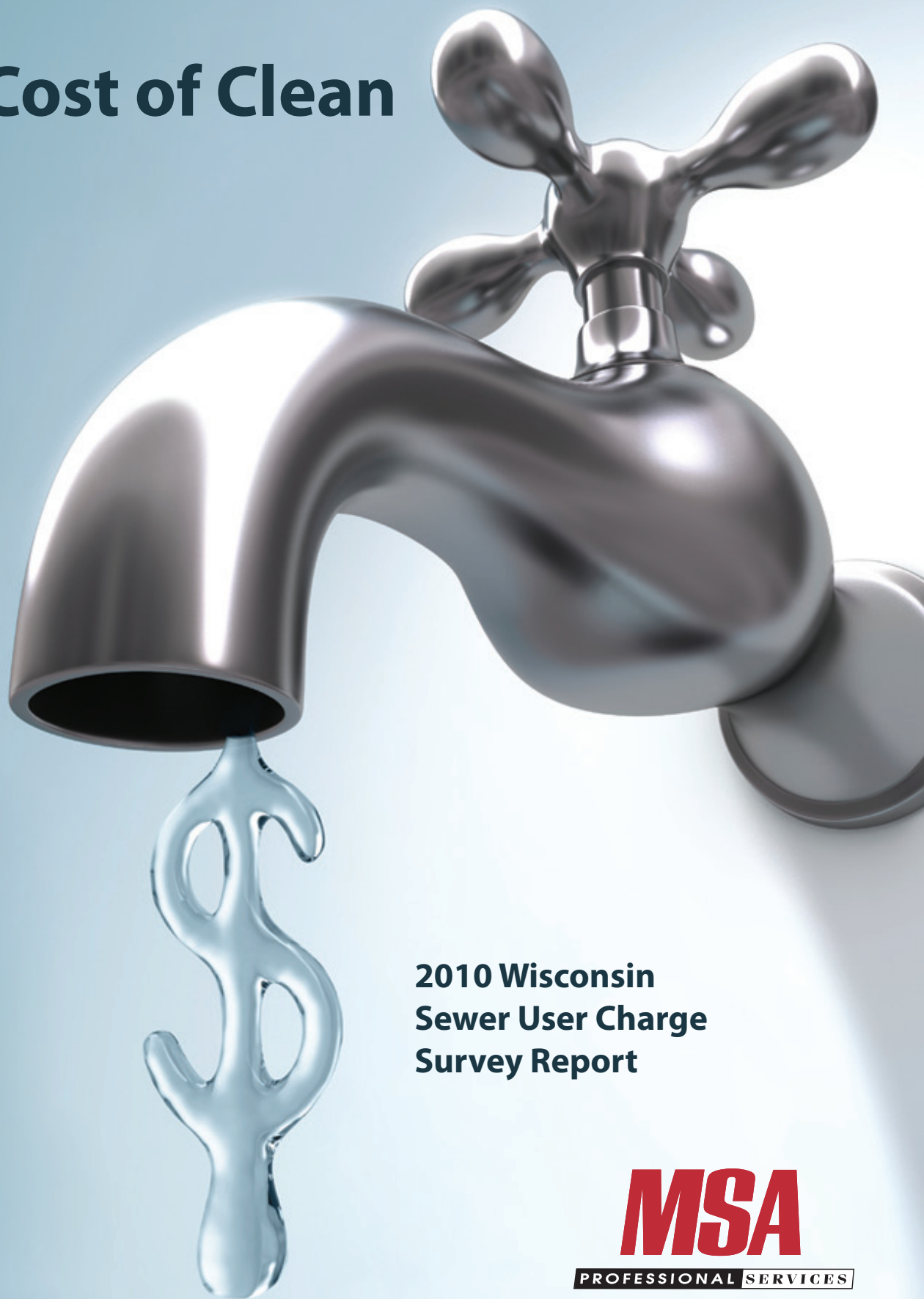


The Cost of Clean



**2010 Wisconsin
Sewer User Charge
Survey Report**

MSA

PROFESSIONAL SERVICES

TRANSPORTATION • MUNICIPAL
DEVELOPMENT • ENVIRONMENTAL

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ACKNOWLEDGEMENTS

I would like to personally thank those of you who took the time to fill out a survey form or answer our calls, allowing us to obtain the raw data on which this report is based. I recognize that everyone has more work than time to do it in, and filling out a survey form requires some of that time. Your contribution has benefited others statewide by allowing us to provide meaningful and valuable data.

I would also like to recognize the following individuals and their agencies for their assistance in providing data for this study. You have all been great supporters of this effort.

- Bruce Schmidt Wisconsin Public Service Commission
- Jeanne Cargill Wisconsin Department of Natural Resources
- Sandra K Herfel Wisconsin Department of Commerce
- Virginia Morgan USDA Rural Development

Finally I would like to thank Stephanie Tulk for her endless supply of enthusiasm and diligence in compiling the data and pulling this report together.

GAH

May 3, 2010

EXECUTIVE SUMMARY

Background

The information outlined in this report has been collected and analyzed by MSA Professional Services, Inc. (MSA). This is the sixth study of this nature performed by MSA over the past 14 years. The purpose of this report is to document the cost of sanitary sewer service in Wisconsin and to provide communities with the ability to compare their current and proposed sewer rates with the rates of similar communities. It is the hope of MSA that communities with access to this information will be empowered to make the best decisions for a healthy and sustainable future.

This report contains data from 521 Wisconsin communities that operate sanitary sewer collection systems. This represents approximately 64% of the publicly owned collection systems in the state. Approximately 74% of them include a publicly owned wastewater treatment facility; the other 26% are connected to a regional treatment facility owned by another entity.

Findings

The most consistent relationship observed is that between annual sewer rates and population. Even though residents of the largest communities consume the most water, they pay less for their sewer service. The economy of the scale works greatly to the advantage of larger communities. The highest sewer rates occur in the range of 1,001-2,000 population, which can be ascribed to the economy of the scale and the treatment technologies necessary to serve communities of this size. Communities with populations 2,000 or less represent the majority of the sewered communities in Wisconsin. The average difference in monthly sewer cost between the smallest and largest communities is nearly \$20 a month. This difference is still growing and shows no sign of leveling off.

Sewer rates are increasing at a rate of three to four percent per year. Sewer connection fees are increasing at a higher rate.

The prime factors in sewer charges are population and treatment type. Other factors that impact the cost of sewer service, including:

- Age of treatment facility
- Use and cost of sewer connection and/or impact fees
- Time since last rate increase
- Charges to industry and waste haulers

Affordability and Funding

Over the years covered by this report, funding for water treatment projects has been declining. This document outlines the decline in grant dollars available from three major state and federal agencies.

Major funding agencies rely upon a measure of the affordability of sewer service for determining grant eligibility. A commonly used affordability threshold is 2% of a community's Median Household Income (MHI). This study documents that very few (2 out of 521) communities' rates are at or above 2% of current MHI, suggesting that the "affordability threshold" used by some agencies may not be a realistic expectation.

This year, the federal “economic stimulus” funds have provided a temporary shake up to this cycle. While it was fortunate that this additional funding was made available, it does not look likely that it will be repeated. In general, grant dollars can be expected to continue to decline. This will continue to put pressure on municipalities to raise their rates sufficiently to fund an increasing share of the cost of providing sewer service.

Conclusions

While communities can have control over some factors that influence sewer rates, they are largely at the mercy of their economy of scale. While some communities have a large commitment to being environmentally responsible, others do all they can just to be affordable to their users; it begs the question: What is the most fair and equitable way to balance environmental responsibilities and affordability for all residents of Wisconsin? It is a question with no easy answer. Only when the true cost of providing clean water and reliable wastewater treatment services is reflected in the user fees will the rate-paying public appreciate the value of these resources.

I. INTRODUCTION AND BACKGROUND

A. Welcome

Welcome to the MSA Professional Services, Inc. (MSA) 2010 Wisconsin Sewer User Charge Survey! This continued effort has proven to be a valued tool to many of Wisconsin's municipalities, as well as state and federal agencies. This report has had the greatest response yet, with approximately a 64% response rate. It would not be possible without the all support communities have shown over the past 14 years. MSA would like to thank all of these respondents for making this survey a complete and reliable source of information.

B. Background

With the cost of everything going up, and sewer project funding generally going down the tubes, the cost of sewer service is volatile, but ever climbing. Communities are striving for the most fair and representative user charges, while maintaining enough revenue to maintain their infrastructure.

C. The 2010 MSA Survey

Survey forms were distributed to 819 individual and general WPDES discharge permit holders in Wisconsin in January, 2010. There were 521 respondents, including communities that operate their own wastewater treatment facilities, as well as communities operating a sanitary collection system and sending waste to other community for treatment. Copies of the 2010 survey forms are provided in the **Summary** section.

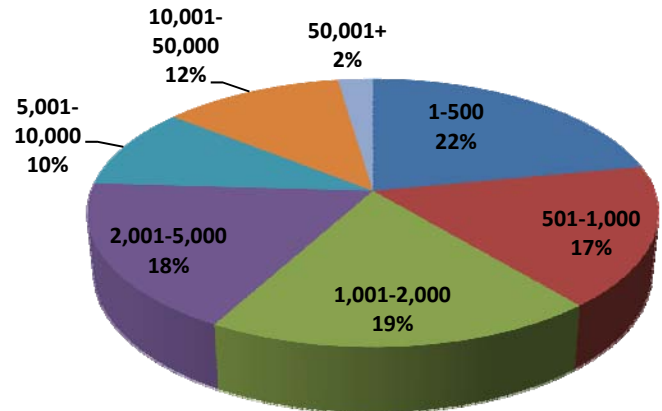
The 2010 survey is largely modeled after the 2007 survey, but with a few additional questions asked. For communities treating their own wastewater, information pertaining to sludge handling was solicited. Communities who did not treat their own waste were asked information about the age of their collection system, and if they were doing anything to clean and televise it on a regular basis. These trends, along with some new exploration of regularly collected data, are included in this report.

D. Demographics

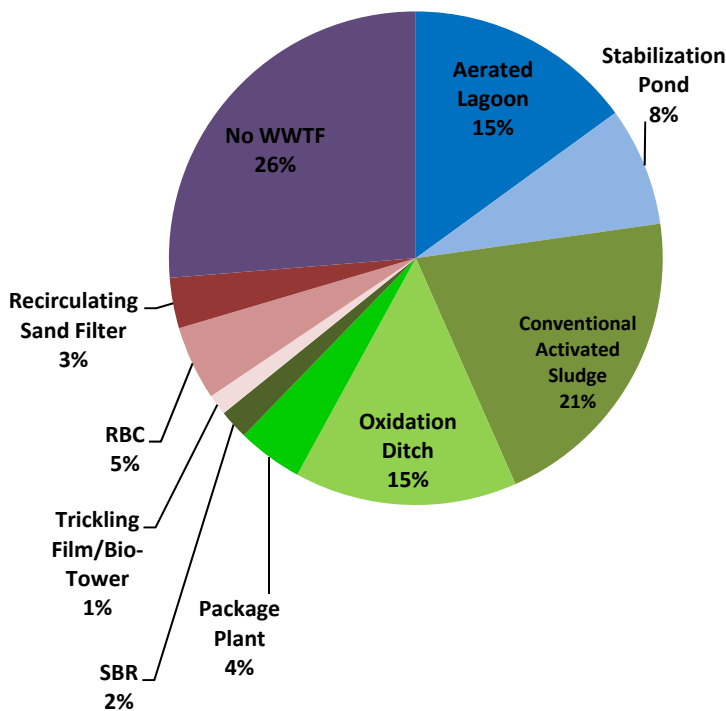
The responses have been broken down into statistically significant sample sizes in order to representatively characterize trends on order of magnitude. The figures shown will be of community breakdowns by population and treatment type.

This report will use seven population categories intended to provide a large enough sample size for the integrity of data, as well as group communities with like situations. The representation of population categories can be seen in **Figure 1**. As all attempts were made to survey all applicable communities, this representation is taken to be a fairly accurate representation of the community populations throughout the state.

**Figure 1
Breakdown of Respondents by Population**



**Figure 2
Breakdown by Treatment Type**



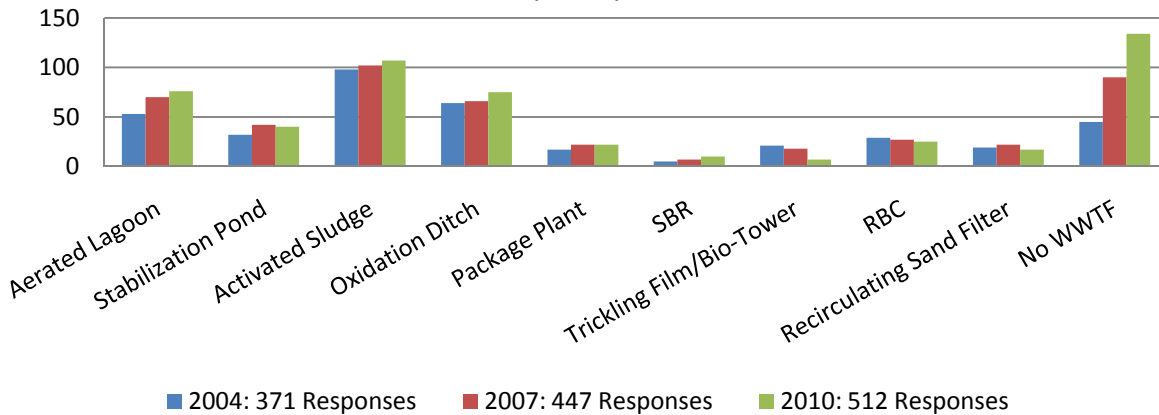
This report also breaks down respondents into ten treatment type categories to find trends relating to the type of facility utilized by communities.

- 23% use a pond based treatment facility (stabilization pond and aerated lagoon)
- 42% use a form of activated sludge (package plant, oxidation ditch, sequencing batch reactor (SBR), and conventional activated sludge)
- 9% use a fixed film treatment facility (recirculating sand filter (RSF), trickling filter, and rotating biological contactor (RBC))
- 26% without a wastewater treatment facility (WWTF) who send their wastewater to a different regional facility (No WWTF).

These trends are demonstrated by **Figure 2**

As MSA continues to conduct this study, the number of responses continues to increase. The general trend of response increase can be demonstrated by **Figure 3**.

Figure 3
Breakdown of Responses by Treatment Type
 2004, 2007, 2010



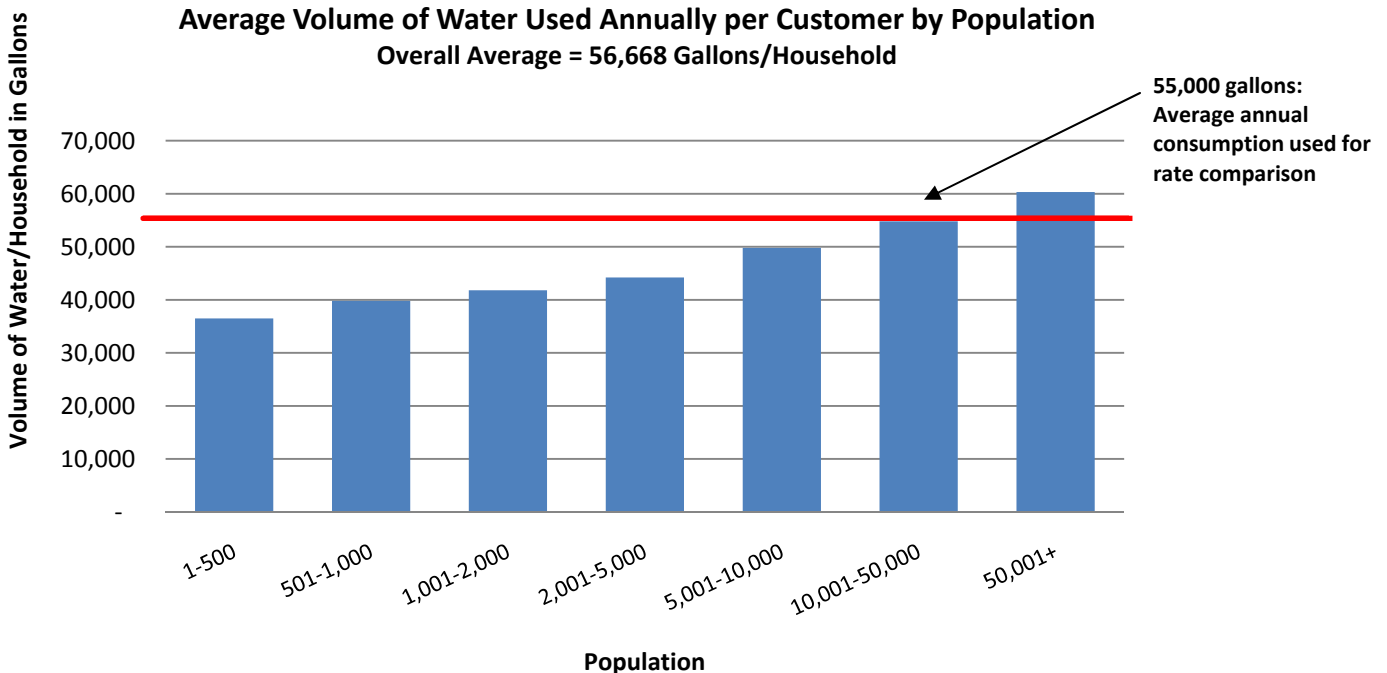
E. Key Assumptions

For comparison purposes, 55,000 gallons/household used annually was assumed to represent residential use. The average statewide usage per household in 2009 was calculated to be 56,668 gallons/household used annually (note that the communities with the most households use the most on average); noticeably, average usage is much lower in the smaller population categories, and tends to increase with community population. The key value was chosen for several reasons:

- A uniform volume assists rate comparison at the same level of service
- Previous studies assume 55,000 gallons/household used annually, and a consistent usage allows a comparison to previous years

The reasonableness of the key assumption can be demonstrated by **Figure 4**.

Figure 4
Average Volume of Water Used Annually per Customer by Population
 Overall Average = 56,668 Gallons/Household



It is interesting to note that community average usage is on average 5,000 gallons per household from the previous report in 2007.

F. Errata

While every effort has been taken to verify the data in the responses are correct and to eliminate errors in processing it, errors will undoubtedly occur. Please call or send notification of substantive errors to:

Gil Hantzsch, P.E.
MSA Professional Services, Inc.
1230 South Boulevard
Baraboo, WI 53913
Phone: (608) 355-8879
E-Mail: ghantzsch@msa-ps.com

We will issue errata sheets to all registered report recipients in the event there are a significant number of changes.

II. SEWER RATES PRESENTATION

Myriad factors influence a community's sewer user charges. Listed below is a prime factor to be addressed in this report that affects sewer charges, and communities have little to no control over:

- Population

In addition, there are factors that affect the cost of sewer rates for residents that each community does have the power to influence. They are as follows:

- Type of Treatment
- Frequency of Rate Increases
- Billing Frequency
- Other Sources of Revenue
 1. Property Taxes
 2. Connection and Impact Fees
 3. Hauled and High Strength Waste Charges
- Sewer Budget

This report attempts to isolate each factor in order to present information that may help communities compare their size, treatment type and options to the rest of the state. In an attempt to be the least biased, the average for each population category is used in conjunction with the median to verify the validity of the average value, the idea being that with the variability of sewer rates, an average value can be skewed by an exceptionally high or low value. As the absolute middle response value, the median can provide more validity to relationships found in this report.

A. Population

Population and Cost of Sewer Service

Generally speaking, larger communities are able to charge lower sewer rates than smaller communities. This can be attributed to the principle of economy of scale: as facility size and population increases, the unit cost associated with construction and operation of a treatment facility decreases. While large communities often require a more complex form of treatment, there is still a point at which the amount of individuals sharing in costs outweighs the higher cost associated with operating a larger/more complex treatment facility. As **Figure 5** demonstrates, communities of up to 2,000 residents have the highest average and median annual sewer charge.

Figure 5
Average and Median Annual Residential Sewer Charge by Population
 Based on 55,000 Gallons / Household Used Annually

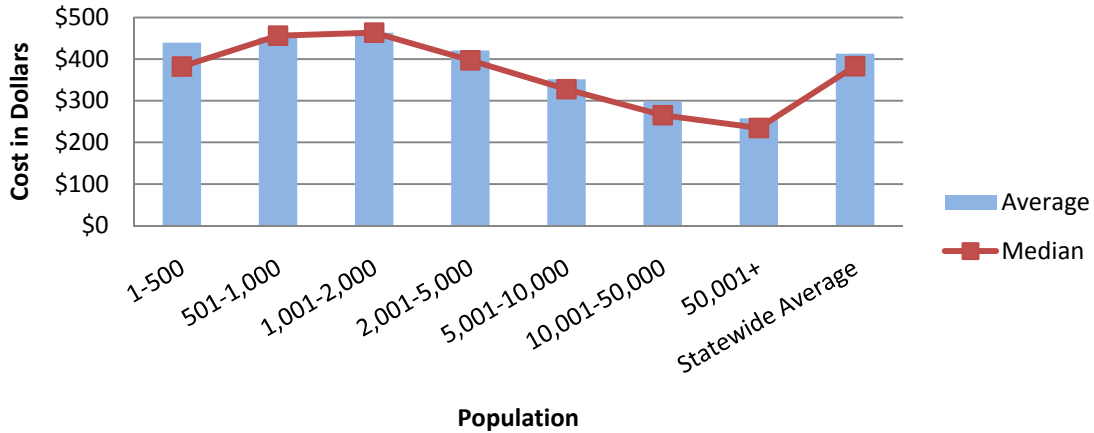
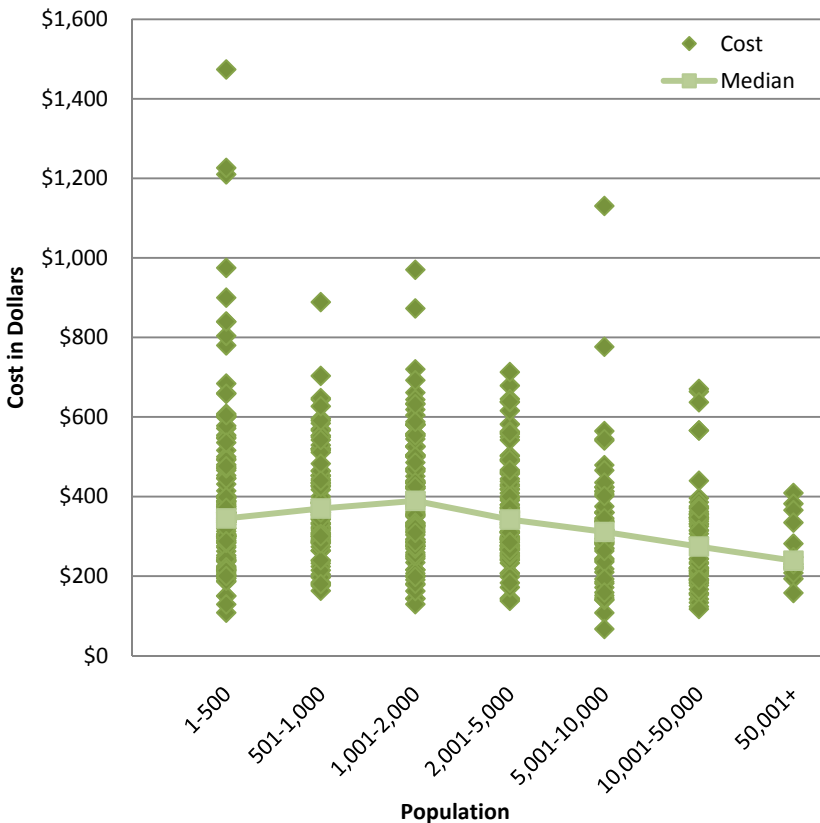


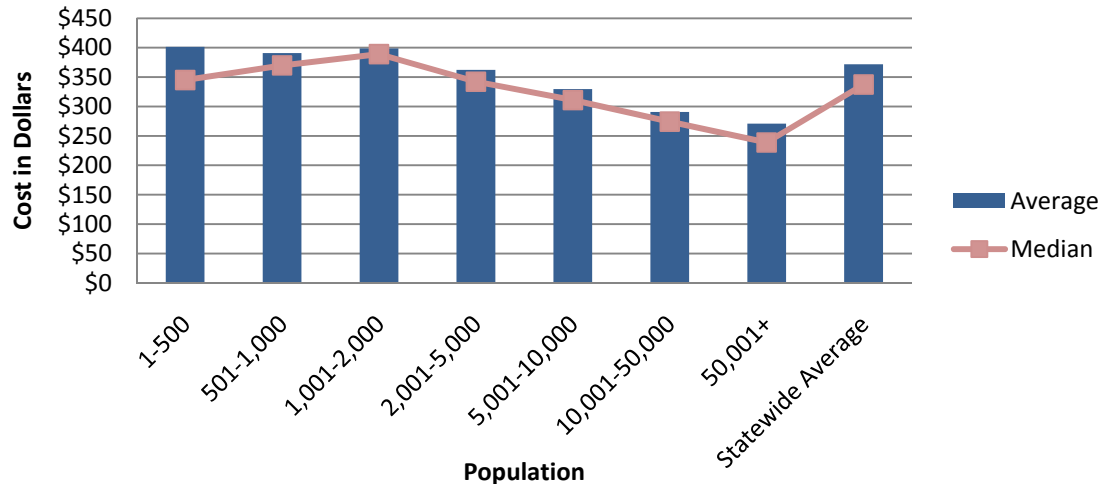
Figure 6
Sewer Charge by Population
 Based on Usage



Variability of sewer rates is bound to occur for communities with special situations. As demonstrated by **Figure 6**, more notable variability occurs within the smallest population category of 1-500 residents.

For this reason, looking at charges associated with actual usage, the category of 1-500 appears less stable in average and median charges than the other categories. Even still, a trend and peak can be clearly identified in the median charge, as shown in **Figure 7**.

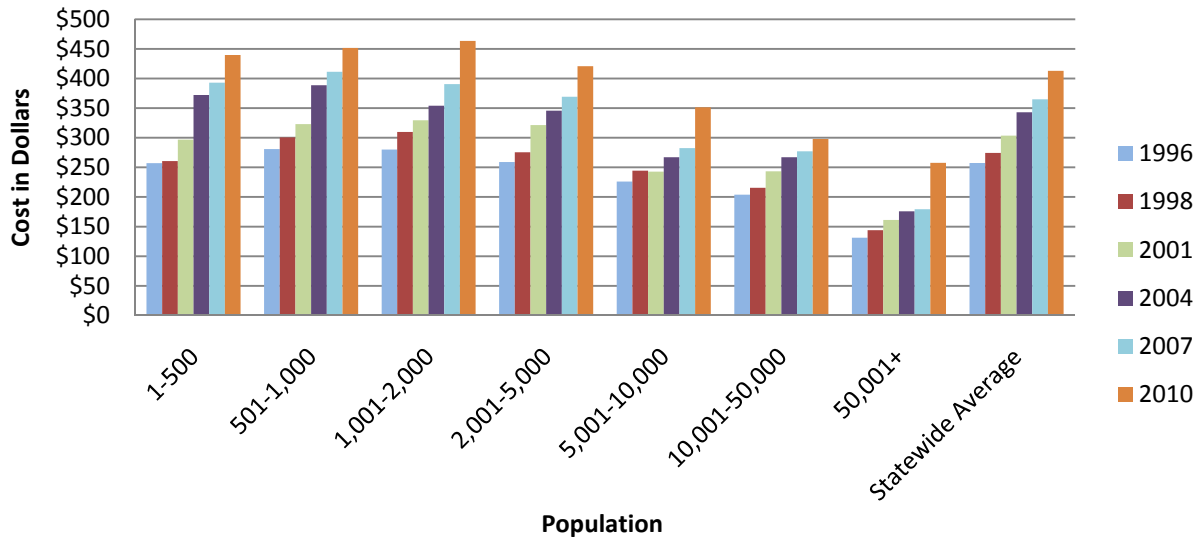
Figure 7
Average And Median Annual Sewer Charge by Population
Based on Actual Water Usage



Observably, the same general trend is visible in **Figures 5-7**, providing some further validation to the key assumption.

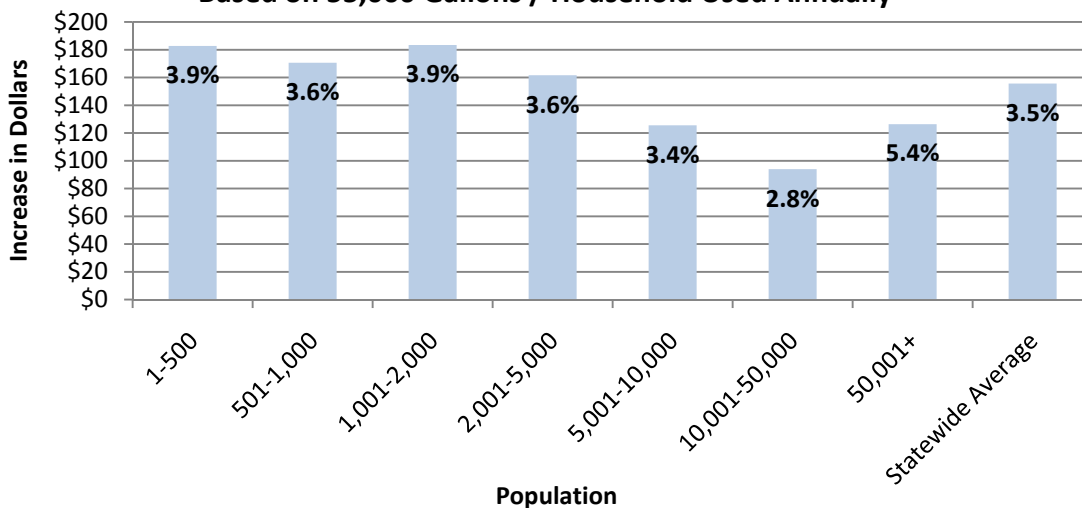
The average annual charge of sewer service has been increasing over the past 14 years. The increasing cost of electricity, fuel, chemicals and labor all contribute to this increase in sewer rates, as do new debt payments on capital improvements needed to deal with stricter environmental standards and aging infrastructure. **Figure 8** shows that all population categories are seeing an increase, but the smallest communities continue to see the highest increases in terms of dollars.

Figure 8
Average Annual Sewer Charge for 1996-2010 by Population
 Based on 55,000 Gallons / Household Used Annually



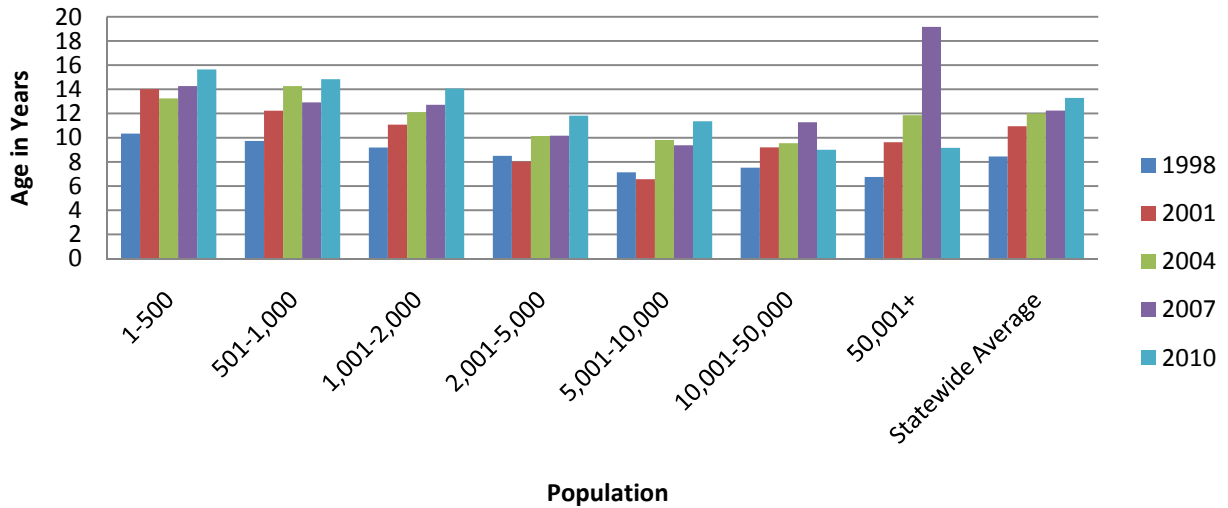
To further demonstrate this trend of rising sewer costs, **Figure 9** shows the increase in sewer user charge from 1996 to 2010 in dollars and percent.

Figure 9
Monetary and Percentage Increase Annually in Residential Sewer Charge by Population from 1996 to 2010
 Based on 55,000 Gallons / Household Used Annually



As demonstrated, the charge trend is consistently upwards, and with exception of population category 50,001+, the same pattern observed in average and median rates (**Figures 5-7**) is again visible. What should be noted is that not only does it seem the closer you are to a population between 1,001-2,000, the more you can expect to pay, but the increase in charge you can expect to feel year to year is also greater. The departure from this trend can be observed within the largest population category, 50,001+. A simple point to make on the subject can be observed in treatment facility age, shown in **Figure 10**. This population category saw the greatest decrease in average age, meaning that more facilities underwent upgrades in the last 3 years as compared to other categories.

Figure 10
Average Age of Treatment Facility by Population from 1998-2010

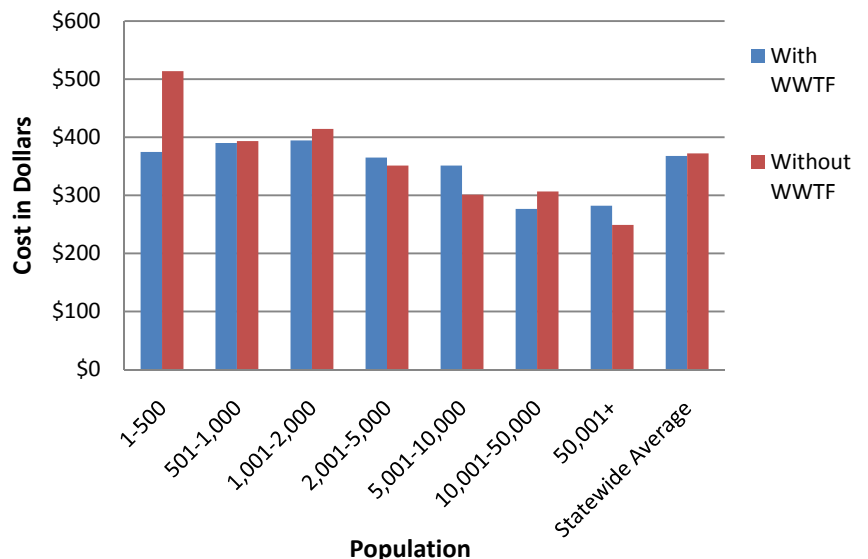


It is important to note that communities with the largest populations represent our smallest data set, and are therefore prone to much more variability from one sewer to the next.

This begins to explain some dramatic rate increases. In general, it can be assumed that population categories showing a decrease of average facility age contain communities that have undergone a facility upgrade since the previous study. It is reasonable to assume that communities having just undergone facility upgrades must collect more from their users.

Another way to look at the situation is that within a population category, a difference can be observed in annual charge between communities with and without wastewater treatment facilities (WWTF). **Figure 11** shows the differences in average annual charge associated with communities with and without WWTFs. Overall, there is no discernable trend relative to population, and the statewide averages are nearly equal. This would seem to indicate that connecting to a larger sewer system offers no clear cost advantage.

Figure 11
Communities With and Without their own Wastewater Treatment Facility Annual Sewer Charge by Population Based Actual Water Usage



B. Treatment Type

The technology a community uses for treating wastewater is an important factor in sewer charge. **Figure 12** shows the relationship between average annual sewer charge and treatment type.

Figure 12 would suggest that the least expensive treatment types are lagoon systems, with SBRs and RSFs the most expensive. However, the age of the facility and the size of the community appropriate for each treatment type may have greater impact than the technology itself. **Figure 13** shows the average ages of treatment facilities by type for years 2001-2010 and **Figure 14** shows the percentages of communities using what treatment types by population category.

Figure 12
Average Annual Sewer Charge by Treatment Type Based on Usage

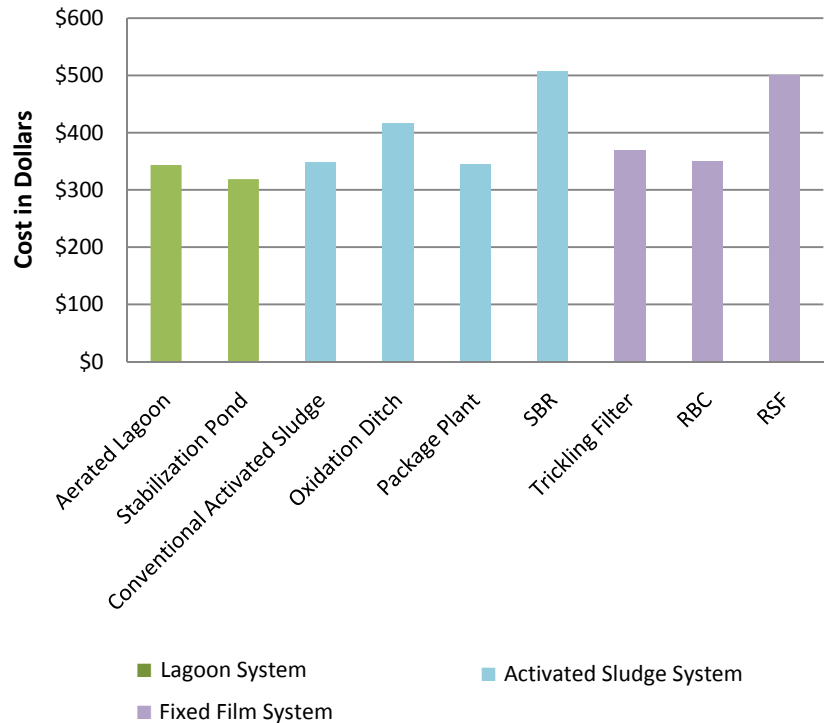


Figure 13
2001-2010 Treatment Type vs. Age of Treatment Facility

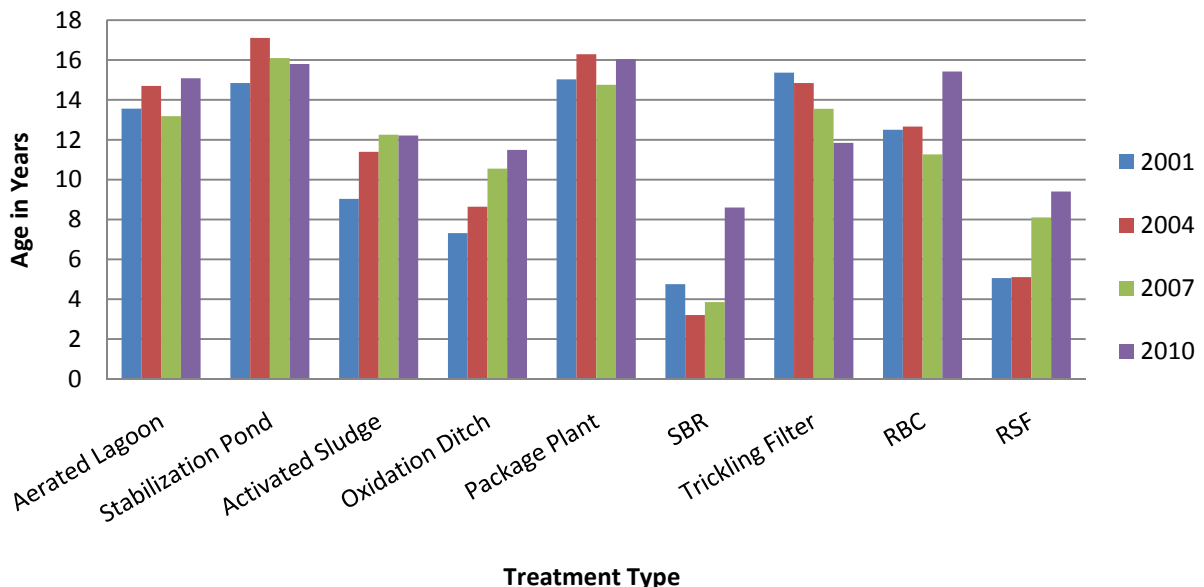
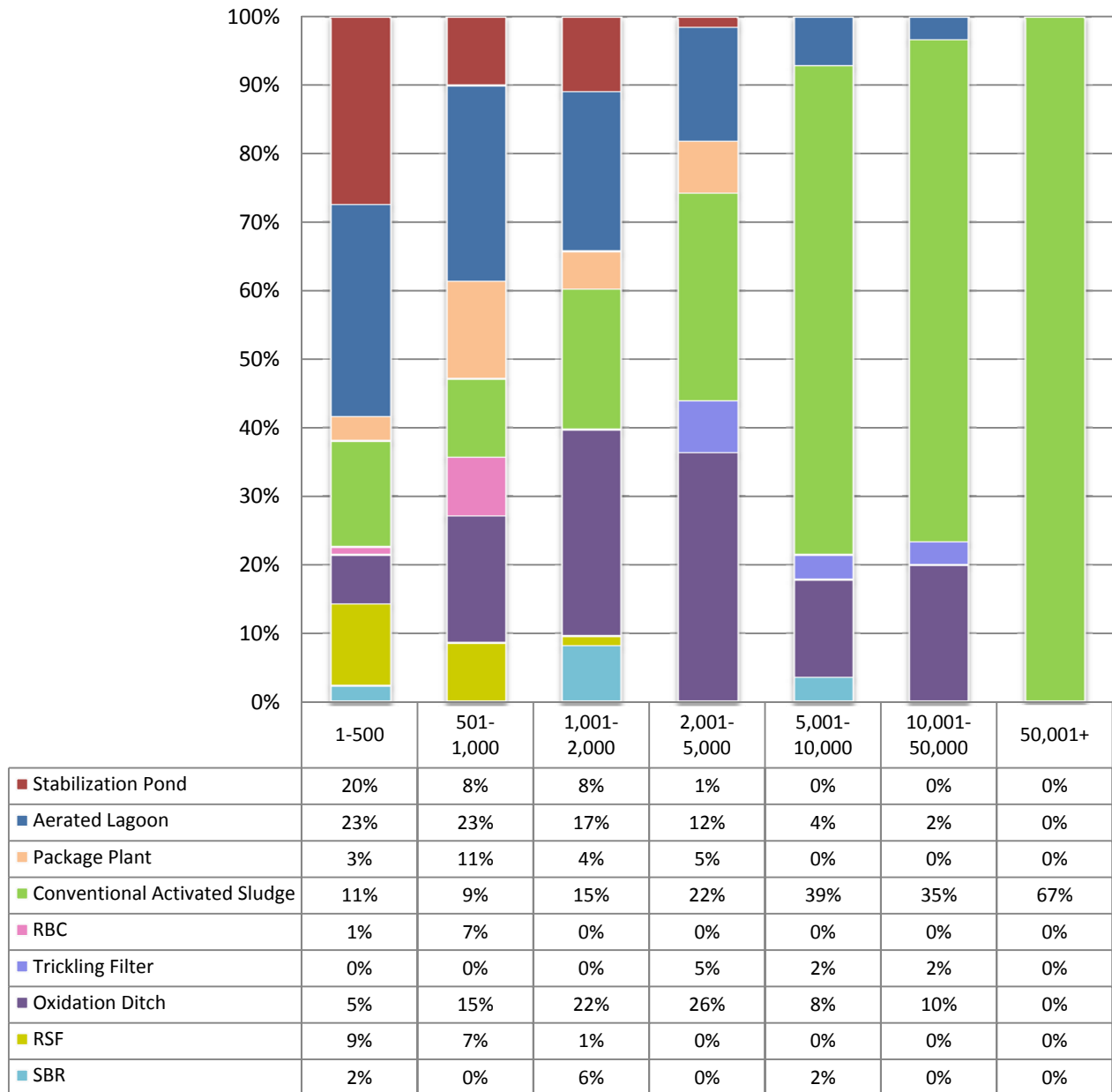


Figure 14
Percent of Communities with Treatment Type by Population



Some types of treatment, such as lagoon systems, require a less complicated operation, allowing for lower rates. **Figure 13** shows that the younger the facility, the higher the annual sewer charge, accounting for the cost of recent construction. Comparing **Figure 14** to **Figure 12**, the further a population is from the 1,001-2,000 category, the more likely they are to use the least expensive forms of treatment. Looking back to **Figure 8**, a trend begins to emerge about the relations between population, treatment type and average charge. This, compounded with the effect of the economy of the scale, greatly helps to explain why larger communities can sustain themselves with the lowest sewer charges.

The 2010 Survey asked communities questions about sludge handling. **Figure 15** shows the percent of respondents that use land application, landfill, and public distribution to handle their sludge.

By far, the most common type of sludge handling is by land application, with 92% of the respondents.

Figure 15
Sludge Handling by Treatment Type

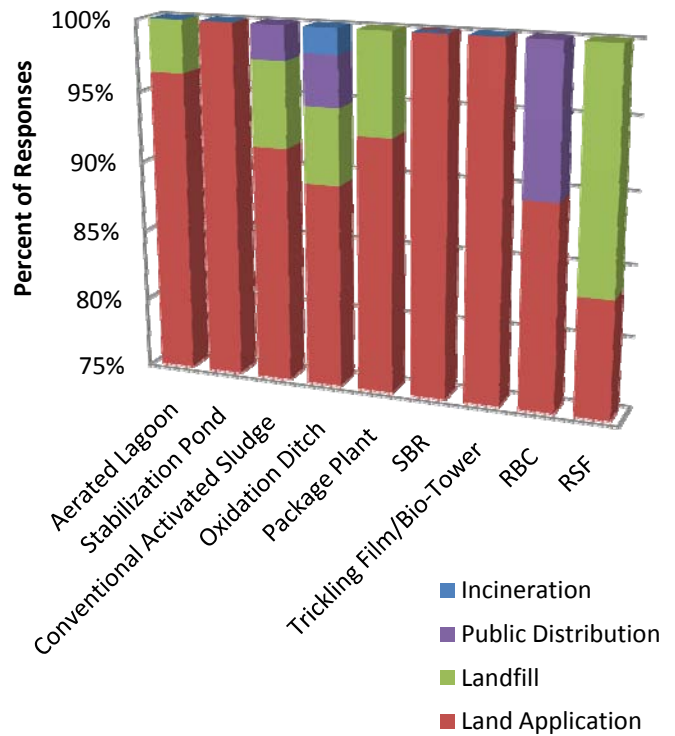


Figure 16
Sludge Class by Treatment Type

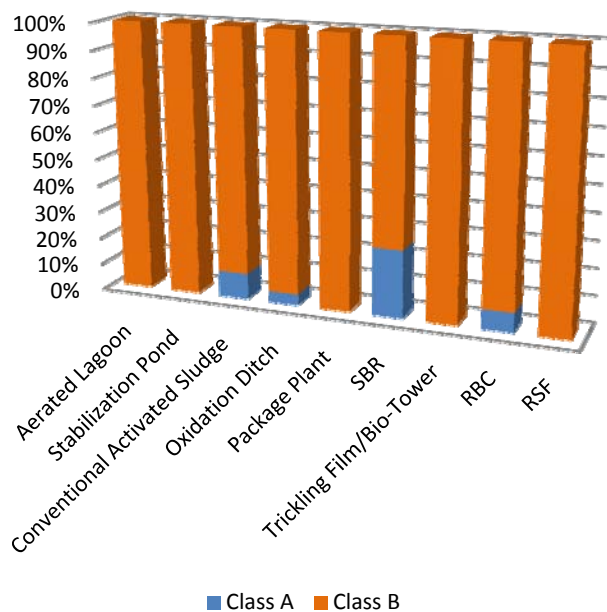


Figure 16 shows the percentage of respondents that produce class A and class B sludge by treatment type. Statewide, only 6% of the respondents were producing a class A sludge. When asked if communities foresee a need to move towards class A, only about 6% answered that they did.

C. Communities without Wastewater Treatment Facilities

For communities without their own wastewater treatment facility, questions were asked pertaining to the age and maintenance of their sanitary collection system. **Figure 17** shows the average age of the oldest sewers by population category. The figure shows that the largest communities were the first to install sewer systems, and now have the oldest sewers. Statewide the average age, with sewer pipes often assigned a nominal design life of 50 years, it is clear that we are approaching a time when many of the original collection systems will require rehabilitation or replacement. This effort will place a further burden on the rate payers.

Figure 18 shows the average percent of communities that have some effort to televise their sewers regularly and the approximate percent that is televised annually. It appears that communities are recognizing this need, with about 60% of the communities doing some televising annually. Of those responding, the average community is televising about 10% of their sewers each year, which would provide for a complete inspection of the collection system over a 10-year period.

Figure 17
Age of Oldest Sewer by Population
Communities Without WWTF

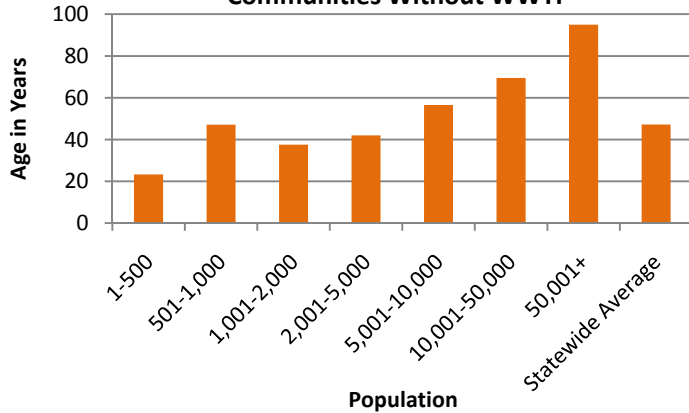
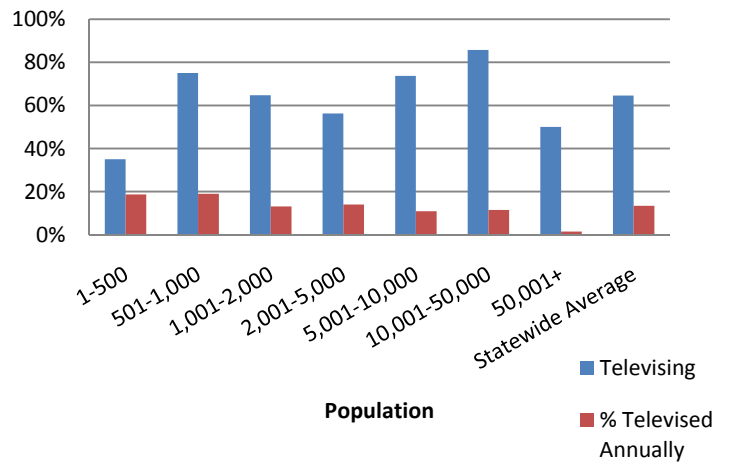


Figure 18
Average Percent Televising and Percent of
Sewer Televised Annually by Population



D. Last Rate Increase

To ensure enough revenue and to keep facilities up to date, communities must adjust rates accordingly. As seen in the largest communities, frequent rate updates can prevent communities from falling behind and can help to sustain healthy operations. **Figure 19** displays the average years since last rate increase by population.

Figure 19
Years Since Last Rate Increase by Population

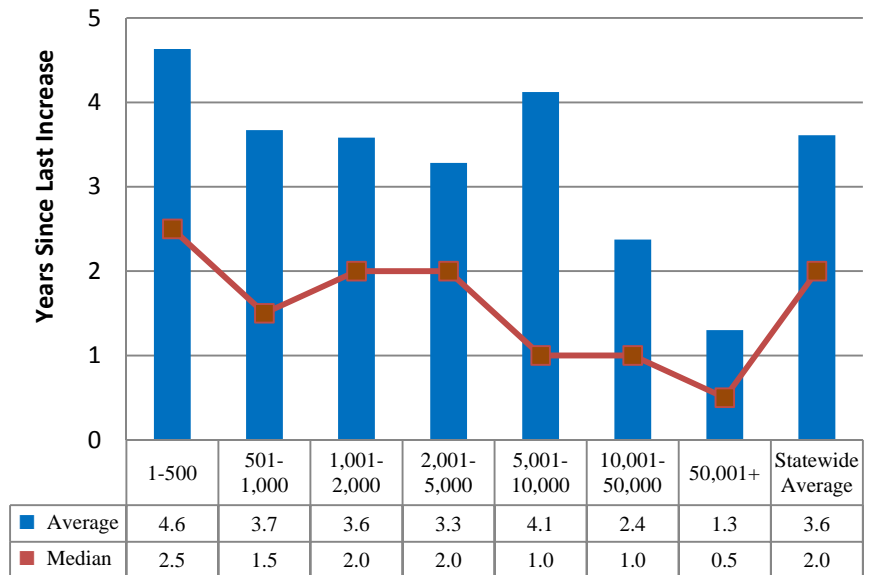
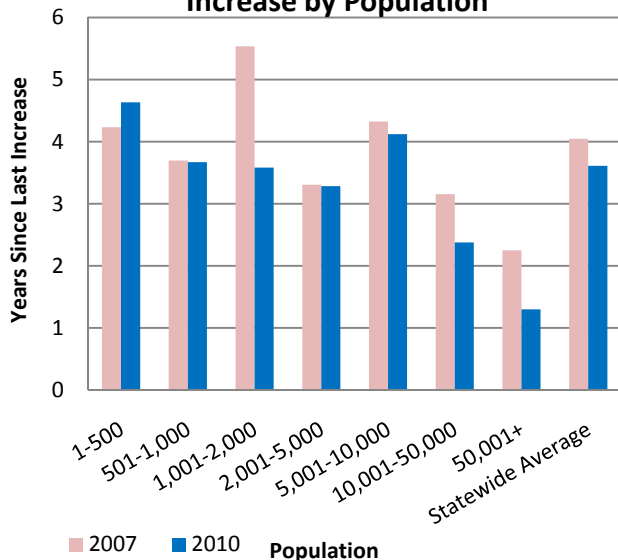


Figure 20
Average Years Since Last Rate
Increase by Population



In general, the communities that have the largest populations have the most frequent rate increases. With many smaller communities, when there is not a facility upgrade in recent years or in the immediate future, rates remain constant for longer. This typically leads to a much larger increase when the time comes.

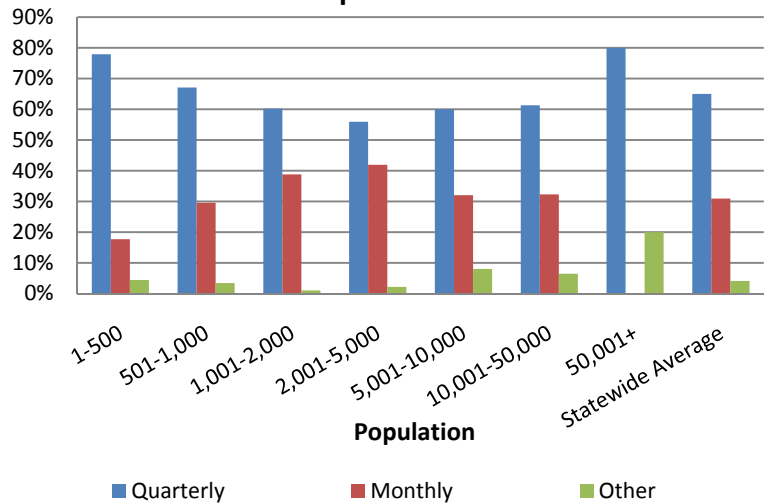
Figure 20 shows the average years since last rate increase by population category for years 2007 and 2010. All population categories other than 1-500 exhibit a decrease in the average time since the last rate increase. This may suggest an increased awareness of the need to keep rates current.

E. Billing Frequency

A majority of communities use a quarterly billing frequency, followed by a small percentage relying on other frequencies. **Figure 21** demonstrates the percentages of communities billing quarterly, monthly or another frequency by population category.

There is an interesting pattern shown in **Figure 21**. While on one hand, a more frequent billing cycle can help residents deal with higher sewer rates, the smaller communities may not be equipped to handle a more demanding bill schedule. The peak use of monthly billing occurs in the 2,001-5,000 population category.

Figure 21
Billing Frequency Type Percentages by Population



F. Other Sources of Revenue

Property Tax

In addition to sewer rates, some communities opt to allocate a portion of property taxes to the sewer utility. About 13% of all communities surveyed allocate a property tax component. **Figure 22** shows the percentage of communities within a population category that utilize a property tax for sewer utility and **Figure 23** shows the average monetary property tax contribution per household by population*.

Figure 22
Percent of Communities with a Property Tax Component by Population

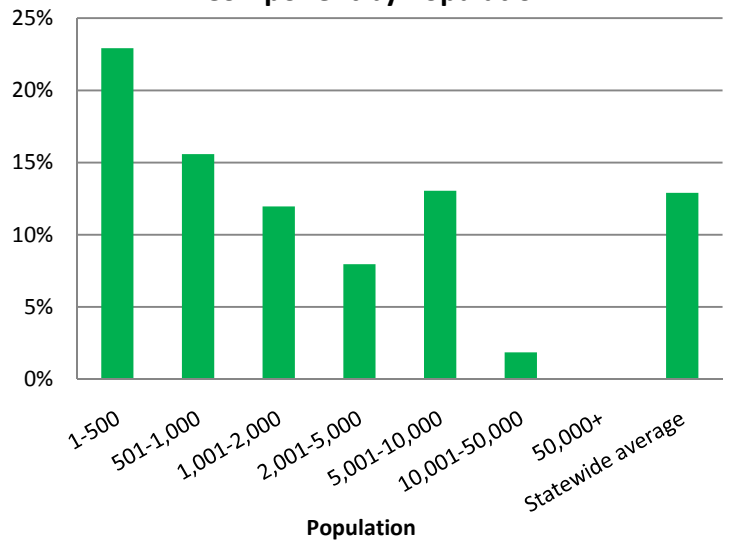
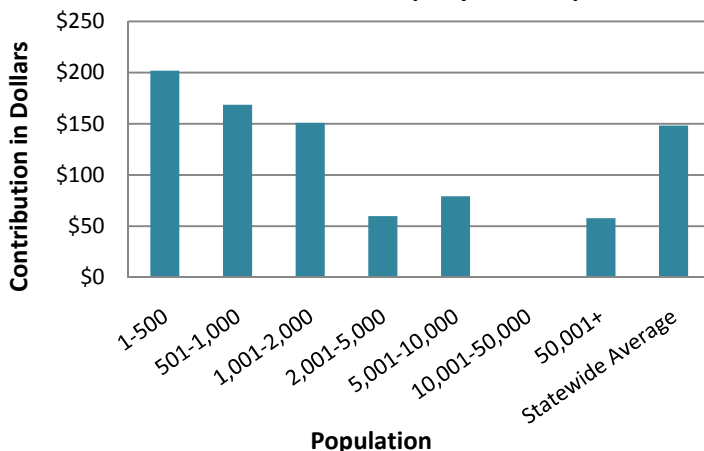


Figure 23
Average Annual Property Tax Contributions per Household by Population
Communities with a Property Tax Component*



Figures 22 & 23 show that a larger percentage of smaller communities allocate property taxes for their sewer rates and, on average, more property tax dollars per house are allocated to the sewer utility in smaller communities.

*Some Communities reported a property tax component that could not be estimated per household due to insufficient data

Figure 24
Percent of Communities with a Property Tax Component by Population: 2001, 2010

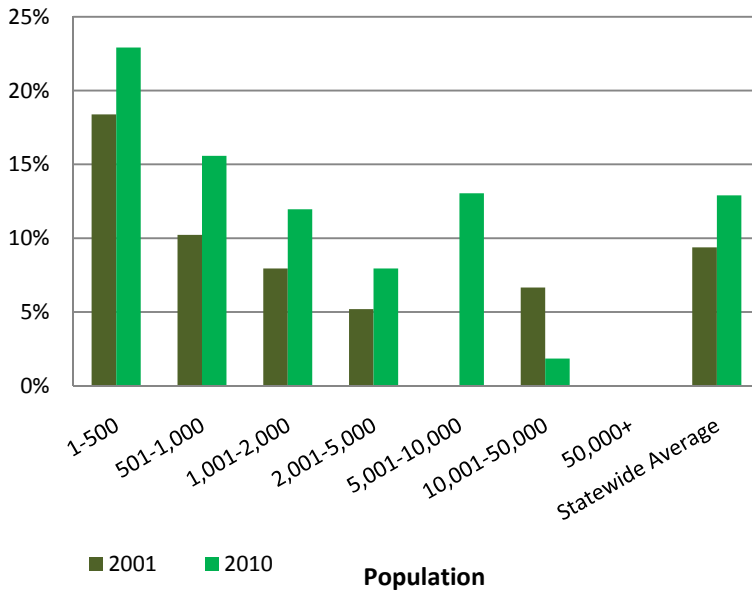
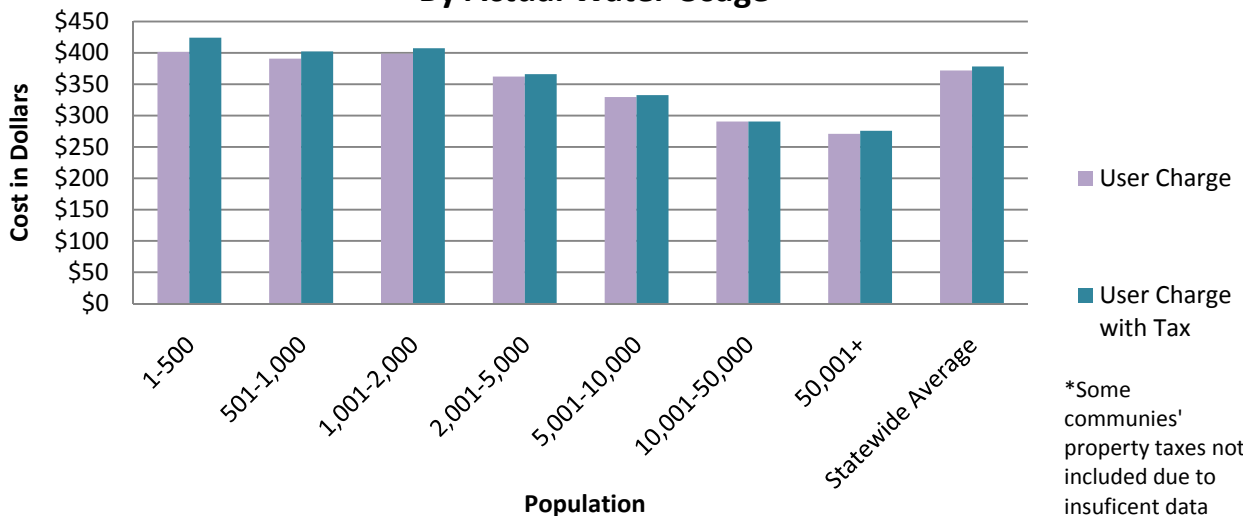


Figure 24 shows the percent of communities with a property tax component has on average increased by about 4% from 2001 to 2010.

An issue of concern to users is that pay-ins for utility service based on property tax is not representative of what a person consumes, but of the value of their assets. However, this system does offer tax deductibility, and now becomes grouped with other community costs such as road repair and school funding. In the case of communities without a metered water system, property taxation may be more valid than a flat fee for all users, assuming the value of a property may be proportional to the number of people residing there.

Figure 25 demonstrates how the average annual sewer charges are impacted by the addition of property taxes to yield the true cost of sewer service.

Figure 25
Average Annual Sewer Charge Including Property Tax by Population
By Actual Water Usage



Connection Fees

Many communities charge for the privilege of connecting to their sewer system. This charge can be seen as a type of reimbursement to those existing customers who paid for the collection system and treatment facility that is available for new customers to connect to, or a payment for any future updates/expansions that will eventually occur due to the increase of customers. Connection fees can help a community to generate revenue and save for future expenses, reducing the impact of growth on the existing residents.

The two types of connection fees are hook-up and impact fees. For the purpose of this study, a hook-up fee is a sum of money collected for a new connection that is not based on funding specific improvements, so the money is placed in the general fund. An impact fee is held to a higher statutory standard, collecting money for specific growth related improvements and depositing it into a restricted use account. **Figure 26** shows the percentage of communities charging connection fees by population.

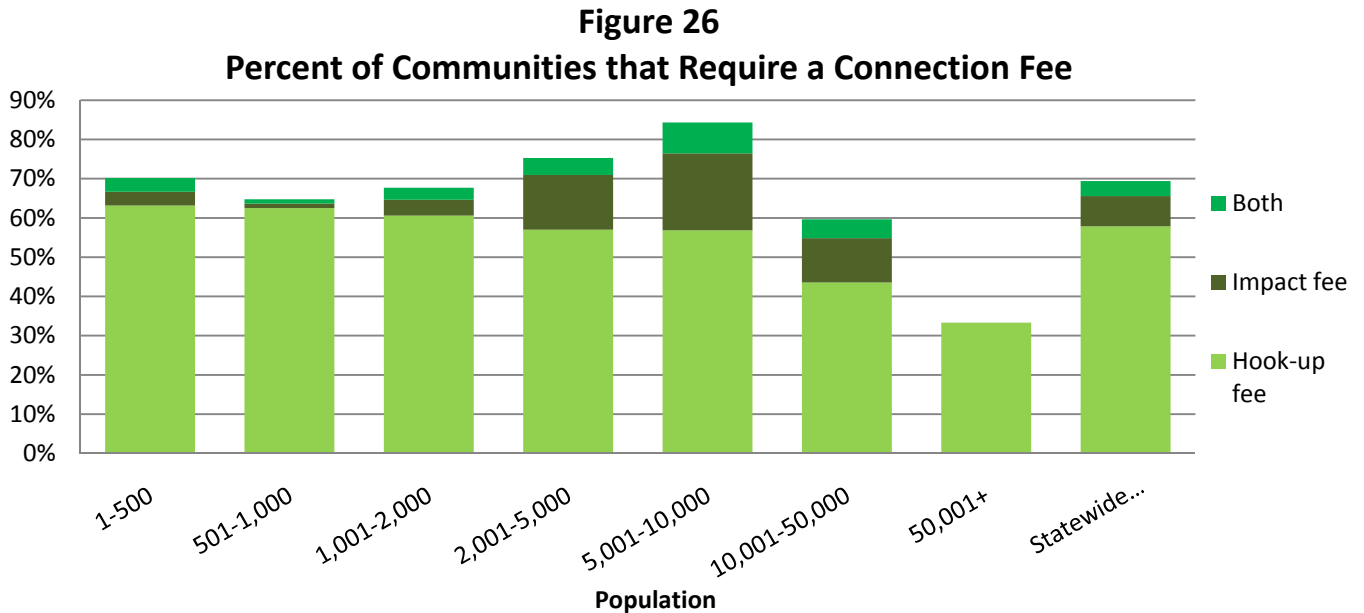


Figure 26 shows that the most common connection fee for a community to charge is a hook-up fee. It can also be noted that the largest populations are the least likely to charge a connection fee. This could be due to development trends, in which the smaller communities are expecting the largest growth, and therefore are more likely to charge a connection fee. **Figure 27** shows the average and median hook-up fee by population category, and **Figure 28** shows the range and median hook-up fee.

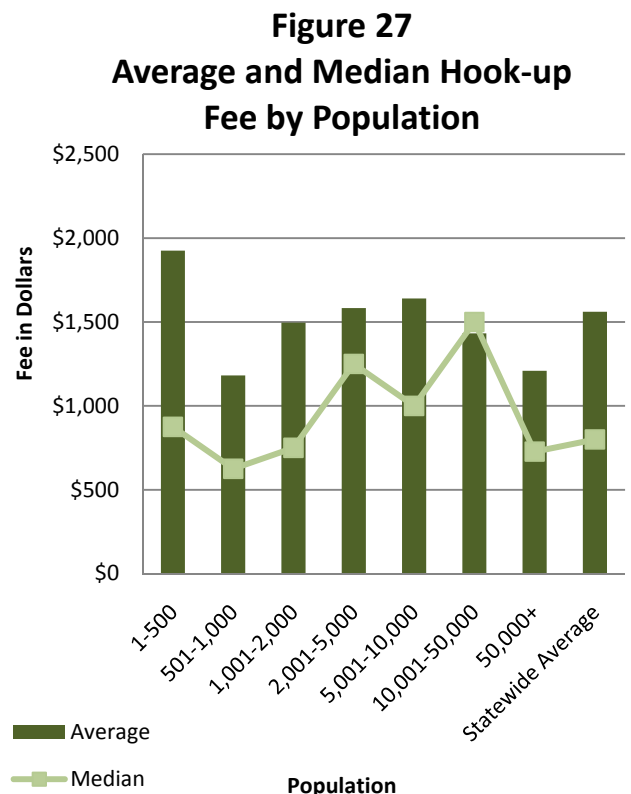
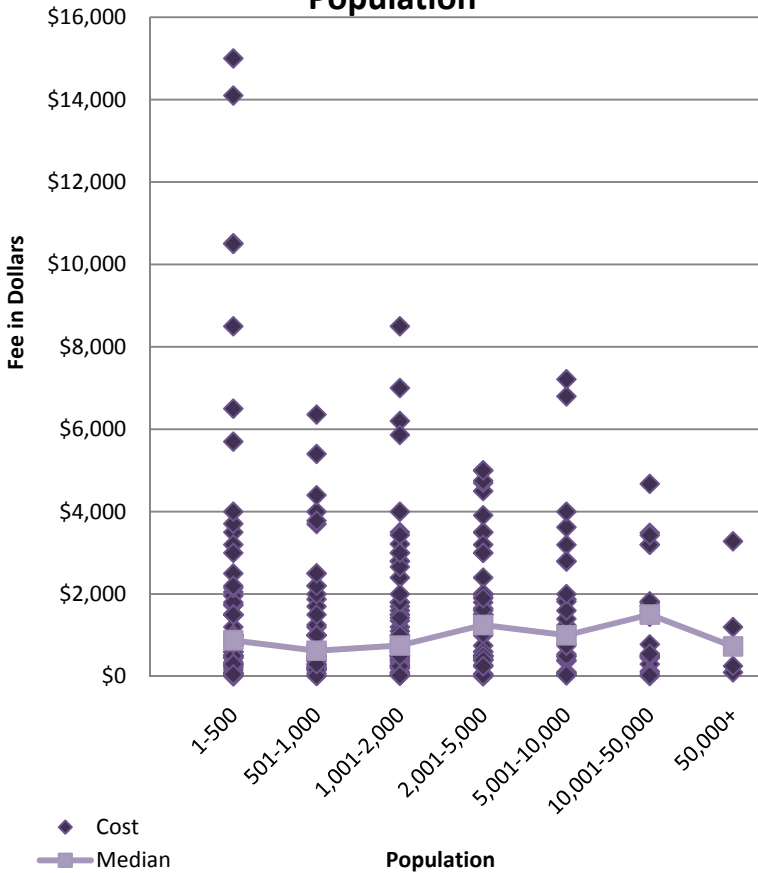
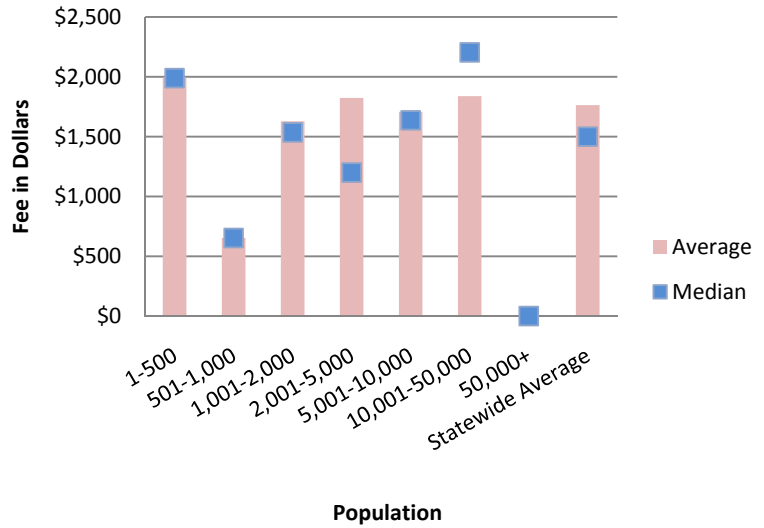


Figure 28
Range and Median Hook-up Fee by Population



Because impact fees are much less common than hook-up fees, the pattern is much less predictable. **Figure 29** shows the average and median impact fee by population category.

Figure 29
Average and Median Impact Fee by Population



In the years that this survey has been conducted, connection fees have generally been increasing. **Figures 30 & 31** demonstrate the average monetary and percent change in statewide connection fees since 2001.

Figure 30
2001-2010 Average Hook-up and Impact Fees

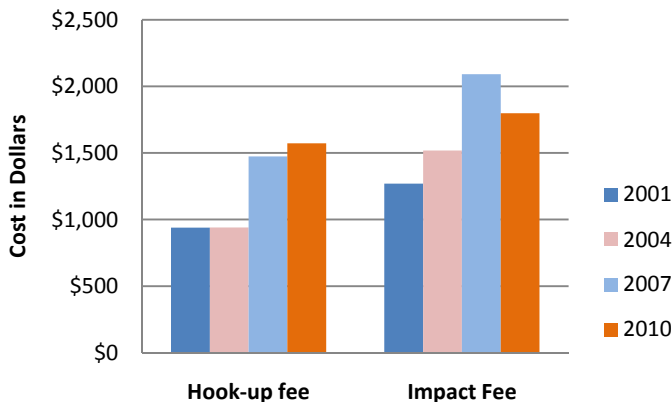
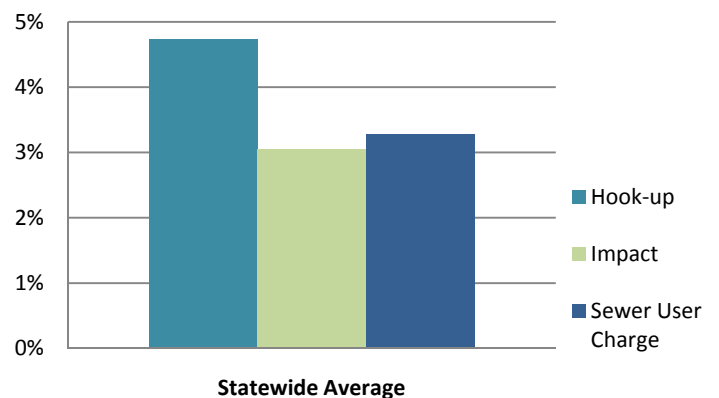


Figure 31
2001-2010 Annual Percent Increase in Connection Fees and User Charges



Hauled Waste and High Strength Waste Charges

The largest communities are most likely to accept hauled waste and charge for high strength waste. **Figure 32** shows the percent of communities that accept holding and septic tank waste.

Figure 32
Percent of Communities Accepting Hauled Waste by Population

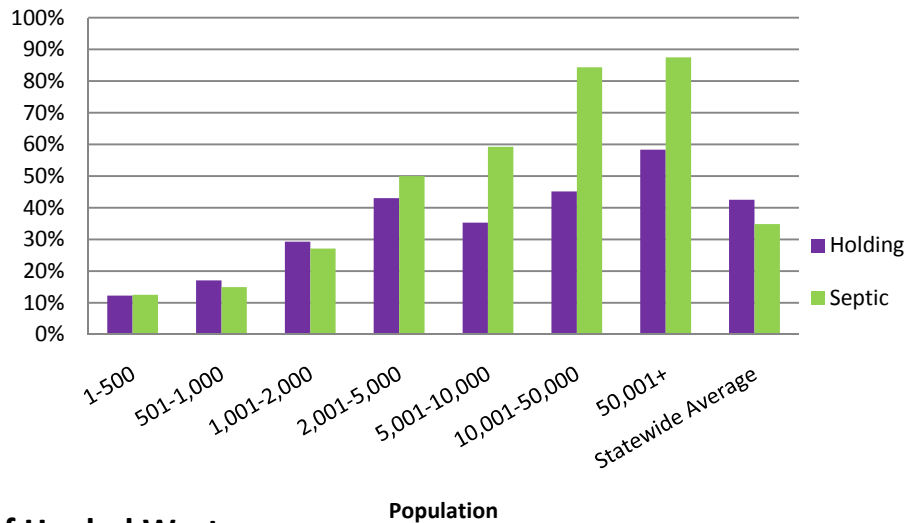
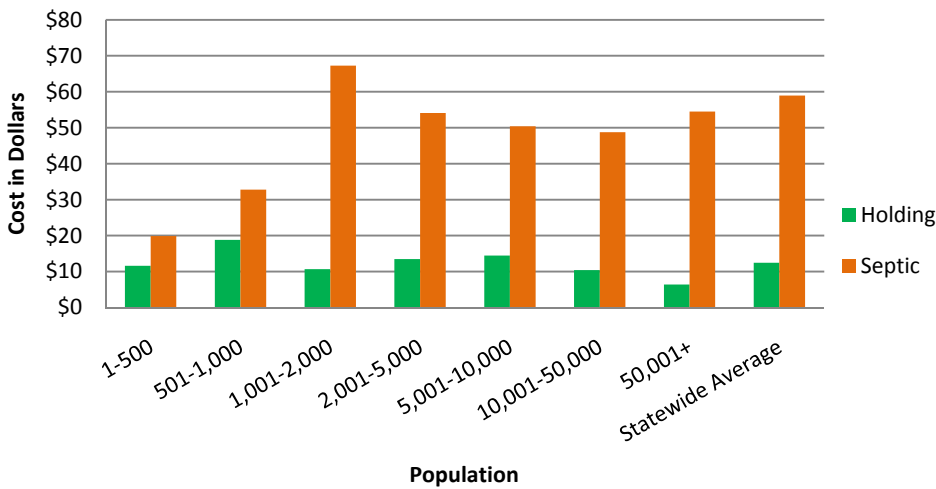


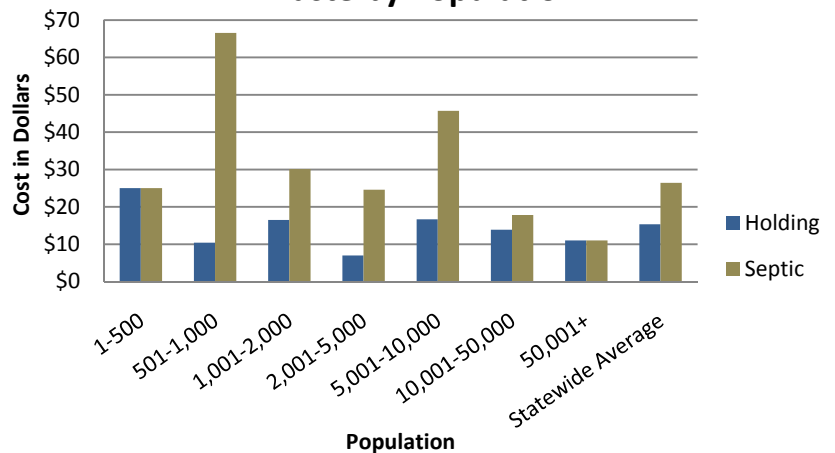
Figure 33
Average Cost of 1,000 Gallons of Hauled Waste by Population



The disposal of septic tank waste costs more due to its much more concentrated nature. **Figure 33** shows the average cost per 1,000 gallons of hauled waste by population category.

In addition to, or sometimes instead of, charging per 1,000 gallons of waste accepted, some communities charge a fixed administrative fee per load for accepting the waste. **Figure 34** shows the average charge administered for accepting holding and septic tanks by population category.

Figure 34
Average Administrative Charge for Hauled Waste by Population



Larger communities are more likely to have some major commercial and industrial dischargers producing high strength waste. **Figure 35** shows the percent of communities who charge for high strength waste by population category and **Figures 36 & 37** show the average charge per pound above a domestic strength limit by population category.

Figure 35
Percent of Communities with High Strength Surcharges

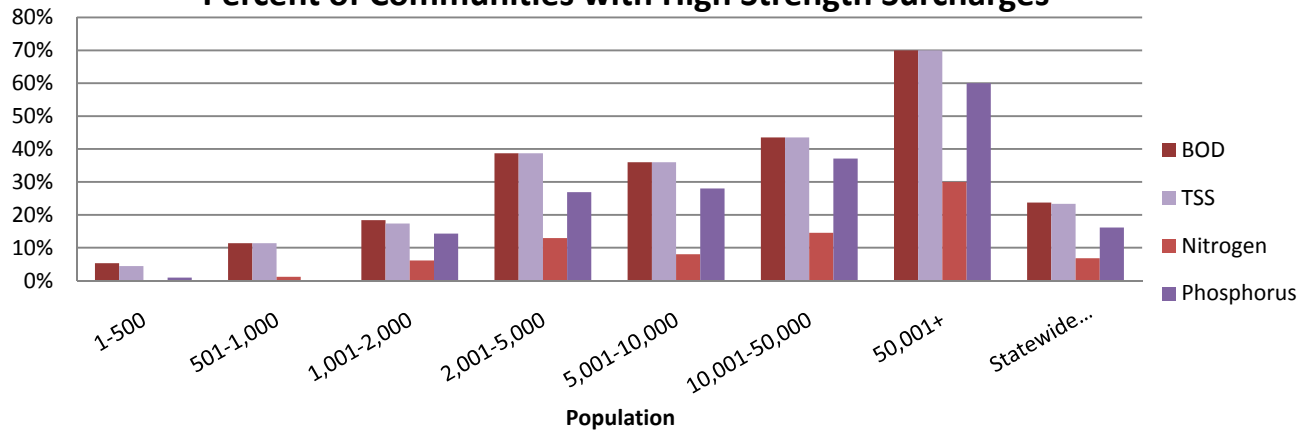


Figure 36
Average Surcharge per Pound of High Strength Waste Over Limit

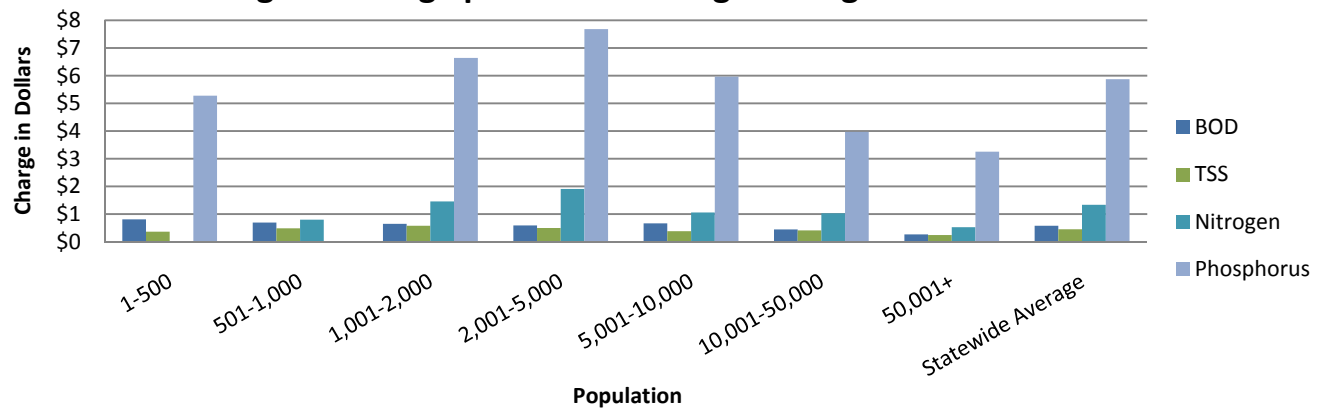


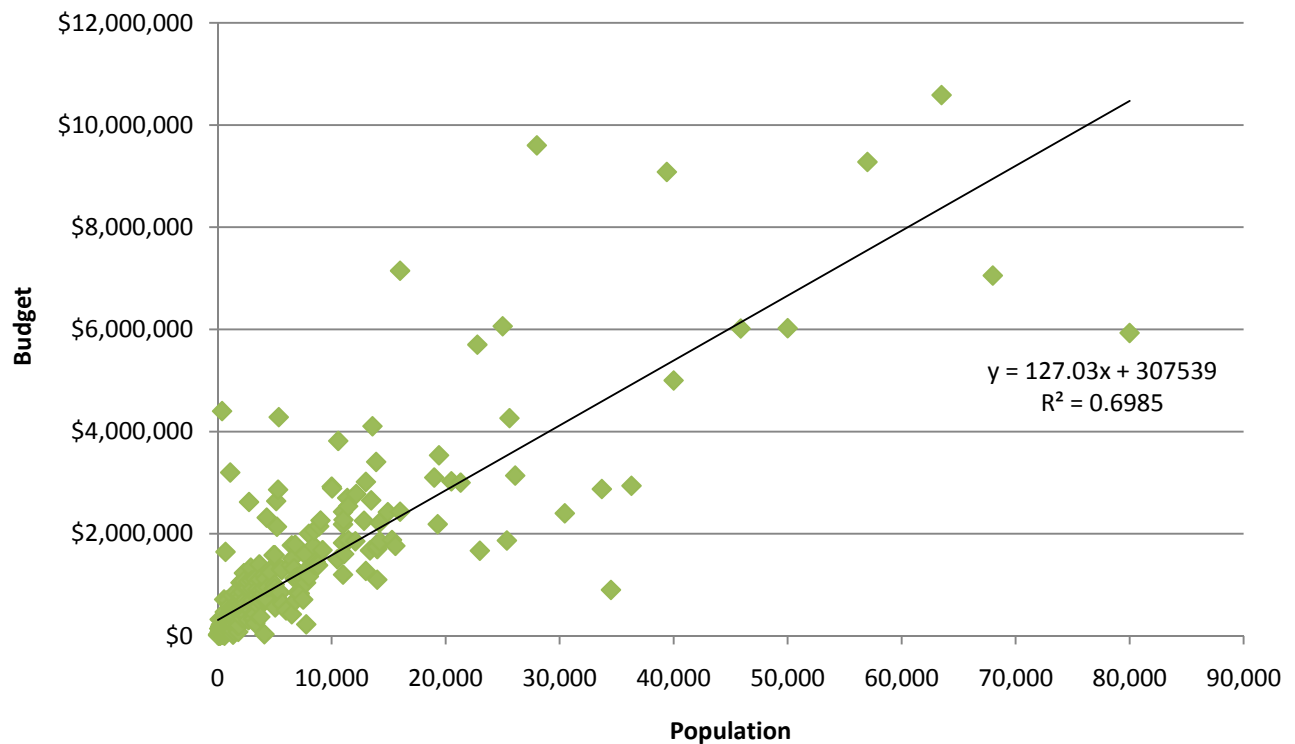
Figure 37
Average Surcharge of High Stress Waste by Population

Population	BOD		TSS		Nitrogen		Phosphorus	
	Unit Cost, \$/lb	over mg/L	Unit Cost, \$/lb	over mg/L	Unit Cost, \$/lb	over mg/L	Unit Cost, \$/lb	over mg/L
1-500	\$0.81	245	\$0.36	262	-	-	\$5.28	-
501-1,000	\$0.70	281	\$0.49	229	\$0.80	-	-	-
1,001-2,000	\$0.65	264	\$0.58	295	\$1.46	43	\$6.64	11
2,001-5,000	\$0.59	247	\$0.50	259	\$1.91	37	\$7.68	10
5,001-10,000	\$0.66	281	\$0.38	272	\$1.06	28	\$5.96	8
10,001-50,000	\$0.45	228	\$0.42	245	\$1.03	29	\$3.97	9
50,001+	\$0.27	219	\$0.25	270	\$0.53	38	\$3.25	7
Statewide Average	\$0.58	252	\$0.46	263	\$1.34	35	\$5.87	9

G. Budget Information

For the benefit of funding agencies, information was collected on sewer budget in an attempt to find a meaningful trend. **Figure 38** shows community sewer budgets by population, with a best-fit line and equation. A similar figure is included in each population tab at the end of this report.

Figure 38
Sewer Budget by Population



III. WATER RATES

Provided by the Public Service Commission of Wisconsin are water rates for the communities that responded to the 2010 Sewer User Charge Survey. **Figures 39 & 40** show the average annual cost of water by population category.

Figure 39
Average Annual Cost of Water by Population
Based on 55,000 Gallons / Household Used Annually

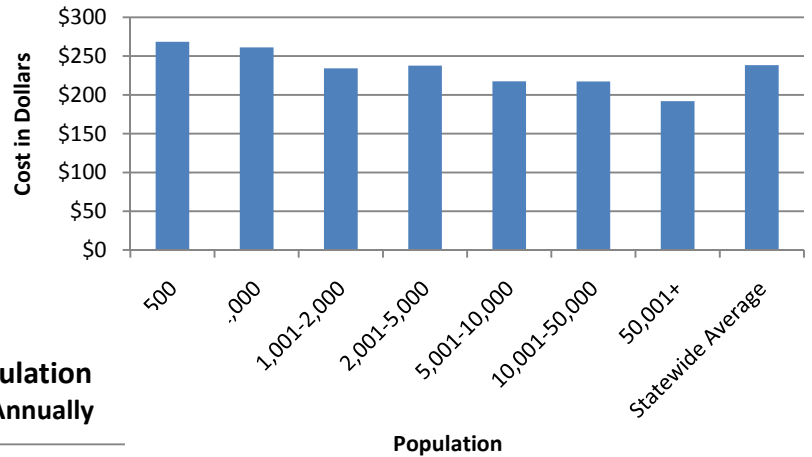
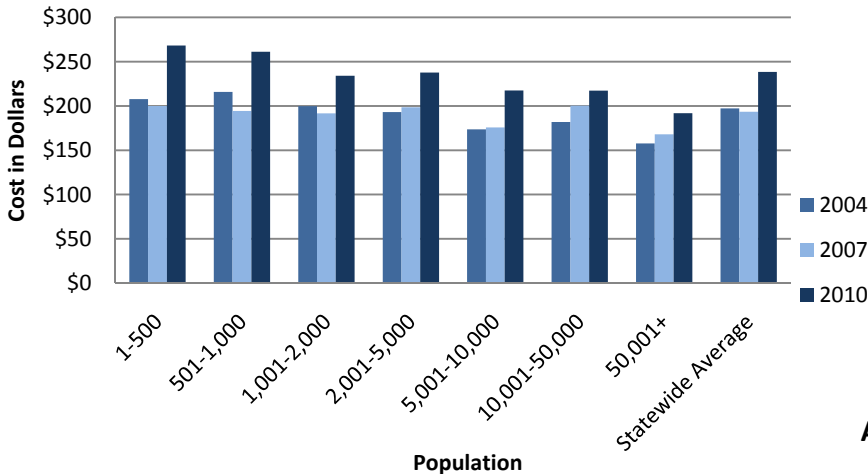


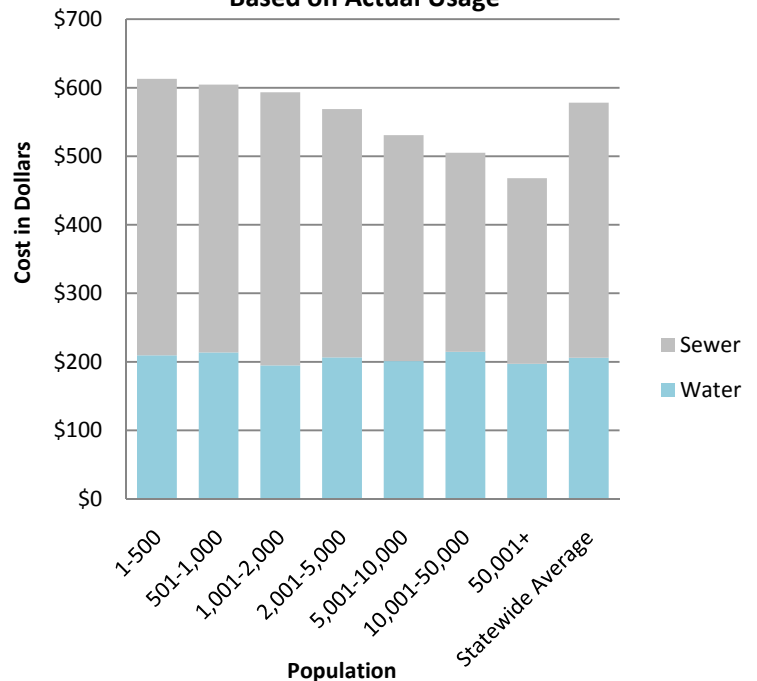
Figure 40
2004-2010 Annual Cost of Water by Population
Based on 55,000 Gallons / Household Used Annually



What can be noted is that while water costs from 2004 to 2007 seemed fairly constant, the cost seems to have increased from 2007 to 2010.

Figure 41 shows the combined sewer and water utility cost by population category. Unlike the cost of sewer service, there is very little fluctuation in the cost of water service based on actual usage. The smallest communities have the highest total utility costs. When looking back to **Figures 5 & 7**, in which the annual sewer cost dropped off below 1,000 population, an interesting new light seems to be cast upon the trend; on average, as population increase, overall utility cost decreases.

Figure 41
Average Annual Cost of Water and Sewer
Based on Actual Usage



IV. AVAILABILITY OF FUNDING

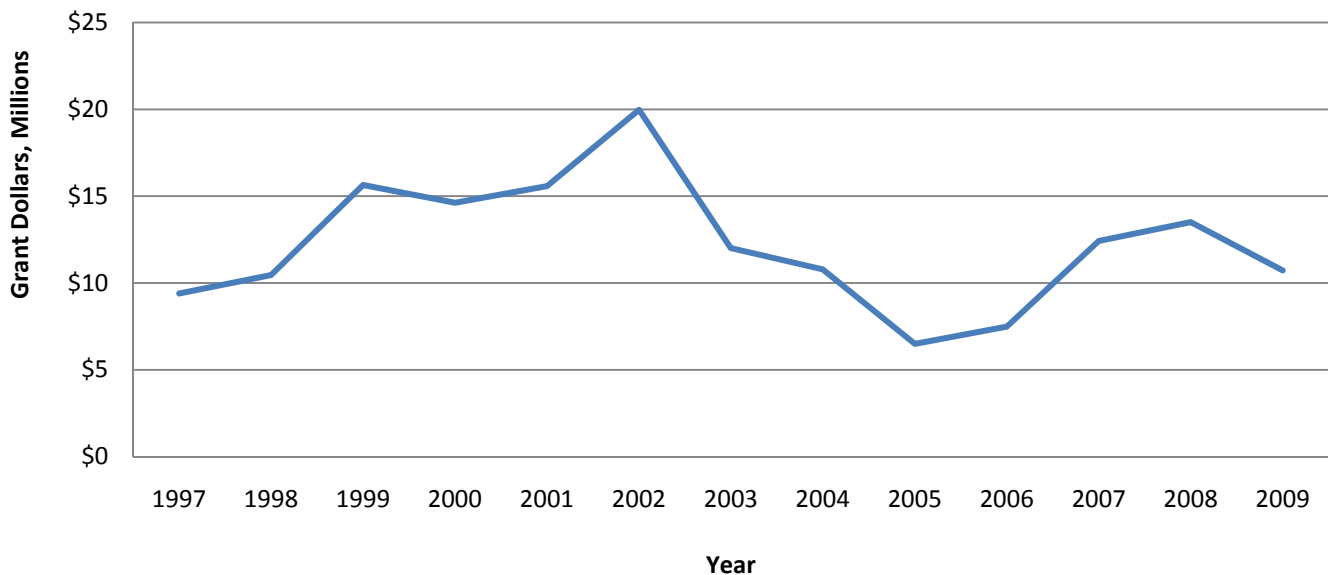
The federal Clean Water Act amendments of 1972 were responsible for many wastewater treatment facility upgrades from the late 1970's through the mid 1980's. The USEPA provided grant funds that paid the majority of construction costs for many treatment facilities built during that era. Unfortunately, in 1990, the program was phased out and replaced by state provided low interest loans.

Three major sources of grant funding have historically taken the place of the USEPA's grant program:

- United States Department of Agriculture (USDA) Rural Development
- Wisconsin Department of Natural Resources (WDNR) Clean Water Fund
- Wisconsin Department of Commerce Community Development Block Grants

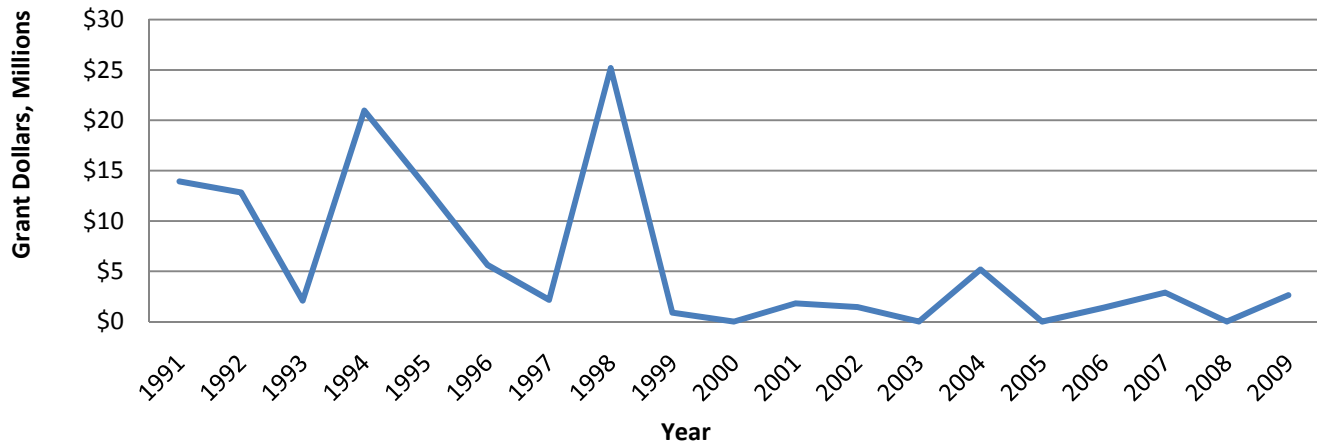
Since 1966, the USDA's Rural Development Program has been providing grants for wastewater treatment projects. The program serves communities of populations of 10,000 and less with 40 year loans. Some grants may be available to communities with sewer rates of 2% of census median household income (MHI) data (currently year 2000). **Figure 42** shows the USDA Wisconsin Water & Wastewater Grant Obligation dollars by year since 1997.

Figure 42
USDA Wisconsin Water & Wastewater Grant Obligations
1997 - 2009



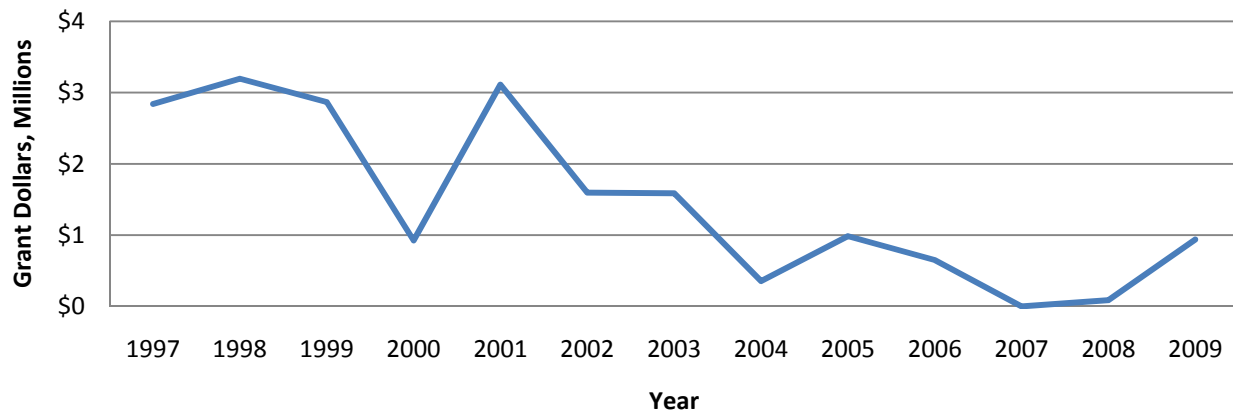
Wisconsin's low interest revolving loan program, the Clean Water Fund, has provided subsidized interest rates on eligible wastewater treatment plant projects for the last 20 years. A small grant program known as the Hardship Assistance Grant has been available to assist low-income communities that have notable difficulty paying for treatment facility projects. To qualify, a community's MHI must be 80% of the state's median, and sewer rates must exceed 2% of the community's most recent MHI (currently 2006). **Figure 43** shows the total DNR Hardship Grant dollars provided by year.

Figure 43
DNR Hardship Grants
 1991 - 2009



The Wisconsin Department of Commerce provides a Community Development Block Grant program for Public Facilities (CDBG-PF). That has funded numerous wastewater treatment facilities in moderate to low income communities. **Figure 44** shows the amount of CDBG-PF dollars that went to wastewater treatment projects since 1997.

Figure 44
CDBG-PF Grants in Dollars to WWTF Projects
 1997-2009



In 2009, The American Recovery and Reinvestment Act (ARRA or Stimulus) was passed by the federal government. \$6 billion was set aside for wastewater and drinking water infrastructure of the total \$80.9 billion invested in infrastructure. Not included in the above figures is the portion of this ARRA money that Wisconsin will benefit from. So far this year, the USDA anticipates \$19.6 million allocated for loans and \$11.1 million for grants in Wisconsin. The DNR was also allocated \$104 million of this ARRA stimulus money for fiscal year 2010. Though this is a fortunate occurrence, it does not appear likely that it will be repeated in the coming year.

V. AFFORDABILITY

Grant programs will largely look at affordability when determining grant eligibility. Different grant programs will base affordability on either 2000 or 2006 median household income (MHI). **Figure 45** shows the average 2000 and 2006 community MHI by population category.

Figure 45
Average 2000 and 2006 MHI by Population

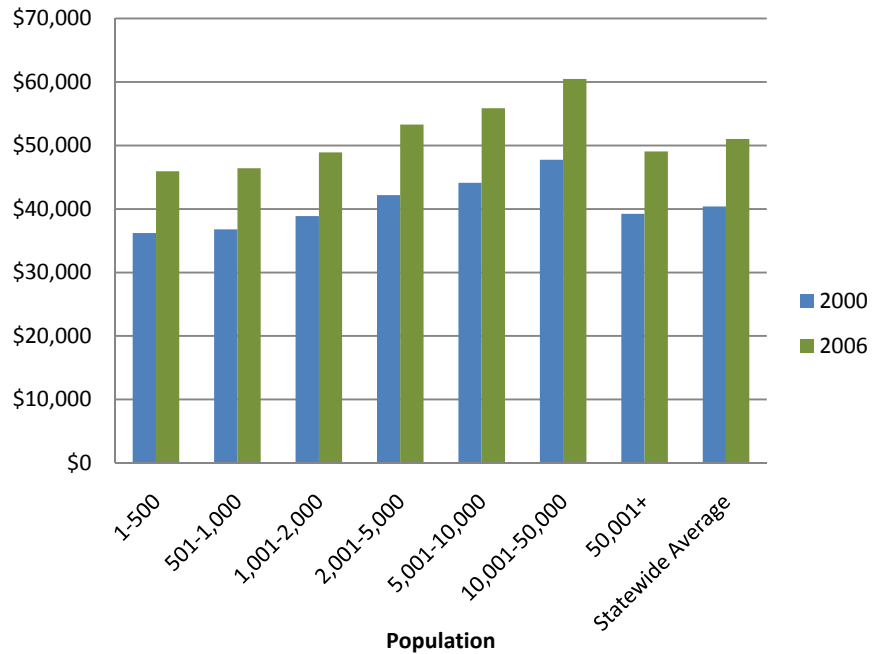
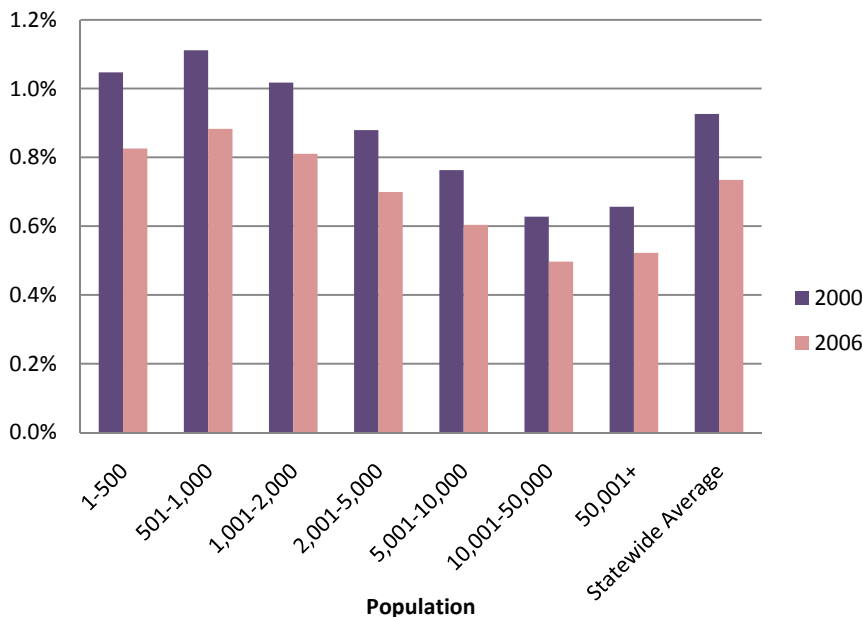
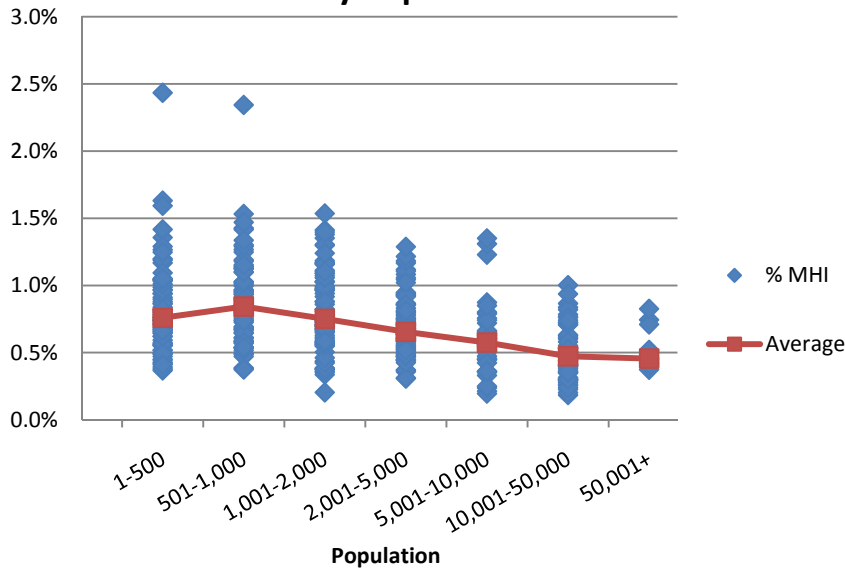


Figure 46
Average Percent of 2000 and 2006 MHI Spent on Sewer Costs by Population



Affordable sewer or water service is often determined as being 2% or less of the community’s MHI. **Figure 46 & 47** show the average percent of MHI spent on sewer cost by population category and the range of percent MHI by population.

Figure 47
Percent of MHI 2006 Spent on Sewer Costs
by Population



Smaller communities pay a higher percentage of their income to sewer rates.

It is also interesting to note that out of 411 communities appearing in **Figure 47**, only two have rates high enough to meet the DNR standards to qualify for Hardship funding.

VI. FUTURE NEEDS EVALUATION

Data was collected on the future need for rate increases. **Figures 48 & 49** show the percent of communities anticipating a rate increase in 2010 by population category and the average percent of rate increase anticipated.

Figure 48
Percent of Communities with Anticipated Rate Increase in 2010 by Population

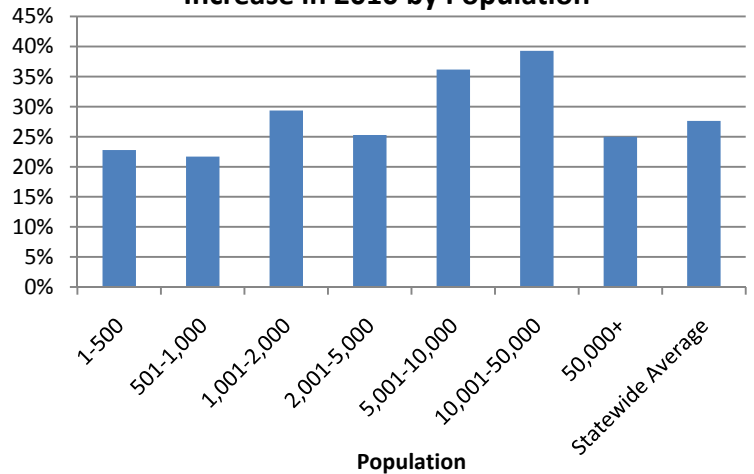
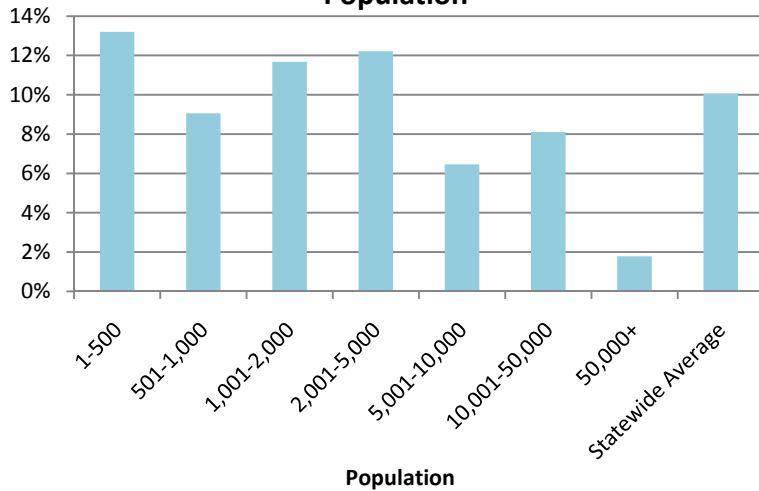


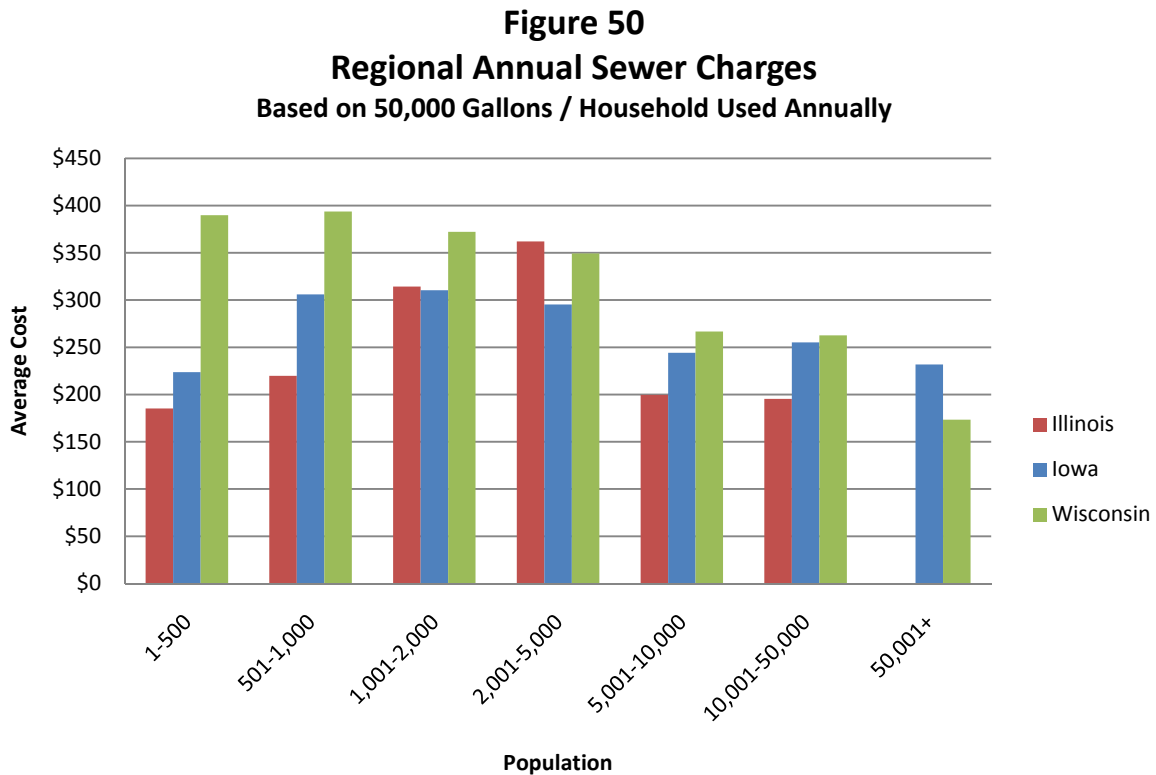
Figure 49
Average Percent Rate Increase Anticipated by Population



It is of no surprise that sewer rates will continue to climb, and that they will continue to be disproportional with regards to community size. While a larger percent of the largest communities can expect a rate increase, the smallest communities continue to experience the largest percent increases.

VII. REGIONAL COMPARISON

As is seen in this report, sewer rates fluctuate greatly from community to community based on myriad factors, but grouping certain communities can reveal trends throughout Wisconsin. When looking at two other studies performed on states in the region (Illinois and Iowa), some interesting general trends can be observed. **Figure 50** shows the annual sewer charges for three states in the region.



It can be observed that the general trend with respect to population is consistent. However, compared to the other states' sewer utilities; Wisconsin's small communities pay far more. This is likely due to Wisconsin's more progressive environmental standards. Small communities in Iowa and Illinois have not yet been subject to enforcement of stringent standards on ammonia nitrogen and phosphorous, but only need look at Wisconsin's rates to see what lies in their future.

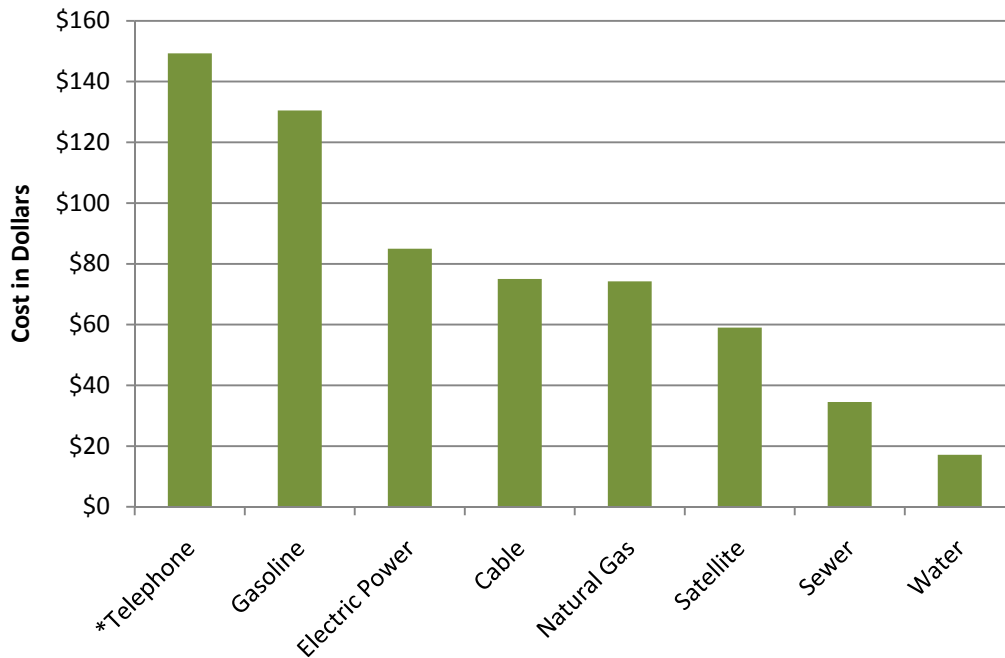
Regional Data

Illinois	65 Respondents	User charge survey results and data presentation. (2007). <i>The Cost of Clean and Safe: 2007 Northwest Illinois Sewer & Water User Charge Survey Report</i> Galana, Illinois: MSA Professional Services, Inc.
Iowa	232 Respondents	Paseka, S. L. (2008). Table-1, individual city data. <i>Water and Wastewater: Facility Upgrade and Improvement Costs for the Cities of Iowa</i> Des Moines, Iowa: Iowa League of Cities.
Wisconsin	447 Respondents	Sewer rates presentation. (2007). <i>The Cost of Clean: 2007 Wisconsin Sewer User Charge Survey</i> Baraboo, Wisconsin: MSA Professional Services, Inc.

VIII. UTILITY COMPARISON

While sewer utility costs very greatly from community to community, on average, it is still one of the least expensive utilities an ordinary household utilizes. **Figure 51** shows the average monthly cost of common utilities.

**Figure 51
2010 Monthly Utility Cost**



*Based on combined landline and mobile rates

2010 Utility Rates

Telephone	
Landline	\$123: Average of 3 leading providers for average family (2.6 members), mid plan minutes with mid texting plan
Mobile	\$26: Average of 4 leading providers for basic plans with long distance
Gasoline	12000 mi/year @20 mpg x \$2.61/12 months
Electric Power	DOE numbers: 710 kWh/household/month* \$.1191/kWh
Cable TV	http://www.multichannel.com/article/209467-Study_Cable_TV_Bills_Up_7_5_.php
Natural Gas	DOE numbers: 80259.77 cf/year/household *\$11.10/1000 cf /12 months
Satellite TV	Direct TV, Choice Package
Sewer	MSA 2010 Wisconsin Sewer User Charge Survey
Water	PSC data on water rates

IX. SUMMARY AND CONCLUSIONS

Sewer rates continue to be extremely variable. When surveying a large sample, and by asking the right questions, certain patterns do arise. By observing these patterns, we can begin to understand some of the larger factors influencing sewer rates across the state, and more importantly, we begin to predict where these trends are leading. The primary cause still seems to be the economy of the scale, resulting in higher costs to smaller communities. Another large factor is still the decrease in funding from the state and federal agencies. All of this points to communities needing to prepare to self-fund the renewal of their aging infrastructure. It is imperative that every community evaluates whether they are collecting sufficient revenue not only to meet current demands, but for the future.

In all the years MSA has conducted this study, a series of conclusions have been drawn

- Average annual sewer cost is greatest in smaller communities and lowest in larger communities.
- While customers in larger communities on average use more water than customers in smaller communities, they still pay less for service.
- Sewer rates in small communities have large variance.
- Small communities utilize property taxes for sewer utility more than large communities.
- Funding has been decreasing, and can be expected to decrease in the future.
- On average, sewer rates cost twice as much as water rates.

X. APPENDICES

The appendices show a portion of the data collected in the survey shown by **County** or **Population Tab** (such as **1-500**). The Population Tabs contain the following additional graphs:

- Figure 1: Breakdown of Respondents by Treatment Type
- Figure 2: Average Annual Cost by Last Facility Upgrade
- Figure 3: Average Annual Cost by Last Rate Increase
- Figure 4: Sewer Budget by Population
- Figure 5: Table of Respondents
- Figure 6: Average Annual Sewer Charge for Each Individual Municipality

2010 WISCONSIN SEWER USER CHARGE SURVEY



WPDES PERMITTEES

Please fill out to the best of your ability and return by January 15, 2010. Please print clearly.

CONTACT INFORMATION

Please verify/update the following information.

«Name»«Title»
 «Company»
 «Address»
 «City», «St» «Zip»

Email: Phone #:

COMMUNITY INFORMATION

1. Current population served by wastewater treatment facility:

(Number of people, not number of households)

2. Does your facility treat wastewater from other communities?

List all other Cities, Villages, and Sanitary Districts from which wastewater is accepted (attach a separate page if necessary)

RATE INFORMATION

Please attach rate card.

3. What is your Billing Frequency?

Monthly Bi-Monthly
 Quarterly Annually

4. What are your Sewer Rates as of 1/1/10?

a. Fixed Charges

i. Residential Fixed Fee (per bill): \$
 ii. Volume Included in Fixed Fee, if any: CF or Gallons

b. Volume Charge \$

Per 1,000 Gallons OR Per 100 cu. Ft.

5. Effective Date Last Rate Increase:

6. Do You Anticipate a Rate Increase in 2010?

No Yes: Approx. % Increase:

7. Residential Sewer Connection Fees:

a. Residential Hookup-Up Fee: \$ per

-OR-

b. Impact Fee: \$ per

Eg. House, REU, EDU, etc.

Eg. House, REU, EDU, etc.

8. Hauled Waste

a. Holding Tanks

Don't Accept Do Accept:
 If Accept: Per 1,000 Gallons Per Load

b. Septic Tanks

Don't Accept Do Accept:
 If Accept: Per 1,000 Gallons Per Load

9. High Strength Waste Charges

\$ Per lb. BOD above ____mg/l \$ Per lb. Nitrogen above ____mg/l

\$ Per lb. TSS above ____mg/l \$ Per lb. Phosphorus above ____mg/l

BUDGET INFORMATION

10. What is your projected sewer utility budget for 2010? (or Actual Expenditures for 2009) \$

(Include Operation, Maintenance, Replacement, and Debt)

11. Are any General Fund Revenues (derived from property tax levy) allocated to the sewer utility?

No Yes: If so, how much: \$
 OR mill rate

TREATMENT FACILITY INFORMATION

12. Type of Treatment Facility? (check all that apply)

- a. Lagoon System
 - Aerated Lagoon
 - Stabilization Pond
- b. Activated Sludge System
 - Conventional Activated Sludge
 - Oxidation Ditch
 - Package Plant
 - Sequencing Batch Ractor (SBR)
- c. Fixed Film System
 - Trickling Filter/Bio-Tower
 - Rotating Biological Contactor (RBC)
 - Recirculating Sand Filter
- d. Effluent Filtration
 - Deep Bed Sand Media
 - Travelling Bridge Sand Media
 - Cloth Media
- e. Other

13. Sludge Handling (if applicable)

a. Sludge Disposal

- Land Application
- Landfill
- Incineration
- Public Distribution

b. Do you produce a Class A or Class B Sludge?

- Class A Class B
- Both Neither

c. Do you foresee the need to move towards Class A?

- Yes No

14 Discharge/Disposal Method

- Surface Water (rivers, lakes, wetland, etc.)
- Groundwater (seepage cells, etc.)
- Land Application (spray irrigation, etc.)

15. Design Capacity (MGD):

16. Approx. Average Daily Flow (MGD):

17. Year of Last Major Facility Upgrade:

2010 WISCONSIN SEWER USER CHARGE SURVEY

SATELLITE COLLECTION SYSTEMS

Please fill out to the best of your ability and return by January 15, 2010. Please print clearly.



CONTACT INFORMATION

Please verify/update the following information.

«Name», «Title»
«Company»
«Address»
«City», «St» «Zip»

Email: Phone #:

COMMUNITY INFORMATION

1. What entity treats your community's sewage?

2. Current population from your community served by your sanitary sewer system:

(Number of people, not number of households)

RATE INFORMATION

Please attach rate card.

3. What is your Billing Frequency?

Monthly Bi-Monthly
 Quarterly Annually

4. What are your Sewer Rates?

a. Fixed Charges

i. Residential Fixed Fee (per bill): \$
ii. Volume Included in Fixed Fee, if any:
 CF or Gallons

b. Volume Charge \$

Per 1,000 Gallons OR Per 100 cu.ft.

5. Effective Date Last Rate Increase:

6. Do you anticipate a rate increase in 2010?

No Yes: Approx % Increase

7. Residential Sewer Connection Fees:

a. Residential Hookup-Up Fee: \$ per
Eg. House, REU, EDU, etc.

-OR-

b. Impact Fee: \$ per
Eg. House, REU, EDU, etc.

BUDGET INFORMATION

8. What is your projected sewer utility budget for 2010? (or Actual Expenditures for 2009) \$

(Include Operation, Maintenance, Replacement, and Debt)

9. Are Any General Fund Revenues (derived from property tax levy) allocated to the sewer utility?

No Yes: If so, how much: \$
OR mill

10. COLLECTION SYSTEMS

1. Approximate Length of Collection System _____ miles (if known)
2. Approximate Age of Oldest Sewers: _____ years
3. Are You Regularly Televising a Portion of Your Collection System?
 No Yes:
Approximately % Each Year _____

Comments

Questions?? Contact Gil Hantzsch at 608.355.8879 or via email at ghantzsch@msa-ps.com

Please return by January 15, 2010 in the self-addressed, postage paid envelope, or fax to 608.356.2770

THANK YOU!

MSA 2010 Sewer User Charge Survey Summary

Population	Statewide	1-500	501-1,000	1,001-2,000	2,001-5,000	5,001-10,000	10,001-50,000	50,001+
Number of Communities Responding	<i>521</i>	114	88	99	93	51	62	12
Annual Charge(usage):								
High	<i>\$1,474</i>	\$1,474	\$889	\$970	\$713	\$1,131	\$671	\$409
Average 2010	<i>\$369</i>	\$404	\$391	\$399	\$362	\$330	\$291	\$271
Low	<i>\$67</i>	\$108	\$163	\$129	\$138	\$67	\$117	\$158
Annual % Change Since 1996 (55,000 gal/house/yr)	<i>4.3%</i>	5.1%	4.3%	4.7%	4.5%	4.0%	3.3%	6.9%
Annual Charge with Property Tax Component Average*	<i>\$421</i>	\$424	\$453	\$466	\$433	\$386	\$289	\$263
Hook-Up Fee								
Percent of Communities Charging	<i>65%</i>	66%	78%	64%	62%	55%	58%	25%
Average	<i>\$1,186</i>	\$1,231	\$840	\$1,065	\$1,065	\$1,065	\$1,560	\$1,768
High	<i>\$15,000</i>	\$6,357	\$6,200	\$5,000	\$4,000	\$4,675	\$3,281	\$8,000
Impact Fee								
% of Communities Charging	<i>9%</i>	4%	1%	6%	18%	21%	12%	0%
Average	<i>\$1,857</i>	\$1,994	\$653	\$1,628	\$1,823	\$1,830	\$2,578	\$0

*Many communities' property tax components could not be estimated due to insufficient data

Adams

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	Total Annual Utility Cost
Adams, City of	1,922	\$181	\$205	\$386
Friendship, Village of	781	\$434	\$218	\$651
Average	1,352	\$307	\$211	\$519

Ashland

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Mellen, City of	835	\$224	\$157	\$381

Barron

	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Barron, City of	5,047	\$268	\$98	\$366
Cameron, Village of	1,701	\$162	\$117	\$279
Chetek, City of	1,800	\$333	\$191	\$524
Crystal Lake Sanitary District	140	\$396		
Cumberland, City of	2,357	\$438	\$133	\$571
Dallas, Village of	326	\$150	\$96	\$246
Haugen, Village of	287	\$375	\$146	\$521
Prairie Farm, Village of	524	\$180		
Rice Lake, City of	8,653	\$193	\$142	\$335
Average	2,315	\$277	\$132	\$406

Bayfield

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Bayfield, City of	627	\$289	\$233	\$522
Clover Sanitary District	32	\$296		
Drummond Sanitary District 1	250	\$186	\$186	\$372
Iron River Sanitary District 1	1,000	\$300	\$234	\$534
Mason, Village of	80	\$384		
Port Wing Sewerage Dist	150	\$240	\$219	\$459
Washburn, City of	2,299	\$493	\$242	\$735
Average	634	\$313	\$223	\$524

Brown

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Allouez, Village of	15,290	\$279	\$378	\$657
Ashwaubenon, Village of	17,820	\$156	\$279	\$435
De Pere, City of	22,780	\$189	\$335	\$524
Denmark, Village of	2,148	\$270	\$298	\$568
Forest Junction Sanitary District	325	\$299		
Green Bay, City of	102,000	\$208	\$191	\$399
Greenwood, City of	1,079	\$259	\$255	\$514
Hobart, Village of	2,175	\$503	\$327	\$896
Lawrence Utility District	1,900	\$285	\$357	\$642
Ledgeview Sanitary District 2	4,650	\$267	\$422	\$764
Morrison Sanitary District No. 1	500	\$536		
New Franken Sanitary District 1	447	\$200		
Scott Sanitary District 1	1,800	\$274	\$187	\$462
Wrightstown, Village of	2,677	\$564	\$298	\$862
Average	12,542	\$306	\$303	\$611

Buffalo

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Cochrane, Village of	417	\$218	\$175	\$393
Fountain City, City of	983	\$240	\$122	\$362
Mondovi, City of	2,691	\$292	\$183	\$475
Waumandee Sanitary District #1	250	\$603		
Average	1,085	\$338	\$160	\$410

Burnett

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Siren, Village of	900	\$464	\$181	\$644
Webster, Village of	687	\$197	\$157	\$354
Average	794	\$330	\$169	\$499

Calumet

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Brillion, City of	2,986	\$297	\$158	\$455
Chilton, City of	3,756	\$265	\$180	\$445
Hilbert, Village of	1,124	\$420	\$158	\$578
New Holstein, City of	3,334	\$250	\$179	\$429
Potter Sanitary District	300	\$388		
Potter, Village of	280	\$388		
Sherwood, Village of	2,499	\$310	\$282	\$592
Average	2,040	\$331	\$191	\$500

Chippewa

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Bloomer, City of	3,500	\$542	\$217	\$759
Cadott, Village of	1,400	\$284	\$186	\$471
Chippewa Falls, City of	13,470	\$191	\$156	\$347
Cornell, City of	1,466	\$178	\$176	\$354
Hatfield Sanitary District	100 winter/5000 summer	\$254		
New Auburn, Village of	581	\$360	\$281	\$641
Average	4,083	\$302	\$203	\$515

Clark

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Colby, City of	1,767	\$469	\$303	\$772
Dorchester, Village of	850	\$274	\$223	\$497
Granton, Village of	490	\$302	\$294	\$596
Loyal, City of	1,300	\$248	\$239	\$487
Neillsville, City of	2,626	\$291	\$193	\$484
Owen, City of	442	\$214	\$392	\$606
Thorp, City of	1,551	\$275	\$308	\$583
Withee, Village of	504	\$176	\$261	\$437
Average	1,191	\$281	\$276	\$558

Columbia

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Arlington, Village of	646	\$596	\$257	\$853
Cambria, Village of	792	\$435	\$238	\$673
Christmas Mountain Sanitary District WWTF	1,868	\$435		
Columbus, City of	4,850	\$467	\$290	\$756
Fall River, Village of	1,532	\$420	\$134	\$555
Friesland, Village of	330	\$300	\$379	\$680
Harmony Grove Sanitary District 1	1,762	\$335	\$115	\$450
Lodi, City of	3,013	\$490	\$247	\$736
Okee Sanitary District 1	1,125	\$376		
Pardeeville, Village of	2,112	\$312	\$193	\$505
Portage, City of	10,500	\$201	\$193	\$393
Poynette, Village of	2,542	\$267	\$140	\$408
Rio, Village of	988	\$291	\$153	\$444
Wisconsin Dells, City of	2,491	\$296	\$138	\$434
Wyocena, Village of	734	\$296	\$179	\$475
Average	2,352	\$368	\$204	\$566

Crawford

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Ferryville, Village of	187	\$320		
Prairie du Chien Sanitary District 1, 2, 3	200	\$290		
Prairie du Chien, City of	7,500	\$280	\$126	\$406
Soldiers Grove, Village of	617	\$285	\$136	\$421
Average	2,126	\$294	\$131	\$414

Dane

<i>Community</i>	<i>Population</i>	<i>Annual Sewer</i>	<i>Annual Water</i>	<i>Total Annual</i>
Belleville, Village of	2,265	\$679	\$137	\$816
Blue Mounds, Village of	752	\$354	\$266	\$619
Cottage Grove, Village of	5,540	\$309	\$195	\$505
Deerfield, Village of	2,209	\$616	\$233	\$849
DeForest, Village of	7,386	\$240	\$142	\$382
Dunn Sanitary District 4	not sure	\$280		
Fitchburg Utility District 1	23,000	\$182		
Fitchburg, City of	21,257	\$664	\$150	\$814
Madison, City of	223,389	\$230	\$202	\$432
Madison, Town of	5,700	\$108		
Marshall, Village of	3,707	\$430	\$196	\$626
Mazomanie, Village of	1,524	\$644	\$243	\$887
Middleton, City of	15,770	\$184	\$140	\$325
Morrisonville Sanitary District	375	\$445	\$188	\$633
Mount Horeb, Village of	6,700	\$479		
Oregon, Village of	8,807	\$315	\$203	\$518
Pleasant Springs Sanitary District 1	1,300	\$580		
Rockdale, Village of	215	\$804		
Stoughton, City of	12,840	\$337	\$173	\$511
Sun Prairie, City of	26,100	\$235	\$121	\$355
Verona, City of	11,000	\$219	\$162	\$381
Waunakee Utilities	11,100	\$297	\$192	\$489
Westport Sewer Utility Dist	6,000	\$140	\$355	\$495
Windsor Lake Windsor Sanitary District	275	\$200		
Windsor Oak Springs Sanitary District	146	\$108		
Dane, Village of	958	\$371	\$141	\$512
Average		\$363	\$191	\$564

Dodge

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Ashippun Sanitary District	1,250	\$720		
Beaver Dam, City of	15,000	\$133	\$182	\$315
Brownsville, Village of	577	\$433	\$312	\$745
Burnett Sanitary District	300	\$336		
Clyman, Village of	388	\$369	\$152	\$521
Fox Lake Inland Lake District	1,000	\$483		
Fox Lake, City of	1,512	\$433	\$206	\$639
Herman Sanitary District 1	110	\$839		
Horicon, City of	3,700	\$369	\$223	\$592
Hubbard-Hustisford Sanitary District 1	950	\$360		
Hustisford, Village of	2,400	\$550	\$580	\$1,130
Iron Ridge, Village of	1,047	\$527	\$220	\$746
Juneau, City of	2,686	\$397	\$247	\$644
Kekoskee, Village of	170	\$212		
Lebanon Sanitary District	299	\$660		
Lebanon Sanitary District #2 WWTF	500	\$684		
Leroy Sanitary District 1	348	\$546	\$157	\$978
Lomira, Village of	2,500	\$311	\$106	\$417
Lowell, Village of	371	\$431	\$147	\$578
Mayville, City of	5,300	\$412	\$225	\$637
Randolph, Village of	1,800	\$207	\$216	\$423
Theresa, Village of	1,325	\$433	\$150	\$583
Average	1,979	\$447	\$223	\$639

Door

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Bailey's Harbor WWTP	1,100	\$312		
Egg Harbor, Village of	292	\$500		
Fish Creek Sanitary District 1	2,500	\$645		
Forestville, Village of	430	\$492		
Sevastopol Sanitary Dist No 1	1,350	\$144		
Sister Bay, Village of	864	\$382	\$170	\$552
Average	1,089	\$413	\$170	\$552

Douglas

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Brule Sanitary District 1	300	\$344		
Poplar, Village of	1,367	\$558		
Solon Springs, Village of	580	\$184		
Superior, City of	27,000	\$370		
Superior, Village of	617	\$204		
Upper St. Croix Lake Sanitary District	320	\$272		
Average	5,031	\$322		

Dunn

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Boyceville, Village of	1,000	\$282	\$154	\$436
Colfax, Village of	1,160	\$215	\$212	\$427
Downsville Sanitary Dist 1	625	\$569	\$216	\$785
Elk Mound, Village of	800	\$417	\$218	\$635
Menomonie, City of	16,000	\$221	\$132	\$353
Average	3,917	\$341	\$186	\$527

Eau Claire

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Altoona, City of	6,831	\$186	\$171	\$357
Augusta, City of	1,450	\$129	\$187	\$459
Fairchild, Village of	564	\$383	\$244	\$627
Fall Creek, Village of	1,200	\$505	\$209	\$713
Average	2,511	\$301	\$203	\$539

Florence

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Florence Utility District	807	\$310	\$243	\$553

Fond du Lac

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Fond du Lac, City of	57,000	\$382	\$361	\$743
Brandon, Village of	915	\$627	\$246	\$873
Campbellsport, Village of	1,938	\$321	\$390	\$711
Eden, Village of	748	\$360		
Fairwater, Village of	356	\$578	\$133	\$711
Mount Calvary, Village of	500	\$658	\$157	\$816
North Fond du Lac, Village of	4,900	\$713	\$210	\$922
Oakfield, Village of	1,038	\$349	\$358	\$707
Ripon, City of	7,650	\$210	\$191	\$401
Rosendale, Village of	1,024	\$504		
Average	7,607	\$470	\$256	\$735

Forest

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Wabeno Sanitary District 1	800	\$238	\$172	\$411

Grant

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Bagley, Village of	412	\$243	\$181	\$424
Blue River, Village of	430	\$294	\$215	\$510
Boscobel, City of	3,300	\$295	\$152	\$446
Cassville, Village of	1,083	\$251	\$146	\$397
Dickeyville, Village of	1,079	\$201	\$193	\$394
Fennimore, City of	2,367	\$334	\$207	\$541
Hazel Green, Village of	1,186	\$463	\$236	\$699
Jamestown Sanitary District 2	100	\$608		
Jamestown Sanitary District 3	100	\$300		
Kieler Sanitary District 1	500	\$360	\$220	\$580
Lancaster, City of	4,011	\$357	\$206	\$563
Montfort, Village of	661	\$373	\$265	\$638
Muscoda, Village of	1,400	\$275	\$140	\$415
Platteville, City of	10,575	\$347	\$209	\$556
Average	1,943	\$336	\$182	\$514

Green

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Albany, Village of	1,180	\$580	\$208	\$788
Brodhead, City of	3,300	\$426	\$191	\$617
Brooklyn, Village of	1,266	\$873	\$264	\$1,137
Browntown, Village of	252	\$472	\$185	\$657
Juda Sanitary District	325	\$376		
Monroe, City of	11,000	\$243	\$127	\$370
Monticello, Village of	1,172	\$526	\$193	\$720
New Glarus, Village of	2,100	\$582	\$226	\$808
Average	2,574	\$510	\$199	\$728

Green Lake

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Berlin, City of	5,500	\$283	\$167	\$450
Green Lake Sanitary District	2,340	\$308		
Green Lake, City of	1,160	\$393	\$96	\$489
Kingston, Village of	300	\$340		
Markesan, City of	1,363	\$292	\$97	\$389
Average	2,133	\$323	\$120	\$443

Iowa

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Arena, Village of	900	\$647	\$231	\$879
Avoca, Village of	606	\$342	\$167	\$509
Barneveld, Village of	1,256	\$525	\$197	\$722
Cobb, Village of	441	\$215	\$178	\$393
Dodgeville, City of	5,000	\$372	\$217	\$588
Highland, Village of	865	\$384	\$199	\$583
Linden, Village of	615	\$703	\$190	\$894
Mineral Point, City of	2,617	\$460	\$135	\$595
Rewey, Village of	320	\$330	\$218	\$548
Ridgeway, Village of	700	\$427	\$214	\$641
Average	1,332	\$441	\$195	\$635

Iron

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Hurley, City of	1,751	\$451	\$262	\$713
Saxon Sanitary District	340	\$306		
Average	1,046	\$378	\$262	\$713

Jackson

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Alma Center, Village of	454	\$476	\$165	\$755
Melrose, Village of	520	\$285	\$666	\$991
Merrillan, Village of	254	\$414	\$291	\$705
North Bend Sanitary District 1	41	\$360		
Taylor, Village of	498	\$320	\$223	\$543
Average	353	\$371	\$336	\$749

Jefferson

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Fort Atkinson, City of	12,151	\$331	\$158	\$489
Jefferson, City of	8,000	\$284	\$186	\$470
Johnson Creek, Village of	2,138	\$349	\$223	\$572
Lake Mills, City of	6,800	\$466	\$155	\$620
Palmyra, Village of	1,774	\$389	\$211	\$600
Shullsburg, City of	1,204	\$426	\$162	\$588
Sullivan, Village of	688	\$520		
Waterloo Utilities	3,310	\$323	\$159	\$482
Watertown, City of	23,165	\$372	\$237	\$609
Average	6,581	\$384	\$186	\$554

Juneau

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Camp Douglas, Village of	561	\$316	\$189	\$505
Elroy, City of	1,580	\$466	\$255	\$721
Lyndon Station, Village of	474	\$398	\$99	\$498
Mauston, City of	4,411	\$276	\$244	\$520
Necedah, Village of	883	\$889		
New Lisbon, City of	2,441	\$379	\$240	\$619
O'Dell's Bay Sanitary District 1	225	\$335		
Wonewoc, Village of	834	\$344	\$194	\$538
Average	1,426	\$425	\$204	\$567

Kenosha

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Bristol Utility District 1	2,000	\$970	\$334	\$1,304
Bristol Utility District 3	Commercial	\$2,039		
Bristol Utility District 4	250	\$1,474		
Kenosha, City of	112,859	\$366	\$197	\$562
Paddock Lake, Village of	3,092	\$638	\$310	\$948
Pleasant Prairie, Village of	13,580	\$142	\$365	\$507
Silver Lake, Village of	4,500	\$372		
Somers Utility District	5,300	\$1,131	\$0	\$1,268
Twin Lakes, Village of	5,625	\$360		
Average	18,401	\$832	\$241	\$918

Kewaunee

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Algoma, City of	3,116	\$291	\$317	\$608
Casco, Village of	600	\$584		
Dyckesville Sanitary District	1,300	\$216		
Kewaunee, City of	2,906	\$275	\$216	\$491
Luxemburg, Village of	2,386	\$379	\$131	\$511
Average	2,062	\$349	\$221	\$536

La Crosse

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Bangor, Village of	1,425	\$438	\$172	\$609
Holmen, Village of	7,337	\$317	\$204	\$521
La Crosse, City of	80,000	\$158	\$78	\$236
Mindoro Sanitary District 1	325	\$1,226	\$132	\$1,359
Rockland, Village of	650	\$451	\$236	\$969
Shelby Sanitary District 2	2,600	\$144	\$283	\$427
West Salem, Village of	5,000	\$285	\$155	\$440
Average	13,905	\$431	\$180	\$652

Lafayette

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Argyle, Village of	819	\$554	\$173	\$727
Belmont, Village of	892	\$361	\$175	\$535
Benton, Village of	1,012	\$504	\$287	\$790
Blanchardville, Village of	803	\$566	\$250	\$816
Darlington, City of	2,448	\$502	\$208	\$710
Gratiot, Village of	242	\$402	\$136	\$537
South Wayne, Village of	475	\$605	\$146	\$778
Average	956	\$499	\$196	\$699

Langlade

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Antigo, City of	8,596	\$263	\$182	\$445
Elcho Sanitary District 1	500	\$357	\$207	\$564
White Lake, Village of	348	\$236	\$256	\$492
Average	3,148	\$285	\$215	\$500

Lincoln

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Tomahawk, City of	3,700	\$329	\$119	\$449

Manitowoc

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Cleveland, Village of	1,416	\$604	\$202	\$806
Francis Creek, Village of	600	\$400		
Kiel, City of	3,658	\$252	\$171	\$423
Liberty Sanitary District 1	250	\$300		
Manitowoc, City of	34,500	\$231	\$136	\$367
Mishicot, Village of	1,448	\$634	\$113	\$747
Reedsville, Village of	1,198	\$582	\$137	\$719
Two Rivers, City of	14,200	\$355	\$245	\$601
Valders, Village of	998	\$511	\$193	\$704
Whitelaw, Village of	749	\$529	\$79	\$642
Average	5,902	\$440	\$159	\$626

Marathon

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Athens, Village of	1,100	\$292	\$250	\$543
Brokaw, Village of	229	\$202	\$497	\$699
Edgar, Village of	1,491	\$436	\$237	\$673
Fenwood, Village of	120	\$480		
Kronenwetter, Village of	6,500	\$182	\$200	\$382
Marathon City, Village of	1,400	\$357	\$260	\$617
Mosinee, City of	4,200	\$256	\$251	\$506
Rib Mountain Sanitary District 1	6,000	\$67	\$199	\$286
Rothschild, Village of	5,390	\$140	\$244	\$385
Schofield, City of	2,300	\$391	\$157	\$548
Spencer, Village of	1,941	\$309	\$224	\$569
Stratford, Village of	1,500	\$200	\$261	\$461
Wausau, City of	40,000	\$190	\$165	\$355
Average	5,552	\$269	\$245	\$502

Marinette

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Coleman, Village of	1,070	\$326	\$139	\$465
Crivitz Sanitary District	1,000	\$425	\$139	\$564
Marinette, City of	11,365	\$354	\$153	\$507
Peshtigo, City of	3,500	\$198	\$269	\$467
Pound, Village of	336	\$571	\$206	\$777
Wausaukee, Village of	545	\$465	\$197	\$662
Average	2,969	\$390	\$184	\$574

Marquette

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Endeavor, Village of	460	\$380		
Montello, City of	1,300	\$330	\$123	\$453
Neshkoro, Village of	400	\$471		
Oxford, Village of	569	\$300		
Packwaukee Sanitary District 1	350	\$466		
Westfield, Village of	1,217	\$244		
Average	716	\$365	\$123	\$453

Milwaukee

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Bayside, Village of	4,171	\$561		
Cudahy, City of	18,500	\$208	\$165	\$373
Franklin, City of	33,700	\$193	\$347	\$540
Glendale, City of	14,000	\$157	\$238	\$396
Greendale, Village of	13,995	\$205	\$185	\$390
Greenfield, City of	36,300	\$167		
Hales Corners, Village of	7,765	\$171		
Milwaukee, City of	602,782	\$334	\$192	\$527
Oak Creek, City of	29,000	\$314	\$253	\$566
Shorewood Utilities	13,360	\$177	\$182	\$358
South Milwaukee, City of	21,310	\$293	\$189	\$482
Wauwatosa, City of	45,880	\$243	\$236	\$479
West Allis, City of	58,798	\$223	\$210	\$434
Average	69,197	\$250	\$220	\$455

Monroe

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Cashton, Village of	1,000	\$542	\$252	\$794
Norwalk, Village of	629	\$385	\$220	\$605
Oakdale, Village of	334	\$554	\$254	\$808
Sparta, City of	9,201	\$159	\$237	\$395
Tomah, City of	8,600	\$311	\$257	\$568
Wilton, Village of	532	\$392	\$184	\$576
Average	3,383	\$390	\$234	\$624

Oconto

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Gillett, City of	1,303	\$255	\$217	\$472
Kelly Lake Sanitary District 1	1,000	\$440		
Lakewood Sanitary District #1	582	\$444		
Oconto, City of	5,000	\$348	\$192	\$541
Pensaukee Sanitary District 1	800	\$232		
Suring, Village of	578	\$323	\$212	\$535
Average	1,544	\$340	\$207	\$516

Oneida

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Lakeland San Dist 1 Woodruff Minocqua	2,300	\$419		
Rhineland, City of	7,735	\$544	\$176	\$720
Three Lakes Sanitary District 1	600	\$264	\$222	\$487
Average	3,545	\$409	\$199	\$603

Outagamie

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Black Creek, Village of	1,278	\$557	\$122	\$679
Combined Locks	3,089	\$352	\$192	\$544
Darboy Joint Sanitary District 1	12,000	\$362	\$167	\$529
Grand Chute Sanitary District 2	20,500	\$215		
Greenville Sanitary District	6,750	\$312	\$171	\$483
Hortonville, Village of	2,600	\$363	\$204	\$606
Kaukauna, City of	14,925	\$396	\$322	\$718
Kimberly, Village of	6,541	\$337	\$140	\$478
Little Chute, Village of	11,040	\$345	\$215	\$560
Nichols, Village of	275	\$195	\$165	\$1,476
Seymour, City of	3,485	\$206	\$199	\$405
Stephensville Sanitary District 1	275	\$360		
Average	6,897	\$333	\$190	\$648

Ozaukee

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Belgium, Village of	2,099	\$557	\$185	\$742
Cedarburg, City of	11,440	\$440	\$228	\$667
Fredonia, Village of	2,149	\$342	\$104	\$447
Grafton, City of	11,470	\$331	\$341	\$673
Port Washington, City of	11,000	\$347	\$273	\$619
Saukville, Village of	4,300	\$444	\$180	\$624
Thiensville, Village of	3,800	\$492		
Average	6,608	\$422	\$218	\$629

Pepin

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Pepin, Village of	954	\$387	\$120	\$507

Pierce

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Bay City, Village of	500	\$288	\$304	\$757
Ellsworth, Village of	3,180	\$233	\$140	\$373
Maiden Rock, Village of	123	\$453	\$313	\$844
Plum City, Village of	607	\$516		
Prescott, City of	4,056	\$408	\$128	\$536
Spring Valley, Village of	1,336	\$354	\$167	\$520
Average	1,634	\$375	\$210	\$606

Polk

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Amery, City of	2,915	\$352	\$132	\$484
Balsam Lake, Village of	1,060	\$288	\$151	\$439
Centuria, Village of	944	\$215	\$175	\$389
Dresser, Village of	877	\$552	\$104	\$656
Frederic, Village of	1,262	\$304	\$159	\$462
Luck, Village of	1,230	\$234	\$158	\$392
Osceola, Village of	3,500	\$457	\$176	\$633
St. Croix Falls, City of	2,210	\$361	\$184	\$545
Average	1,750	\$345	\$155	\$500

Portage

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Almond, Village of	433	\$188		
Amherst, Village of	425	\$494	\$226	\$721
Plover, Village of	12,080	\$211	\$263	\$474
Rosholt, Village of	500	\$371		
Stevens Point, City of	25,370	\$316	\$177	\$493
Whiting, Village of	1,683	\$588	\$160	\$748
Average	6,749	\$361	\$207	\$609

Price

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Fifield Sanitary District	300	\$247	\$183	\$430
Ogema Sanitary District	195	\$252		
Park Falls, City of	2,700	\$207	\$279	\$486
Prentice, Village of	640	\$163	\$192	\$355
Average	959	\$217	\$218	\$423

Racine

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Burlington, City of	13,000	\$219	\$187	\$406
Eagle Lake Sewer Utility	4,100	\$400		
Mount Pleasant Sewer Utility District 1	25,000	\$566		
Norway Town Sanitary District 1	7,500	\$336		
Racine, City of	120,000	\$248	\$221	\$469
Rochester, Village of	1,865	\$326		
Union Grove, Village of	4,550	\$310	\$179	\$488
Waterford Sanitary District 1	1,968	\$632		
Waterford, Village of	19,971	\$348	\$207	\$555
Western Racine Co Sewer Dist	11,000	\$123		
Yorkville Sewer Utility District 1	285	\$360		
Average	19,022	\$352	\$198	\$480

Richland

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Lone Rock, Village of	1,200	\$285	\$103	\$389
Richland Center, City of	5,135	\$414	\$172	\$585
Viola, Village of	690	\$334	\$210	\$544
Average	2,342	\$344	\$162	\$506

Rock

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Beloit Sanitary District	7,200	\$565		
Beloit, City of	16,000	\$276	\$164	\$441
Clinton, Village of	2,000	\$485	\$226	\$712
Consolidated Koshkonong S D	5,668	\$270		
Edgerton, City of	5,358	\$424	\$233	\$657
Evansville, City of	4,960	\$285	\$234	\$519
Footville, Village of	769	\$644	\$234	\$878
Janesville, City of	63,500	\$282	\$119	\$400
Milton, City of	6,000	\$294	\$175	\$469
Orfordville, Village of	1,300	\$316	\$223	\$539
Plymouth Town Sanitary Dist 1	200	\$276		
Conrath, Village of	100	\$240		
Hawkins, Village of	350	\$194	\$128	\$322
Ladysmith, City of	3,648	\$311	\$172	\$484
Average	8,361	\$347	\$191	\$542

Saint Croix

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Baldwin, Village of	3,568	\$241	\$137	\$378
Deer Park, Village of	227	\$340		
Emerald Glenwood Sanitary Dist 1	130	\$225		
Glenwood City, City of	1,216	\$190	\$126	\$317
Hammond, Village of	1,614	\$410	\$239	\$649
Hudson, City of	15,592	\$221	\$167	\$388
New Richmond, City of	8,000	\$287	\$186	\$473
Roberts, Village of	1,545	\$545	\$127	\$672
Somerset, Village of	1,300	\$619	\$191	\$810
Wilson Sanitary District 1	3,120	\$138		
Average	3,631	\$322	\$168	\$527

Sauk

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Baraboo Sanitary District 1	350	\$238		
Baraboo, City of	13,000	\$153	\$115	\$267
Bluffview Sanitary District	600	\$286		
Hillpoint Sanitary District	105	\$220		
Ironton, Village of	250	\$262	\$187	\$560
Lake Delton, Village of	2,750	\$142	\$227	\$369
Lime Ridge, Village of	160	\$284		
Loganville, Village of	320	\$216	\$0	\$216
Prairie du Sac, Village of	3,744	\$183	\$130	\$313
Rock Springs, Village of	379	\$356	\$208	\$563
Roxbury Sanitary District 1	250	\$600		
Sauk City, Village of	3,300	\$172	\$142	\$314
Spring Green, Village of	1,500	\$200	\$139	\$339
West Baraboo, Village of	1,272	\$361	\$212	\$573
Reedsburg, City of	19,300	\$342	\$120	\$461
La Valle, Village of	326	\$200	\$198	\$398
Average	2,975	\$250	\$152	\$398

Sawyer

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Exeland, Village of	207	\$208	\$200	\$408
Hayward, City of	2,300	\$278	\$164	\$443
Average	1,254	\$243	\$182	\$425

Shawano

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Bonduel, Village of	1,450	\$692	\$198	\$891
Bowler, Village of	254	\$447	\$281	\$728
Krakow Sanitary District	750	\$320		
Shawano Lake Sanitary District	4,950	\$265	\$89	\$355
Wittenberg, Village of	1,500	\$582	\$94	\$675
Average	1,781	\$461	\$166	\$662

Sheboygan

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Adell, Village of	519	\$453	\$202	\$655
Elkhart Lake, Village of	1,204	\$275	\$163	\$444
Gibbsville Sanitary District	420	\$840		
Hingham Sanitary District	650	\$264		
Howards Grove, Village of	3,095	\$360		
Kohler, Village of	2,000	\$198	\$200	\$398
Little Elkhart Lake Rehabilitation District	300	\$389		
Lyndon Sanitary District 1	190	\$600		
Oostburg, Village of	2,911	\$359	\$218	\$577
Plymouth Utilities, City of	8,468	\$236	\$184	\$420
Random Lake, Village of	1,600	\$399	\$112	\$512
Sheboygan Falls, City of	7,700	\$145	\$141	\$286
Sheboygan Sanitary District 2	7,000	\$151		
Sheboygan, City of	68,000	\$193	\$112	\$306
Wilson, Village of	150	\$304	\$165	\$469
Average	6,947	\$345	\$166	\$452

Taylor

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Gilman, Village of	472	\$396	\$292	\$688
Medford, City of	4,080	\$270	\$160	\$430
Rib Lake, Village of	860	\$306	\$254	\$559
Stetsonville, Village of	556	\$520		
Average	1,492	\$373	\$235	\$559

Trempealeau

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Arcadia, City of	2,424	\$259	\$271	\$530
Blair, City of	1,296	\$143	\$254	\$397
Eleva, Village of	660	\$369	\$208	\$576
Galesville, City of	1,496	\$269	\$220	\$489
Osseo, City of	1,670	\$424	\$250	\$727
Pine Creek Sanitary District 1	38	\$549		
Trempealeau, Village of	1,500	\$353	\$143	\$496
Whitehall, City of	3,000	\$245	\$250	\$501
Average	1,511	\$326	\$228	\$531

Vernon

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
De Soto, Village of	440	\$336		
Hillsboro, City of	1,325	\$500	\$209	\$709
La Farge Municipal Utilities	800	\$333	\$163	\$496
Ontario, Village of	450	\$283	\$157	\$441
Readstown, Village of	392	\$346	\$140	\$486
Westby, City of	2,069	\$277	\$137	\$413
Average	913	\$346	\$161	\$509

Vilas

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Eagle River, City of	1,485	\$403	\$159	\$562

Walworth

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Darien, Village of	1,643	\$554	\$241	\$1,197
Delavan, City of	8,437	\$375	\$264	\$639
East Troy, Village of	5,200	\$776	\$262	\$1,039
Elkhorn, City of	9,021	\$435	\$284	\$719
Fontana on Geneva Lake, Village of	10,000	\$401	\$240	\$642
Geneva National Sanitary District	1,250	\$471		
Lake Como Sanitary District 1	3,000	\$418	\$251	\$669
Lyons Sanitary District 2	1,500	\$552		
Pell Lake Sanitary District No. 1	5,000	\$285	\$191	\$477
Whitewater, City of	14,215	\$325	\$152	\$477
Average	5,927	\$459	\$236	\$732

Washburn

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Birchwood, Village of	562	\$330	\$146	\$476
Minong, Village of	500	\$129	\$234	\$363
Spooner Municipal Utilities	2,464	\$294	\$210	\$504
Average	1,175	\$251	\$197	\$448

Washington

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Allenton San District 1	800	\$428	\$273	\$701
Germantown, Village of	17,841	\$386	\$187	\$572
Hartford, City of	13,900	\$357	\$232	\$590
Jackson, Village of	6,500	\$341	\$155	\$496
Kewaskum, Village of	4,209	\$638	\$225	\$863
Silver Lake Sanitary District	410	\$900		
West Bend Sewer Association Inc Glen Ivy	200	\$150		
West Bend, City of	30,450	\$213	\$207	\$420
Average	9,289	\$427	\$213	\$607

Waukesha

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Blackhawk Area Sanitary District	134	\$1,239		
Brookfield Sanitary District 4	6,420	\$244	\$221	\$465
Brookfield, City of	50,001	\$409	\$224	\$691
Delafield, City of	6,934	\$359	\$0	\$359
Hartland, Village of	8,506	\$406	\$256	\$662
Lannon, Village of	1,048	\$661	\$0	\$661
Mary Lane Area Sanitary District	172	\$780		
Menomonee Falls, Village of	28,000	\$566	\$217	\$783
Mukwonago, Village of	6,629	\$541	\$289	\$830
Muskego, City of	21,397	\$671	\$306	\$977
New Berlin, City of	39,400	\$637	\$307	\$944
Oconomowoc, City of	19,000	\$306	\$233	\$539
Pewaukee Lake Sanitary District	7,760	\$360		
Pewaukee, City of	8,900	\$423	\$254	\$677
Sussex, Village of	10,045	\$272	\$296	\$569
Average	14,290	\$523	\$217	\$678

Waupaca

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Cloverleaf Lakes Sanitary District	1,000	\$180		
Embarrass, Village of	467	\$313	\$251	\$563
Fremont, Village of	667	\$520		
Iola, Village of	1,287	\$440	\$152	\$592
Marion, City of	1,293	\$500	\$117	\$616
New London, City of	7,204	\$218	\$196	\$414
Scandinavia, Village of	367	\$204		
Waupaca Chain O Lakes Sanitary District	3,500	\$300		
Waupaca, City of	10,000	\$345	\$164	\$509
Weyauwega, City of	1,860	\$327	\$92	\$419
Wolf River Sanitary District	250	\$975		
Average	2,536	\$393	\$162	\$519

Waushara

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Hancock, Village of	453	\$303	\$154	\$457
Plainfield, Village of	899	\$591	\$161	\$752
Wautoma, City of	2,101	\$463	\$172	\$635
Wild Rose, Village of	765	\$453		
Average	1,055	\$452	\$162	\$614

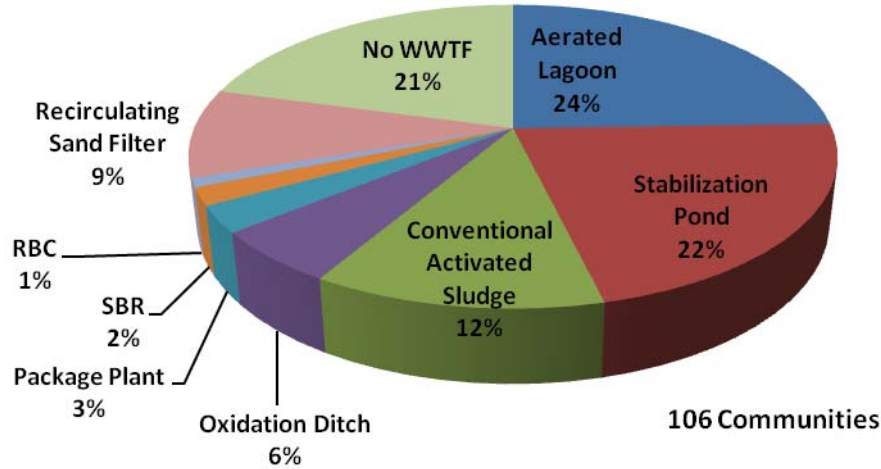
Winnebago

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Butte Des Morts Consolidated SD 1	1,025	\$280		
Menasha, City of	14,000	\$201	\$284	\$485
Neenah Public Works and Utilities	25,600	\$117	\$263	\$380
Neenah Sanitary District 2	2,600	\$240		
Omro Sanitary District 1	800	\$549	\$399	\$948
Oshkosh, City of	65,510	\$219	\$257	\$476
Poygan Poysippi Sanitary District 1	830	\$300		
Winneconne, Village of	2,510	\$362	\$245	\$607
Average	14,109	\$284	\$290	\$579

Wood

<i>Community</i>	<i>Population</i>	<i>Annual Sewer Cost (Based on Usage)</i>	<i>Annual Water Cost (Based on Usage)</i>	<i>Total Annual Utility Cost</i>
Arpin, Village of	350	\$300		
Auburndale, Village of	738	\$308		
Biron, Village of	800	\$364	\$340	\$704
Marshfield, City of	19,413	\$376	\$205	\$581
Milladore, Village of	277	\$516	\$269	\$785
Pittsville, City of	860	\$305	\$243	\$548
Port Edwards, Village of	1,910	\$424	\$115	\$668
Rudolph, Village of	439	\$222		
Average	3,098	\$352	\$234	\$657

Figure 1A: Breakdown of Respondents by Treatment Type
Population: 1-500



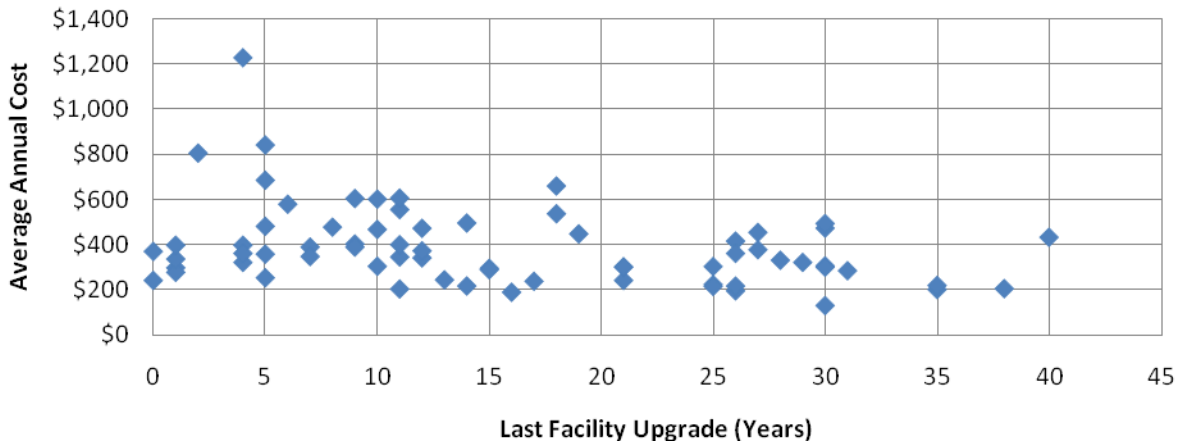
Description:

This graph shows treatment facilities as a percentage of communities

Key Points:

- Communities with a population of 1-500 use lagoon systems (aerated lagoons and stabilization ponds) most frequently.

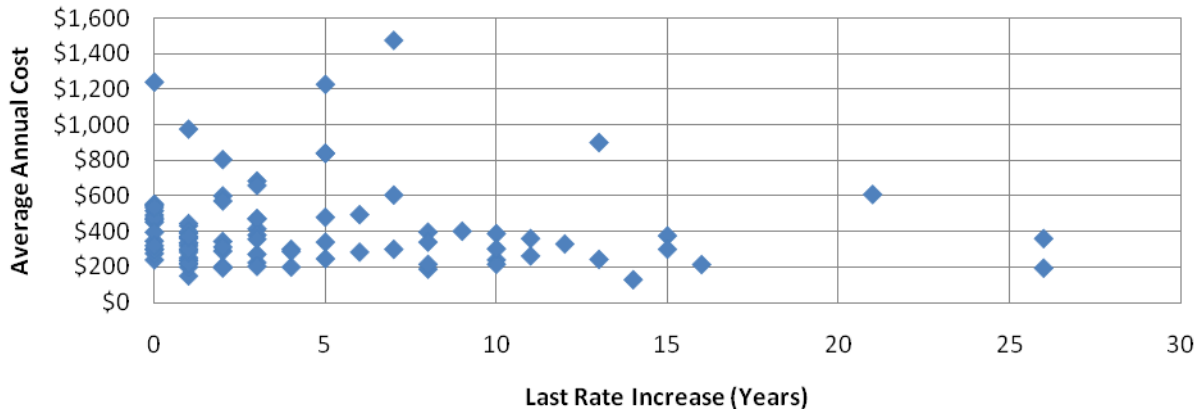
Figure 2A: Average Annual Cost by Last Facility Upgrade
Total Sewer Utility, Based on Usage
Population: 1-500



Description:

This graph shows the average annual combined utility cost (including property tax component, if applicable) by the last facility upgrade.

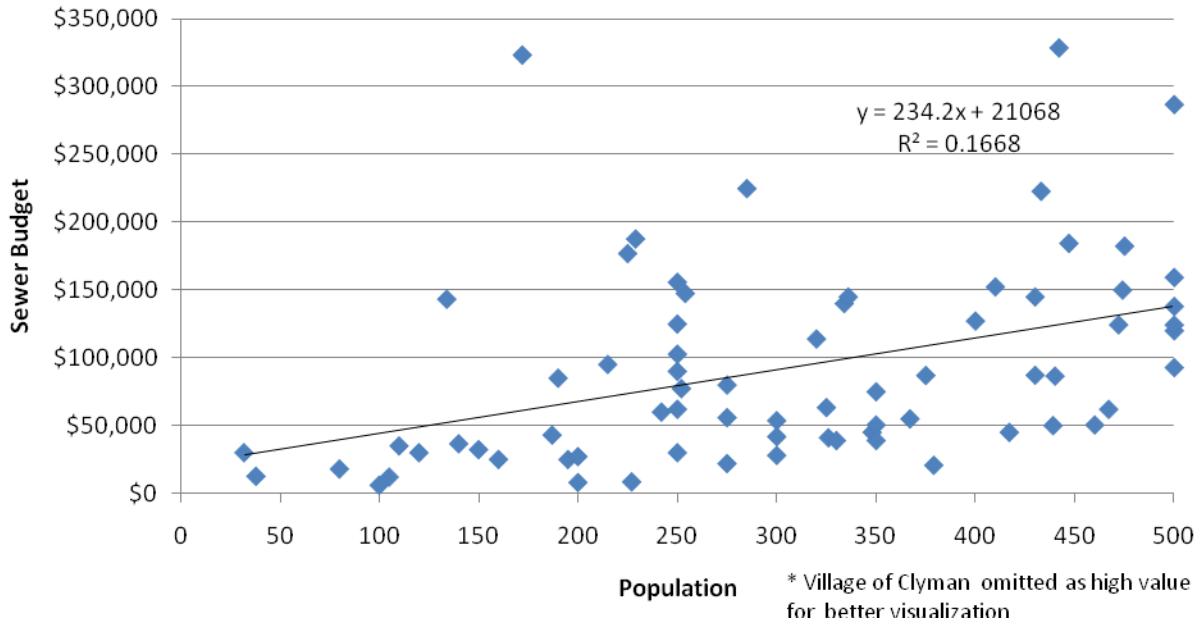
Figure 3A: Average Annual Cost by Last Rate Increase
 Total Sewer Utility Based on Usage
 Population: 1-500



Description:

This graph shows the average annual combined utility cost (including property tax component, if applicable) by last rate increase.

Figure 4A: Sewer Budget by Population
 Population: 1-500



Description:

This graph shows annual sewer budget by population

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Alma Center, Village of	454	\$329	\$4.34	\$568	\$476	\$165	\$755
Almond, Village of	433	\$188		\$188	\$188		
Amherst, Village of	425	\$237	\$6.24	\$580	\$494	\$226	\$721
Arpin, Village of	350	\$300		\$300	\$300		
Bagley, Village of	412	\$156	\$3.00	\$321	\$243	\$181	\$424
Baraboo Sanitary District 1	350	\$80	\$2.87	\$238	\$238		
Bay City, Village of	500	\$215	\$1.79	\$313	\$288	\$304	\$757
Blackhawk Area Sanitary District*	134	\$1,000	\$4.35	\$1,239	\$1,239		
Blue River, Village of	430	\$106	\$6.09	\$441	\$294	\$215	\$510
Bowler, Village of	254	\$309	\$3.55	\$505	\$447	\$281	\$728
Bristol Utility District 4	250	\$1,474		\$1,474	\$1,474		
Brokaw, Village of	229		\$6.00	\$330	\$202	\$497	\$699
Browntown, Village of	252	\$302	\$4.44	\$546	\$472	\$185	\$657
Brule Sanitary District 1	300	\$344		\$344	\$344		
Burnett Sanitary District	300	\$336		\$336	\$336		
Clover Sanitary District	32	\$296		\$296	\$296		
Clyman, Village of	388	\$101	\$6.49	\$458	\$369	\$152	\$521
Cobb, Village of	441	\$100	\$2.88	\$258	\$215	\$178	\$393
Cochrane, Village of	417	\$60	\$3.98	\$279	\$218	\$175	\$393
Conrath, Village of	100	\$240		\$240	\$240		
Crystal Lake Sanitary District	140	\$396		\$396	\$396		

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Dallas, Village of	326	\$33	\$3.81	\$243	\$150	\$96	\$246
De Soto, Village of	440	\$336		\$336	\$336		
Deer Park, Village of	227	\$340		\$340	\$340		
Drummond Sanitary District 1	250	\$99	\$3.00	\$264	\$186	\$186	\$372
Egg Harbor, Village of	292	\$500		\$500	\$500		
Elcho Sanitary District 1	500	\$152	\$7.38	\$558	\$357	\$207	\$564
Embarrass, Village of	467	\$77	\$6.20	\$418	\$313	\$251	\$563
Emerald Glenwood Sanitary Dist 1	130	\$225		\$225	\$225		
Endeavor, Village of	460	\$380		\$380	\$380		
Exeland, Village of	207	\$122	\$2.75	\$273	\$208	\$200	\$408
Fairwater, Village of	356	\$384	\$4.53	\$633	\$578	\$133	\$711
Fenwood, Village of	120	\$480		\$480	\$480		
Ferryville, Village of	187	\$320		\$320	\$320		
Fifield Sanitary District	300	\$134	\$4.57	\$385	\$247	\$183	\$430
Forest Junction Sanitary District	325	\$135	\$2.98	\$299	\$299		
Forestville, Village of	430	\$492		\$492	\$492		
Friesland, Village of	330	\$298	\$2.85	\$341	\$300	\$379	\$680
Gibbsville Sanitary District*	420	\$840		\$840	\$840		
Gilman, Village of	472	\$136	\$11.50	\$677	\$396	\$292	\$688
Granton, Village of	490	\$152	\$4.65	\$407	\$302	\$294	\$596
Gratiot, Village of	242	\$200	\$5.55	\$505	\$402	\$136	\$537

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Hancock, Village of	453	\$303		\$303	\$303	\$154	\$457
Haugen, Village of	287	\$227	\$4.38	\$467	\$375	\$146	\$521
Hawkins, Village of	350	\$71	\$4.38	\$312	\$194	\$128	\$322
Herman Sanitary District 1	110	\$480	\$6.53	\$839	\$839		
Hillpoint Sanitary District	105	\$220		\$220	\$220		
Ironton, Village of	250	\$222	\$1.09	\$281	\$262	\$187	\$560
Jamestown Sanitary District 2	100	\$608		\$608	\$608	\$0	\$608
Jamestown Sanitary District 3	100	\$300		\$300	\$300		
Juda Sanitary District	325	\$376		\$376	\$376		
Kekoskee, Village of	170	\$212		\$212	\$212		
Kieler Sanitary District 1*	500	\$360		\$360	\$360	\$220	\$580*
Kingston, Village of	300	\$340		\$340	\$340		
La Valle, Village of	326	\$200		\$200	\$200	\$198	\$398
Lebanon Sanitary District	299	\$660		\$660	\$660		
Lebanon Sanitary District #2 WWTF	500	\$684		\$684	\$684		
Leroy Sanitary District 1	348	\$200	\$8.00	\$640	\$546	\$157	\$978
Liberty Sanitary District 1*	250	\$300		\$300	\$300		
Lime Ridge, Village of	160	\$284		\$284	\$284		
Little Elkhart Lake Rehabilitation District	300	\$389		\$389	\$389		
Loganville, Village of	320	\$88	\$2.32	\$216	\$216		
Lowell, Village of	371	\$220	\$5.00	\$495	\$431	\$147	\$578

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Lyndon Sanitary District 1	190	\$600		\$600	\$600		
Lyndon Station, Village of	474	\$148	\$5.63	\$458	\$398	\$99	\$498
Maiden Rock, Village of	123	\$396	\$2.75	\$547	\$453	\$313	\$844
Mary Lane Area Sanitary District*	172	\$780		\$780	\$780		
Mason, Village of	80	\$384		\$384	\$384		
Merrillan, Village of	254	\$267	\$3.27	\$447	\$414	\$291	\$705
Milladore, Village of	277	\$516		\$516	\$516	\$269	\$785
Mindoro Sanitary District 1	325	\$1,056	\$5.80	\$1,375	\$1,226	\$132	\$1,359
Minong, Village of	500	\$12	\$2.89	\$171	\$129	\$234	\$363
Morrison Sanitary District No. 1	500	\$536		\$536	\$536		
Morrisonville Sanitary District*	375	\$132	\$5.20	\$418	\$445	\$188	\$633*
Mount Calvary, Village of	500	\$430	\$4.95	\$702	\$658	\$157	\$816
Neshkoro, Village of	400	\$471		\$471	\$471		
New Franken Sanitary District 1	447	\$200		\$200	\$200		
Nichols, Village of	275	\$160	\$0.95	\$212	\$195	\$165	\$1,476
North Bend Sanitary District 1	41	\$360		\$360	\$360		
Oakdale, Village of	334	\$143	\$10.05	\$696	\$554	\$254	\$808
O'Dell's Bay Sanitary District 1	225	\$335		\$335	\$335		
Ogema Sanitary District*	195	\$252		\$252	\$252		
Ontario, Village of	450	\$231	\$9.61	\$529	\$283	\$157	\$441
Owen, City of	442	\$51	\$5.08	\$330	\$214	\$392	\$606

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Packwaukee Sanitary District 1	350	\$466		\$466	\$466		
Pine Creek Sanitary District 1	38	\$549		\$549	\$549		
Plymouth Town Sanitary Dist 1*	200	\$276		\$276	\$276		
Port Wing Sewerage Dist	150	\$240		\$240	\$240	\$219	\$459
Potter Sanitary District	300	\$388		\$388	\$388		
Potter, Village of	280	\$388		\$388	\$388		
Pound, Village of	336	\$341	\$6.52	\$699	\$571	\$206	\$777
Prairie du Chien Sanitary District 1, 2, 3	200	\$36	\$4.61	\$290	\$290		
Readstown, Village of	392	\$120	\$6.00	\$450	\$346	\$140	\$486
Rewey, Village of	320	\$144	\$6.50	\$502	\$330	\$218	\$548
Rock Springs, Village of	379		\$8.30	\$457	\$356	\$208	\$563
Rockdale, Village of	215	\$804		\$804	\$804		
Rosholt, Village of	500	\$371		\$371	\$371		
Roxbury Sanitary District 1*	250	\$600		\$600	\$600		
Rudolph, Village of	439	\$222		\$222	\$222		
Saxon Sanitary District	340	\$306		\$306	\$306		
Scandinavia, Village of	367	\$204		\$204	\$204		
Silver Lake Sanitary District	410	\$900		\$900	\$900		
South Wayne, Village of	475	\$224	\$11.55	\$859	\$605	\$146	\$778
Stephensville Sanitary District 1*	275	\$360		\$360	\$360		
Taylor, Village of	498	\$81	\$6.49	\$438	\$320	\$223	\$543

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Upper St. Croix Lake Sanitary District	320	\$272		\$272	\$272		
Waumandee Sanitary District #1	250	\$603		\$603	\$603		
West Bend Sewer Association Inc Glen Ivy	200	\$150		\$150	\$150		
White Lake, Village of	348	\$236		\$236	\$236	\$256	\$492
Wilson, Village of	150	\$220	\$2.00	\$330	\$304	\$165	\$469
Windsor Lake Windsor Sanitary District	275	\$200		\$200	\$200		
Windsor Oak Springs Sanitary District	146	\$108		\$108	\$108		
Wolf River Sanitary District	250	\$480	\$9.00	\$975	\$975		
Yorkville Sewer Utility District 1	285	\$360		\$360	\$360		

*communities with a property tax component that cannot be estimated

**Figure 6A: Average Annual Sewer Charge for Each Individual Municipality
Based on Actual Usage
Population: 1-500**

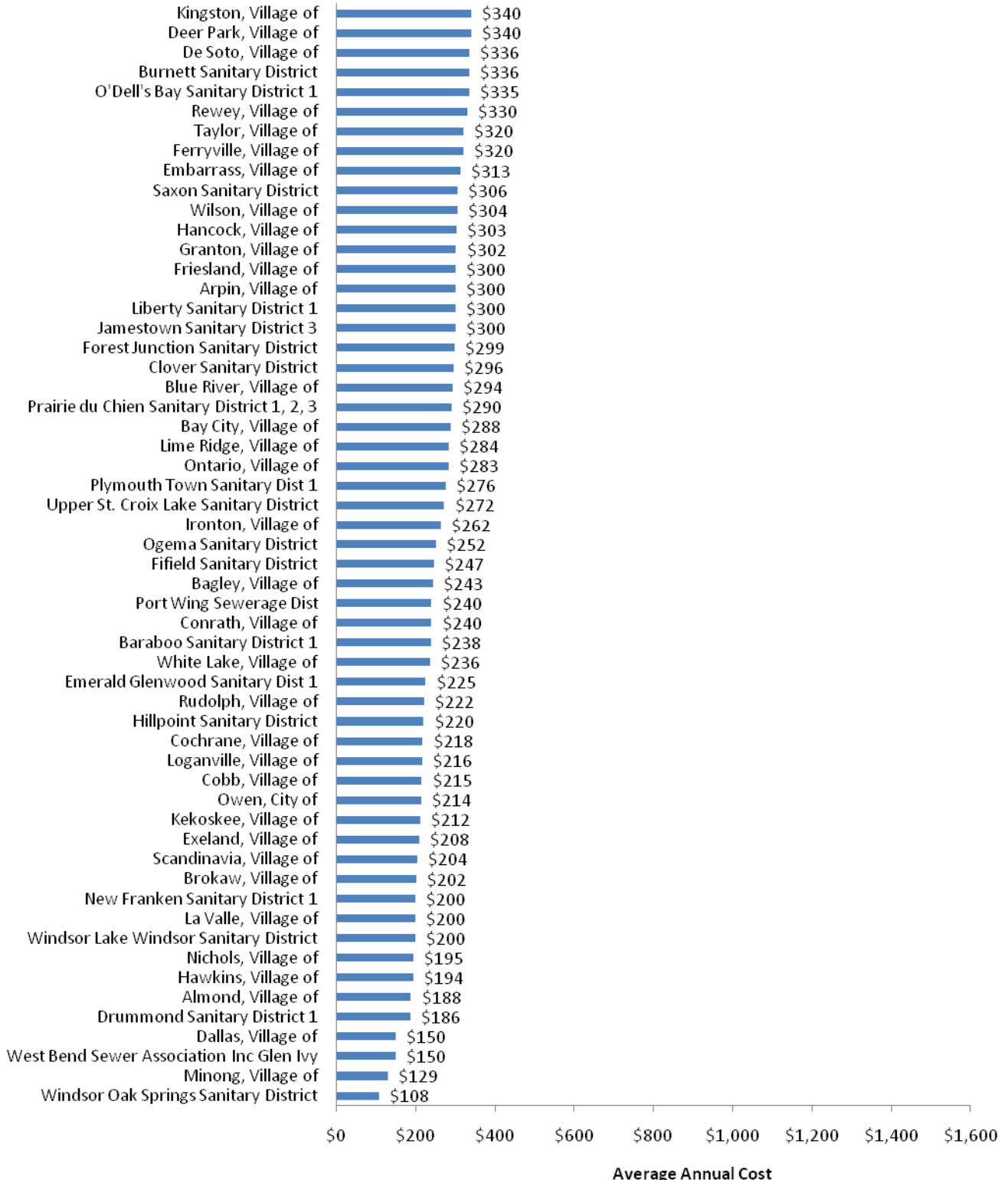


Figure 6A: Average Annual Sewer Charge for Each Individual Municipality

Based on Actual Usage Continued
Population: 1-500

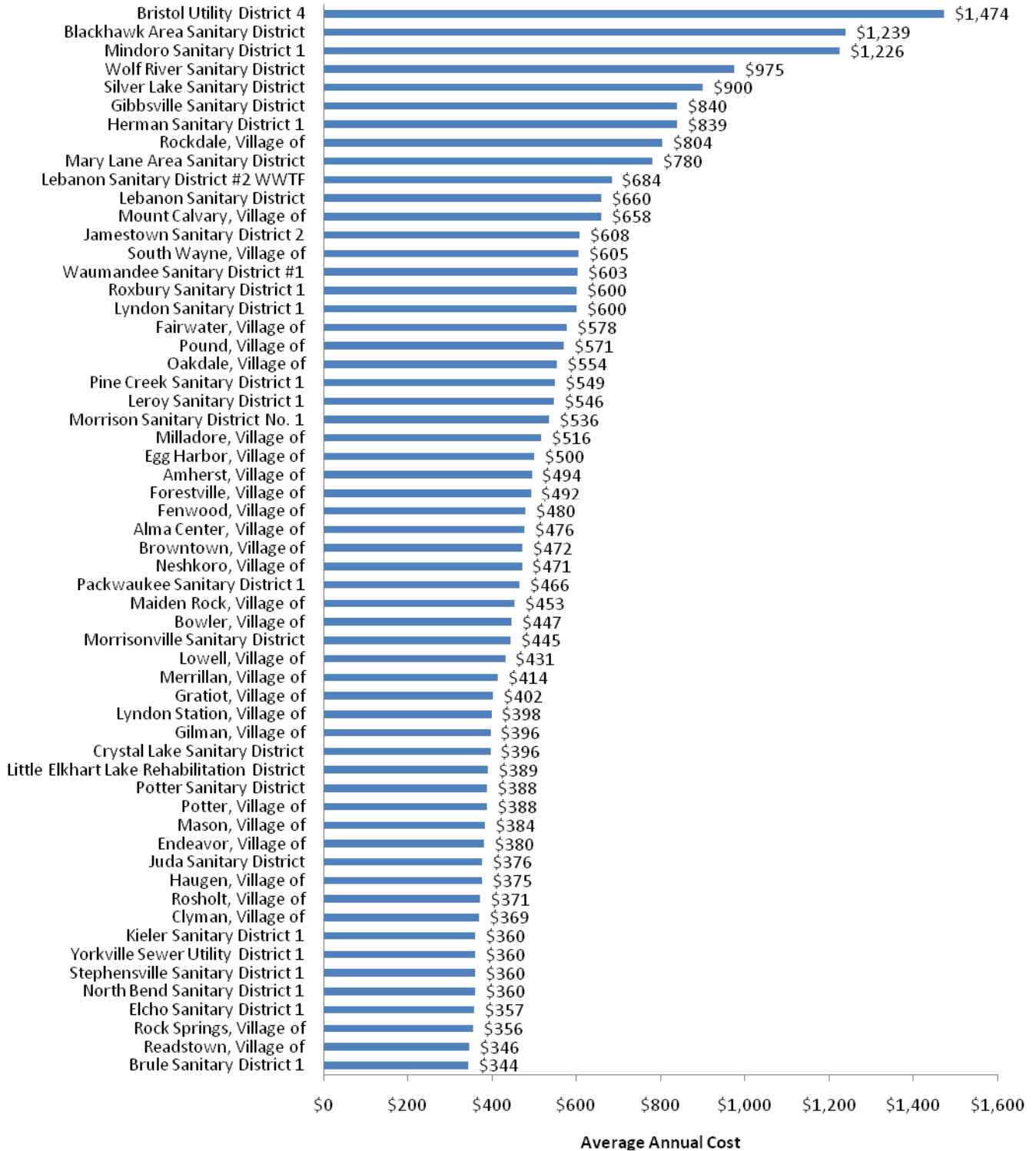
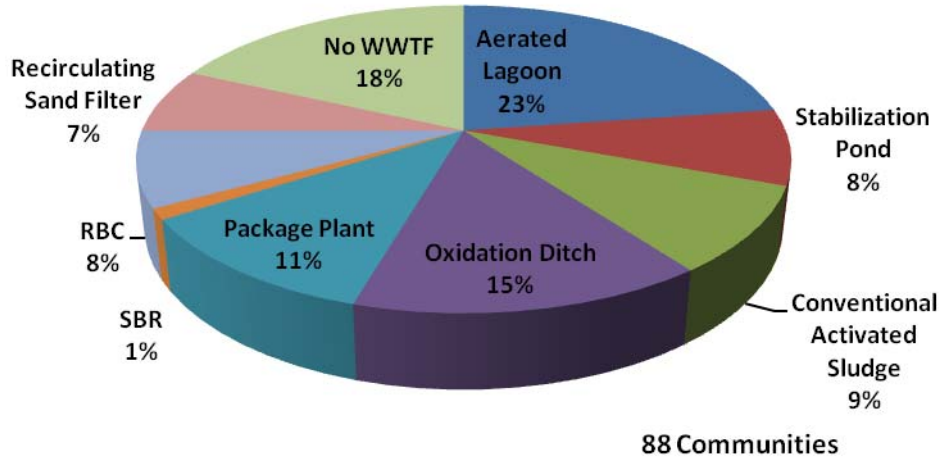


Figure 1B: Breakdown of Respondents by Treatment Type
Population: 501-1,000



Description:

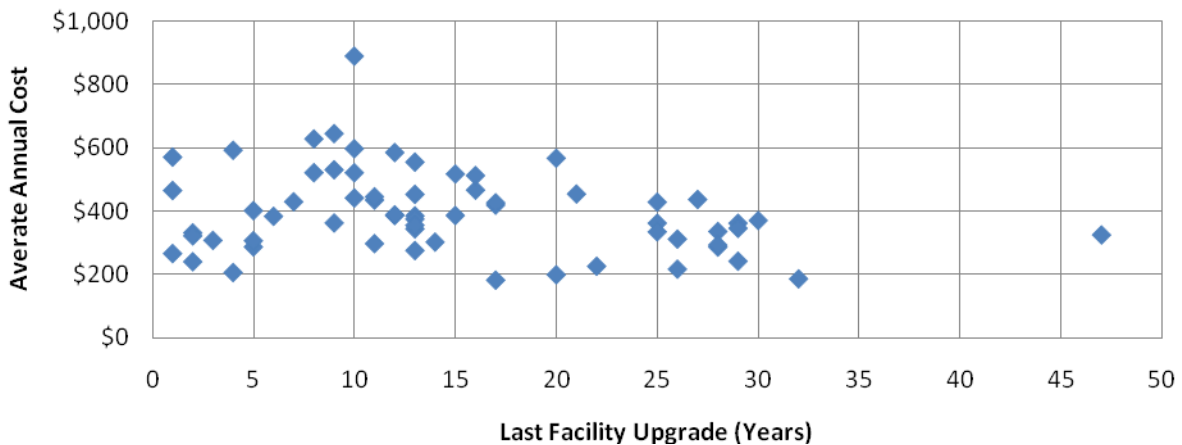
- This graph shows treatment facilities as a percentage of communities

Key Points:

- Communities with a population of 501-1,000 use a variety of treatment types.

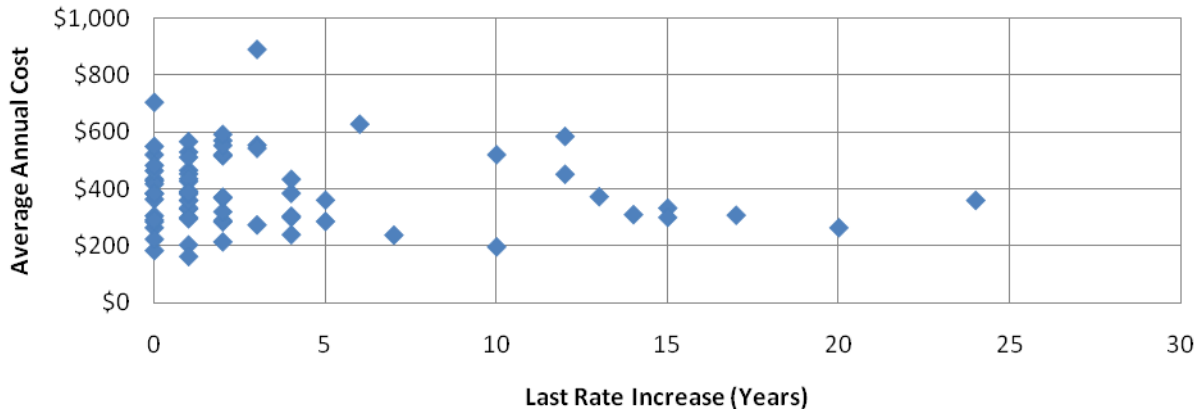
Description:

Figure 2B: Average Annual Cost vs. Last Facility Upgrade
Total Sewer Utility, Based on Usage
Population: 501-1,000



This graph shows the average annual combined utility cost (including property tax component, if applicable) by the last facility upgrade.

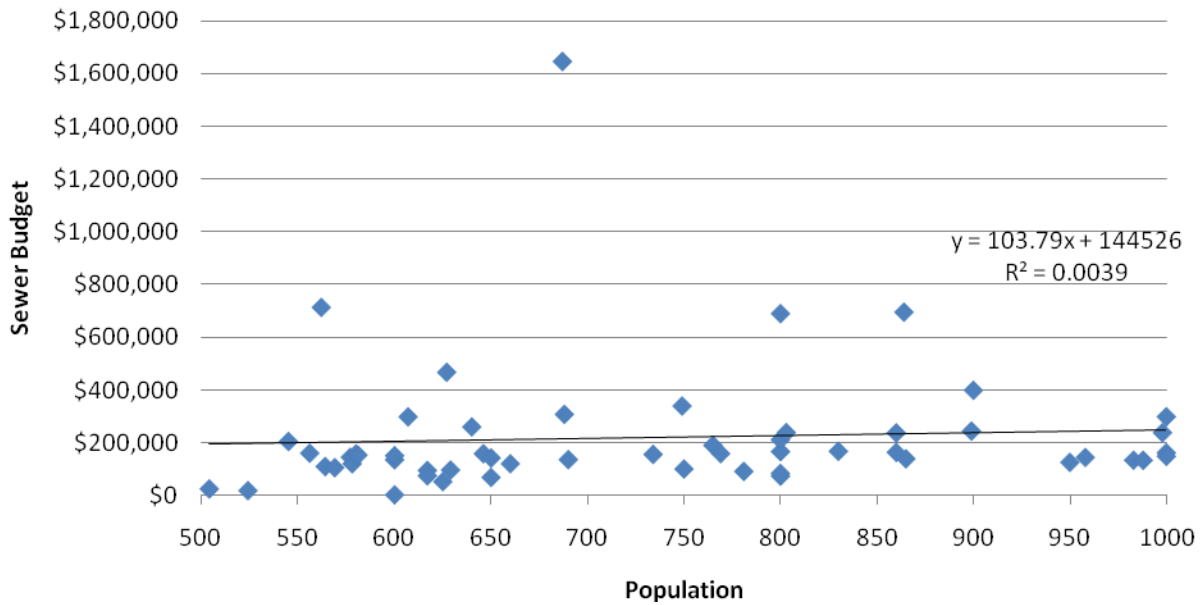
Figure 3B: Average Annual Cost vs. Last Rate Increase
 Total Sewer Utility, Based on Usage
 Population: 501-1,000



Description:

This graph shows the average annual combined utility cost (including property tax component, if applicable) by last rate increase.

Figure 4B: Sewer Budget vs. Population
 Population: 501-1,000



Description:

This graph shows annual sewer budget by population

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Adell, Village of	519	\$24	\$10.98	\$628	\$453	\$202	\$655
Allenton San District 1*	800	\$208	\$5.10	\$489	\$428	\$273	\$701*
Arena, Village of	900	\$369	\$6.25	\$713	\$647	\$231	\$879
Argyle, Village of	819	\$312	\$6.07	\$646	\$554	\$173	\$727
Arlington, Village of	646	\$120	\$10.20	\$681	\$596	\$257	\$853
Auburndale, Village of	738	\$308		\$308	\$308		
Avoca, Village of	606	\$201	\$5.78	\$519	\$342	\$167	\$509
Bayfield, City of	627		\$10.24	\$563	\$289	\$233	\$522
Belmont, Village of	892	\$207	\$3.85	\$419	\$361	\$175	\$535
Birchwood, Village of	562	\$82	\$8.02	\$523	\$330	\$146	\$476
Biron, Village of	800	\$144	\$9.25	\$460	\$364	\$340	\$704
Blanchardville, Village of	803	\$274	\$7.62	\$693	\$566	\$250	\$816
Blue Mounds, Village of	752	\$152	\$6.56	\$513	\$354	\$266	\$619
Bluffview Sanitary District	600	\$96	\$3.46	\$286	\$286		
Boyceville, Village of	1000	\$123	\$3.99	\$342	\$282	\$154	\$436
Brandon, Village of	915	\$245	\$10.00	\$795	\$627	\$246	\$873
Brownsville, Village of	577	\$88	\$6.77	\$461	\$433	\$312	\$745
Cambria, Village of	792	\$80	\$8.90	\$570	\$435	\$238	\$673
Camp Douglas, Village of	561	\$139	\$4.01	\$360	\$316	\$189	\$505
Casco, Village of	600	\$584	\$0.00	\$584	\$584		
Cashton, Village of	1000	\$322	\$5.95	\$649	\$542	\$252	\$794

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Centuria, Village of	944	\$93	\$4.28	\$328	\$215	\$175	\$389
Cloverleaf Lakes Sanitary District	1000	\$180		\$180	\$180		
Crivitz Sanitary District	1000	\$301	\$2.93	\$462	\$425	\$139	\$564
Dane, Village of	958	\$189	\$3.42	\$377	\$371	\$141	\$512
Dorchester, Village of	850	\$35	\$6.73	\$406	\$274	\$223	\$497
Downsville Sanitary Dist 1	625	\$537	\$2.32	\$609	\$569	\$216	\$785
Dresser, Village of	877	\$336	\$9.75	\$696	\$552	\$104	\$656
Eden, Village of	748	\$360		\$360	\$360		
Eleva, Village of	660	\$168	\$5.25	\$457	\$369	\$208	\$576
Elk Mound, Village of	800	\$205	\$4.92	\$475	\$417	\$218	\$635
Fairchild, Village of	564	\$201	\$4.80	\$465	\$383	\$244	\$627
Florence Utility District	807	\$177	\$3.50	\$370	\$310	\$243	\$553
Footville, Village of	769	\$330	\$7.00	\$715	\$644	\$234	\$878
Fountain City, City of	983	\$240		\$240	\$240	\$122	\$362
Fox Lake Inland Lake District	1000	\$483		\$483	\$483		
Francis Creek, Village of	600	\$400		\$400	\$400		
Fremont, Village of	667	\$520		\$520	\$520		
Friendship, Village of	781	\$159	\$6.85	\$536	\$434	\$218	\$651
Highland, Village of	865	\$204	\$4.60	\$457	\$384	\$199	\$583
Hingham Sanitary District	650	\$264		\$264	\$264		
Hubbard-Hustisford Sanitary District 1*	950	\$360		\$360	\$360		

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Iron River Sanitary District 1	1000	\$72	\$7.50	\$485	\$300	\$234	\$534
Kelly Lake Sanitary District 1*	1000	\$440		\$440	\$440		
Krakow Sanitary District*	750	\$320		\$320	\$320		
La Farge Municipal Utilities	800	\$126	\$5.80	\$445	\$333	\$163	\$496
Lakewood Sanitary District #1	582	\$444		\$444	\$444		
Linden, Village of	615	\$264	\$7.25	\$663	\$703	\$190	\$894
Mellen, City of	835	\$170	\$1.50	\$253	\$224	\$157	\$381
Melrose, Village of	520	\$106	\$3.69	\$309	\$285	\$666	\$991
Montfort, Village of	661	\$178	\$4.49	\$425	\$373	\$265	\$638
Necedah, Village of	883	\$289	\$10.91	\$889	\$889		
New Auburn, Village of	581	\$83	\$7.41	\$491	\$360	\$281	\$641
Norwalk, Village of	629	\$192	\$8.22	\$452	\$385	\$220	\$605
Omro Sanitary District 1*	800	\$549		\$549	\$549	\$399	\$948*
Oxford, Village of	569	\$300		\$300	\$300		
Pensaukee Sanitary District 1	800	\$232		\$232	\$232		
Pepin, Village of	954	\$279	\$2.58	\$421	\$387	\$120	\$507
Pittsville, City of	860	\$126	\$5.14	\$409	\$305	\$243	\$548
Plainfield, Village of	899	\$474	\$2.38	\$605	\$591	\$161	\$752
Plum City, Village of	607	\$516		\$516	\$516		
Poygan Poyssippi Sanitary District 1*	830	\$300		\$300	\$300		
Prairie Farm, Village of	524	\$180		\$180	\$180		

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Prentice, Village of	640	\$163		\$163	\$163	\$192	\$355
Rib Lake, Village of	860	\$204	\$5.70	\$404	\$306	\$254	\$559
Ridgeway, Village of	700	\$276	\$4.02	\$497	\$427	\$214	\$641
Rio, Village of	988	\$218	\$1.55	\$303	\$291	\$153	\$444
Rockland, Village of	650	\$120	\$7.07	\$509	\$451	\$236	\$969
Siren, Village of	900	\$228	\$6.40	\$580	\$464	\$181	\$644
Sister Bay, Village of	864	\$302	\$2.63	\$447	\$382	\$170	\$552
Soldiers Grove, Village of	617	\$160	\$3.45	\$350	\$285	\$136	\$421
Solon Springs, Village of	580	\$184		\$184	\$184		
Stetsonville, Village of	556	\$520		\$520	\$520		
Sullivan, Village of	688	\$520		\$520	\$520		
Superior, Village of	617	\$204		\$204	\$204		
Suring, Village of	578	\$154	\$4.86	\$422	\$323	\$212	\$535
Three Lakes Sanitary District 1	600	\$88	\$5.06	\$366	\$264	\$222	\$487
Valders, Village of	998	\$220	\$6.30	\$567	\$511	\$193	\$704
Viola, Village of	690	\$126	\$6.00	\$456	\$334	\$210	\$544
Wabeno Sanitary District 1	800	\$163	\$2.07	\$277	\$238	\$172	\$411
Wausaukee, Village of	545	\$277	\$4.49	\$524	\$465	\$197	\$662
Webster, Village of	687	\$140	\$1.64	\$230	\$197	\$157	\$354
Whitelaw, Village of	749	\$361	\$3.25	\$540	\$529	\$79	\$642
Wild Rose, Village of	765	\$120	\$6.05	\$453	\$453		

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Wilton, Village of	532	\$140	\$6.79	\$513	\$392	\$184	\$576
Withee, Village of	504		\$6.00	\$330	\$176	\$261	\$437
Wonewoc, Village of	834	\$72	\$8.85	\$559	\$344	\$194	\$538
Wyocena, Village of	734	\$139	\$3.64	\$339	\$296	\$179	\$475

*communities with a property tax component that cannot be estimated

Figure 6B: Average Annual Sewer Charge for Each Individual Municipality

Based on Actual Usage
Population: 501-1,000

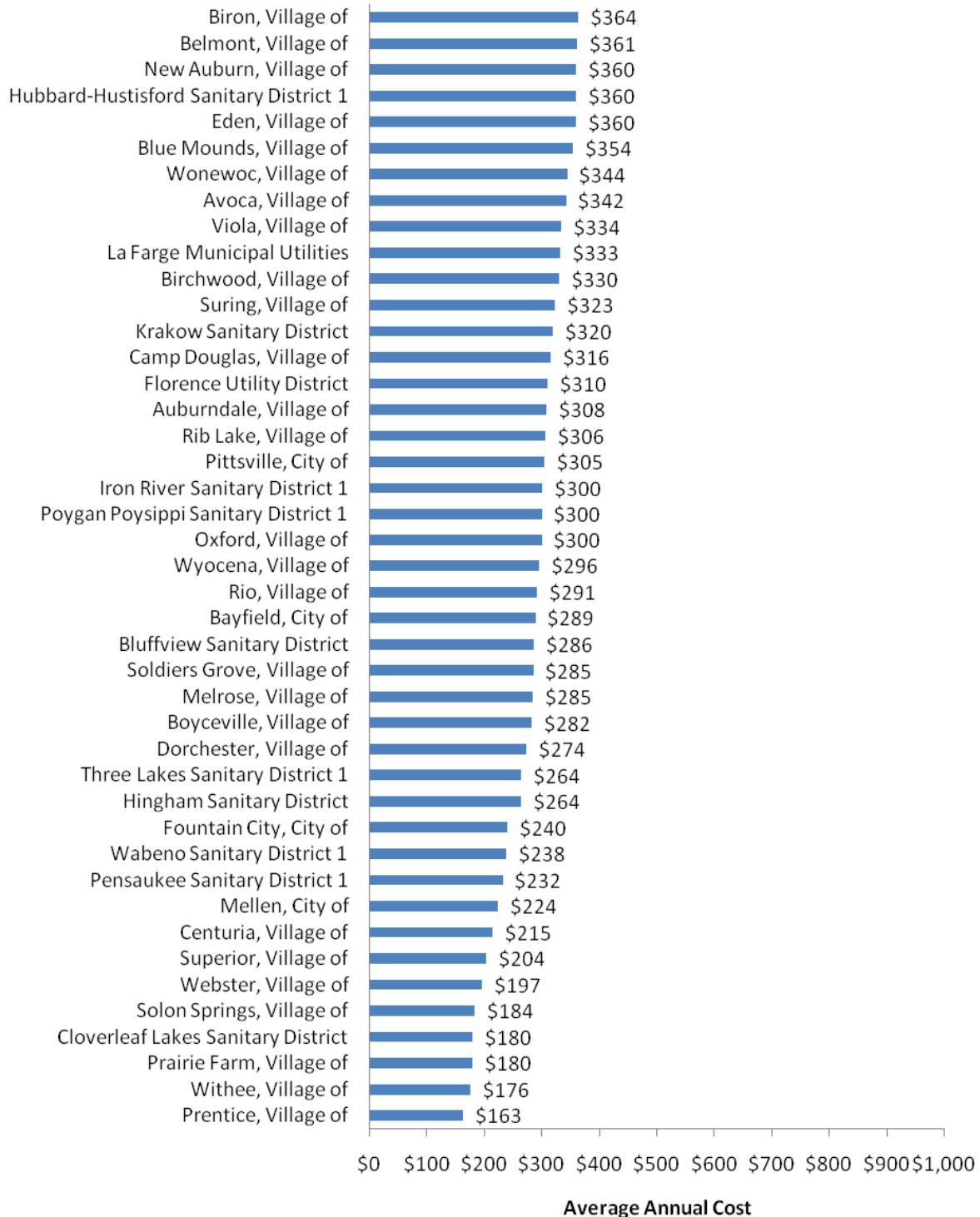


Figure 6B: Average Annual Sewer Charge for Each Individual Municipality

Based on Actual Usage Continued
Population: 501-1,000

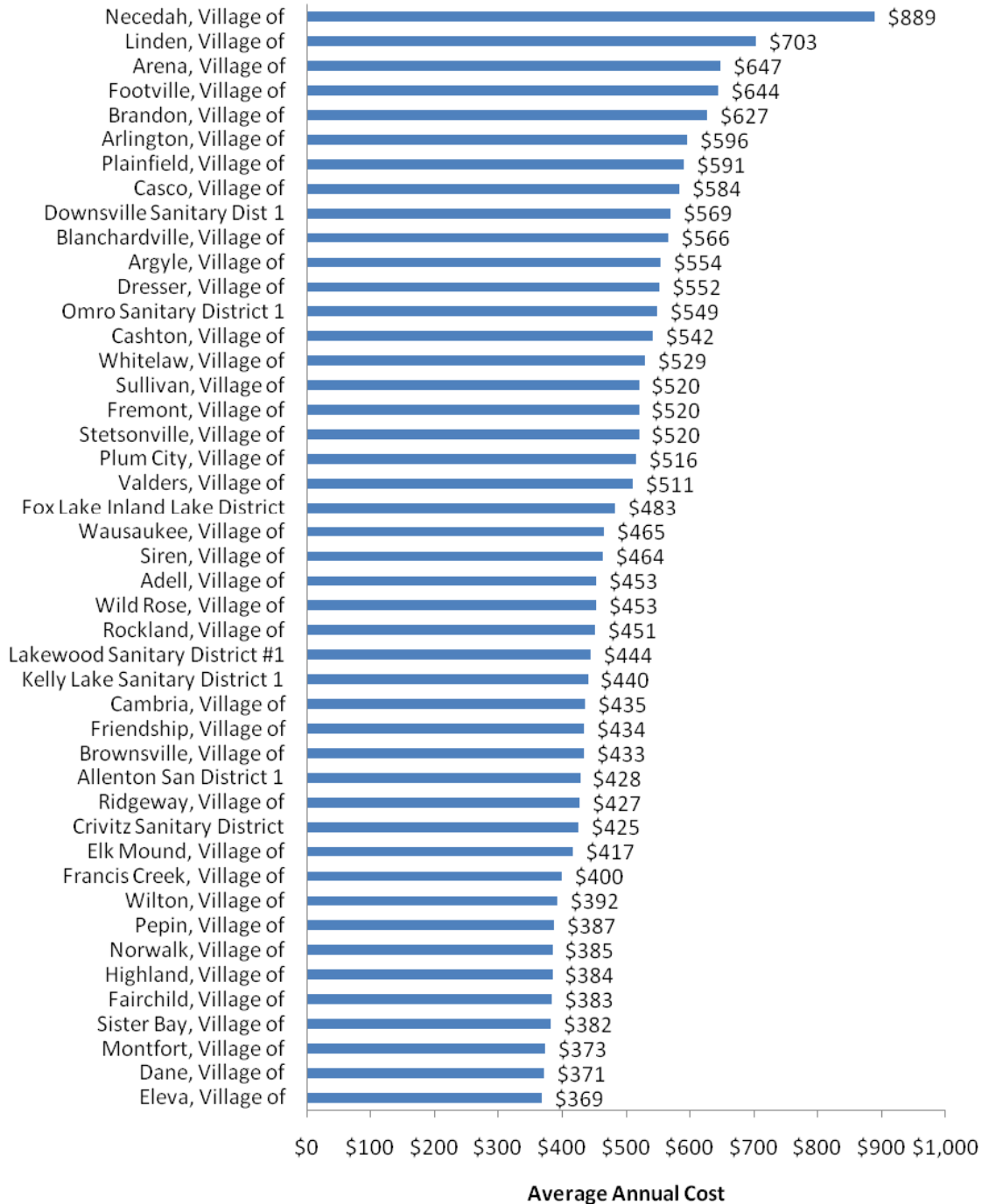
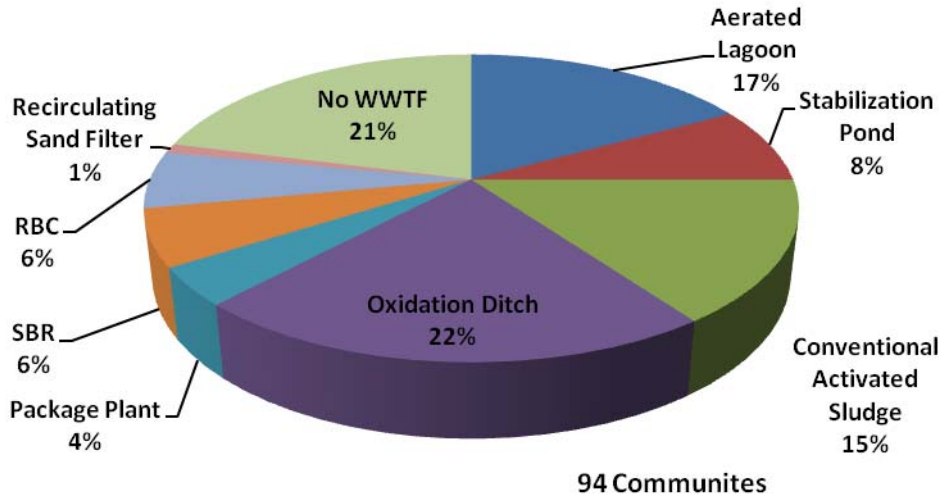


Figure 1C: Breakdown of Respondents by Treatment Type
Population: 1,001-2,000



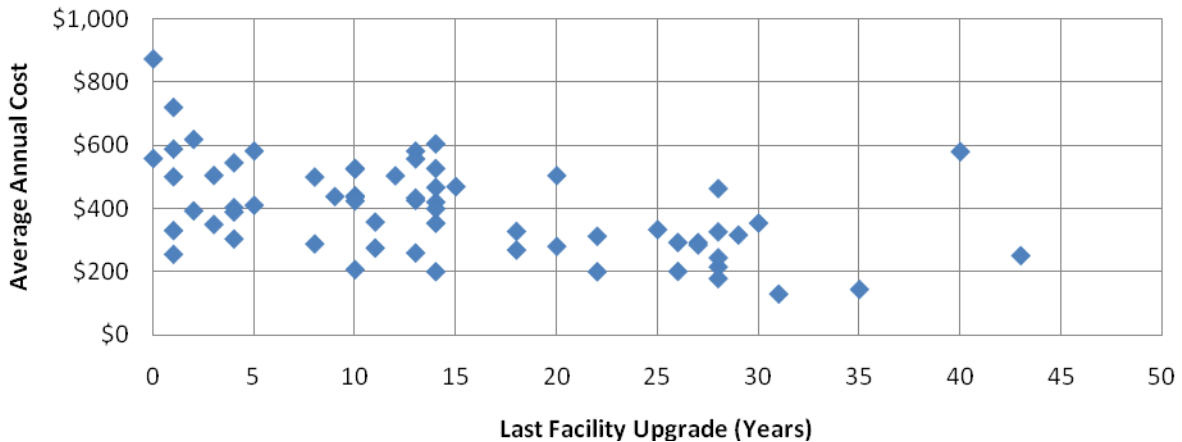
Description:

This graph shows treatment facilities as a percentage of communities

Key Point:

- Communities with a population of 1,000-2,000 display a wide sprawl of treatment types used, with the highest percentage using oxidation ditches.

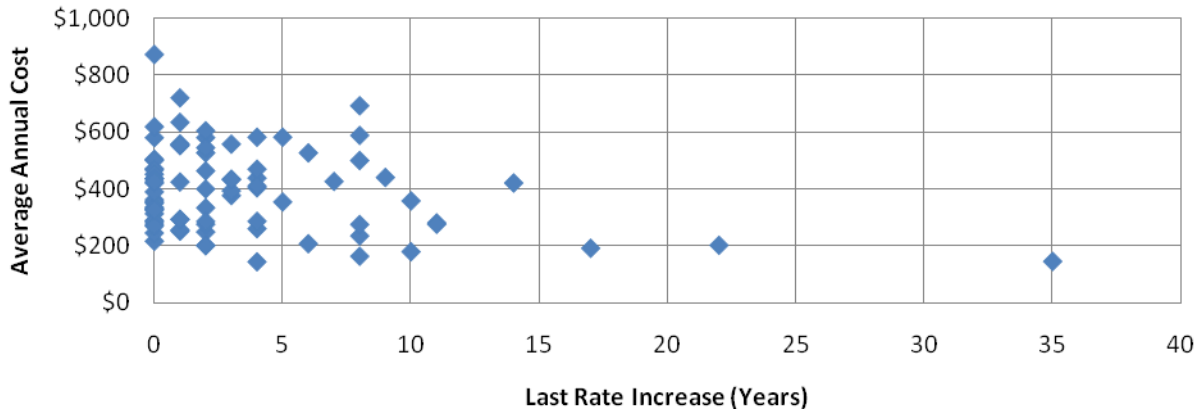
Figure 2C: Average Annual Cost by Last Facility Upgrade
Total Sewer Utility, Based on Usage
Population: 1,001-2,000



Description:

This graph shows the average annual combined utility cost (including property tax component, if applicable) by the last facility upgrade

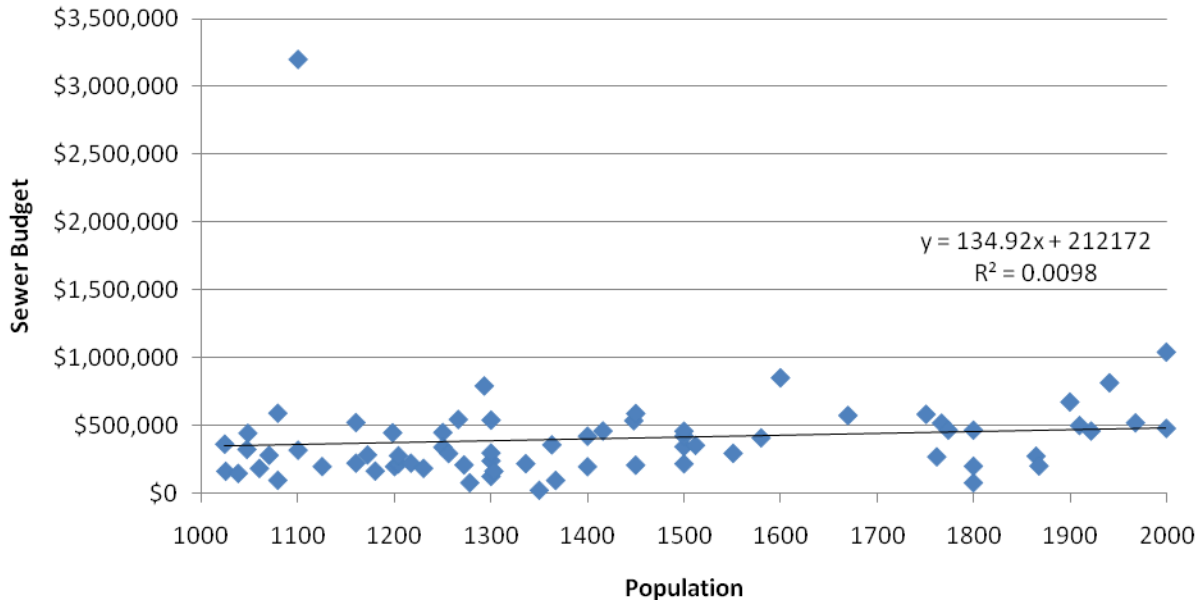
Figure 3C: Average Annual Cost by Last Rate Increase
 Total Sewer Utility, Based on Usage
 Population: 1,001-2,000



Description:

This graph shows the average annual combined utility cost (including property tax component, if applicable) by last rate increase.

Figure 4C: Sewer Budget by Population
 Population: 1,001-2,000



Description:

This graph shows annual sewer budget by population

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Adams, City of	1922		\$4.75	\$261	\$181	\$205	\$386
Albany, Village of	1180	\$349	\$5.71	\$663	\$580	\$208	\$788
Ashippun Sanitary District*	1250	\$720		\$720	\$720		
Athens, Village of	1100	\$111	\$5.09	\$391	\$292	\$250	\$543
Augusta, City of	1450		\$3.00	\$165	\$129	\$187	\$459
Bailey's Harbor WWTP	1100	\$312		\$312	\$312		
Balsam Lake, Village of	1060	\$204	\$2.96	\$367	\$288	\$151	\$439
Bangor, Village of	1425	\$288	\$3.19	\$463	\$438	\$172	\$609
Barneveld, Village of	1256	\$261	\$5.60	\$569	\$525	\$197	\$722
Benton, Village of	1012	\$276	\$6.28	\$622	\$504	\$287	\$790
Black Creek, Village of	1278	\$384	\$4.51	\$632	\$557	\$122	\$679
Blair, City of	1296	\$26	\$3.35	\$210	\$143	\$254	\$397
Bonduel, Village of	1450	\$361	\$7.98	\$800	\$692	\$198	\$891
Bristol Utility District 1*	2000	\$480	\$7.58	\$897	\$970	\$334	\$1,304*
Brooklyn, Village of	1266	\$472	\$9.32	\$984	\$873	\$264	\$1,137
Butte Des Morts Consolidated SD 1*	1025	\$280		\$280	\$280		
Cadott, Village of	1400	\$33	\$6.99	\$417	\$284	\$186	\$471
Cameron, Village of	1701	\$36	\$3.43	\$225	\$162	\$117	\$279
Campbellsport, Village of	1938	\$60	\$6.20	\$401	\$321	\$390	\$711
Cassville, Village of	1083	\$120	\$3.80	\$329	\$251	\$146	\$397
Chetek, City of	1800	\$165	\$4.54	\$414	\$333	\$191	\$524

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Christmas Mountain Sanitary District WWTF	1868	\$435		\$435	\$435		
Cleveland, Village of	1416	\$421	\$4.42	\$664	\$604	\$202	\$806
Clinton, Village of	2000	\$82	\$9.21	\$588	\$485	\$226	\$712
Colby, City of	1767	\$84	\$11.15	\$697	\$469	\$303	\$772
Coleman, Village of	1070	\$134	\$6.25	\$478	\$326	\$139	\$465
Colfax, Village of	1160	\$87	\$2.77	\$240	\$215	\$212	\$427
Cornell, City of	1466	\$64	\$3.19	\$240	\$178	\$176	\$354
Darien, Village of	1643	\$267	\$7.50	\$679	\$554	\$241	\$1,197
Dickeyville, Village of	1079	\$61	\$3.31	\$243	\$201	\$193	\$394
Dyckesville Sanitary District	1300	\$216		\$216	\$216		
Eagle River, City of	1485	\$210	\$5.67	\$522	\$403	\$159	\$562
Edgar, Village of	1491	\$226	\$5.00	\$501	\$436	\$237	\$673
Elkhart Lake, Village of*	1204	\$80	\$5.35	\$374	\$275	\$163	\$444*
Elroy, City of	1580	\$249	\$5.70	\$563	\$466	\$255	\$721
Fall Creek, Village of	1200	\$244	\$6.53	\$603	\$505	\$209	\$713
Fall River, Village of	1532	\$160	\$5.69	\$473	\$420	\$134	\$555
Fox Lake, City of	1512	\$92	\$8.42	\$556	\$433	\$206	\$639
Frederic, Village of	1262	\$120	\$4.68	\$377	\$304	\$159	\$462
Galesville, City of	1496	\$90	\$4.28	\$325	\$269	\$220	\$489
Geneva National Sanitary District	1250	\$471		\$471	\$471		
Gillett, City of	1303	\$62	\$3.46	\$252	\$255	\$217	\$472

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Glenwood City, City of	1216	\$100	\$2.00	\$210	\$190	\$126	\$317
Green Lake, City of	1160	\$180	\$6.70	\$549	\$393	\$96	\$489
Greenwood, City of	1079	\$58	\$6.51	\$416	\$259	\$255	\$514
Hammond, Village of	1614	\$321	\$13.39	\$576	\$410	\$239	\$649
Harmony Grove Sanitary District 1	1762	\$256	\$1.44	\$335	\$335	\$115	\$450
Hazel Green, Village of	1186	\$222	\$5.35	\$516	\$463	\$236	\$699
Hilbert, Village of	1124	\$192	\$5.41	\$490	\$420	\$158	\$578
Hillsboro, City of	1325	\$231	\$7.11	\$622	\$500	\$209	\$709
Hurley, City of	1751	\$189	\$9.00	\$684	\$451	\$262	\$713
Iola, Village of	1287	\$440		\$440	\$440	\$152	\$592
Iron Ridge, Village of	1047	\$157	\$8.63	\$631	\$527	\$220	\$746
Kohler, Village of	2000	\$38	\$2.67	\$185	\$198	\$200	\$398
Lannon, Village of	1048	\$661		\$661	\$661	\$0	\$661
Lawrence Utility District	1900	\$116	\$3.24	\$294	\$285	\$357	\$642
Lone Rock, Village of	1200	\$176	\$2.70	\$325	\$285	\$103	\$389
Loyal, City of	1300	\$162	\$2.44	\$296	\$248	\$239	\$487
Luck, Village of	1230	\$128	\$2.88	\$286	\$234	\$158	\$392
Lyons Sanitary District 2	1500	\$552		\$552	\$552		
Marathon City, Village of	1400	\$80	\$6.41	\$433	\$357	\$260	\$617
Marion, City of	1293	\$226	\$8.00	\$666	\$500	\$117	\$616
Markesan, City of	1363	\$199	\$3.94	\$337	\$292	\$97	\$389

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Mazomanie, Village of	1524	\$180	\$10.00	\$730	\$644	\$243	\$887
Mishicot, Village of	1448	\$382	\$5.82	\$702	\$634	\$113	\$747
Montello, City of	1300	\$180	\$3.70	\$384	\$330	\$123	\$453
Monticello, Village of	1172	\$358	\$4.25	\$592	\$526	\$193	\$720
Muscoda, Village of	1400	\$129	\$3.20	\$305	\$275	\$140	\$415
Oakfield, Village of	1038	\$151	\$4.01	\$372	\$349	\$358	\$707
Okee Sanitary District 1	1125	\$376		\$376	\$376		
Orfordville, Village of	1300	\$144	\$5.98	\$329	\$316	\$223	\$539
Osseo, City of	1670	\$204	\$5.75	\$520	\$424	\$250	\$864
Palmyra, Village of	1774	\$107	\$6.13	\$444	\$389	\$211	\$600
Pleasant Springs Sanitary District 1*	1300	\$580		\$580	\$580		
Poplar, Village of	1367	\$558		\$558	\$558		
Port Edwards, Village of	1910	\$65	\$8.32	\$522	\$424	\$115	\$668
Randolph, Village of	1800	\$40	\$4.00	\$260	\$207	\$216	\$423
Random Lake, Village of	1600		\$8.50	\$468	\$399	\$112	\$512
Reedsville, Village of	1198	\$144	\$10.50	\$722	\$582	\$137	\$719
Roberts, Village of	1545	\$162	\$8.79	\$645	\$545	\$127	\$672
Rochester, Village of	1865	\$326		\$326	\$326		
Rosendale, Village of	1024	\$504	\$5.52	\$504	\$504		
Scott Sanitary District 1	1800	\$98	\$3.41	\$286	\$274	\$187	\$462
Sevastopol Sanitary Dist No 1	1350	\$144		\$144	\$144		

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Shullsburg, City of	1204	\$171	\$6.30	\$517	\$426	\$162	\$588
Somerset, Village of	1300	\$104	\$10.82	\$699	\$619	\$191	\$810
Spencer, Village of	1941	\$193	\$9.66	\$531	\$309	\$224	\$569
Spring Green, Village of	1500	\$43	\$3.27	\$222	\$200	\$139	\$339
Spring Valley, Village of	1336	\$125	\$5.00	\$400	\$354	\$167	\$520
Stratford, Village of	1500		\$5.55	\$305	\$200	\$261	\$461
Theresa, Village of	1325	\$100	\$8.04	\$542	\$433	\$150	\$583
Thorp, City of	1551	\$102	\$5.24	\$390	\$275	\$308	\$583
Trempealeau, Village of	1500	\$72	\$6.00	\$402	\$353	\$143	\$496
Waterford Sanitary District 1	1968	\$368	\$4.80	\$632	\$632		
West Baraboo, Village of	1272	\$78	\$7.23	\$476	\$361	\$212	\$573
Westfield, Village of	1217	\$244		\$244	\$244		
Weyauwega, City of	1860	\$202	\$2.75	\$353	\$327	\$92	\$419
Whiting, Village of	1683	\$188	\$7.51	\$601	\$588	\$160	\$748
Wittenberg, Village of	1500	\$399	\$5.00	\$674	\$582	\$94	\$675

*communities with a property tax component that cannot be estimated

Figure 6C: Average Annual Sewer Charge for Each Individual Municipality

**Based on Actual Usage
Population: 1,001-2,000**

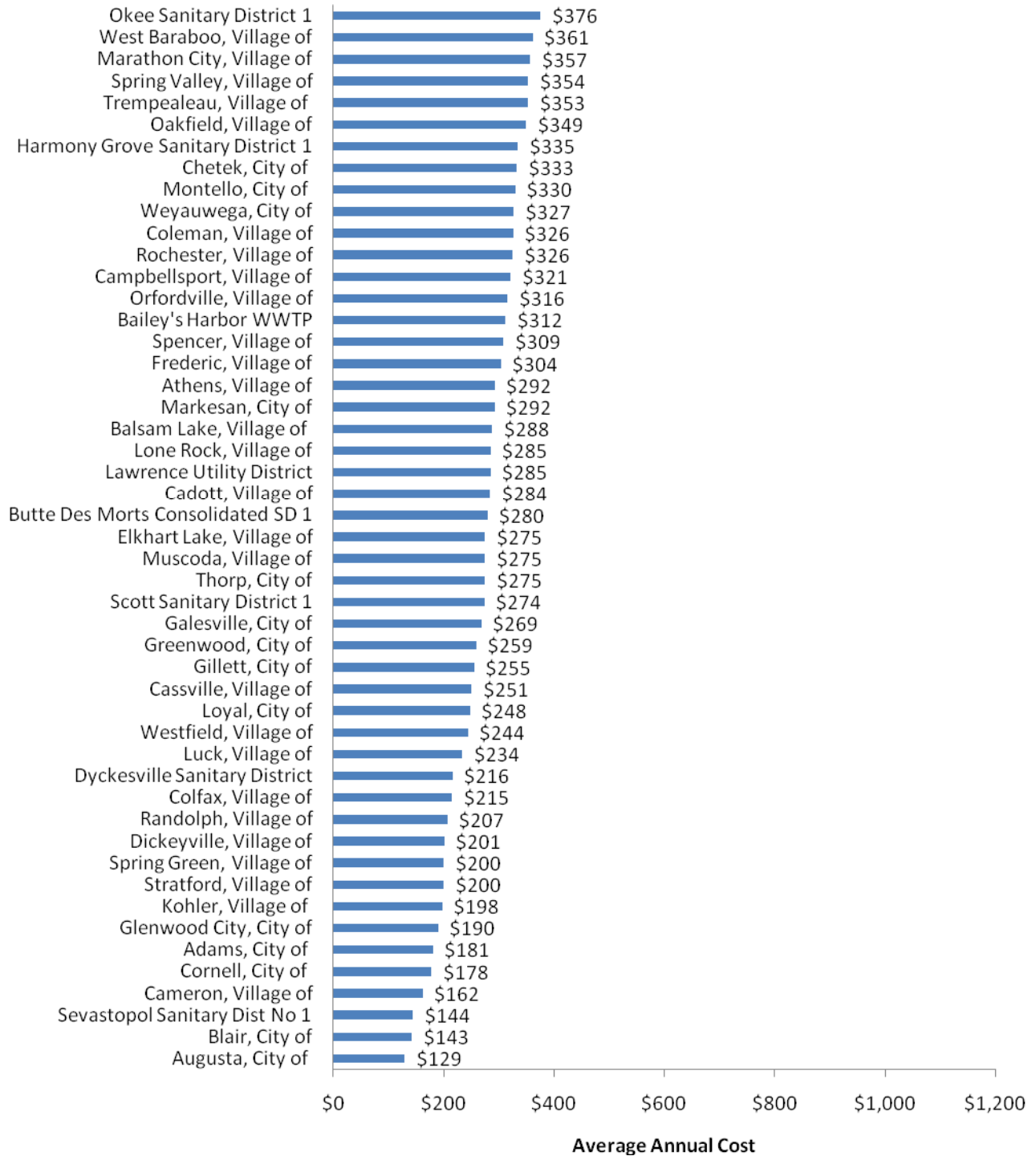


Figure 6C: Average Annual Sewer Charge for Each Individual Municipality

Based on Actual Usage Continued
Population: 1,001-2,000

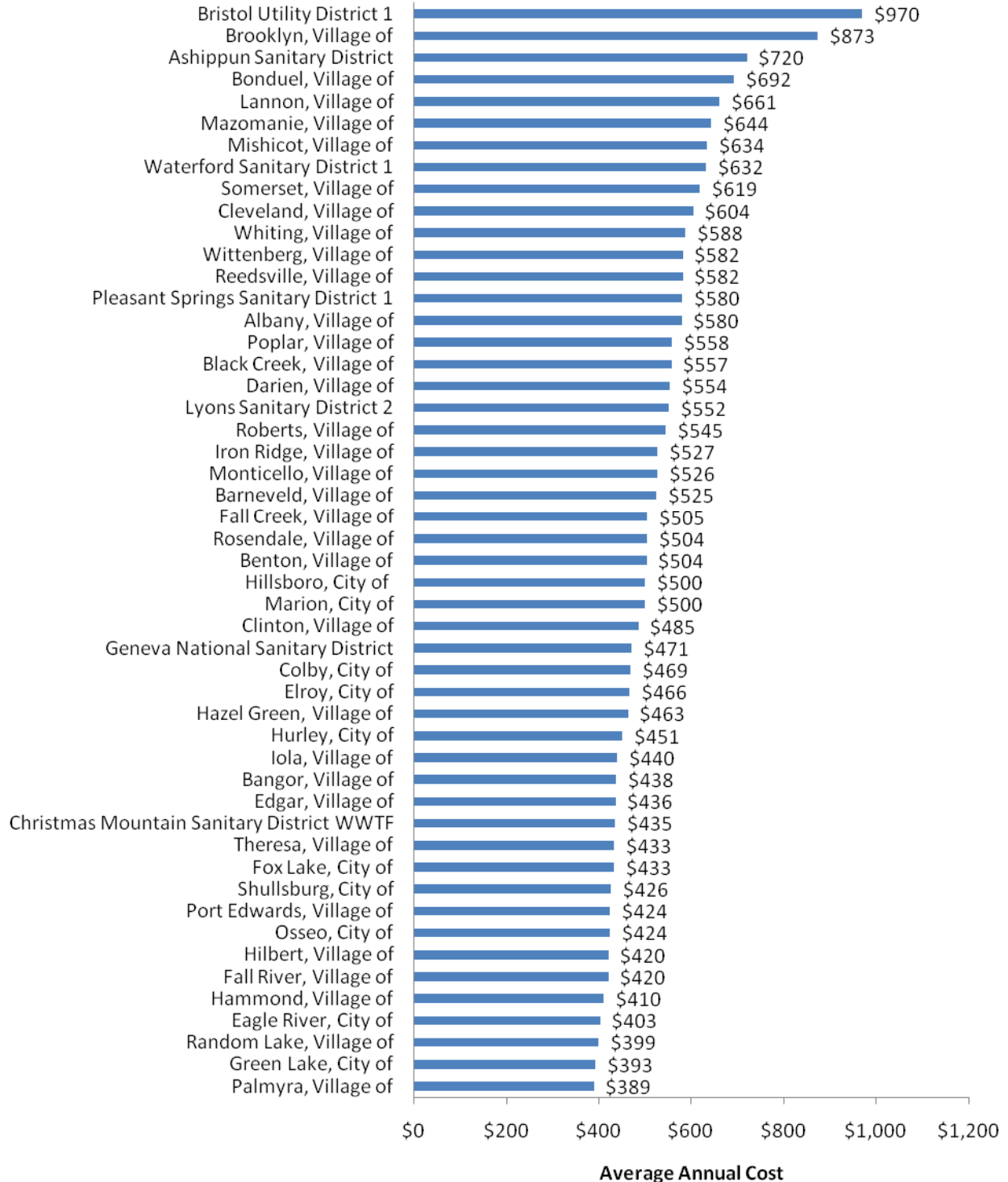
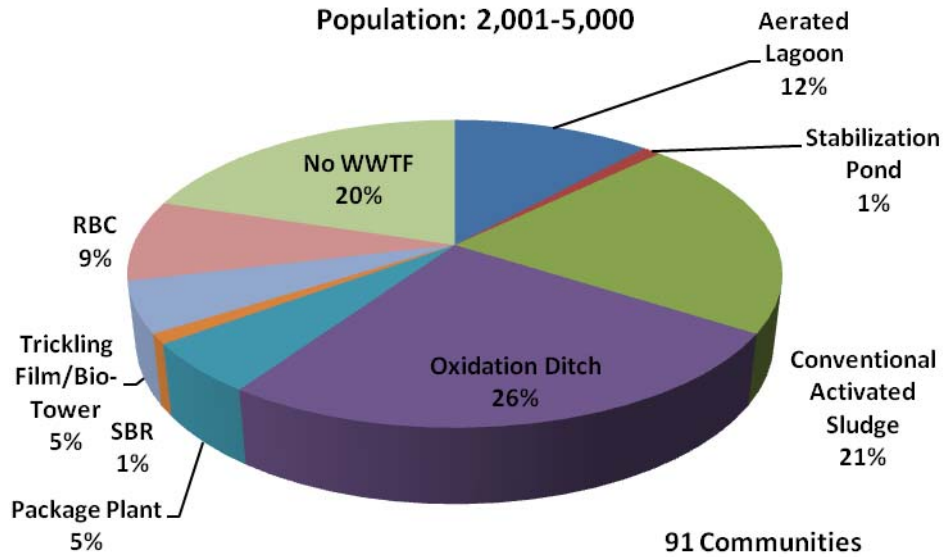


Figure 1D: Breakdown of Respondents by Treatment Type



Description:

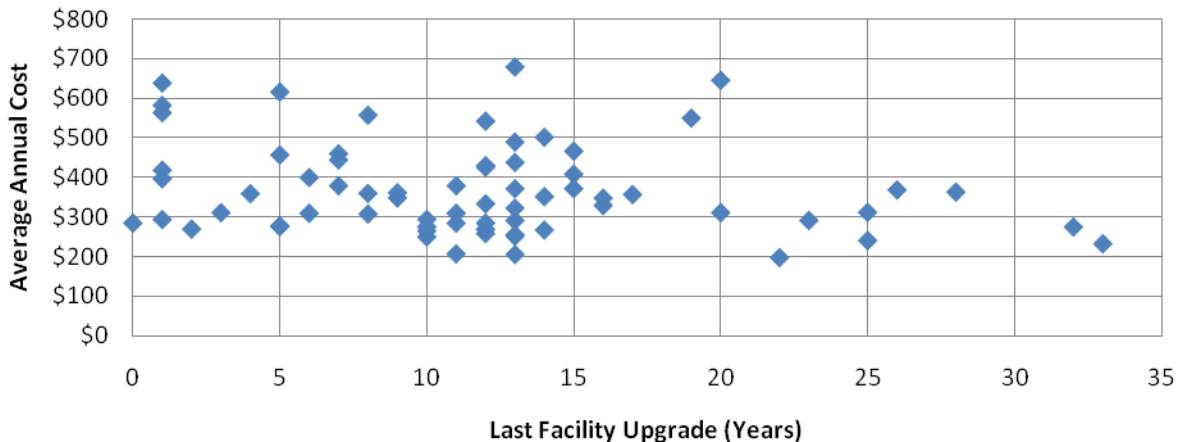
This graph shows treatment facilities as a percentage of communities

Key Points:

- Communities with a population of 2,001-5,000 use activated sludge systems (conventional activated sludge, oxidation ditches, package plants and SBRs) almost 50% of the time.

Figure 2D: Average Annual Cost by Last Facility Upgrade

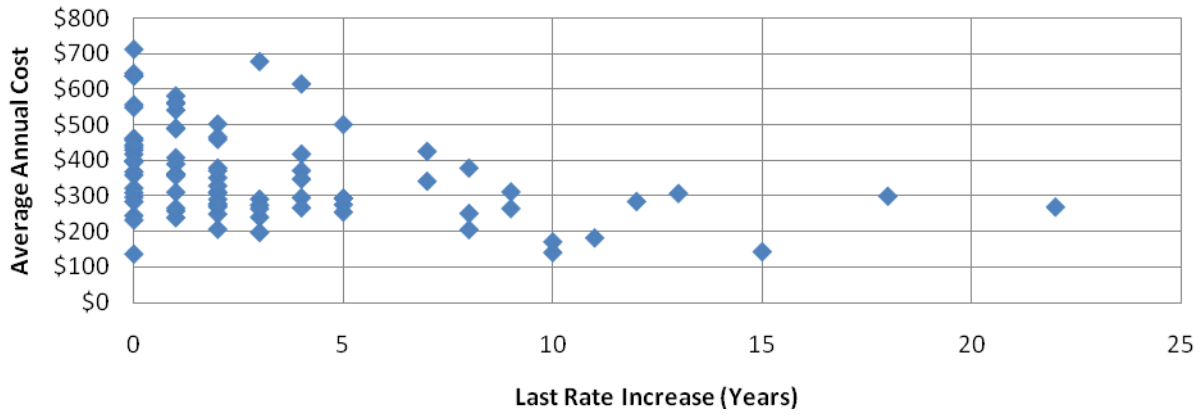
Total Sewer Utility, Based on Usage
Population: 2,001-5,000



Description:

This graph shows the average annual combined utility cost (including property tax component, if applicable) by the last facility upgrade.

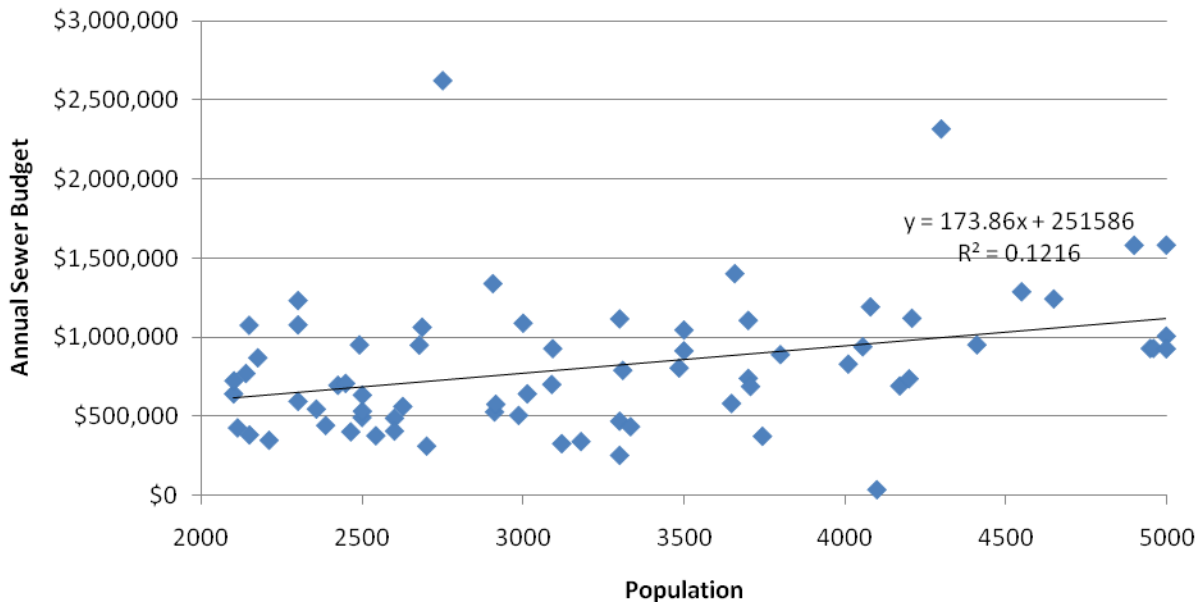
Figure 3D: Average Annual Cost by Last Rate Increase
 Total Sewer Utility, Based on Usage
 Population: 2,001-5,000



Description:

This graph shows the average annual combined utility cost (including property tax component, if applicable) by last rate increase.

Figure 4D: Sewer Budget by Population
 Population: 2,001-5,000



Description:

This graph shows annual sewer budget by population

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Algoma, City of	3116	\$41	\$7.33	\$444	\$291	\$317	\$608
Amery, City of	2915	\$155	\$4.89	\$424	\$352	\$132	\$484
Arcadia, City of	2424	\$180	\$1.60	\$268	\$259	\$271	\$530
Baldwin, Village of	3568	\$22	\$4.88	\$290	\$241	\$137	\$378
Bayside, Village of	4171	\$362	\$3.61	\$561	\$561		
Belgium, Village of	2099	\$399	\$3.26	\$578	\$557	\$185	\$742
Belleville, Village of	2265	\$146	\$11.80	\$795	\$679	\$137	\$816
Bloomer, City of	3500	\$162	\$9.94	\$708	\$542	\$217	\$759
Boscobel, City of	3300	\$120	\$4.00	\$340	\$295	\$152	\$446
Brillion, City of	2986	\$156	\$3.09	\$326	\$297	\$158	\$455
Brodhead, City of	3300	\$96	\$7.50	\$509	\$426	\$191	\$617
Chilton, City of	3756	\$137	\$3.02	\$303	\$265	\$180	\$445
Columbus, City of	4850	\$187	\$7.17	\$581	\$467	\$290	\$756
Combined Locks	3089	\$112	\$6.25	\$456	\$352	\$192	\$544
Cumberland, City of	2357	\$85	\$9.28	\$595	\$438	\$133	\$571
Darlington, City of	2448	\$214	\$7.67	\$636	\$502	\$208	\$710
Deerfield, Village of	2209	\$309	\$7.22	\$706	\$616	\$233	\$849
Denmark, Village of	2148	\$103	\$3.68	\$305	\$270	\$298	\$568
Dodgeville, City of	5000	\$194	\$4.75	\$455	\$372	\$217	\$588
Eagle Lake Sewer Utility	4100	\$400		\$400	\$400		
Ellsworth, Village of	3180	\$63	\$3.72	\$268	\$233	\$140	\$373

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Evansville, City of	4960	\$66	\$4.65	\$322	\$285	\$234	\$519
Fennimore, City of	2367	\$166	\$4.33	\$404	\$334	\$207	\$541
Fish Creek Sanitary District 1	2500	\$264	\$6.93	\$645	\$645		
Fredonia, Village of	2149	\$168	\$3.28	\$349	\$342	\$104	\$447
Green Lake Sanitary District	2340	\$308		\$308	\$308		
Hayward, City of	2300	\$75	\$5.30	\$367	\$278	\$164	\$443
Hobart, Village of	2175	\$215	\$3.80	\$424	\$503	\$327	\$896
Horicon, City of	3700	\$84	\$6.15	\$422	\$369	\$223	\$592
Hortonville, Village of	2600	\$102	\$6.30	\$449	\$363	\$204	\$606
Howards Grove, Village of	3095	\$360		\$360	\$360		
Hustisford, Village of	2400	\$300	\$6.63	\$665	\$550	\$580	\$1,130
Johnson Creek, Village of	2138	\$174	\$4.21	\$405	\$349	\$223	\$572
Juneau, City of	2686	\$167	\$5.41	\$465	\$397	\$247	\$644
Kewaskum, Village of	4209	\$111	\$12.52	\$799	\$638	\$225	\$863
Kewaunee, City of	2906	\$35	\$6.38	\$386	\$275	\$216	\$491
Kiel, City of	3658	\$142	\$2.43	\$275	\$252	\$171	\$423
Ladysmith, City of	3648	\$182	\$3.19	\$357	\$311	\$172	\$484
Lake Como Sanitary District 1*	3000	\$282	\$4.18	\$512	\$418	\$251	\$669*
Lake Delton, Village of	2750	\$37	\$2.25	\$161	\$142	\$227	\$369
Lakeland SD 1 Woodruff Minocqua	2300	\$104	\$5.72	\$419	\$419		
Lancaster, City of	4011	\$72	\$6.77	\$444	\$357	\$206	\$563

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Ledgeview Sanitary District 2	4650	\$92	\$3.03	\$259	\$267	\$422	\$764
Lodi, City of	3013	\$173	\$6.71	\$542	\$490	\$247	\$736
Lomira, Village of	2500	\$52	\$5.97	\$380	\$311	\$106	\$417
Luxemburg, Village of	2386	\$138	\$5.33	\$431	\$379	\$131	\$511
Marshall, Village of	3707	\$150	\$5.90	\$474	\$430	\$196	\$626
Mauston, City of	4411	\$207	\$2.20	\$302	\$276	\$244	\$520
Medford, City of	4080	\$80	\$5.58	\$387	\$270	\$160	\$430
Mineral Point, City of	2617	\$160	\$8.42	\$623	\$460	\$135	\$595
Mondovi, City of	2691	\$84	\$5.06	\$363	\$292	\$183	\$475
Mosinee, City of	4200	\$84	\$3.70	\$288	\$256	\$251	\$506
Neenah Sanitary District 2	2600	\$240		\$240	\$240		
Neillsville, City of	2626	\$33	\$8.72	\$512	\$291	\$193	\$484
New Glarus, Village of	2100	\$263	\$7.62	\$682	\$582	\$226	\$808
New Holstein, City of	3334	\$100	\$3.26	\$279	\$250	\$179	\$429
New Lisbon, City of	2441	\$72	\$8.21	\$524	\$379	\$240	\$619
North Fond du Lac, Village of	4900	\$214	\$9.91	\$759	\$713	\$210	\$922
Oconto, City of	5000	\$236	\$2.67	\$383	\$348	\$192	\$541
Oostburg, Village of	2911	\$51	\$6.35	\$400	\$359	\$218	\$577
Osceola, Village of	3500	\$100	\$9.61	\$629	\$457	\$176	\$633
Paddock Lake, Village of	3092	\$638		\$638	\$638	\$310	\$948
Pardeeville, Village of	2112	\$102	\$4.47	\$348	\$312	\$193	\$505

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Park Falls, City of	2700	\$19	\$4.78	\$282	\$207	\$279	\$486
Pell Lake Sanitary District No. 1	5000	\$168	\$2.75	\$319	\$285	\$191	\$477
Peshtigo, City of	3500	\$55	\$3.20	\$231	\$198	\$269	\$467
Poynette, Village of	2542	\$215	\$6.72	\$370	\$267	\$140	\$408
Prairie du Sac, Village of	3744	\$84	\$1.85	\$186	\$183	\$130	\$313
Prescott, City of	4056	\$223	\$3.75	\$429	\$408	\$128	\$536
Sauk City, Village of	3300	\$62	\$2.10	\$177	\$172	\$142	\$314
Saukville, Village of	4300	\$148	\$5.73	\$464	\$444	\$180	\$624
Schofield, City of	2300	\$114	\$4.85	\$381	\$391	\$157	\$548
Seymour, City of	3485		\$5.15	\$283	\$206	\$199	\$405
Shawano Lake Sanitary District	4950	\$112	\$5.25	\$401	\$265	\$89	\$355
Shelby Sanitary District 2	2600	\$144		\$144	\$144	\$283	\$427
Sherwood, Village of	2499	\$189	\$2.54	\$329	\$310	\$282	\$592
Silver Lake, Village of	4500	\$372		\$372	\$372		
Spooner Municipal Utilities	2464	\$294	\$3.74	\$294	\$294	\$210	\$504
St. Croix Falls, City of	2210	\$43	\$5.60	\$351	\$361	\$184	\$545
Thiensville, Village of	3800	\$492		\$492	\$492		
Tomahawk, City of	3700	\$106	\$5.29	\$397	\$329	\$119	\$449
Union Grove, Village of	4550	\$72	\$6.68	\$439	\$310	\$179	\$488
Washburn, City of	2299	\$274	\$6.79	\$648	\$493	\$242	\$735
Waterloo Utilities	3310	\$89	\$4.85	\$356	\$323	\$159	\$482

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Waupaca Chain O Lakes Sanitary District	3500	\$300		\$300	\$300		
Wautoma, City of	2101	\$258	\$6.48	\$614	\$463	\$172	\$635
West Salem, Village of	5000	\$180	\$1.85	\$282	\$285	\$155	\$440
Westby, City of	2069	\$120	\$3.74	\$326	\$277	\$137	\$413
Whitehall, City of	3000	\$109	\$3.33	\$292	\$245	\$250	\$547
Wilson Sanitary District 1	3120	\$138		\$138	\$138		
Winneconne, Village of	2510	\$120	\$6.15	\$458	\$362	\$245	\$607
Wisconsin Dells, City of	2491	\$72	\$4.35	\$311	\$296	\$138	\$434
Wrightstown, Village of	2677	\$168	\$10.15	\$726	\$564	\$298	\$862

*communities with a property tax component that cannot be estimated

Figure 6D: Average Annual Sewer Charge for each Individual Municipality
Based on Actual Usage
Population: 2,001-5,000

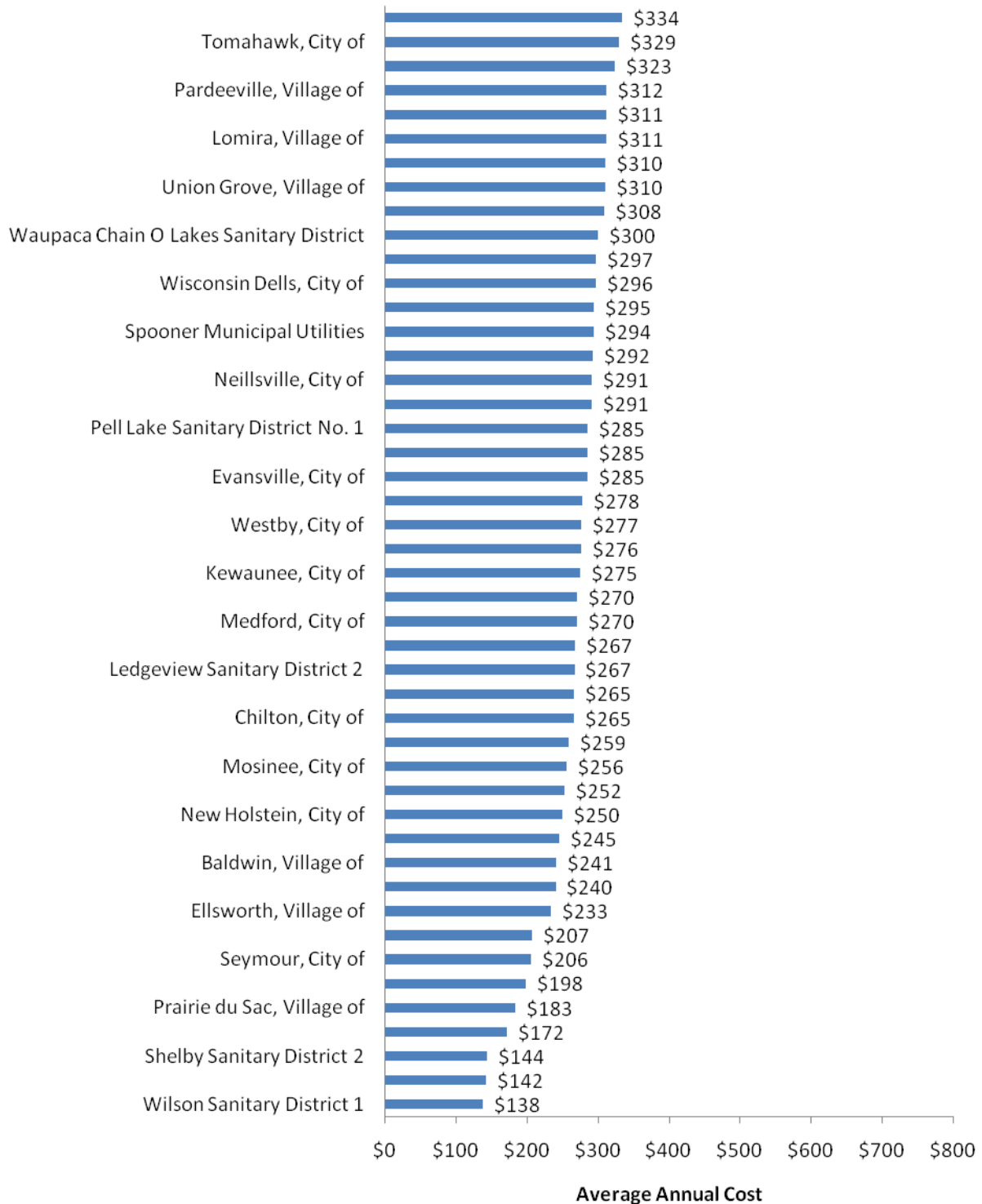


Figure 6D: Average Annual Sewer Charge for each Individual Municipality

Based on Actual Usage Continued
Population: 2,001-5,000

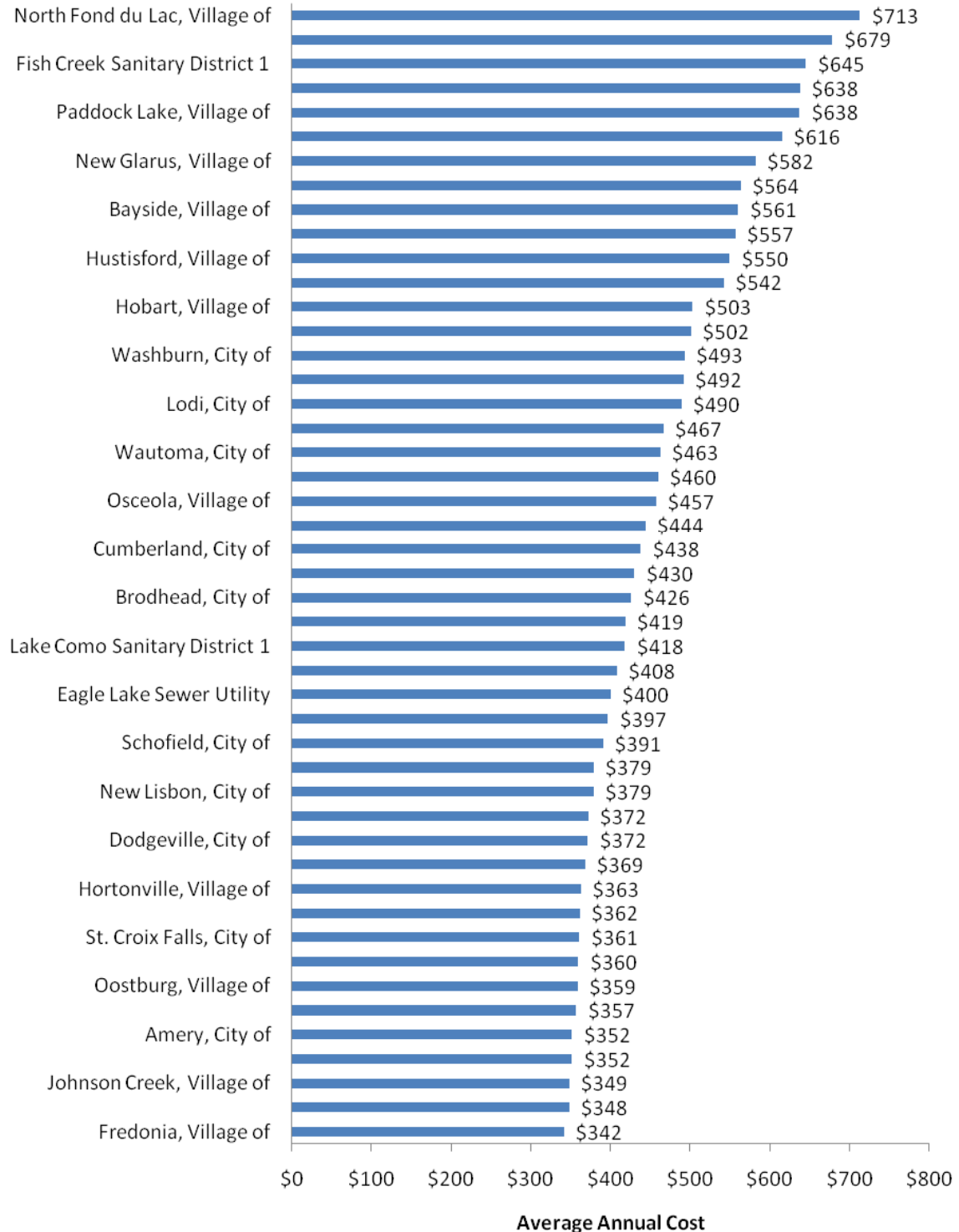
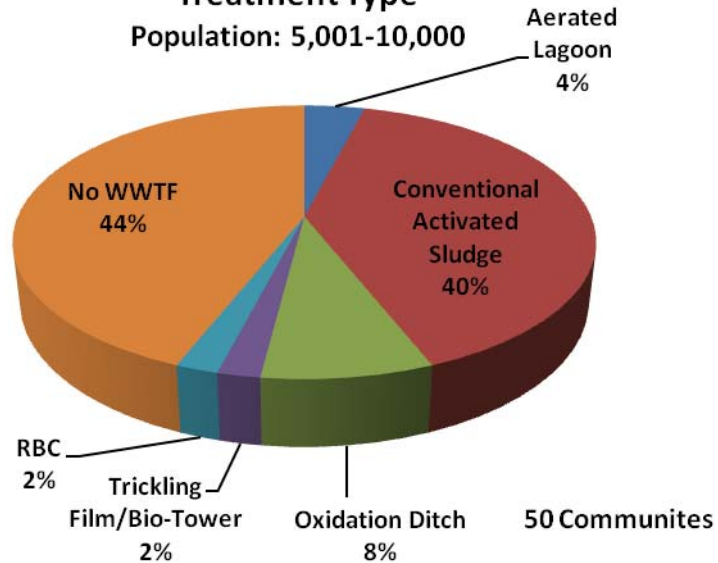


Figure 1E: Breakdown of Respondents by Treatment Type



Description:

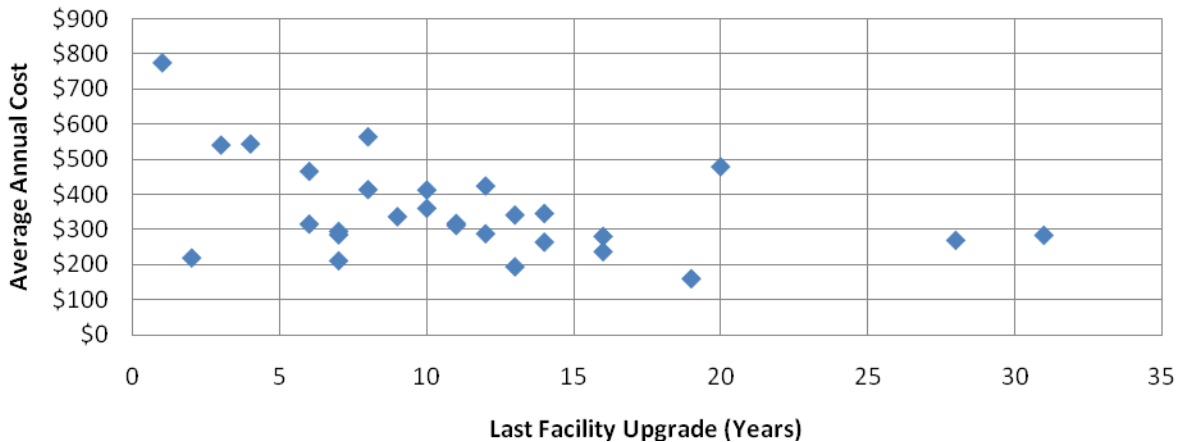
This graph shows treatment facilities as a percentage of communities

Key Points:

- Communities with a population of 5,001-10,000 use conventional activated sludge most frequently.

Figure 2E: Average Annual Cost by Last Facility Upgrade

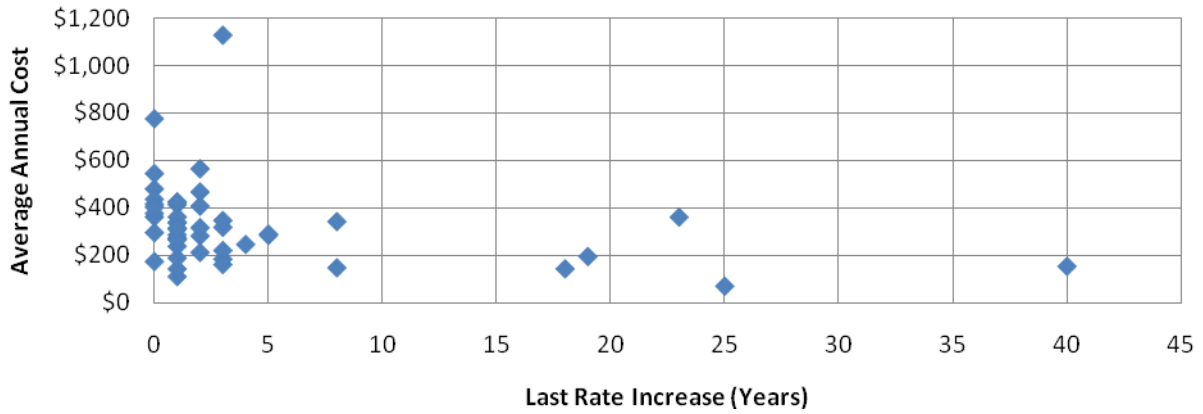
Total Sewer Utility, Based on Usage
Population: 5,001-10,000



Description:

This graph shows the average annual combined utility cost (including property tax component, if applicable) by the last facility upgrade.

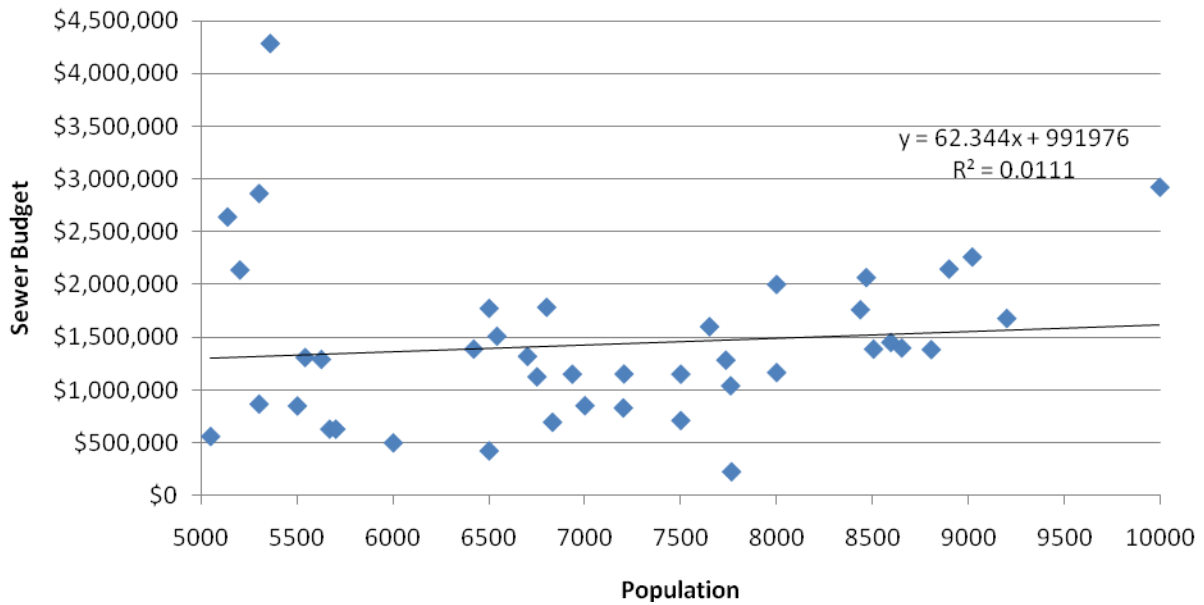
Figure 3E: Average Annual Cost by Last Rate Increase
 Total Sewer Utility Based on Usage
 Population: 5,001-10,000



Description:

This graph shows the average annual combined utility cost (including property tax component, if applicable) by last rate increase.

Figure 4E: Sewer Budget by Population
 Population: 5,001-10,000



Description:

This graph shows annual sewer budget by population

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Altoona, City of	6831	\$54	\$2.65	\$199	\$186	\$171	\$357
Antigo, City of	8596	\$85	\$4.95	\$357	\$263	\$182	\$445
Barron, City of	5047	\$90	\$3.94	\$306	\$268	\$98	\$366
Beloit Sanitary District	7200	\$272	\$5.32	\$565	\$565		
Berlin, City of	5500	\$85	\$4.24	\$318	\$283	\$167	\$450
Brookfield Sanitary District 4	6420	\$82	\$2.13	\$199	\$244	\$221	\$465
Consolidated Koshkonong S D	5668	\$270		\$270	\$270		
Cottage Grove, Village of	5540	\$82	\$4.02	\$304	\$309	\$195	\$505
DeForest, Village of	7386	\$102	\$2.51	\$240	\$240	\$142	\$382
Delafield, City of	6934	\$359	\$3.25	\$359	\$359	\$0	\$359
Delavan, City of	8437	\$102	\$5.71	\$416	\$375	\$264	\$639
East Troy, Village of	5200	\$362	\$8.38	\$823	\$776	\$262	\$1,039
Edgerton, City of	5358	\$145	\$6.61	\$508	\$424	\$233	\$657
Elkhorn, City of	9021	\$210	\$4.95	\$482	\$435	\$284	\$719
Fontana on Geneva Lake	10000	\$202	\$5.83	\$523	\$401	\$240	\$642
Greenville Sanitary District	6750	\$96	\$3.95	\$313	\$312	\$171	\$483
Hales Corners, Village of	7765	\$171		\$171	\$171		
Hartland, Village of	8506	\$149	\$4.66	\$256	\$406	\$256	\$662
Holmen, Village of	7337	\$50	\$3.48	\$241	\$317	\$204	\$521
Jackson, Village of	6500	\$146	\$3.86	\$359	\$341	\$155	\$496
Jefferson, City of	8000	\$156	\$2.45	\$291	\$284	\$186	\$470

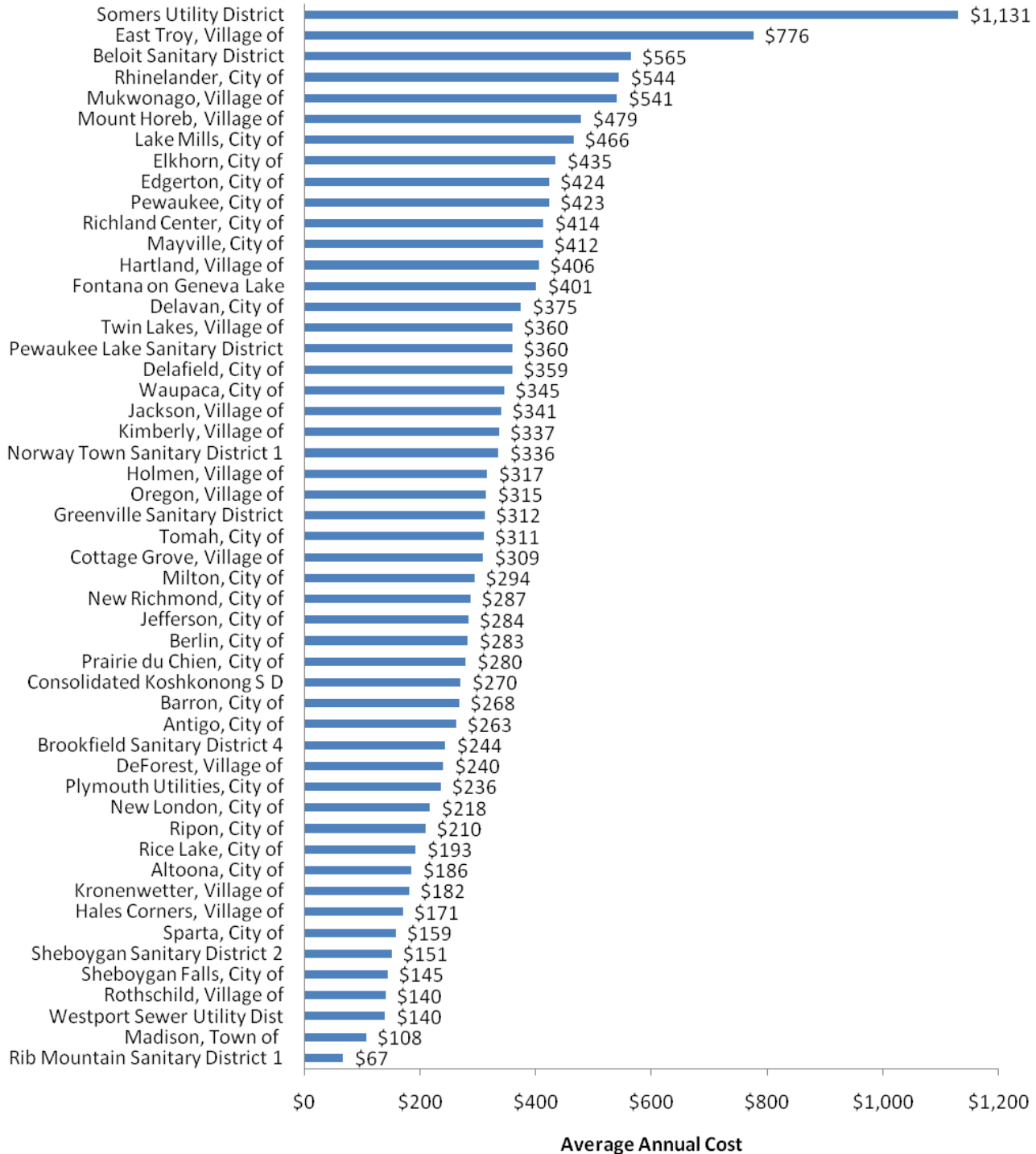
Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Kimberly, Village of	6541	\$6	\$8.00	\$446	\$337	\$140	\$478
Kronenwetter, Village of	6500	\$76	\$2.80	\$230	\$182	\$200	\$382
Lake Mills, City of	6800	\$167	\$6.28	\$512	\$466	\$155	\$620
Madison, Town of	5700	\$28	\$1.45	\$108	\$108		
Mayville, City of	5300	\$142	\$6.14	\$480	\$412	\$225	\$637
Milton, City of	6000	\$66	\$5.91	\$391	\$294	\$175	\$469
Mount Horeb, Village of	6700	\$150	\$5.99	\$479	\$479		
Mukwonago, Village of	6629	\$203	\$6.18	\$543	\$541	\$289	\$830
New London, City of	7204		\$4.87	\$268	\$218	\$196	\$414
New Richmond, City of	8000	\$37	\$5.33	\$330	\$287	\$186	\$473
Norway Town Sanitary District 1*	7500	\$336		\$336	\$336		
Oregon, Village of	8807	\$74	\$4.16	\$302	\$315	\$203	\$518
Pewaukee Lake Sanitary District*	7760	\$360		\$360	\$360		
Pewaukee, City of	8900		\$6.04	\$332	\$423	\$254	\$677
Plymouth Utilities, City of	8468	\$75	\$3.45	\$265	\$236	\$184	\$420
Prairie du Chien, City of	7500	\$138	\$3.45	\$328	\$280	\$126	\$406
Rhineland, City of	7735	\$208	\$7.88	\$641	\$544	\$176	\$720
Rib Mountain Sanitary District 1	6000	\$20	\$0.80	\$64	\$67	\$199	\$286
Rice Lake, City of	8653	\$53	\$3.08	\$222	\$193	\$142	\$335
Richland Center, City of	5135	\$118	\$6.50	\$475	\$414	\$172	\$585
Ripon, City of	7650	\$64	\$3.14	\$237	\$210	\$191	\$401

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Rothschild, Village of	5390	\$50	\$2.55	\$190	\$140	\$244	\$385
Sheboygan Falls, City of	7700	\$21	\$2.70	\$170	\$145	\$141	\$286
Sheboygan Sanitary District 2*	7000	\$151		\$151	\$151		
Somers Utility District	5300	\$696	\$7.90	\$1,131	\$1,131	\$0	\$1,268
Sparta, City of	9201	\$48	\$2.21	\$169	\$159	\$237	\$395
Tomah, City of	8600	\$48	\$6.35	\$397	\$311	\$257	\$568
Twin Lakes, Village of	5625	\$360		\$360	\$360		
Waupaca, City of	10000	\$242	\$2.30	\$368	\$345	\$164	\$509
Westport Sewer Utility Dist	6000	\$140		\$140	\$140	\$355	\$495

*Communities have property tax component that cannot be estimated

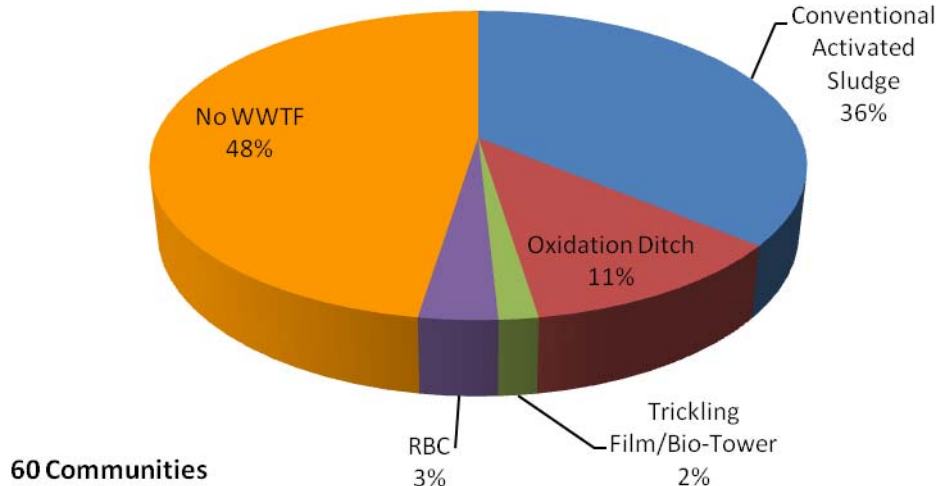
Figure 6E: Average Annual Sewer Charge for each Individual Municipality

Based on Actual Usage
Population: 5,001-10,000



Breakdown of Respondents by Treatment Type

Population: 10,001-50,000



Description:

This graph shows treatment facilities as a percentage of communities

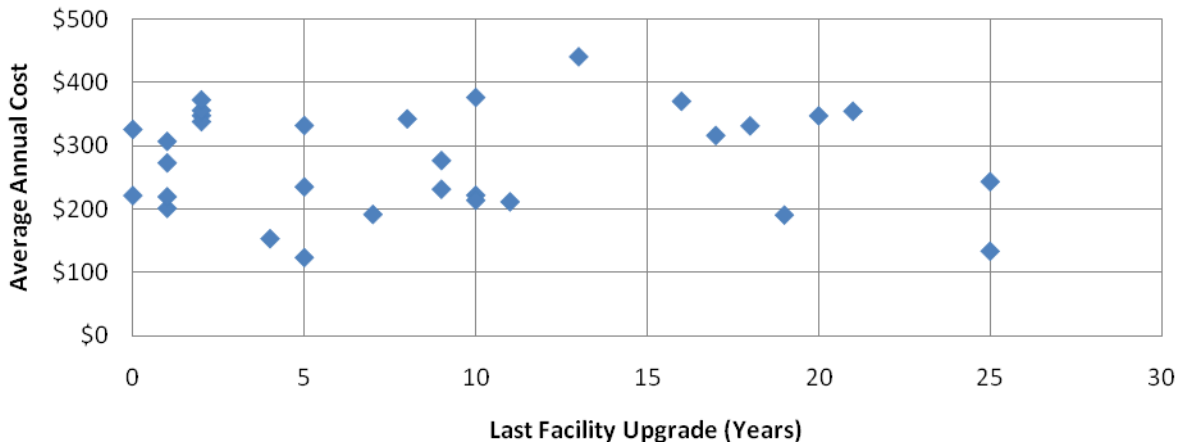
Key Points:

- Communities with a population of 10,001-50,000 have the largest percentage (almost 50%) without a WWTF.

Figure 2F: Average Annual Cost by Last Facility Upgrade

Total Sewer Utility, Based on Usage

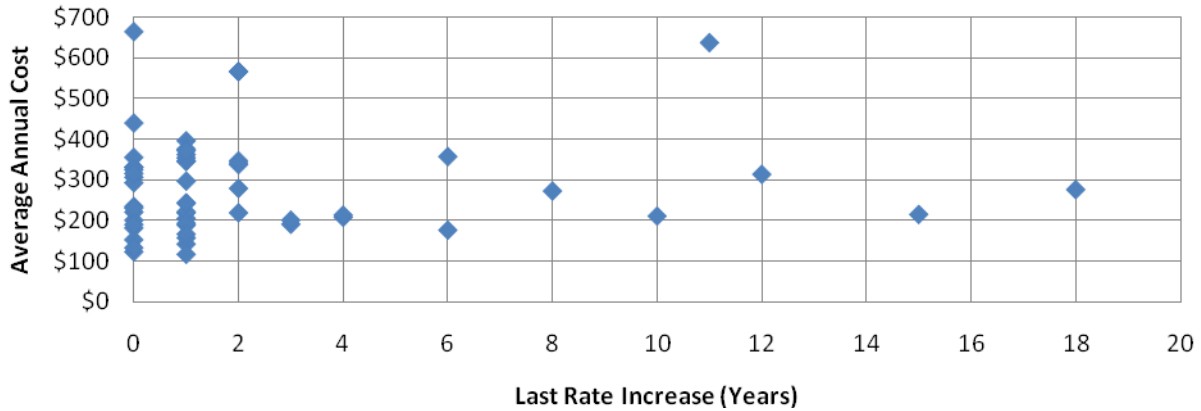
Population: 10,001-50,000



Description:

This graph shows the average annual combined utility cost (including property tax component, if applicable) by the last facility upgrade.

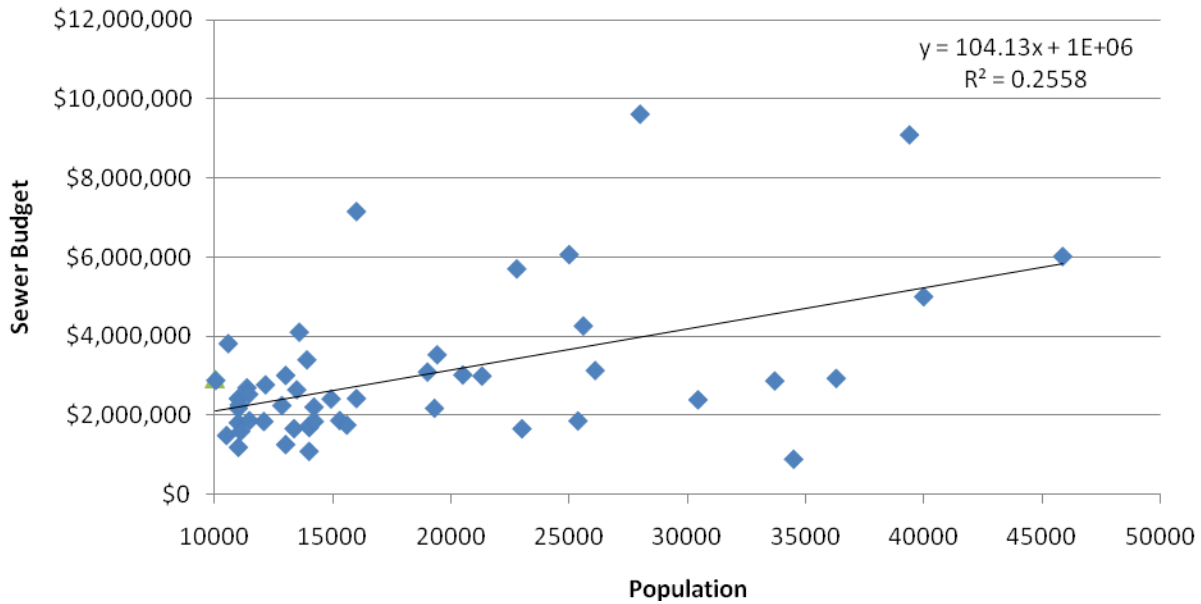
Figure 3F: Average Annual Cost by Last Rate Increase
 Total Sewer Utility, Based on Usage
 Population 10,001-50,000



Description:

This graph shows the average annual combined utility cost (including property tax component, if applicable) by last rate increase.

Figure 4F: Sewer Budget by Population
 Population: 10,001-50,000



Description:

This graph shows annual sewer budget by population

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Allouez, Village of	15290	\$82	\$3.91	\$297	\$279	\$378	\$657
Ashwaubenon, Village of	17820	\$37	\$2.20	\$158	\$156	\$279	\$435
Baraboo, City of	13000	\$95	\$3.18	\$175	\$153	\$115	\$267
Beaver Dam, City of	15000	\$61	\$1.75	\$157	\$133	\$182	\$315
Beloit, City of	16000	\$76	\$3.94	\$293	\$276	\$164	\$441
Burlington, City of	13000	\$94	\$2.01	\$204	\$219	\$187	\$406
Cedarburg, City of	11440	\$144	\$4.76	\$406	\$440	\$228	\$667
Chippewa Falls, City of	13470	\$55	\$2.87	\$213	\$191	\$156	\$347
Cudahy, City of	18500	\$113	\$1.50	\$195	\$208	\$165	\$373
Darboy Joint Sanitary District 1	12000	\$97	\$4.99	\$371	\$362	\$167	\$529
De Pere, City of	22780	\$60	\$2.46	\$195	\$189	\$335	\$524
Fitchburg Utility District 1	23000	\$90	\$1.66	\$182	\$182		
Fitchburg, City of	21257	\$664		\$664	\$664	\$150	\$814
Fort Atkinson, City of	12151	\$67	\$4.57	\$318	\$331	\$158	\$489
Franklin, City of	33700	\$193		\$193	\$193	\$347	\$540
Germantown, Village of	17841	\$100	\$4.32	\$338	\$386	\$187	\$572
Glendale, City of	14000	\$72	\$1.35	\$146	\$157	\$238	\$396
Grafton, City of	11470	\$75	\$4.93	\$346	\$331	\$341	\$673
Grand Chute Sanitary District 2	20500	\$137	\$2.24	\$215	\$215		
Greendale, Village of	13995	\$63	\$2.11	\$179	\$205	\$185	\$390
Greenfield, City of	36300	\$80	\$1.57	\$167	\$167		

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Hartford, City of	13900	\$160	\$3.97	\$378	\$357	\$232	\$590
Hudson, City of	15592	\$24	\$3.21	\$200	\$221	\$167	\$388
Kaukauna, City of	14925	\$24	\$8.02	\$465	\$396	\$322	\$718
Little Chute, Village of	11040	\$36	\$6.65	\$402	\$345	\$215	\$560
Manitowoc, City of	34500	\$95	\$2.60	\$238	\$231	\$136	\$367
Marinette, City of	11365	\$240	\$2.54	\$380	\$354	\$153	\$507
Marshfield, City of	19413	\$207	\$4.24	\$440	\$376	\$205	\$581
Menasha, City of	14000	\$85	\$2.90	\$244	\$201	\$284	\$485
Menomonee Falls, Village of	28000	\$305	\$5.98	\$633	\$566	\$217	\$783
Menomonie, City of	16000	\$64	\$3.48	\$255	\$221	\$132	\$353
Middleton, City of	15770	\$64	\$1.92	\$170	\$184	\$140	\$325
Monroe, City of	11000	\$68	\$3.60	\$266	\$243	\$127	\$370
Mount Pleasant Sewer Utility District 1	25000	\$380	\$3.38	\$566	\$566		
Muskego, City of	21397	\$671		\$671	\$671	\$306	\$977
Neenah Public Works and Utilities	25600	\$44	\$1.61	\$133	\$117	\$263	\$380
New Berlin, City of	39400	\$522	\$1.75	\$619	\$637	\$307	\$944
Oak Creek, City of	29000	\$96	\$3.40	\$283	\$314	\$253	\$566
Oconomowoc, City of	19000	\$76	\$3.53	\$271	\$306	\$233	\$539
Platteville, City of	10575	\$132	\$4.83	\$397	\$347	\$209	\$556
Pleasant Prairie, Village of	13580	\$142	\$5.15	\$142	\$142	\$365	\$507
Plover, Village of	12080	\$54	\$2.86	\$211	\$211	\$263	\$474

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Port Washington, City of	11000	\$183	\$3.72	\$387	\$347	\$273	\$619
Portage, City of	10500	\$94	\$2.05	\$207	\$201	\$193	\$393
Reedsburg, City of	19300	\$115	\$4.87	\$382	\$342	\$120	\$461
Shorewood Utilities	13360	\$45	\$1.90	\$150	\$177	\$182	\$358
South Milwaukee, City of	21310	\$52	\$4.26	\$286	\$293	\$189	\$482
Stevens Point, City of	25370	\$96	\$3.53	\$290	\$316	\$177	\$493
Stoughton, City of	12840	\$76	\$4.96	\$349	\$337	\$173	\$511
Sun Prairie, City of	26100	\$79	\$2.74	\$230	\$235	\$121	\$355
Superior, City of	27000	\$24	\$6.28	\$370	\$370		
Sussex, Village of	10045	\$61	\$3.18	\$236	\$272	\$296	\$569
Two Rivers, City of	14200	\$113	\$5.82	\$433	\$355	\$245	\$601
Verona, City of	11000	\$72	\$2.58	\$214	\$219	\$162	\$381
Waterford, Village of	19971	\$155	\$3.60	\$353	\$348	\$207	\$555
Watertown, City of	23165	\$196	\$3.52	\$389	\$372	\$237	\$609
Waunakee Utilities	11100	\$118	\$2.67	\$264	\$297	\$192	\$489
Wausau, City of	40000	\$60	\$2.71	\$209	\$190	\$165	\$355
Wauwatosa, City of	45880	\$28	\$3.53	\$222	\$243	\$236	\$479
West Bend, City of	30450	\$66	\$2.80	\$220	\$213	\$207	\$420
Western Racine Co Sewer Dist	11000		\$2.24	\$123	\$123		
Whitewater, City of	14215	\$88	\$5.36	\$383	\$325	\$152	\$477

**Figure 6F: Average Annual Sewer Charge for each Individual Municipality
Based on Actual Usage
Population: 10,001-50,000**

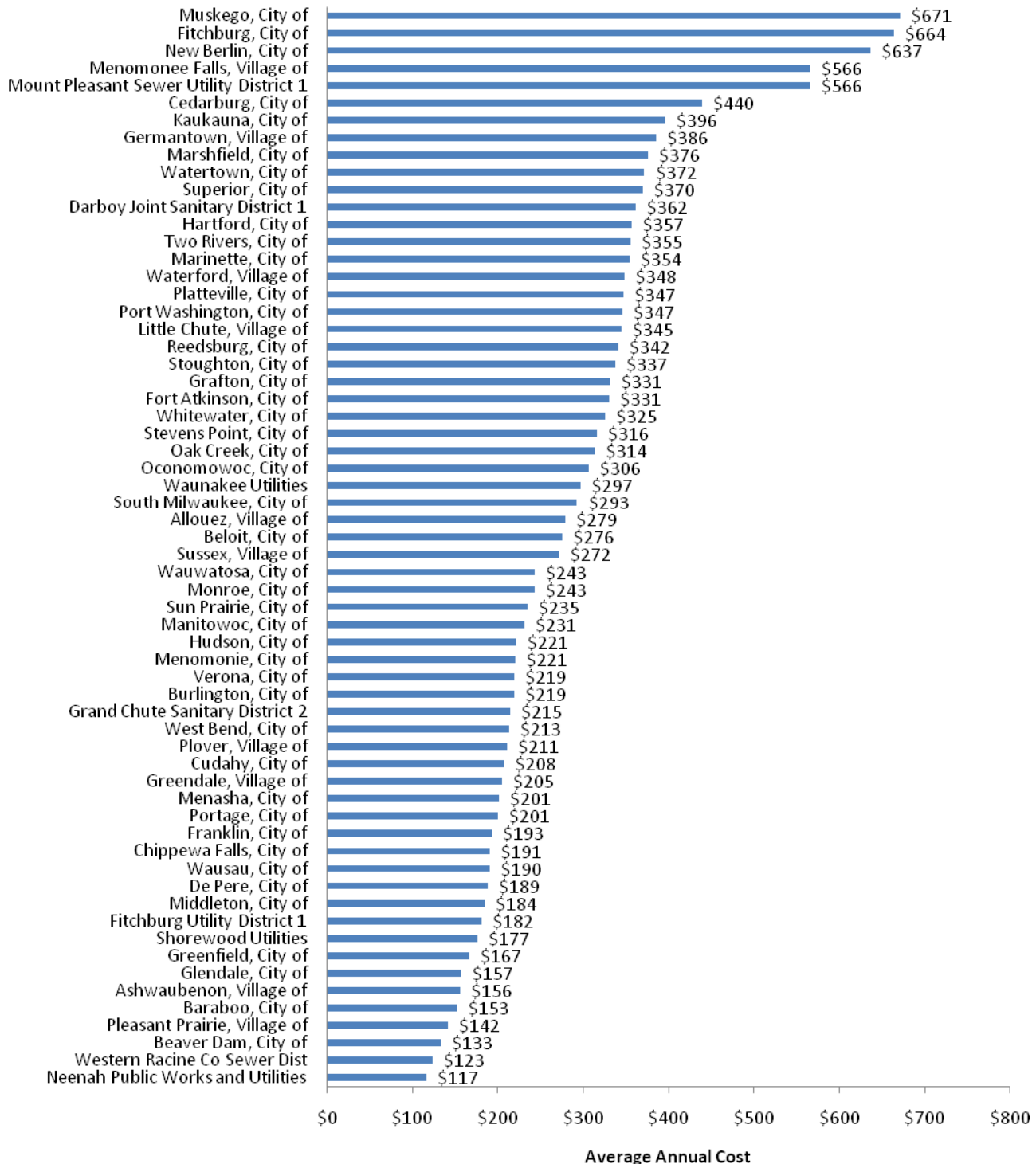
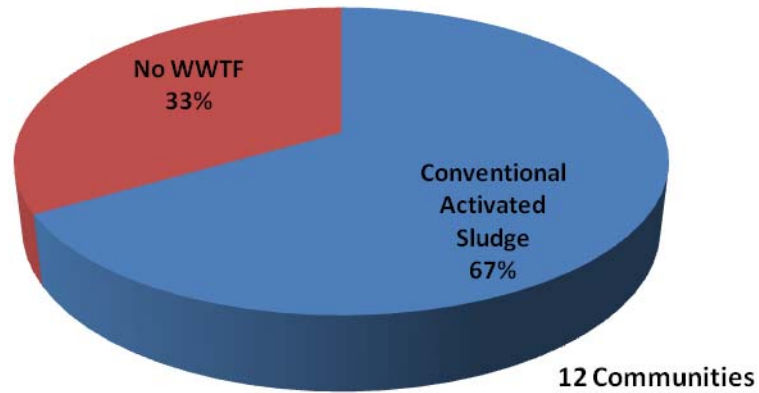


Figure 1G: Breakdown by Respondents by Treatment Type
 Population: 50,001+



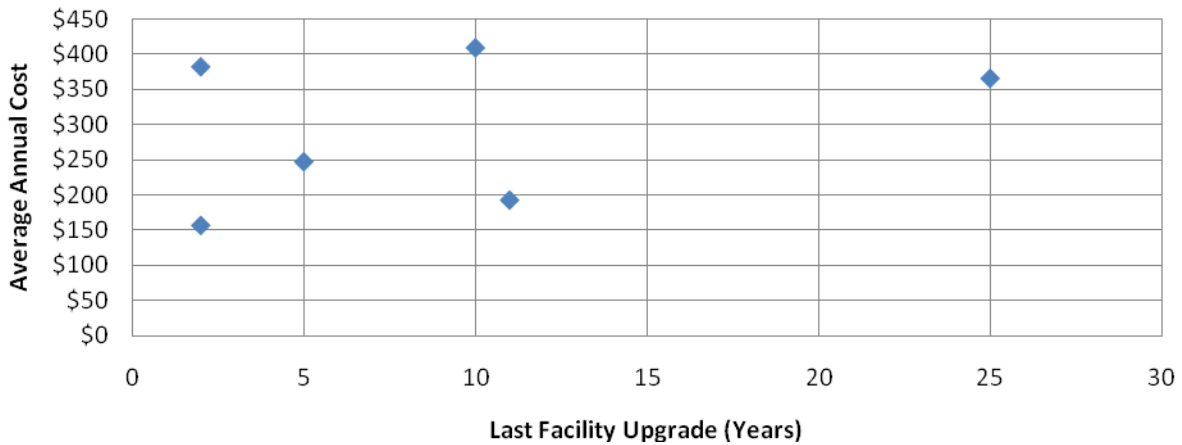
Description:

- This graph shows treatment facilities as a percentage of communities

Key Points:

- Of the communities with a population of 50,001+, only activated sludge was used in WWTFs.

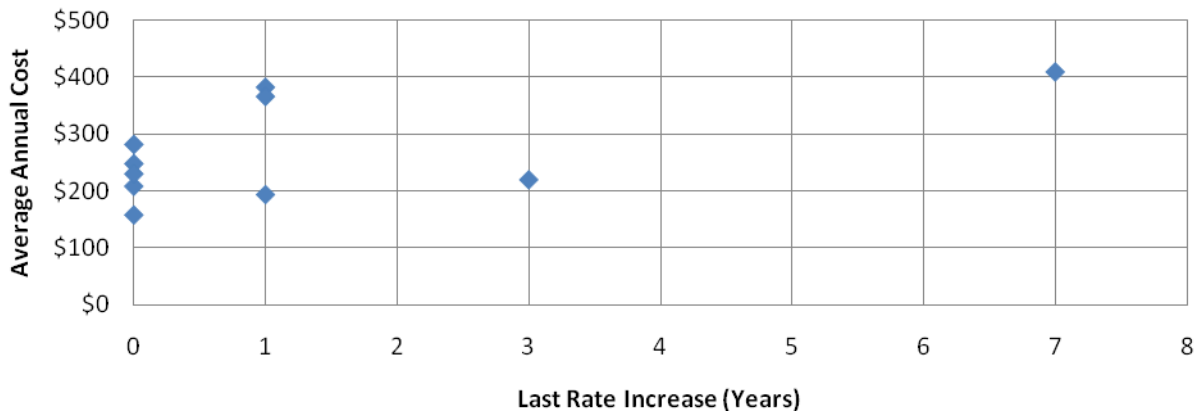
Figure 2G: Average Annual Cost by Last Facility Upgrade
 Total Sewer Utility, Based on Usage
 Population: 50,001+



Description:

This graph shows the average annual combined utility cost by the last facility upgrade.

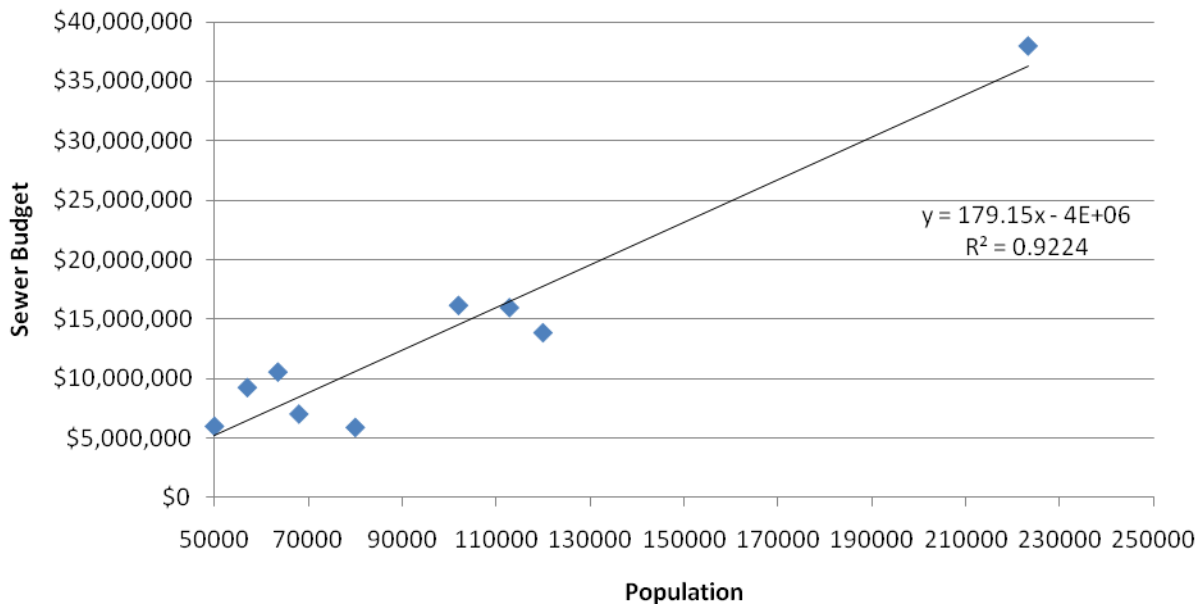
Figure 3G: Average Annual Cost by Last Rate Increase
 Total Sewer Utility, Based on Usage
 Population: 50,001+



Description:

This graph shows the average annual combined utility cost by last rate increase.

Figure 4G: Sewer Budget by Population
 Population: 50,001+



Description:

This graph shows annual sewer budget by population

Municipality	Population	Annual Fixed Charge	Volume Charge, \$/1,000 Gal	Total Annual Sewer User Charge at 55,000 gal	Total Annual Cost of Sewer Service (Based on Usage)	Total Annual Cost of Water Service (Based on Usage)	Total Annual Combined Utility Service (Including Property Tax if Applicable)
Brookfield, City of	50001	\$208	\$2.58	\$350	\$409	\$224	\$691
Fond du Lac, City of	57000	\$148	\$5.23	\$436	\$382	\$361	\$743
Green Bay, City of	102000	\$69	\$2.67	\$216	\$208	\$191	\$399
Janesville, City of	63500	\$130	\$2.53	\$269	\$282	\$119	\$400
Kenosha, City of	112859	\$29	\$5.16	\$313	\$366	\$197	\$562
La Crosse, City of	80000	\$54	\$1.52	\$138	\$158	\$78	\$236
Madison, City of	223389	\$105	\$2.14	\$222	\$230	\$202	\$432
Milwaukee, City of	602782	\$52	\$3.52	\$245	\$334	\$192	\$527
Oshkosh, City of	65510	\$64	\$3.64	\$264	\$219	\$257	\$476
Racine, City of	120000	\$56	\$3.05	\$224	\$248	\$221	\$469
Sheboygan, City of	68000	\$87	\$2.01	\$198	\$193	\$112	\$306
West Allis, City of	58798	\$147	\$1.30	\$218	\$223	\$210	\$434

**Figure 6G: Average Annual Sewer Charge for Each Individual
Municipality
Based on Actual Usage
Population: 50,001+**

