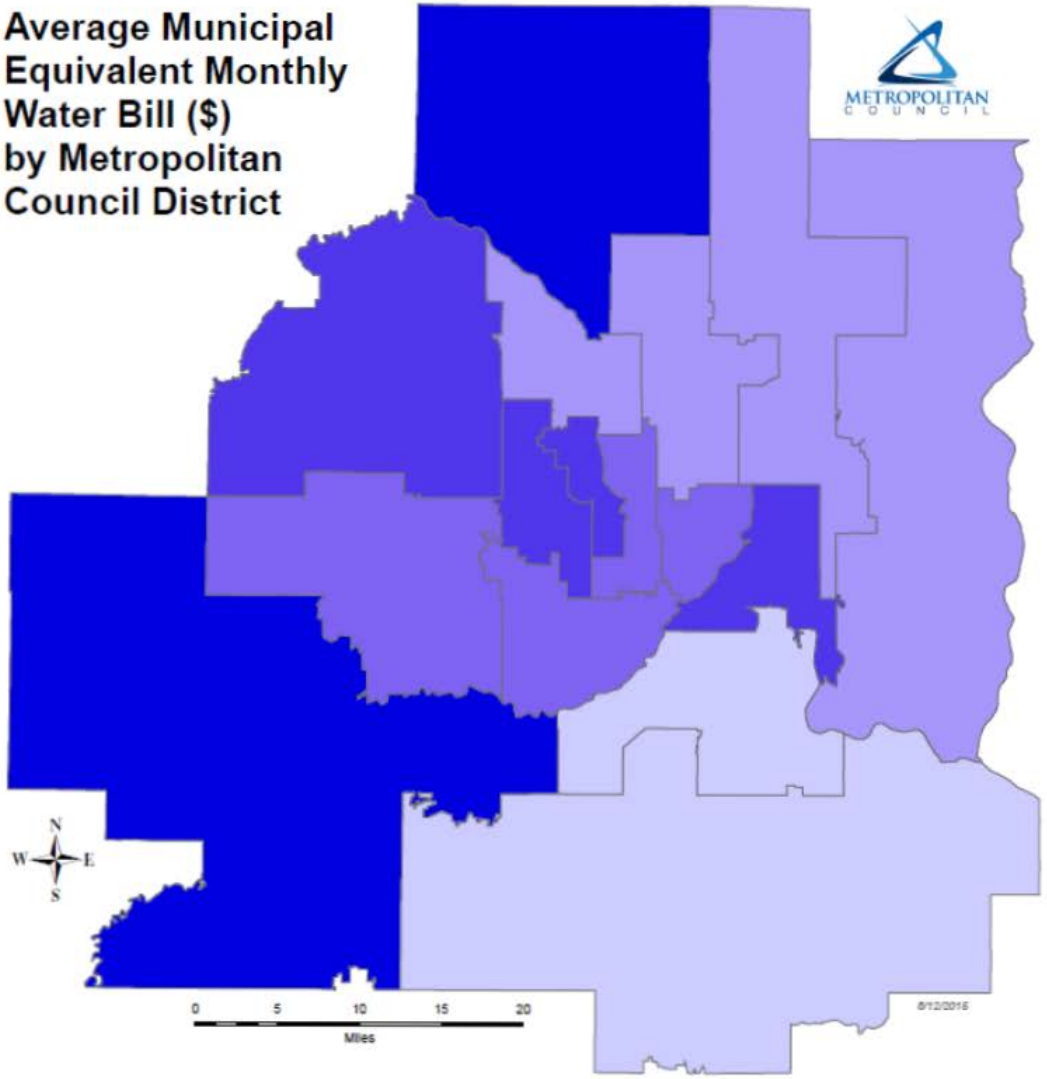
Average Municipal Equivalent Monthly Water Bill ($) by Metropolitan Council District



Metropolitan Council Districts 2013
Equivalent Monthly Bill

- 17.24 - 18.86
- 18.88 - 24.21
- 24.22 - 32.24
- 32.25 - 36.07
- 36.08 - 44.08

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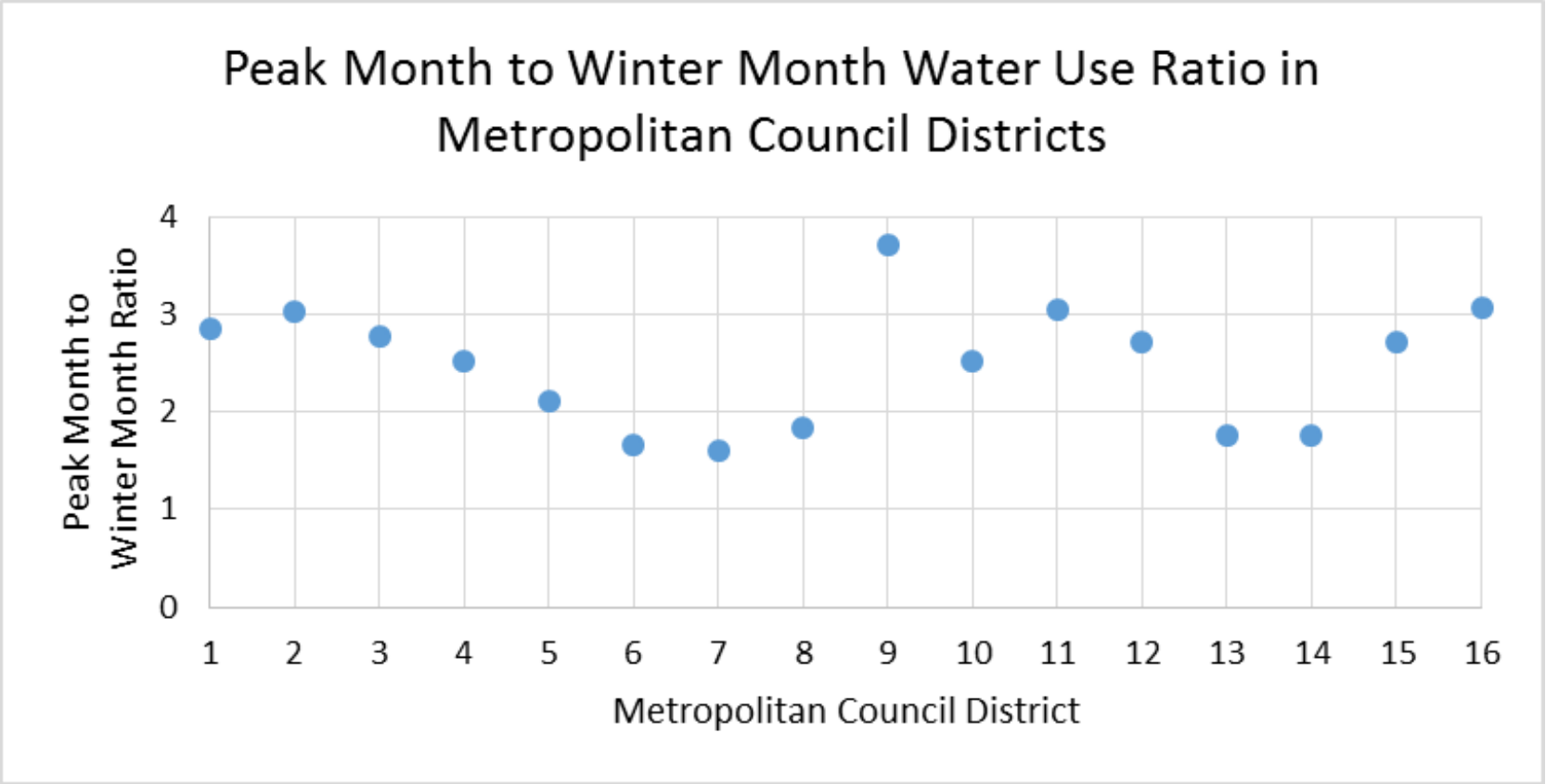
Peak Month to Winter Month Ratio



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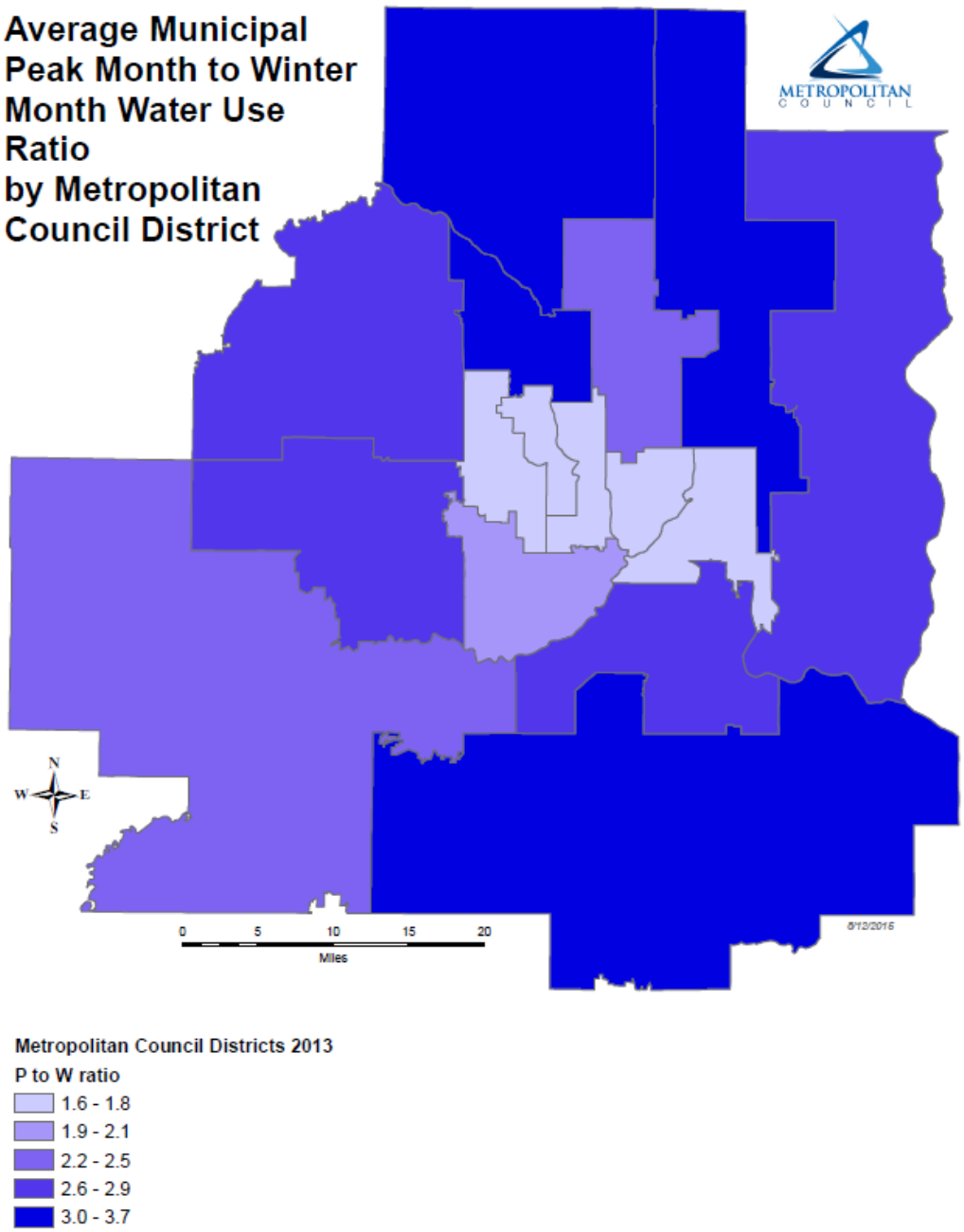
Peak Month to Winter Month Ratio



Findings

- 31% of tiered rate structures have 8,000 gallons per month in the first tier
- Greater per capita water use in most communities with tiered rate structures versus flat rate structures
- Inclined block rate structures are not necessarily water conservation rate structures
- Significant room for improvement in rate structures across the metropolitan area
- Water savings realized could be substantial

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Questions

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