

2022

# WATER LOSS LEGISLATIVE REPORT FOR 2022

PREPARED BY: INDIANA FINANCE AUTHORITY

## ACKNOWLEDGMENTS

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The IFA appreciates the assistance of the Indiana Section of the American Water Works Association, the Alliance of Indiana Rural Water, and the Southwest Environmental Finance Center on this project.

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## EXECUTIVE SUMMARY

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As required by IC 8-1-30.8, the Indiana Finance Authority (“IFA”) submits to the Indiana General Assembly the results of the State’s 2022 non-revenue water analysis in this second biennial report.

Data gathered through performing a water audit can bring to light opportunities for improvement in a utility’s water management process. More efficient operations lead to financial savings for the utility, a longer lifespan for infrastructure, and preservation of Indiana’s water resources.

In 2022, 418 utilities out of 537 utilities (78% of metered drinking water utilities) submitted a validated water audit. The results of this report found that the state-wide total of non-revenue water amounted to over 45.3 billion gallons, costing these utilities over \$51.6 million in lost revenue.

## INTRODUCTION

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In an effort to better understand non-revenue water, in 2019, the Indiana Legislature enacted Senate Enrolled Act 4 (IC 8-1-30.8) which obligates water utilities to complete an annual water loss audit. To improve accuracy of water loss audit data, the legislation also requires these water loss audits to be validated by a certified, third-party water audit validator (“Certified Validator”) in every even-numbered year. Water utilities must submit these validated water loss audits to the Indiana Finance Authority (“IFA”) for compilation into a biennial report to the Indiana General Assembly. This is the second biennial report, which summarizes calendar year 2021 data that was submitted to the IFA in 2022.

A water audit tracks all sources and uses of water within a water system over a specified period. Water loss audits are a valuable tool in maintaining the managerial, financial, and technical integrity of a water utility. Performing a water audit is an opportunity for a utility to evaluate the amount of water they produce compared to the amount of water it sells. Through this process, utilities are able to identify their non-revenue water.

Non-revenue water is defined as produced water which does not generate income for the utility. Specifically, non-revenue water consists of Real Losses from physical leaks; Apparent Losses from improperly measured or recorded customer water consumption; and Unbilled Authorized consumption, such as “free” water provided to a municipal building, for example.

$$\textit{Real Losses} + \textit{Apparent Losses} + \textit{Unbilled Authorized Consumption} = \textit{Non-revenue Water}$$

See Figure 1.

Once these losses are identified, utilities can take corrective actions to reduce non-revenue water, which may lead to financial savings. For most utilities, completing an audit will identify what measures a utility should take to improve the efficiency of water production and delivery. Indiana utilities used the American Water Works Association (“AWWA”) Free Water Audit Software, which is the industry standard tool for conducting a water audit.

The IWA/AWWA Water Balance						
Volume From Own Sources (corrected for known errors)	System Input Volume	Water Exported (corrected for known errors)	Billed Water Exported			Revenue Water
		Water Supplied	Authorized Consumption	Billed Authorized Consumption	Billed Metered Consumption	Revenue Water
				Unbilled Authorized Consumption	Billed Unmetered Consumption	
		Water Losses	Apparent Losses	Unbilled Metered Consumption	Non-revenue Water	
				Unbilled Unmetered Consumption		
				Customer Metering Inaccuracies		
			Real Losses	Unauthorized Consumption		
				Systematic Data Handling Errors		
				Leakage on Transmission and Distribution Mains		
		Leakage and Overflows at Utility's Storage Tanks				
Leakage on Service Connections up to the Point of Customer Metering						
Water Imported (corrected for known errors)						

*NOTE: All data in volume for the period of reference, typically one year.*

**Figure 1: International Water Association (“IWA”)/American Water Works Association (“AWWA”) Water Balance Table.**

## APPROACH

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In 2022, the IFA, with the assistance of the Indiana Section of the AWWA, conducted water loss audit workshops for utilities and two-day validation training workshops for those interested in becoming a Certified Validator. In total, three water loss audit workshops and three validator training workshops were held, with 86 individuals in attendance. In 2022, 29 people attempted the Indiana Water Loss Audit Validator certification exam and 23 people passed it, resulting in a total number of 179 Indiana Certified Validators.

Upon receipt of each validated water audit, IFA conducted a *completeness* review and contacted utilities and/or their Certified Validators when data was found to be missing. Except in a very few cases, the IFA did not review the *accuracy* of the data provided, since ensuring quality data is the role of the Certified Validator. However, in preparing this state-wide summary, a small number of audits (15) were found to have data well outside acceptable ranges, according to industry standards<sup>1</sup>. In most cases this was due to the physical set up of the infrastructure (e.g., extremely low number of service connections) and not a mishandling of data. These audits were removed from state-wide calculations. All validated audits submitted to the IFA are included in Appendices A and B.

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<sup>1</sup> AWWA Water Audit Reference Dataset (2021). AWWA.

## DISCUSSION OF RESULTS

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### *Key Performance Indicators*

Many utilities want to track their water loss control efforts over time and also want to know how their efforts compare to those of other water utilities. Thus, benchmarks or key performance indicators, are employed.

The AWWA Free Water Audit Software generates a range of key performance indicators, which generally focus on volume (gallons) or cost (dollars).

In December 2020, a new version of the Free Water Audit Software was released. As a result, audits submitted to the IFA in 2020 used version 5.0, while audits submitted in 2022 used version 6.0. There are three significant effects of changing from version 5.0 to 6.0.

First, version 6.0 included updates to make Data Validity Scoring easier, which most users agree it does. Data Validity Scores, which range from 1-100, are a measurement of the confidence in the data provided. The Free Water Audit Software asks questions about each data input, assigns a score per input, and calculates an overall confidence score. It then groups utilities into Tiers (Tiers I – V) based on their scores.

Second, the update included several new key performance indicators, including:

- Unit Total Losses (volume/connection/day)
- Total Loss Cost Rate (dollars/connection/year)

Unit Total Losses is also referred to as “Normalized Water Losses” and is calculated by adding together the existing indicators Unit Apparent Losses and Unit Real Losses.

Total Loss Cost Rate is calculated by adding together Apparent Loss Cost Rate and Real Loss Cost Rate, which are the normalized versions of the financial indicators.

These “normalized” indicators were created to better gauge water loss volumes and costs compared to percentage-based indicators, such as percent water loss. The AWWA Water Loss Committee argues that percentage-based indicators are “technically weak”<sup>2</sup> because, like any percentage, they are easily changed by adjusting another variable in the percentage equation. In the instance of percent water loss by the volume of water supplied, that variable can be customer consumption levels. See the below case study that further explains this scenario.

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<sup>2</sup> Key Performance Indicators for Non-revenue Water, AWWA Water Loss Control Committee Report (2019). AWWA.



Despite the use of normalized indicators, it is important to note that there is not a single universally accepted key performance indicator that is capable of “summing up” how well a utility is doing at its water loss control efforts. Instead, the AWWA Water Loss Committee recommends utilities use a “suite” of indicators<sup>3</sup>, which are listed and explained in *Table 1: 2020 AWWA Water Audit Method – Water Audit Outputs and Key Performance Indicators: Uses and Limitations*<sup>4</sup>. Used together, these indicators can more effectively guide a utility to improve its water loss control efforts in contrast to evaluating only percent water lost.

Even with a suite of key performance indicators, it is complicated for a utility to compare itself to others when using benchmarks that rely on compiled data. The databases of compiled audit data are relatively young and not particularly robust, leaving only a few choices. Over time as more utilities complete an audit, benchmark datasets will improve. For now, the options are:

1. The version 6.0 AWWA Free Water Audit Software, which calculates medians and percentiles for the normalized volume and cost indicators. These also break out Apparent and Real Loss for both volume and cost. The dataset on which these benchmarks are created is a compilation of about 1,100 audits from California, Georgia, and the Canadian province of Quebec from 2018.<sup>5</sup> See Figure 2.
2. Another source of water loss control benchmark data is an AWWA report titled, 2021 AWWA Benchmarking: Performance Management for Water and Wastewater.<sup>6</sup> This dataset includes responses from less than 50 utilities but distinguishes responses by US EPA region and population served.
3. This report serves as another source of benchmark data. The results section includes an evaluation of the following key performance indicators:
  - a. Total Volume of Non-revenue Water (gallons)
  - b. Unit Real Losses (gallons/service connection/day)
  - c. Unit Apparent Losses (gallons/service connection/day)
  - d. Total Cost of Non-revenue Water (dollars)
  - e. Real Loss Cost Rate (dollars/service connection/year)
  - f. Apparent Loss Cost Rate (dollars/service connection/year)
  - g. Average Data Validity Score (1-100)

The dataset from this report includes responses from 418 utilities that are solely located in Indiana and evaluates key performance indicators based on utility size.

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<sup>3</sup> Committee Report: Key Performance Indicators for Nonrevenue Water—AWWA’s 2020 Position (2020). AWWA Water Loss Control Committee.

<sup>4</sup> AWWA Free Water Audit Software, version 6.0 (2020). AWWA.

<sup>5</sup> AWWA Water Audit Reference Dataset (2021). AWWA.

<sup>6</sup> AWWA Benchmarking: Performance Management for Water and Wastewater (2022). AWWA.

At the end of this report, Appendix A lists the Volume of Non-revenue Water (gallons) and Cost of Non-revenue Water (dollars) for each utility that submitted an audit.

Appendix B, on the other hand, is a separate, Excel-based dataset that is a compilation of the submitted water audit data.

## CASE STUDY - EXAMPLETOWN

Method 1: Percent Lost Water	
<u>2020</u>	<u>2021</u>
· 250 MG Authorized Consumption	· 225 MG Authorized Consumption
· 270 MG Supplied	· 245 MG Supplied
· 20 MG Non-Revenue Water	· 20 MG Non-Revenue Water
· 15 MG Real Loss	· 15 MG Real Loss
· <b>5.6% Real Loss as % of Supply</b>	· <b>6.1% Real Loss as % of Supply</b>

Method 2: Normalized Real Water Loss	
<u>2020</u>	<u>2021</u>
· 15 MG Real Loss	· 15 MG Real Loss
· 50,000 Connections	· 50,000 Connections
· <b>0.8 gal/connection/day</b>	· <b>0.8 gal/connection/day</b>

In 2021, Exampletown instituted a water conservation program and as a result, its Authorized Consumption decreased from 2020 to 2021. With less demand, the volume that it supplied also decreased. Unresolved background leaks, responsible for Real Losses, didn't change significantly from 2020 to 2021. However, if the town uses percent Lost Water to assess its water loss control efforts, results will show that Percent Lost Water has increased. Evaluating Normalized Real Water Loss will show the town that Real Loss remains unchanged and give the town a more accurate picture of their water loss control efforts. (Source: Southwest Environmental Finance Center)

2020 AWWA Water Audit Method – Water Audit Outputs and Key Performance Indicators: Uses and Limitations									
Source: AWWA Water Loss Control Committee Report (2020) <sup>1</sup> , with naming conventions updated									
Type	Indicator	Description	Suitable Purposes			Principal Users			
			Assessment	Bench-Marking	Target-Setting		Planning	Tracking	
Attribute	Apparent Loss Volume	Calculated by Free Water Audit Software	✓			✓	Assess loss level	Utility, Regulators	
	Apparent Loss Cost	Calculated by Free Water Audit Software	✓			✓	Assess cost loss level	Utility, Regulators	
	Real Loss Volume	Calculated by Free Water Audit Software	✓			✓	Assess loss level	Utility, Regulators	
	Real Loss Cost	Calculated by Free Water Audit Software	✓			✓	Assess loss cost level	Utility, Regulators	
	Unavoidable Annual Real Loss (UARL)	Calculated by Free Water Audit Software	✓			✓	Reveal theoretical technical low level of leakage	Utility, Regulators	
Volume	Unit Apparent Losses (vol/conn/day)	Strong and understandable indicator for multiple users.	✓	✓	✓	✓	Used for performance tracking and target-setting	Utility, Regulators	
	Unit Real Losses <sup>a</sup> (vol/conn/day)	Strong and understandable indicator for multiple users.	✓	✓	✓	✓	Used for performance tracking and target-setting	Utility, Regulators, Policy Makers	
	Unit Real Losses <sup>b</sup> (vol/pipeline length/day)	Strong and understandable indicator for use by utilities with low connection density.	✓	✓	✓	✓	Data collection and assessment of systems with "low" connection density	Utility, Regulators, Policy Makers	
	Unit Total Losses (vol/conn/day)	Strong and understandable indicator, suitable for high-level performance measurement.	✓				✓	High level indicator for trending analysis. Not appropriate for target-setting or benchmarking	Utilities, Customers
	Infrastructure Leakage Index (ILI)	Robust, specialized ratio KPI; can be influenced by pressure and connection density.	✓	✓			✓	Benchmarking after pressure management is implemented	Utilities
	Apparent Loss Cost Rate (value/conn/year)	Indicators with sufficient technical rigor. Provide the unit financial value of each type of loss, which is useful for planning and assessment of cost efficiency of water loss reduction and control interventions and programs.	✓				✓	Data collection and assessment on AWWA indicators or contextual parameters to use in conjunction with Loss Cost Rates	Utilities, Regulators, Customers
Value	Real Loss Cost Rate (value/conn/year)	Strong indicator of water loss audit data quality, if data has been validated. Tier provides guidance on priority areas of activity.	✓				✓	Assess caliber of data inputs of the water audit	Regulators, Utilities
	Data Validity Tier (DVT)		✓	✓					

Changes from 2020 to 2022

It is important to note default values in version 6.0 of the AWWA Free Water Audit Software were slightly adjusted, which may result in small differences between version 5.0 and version 6.0 data. The differences may be misinterpreted as changes due to water loss control efforts. Caution should be exercised when comparing changes from the 2020 to 2022 results.

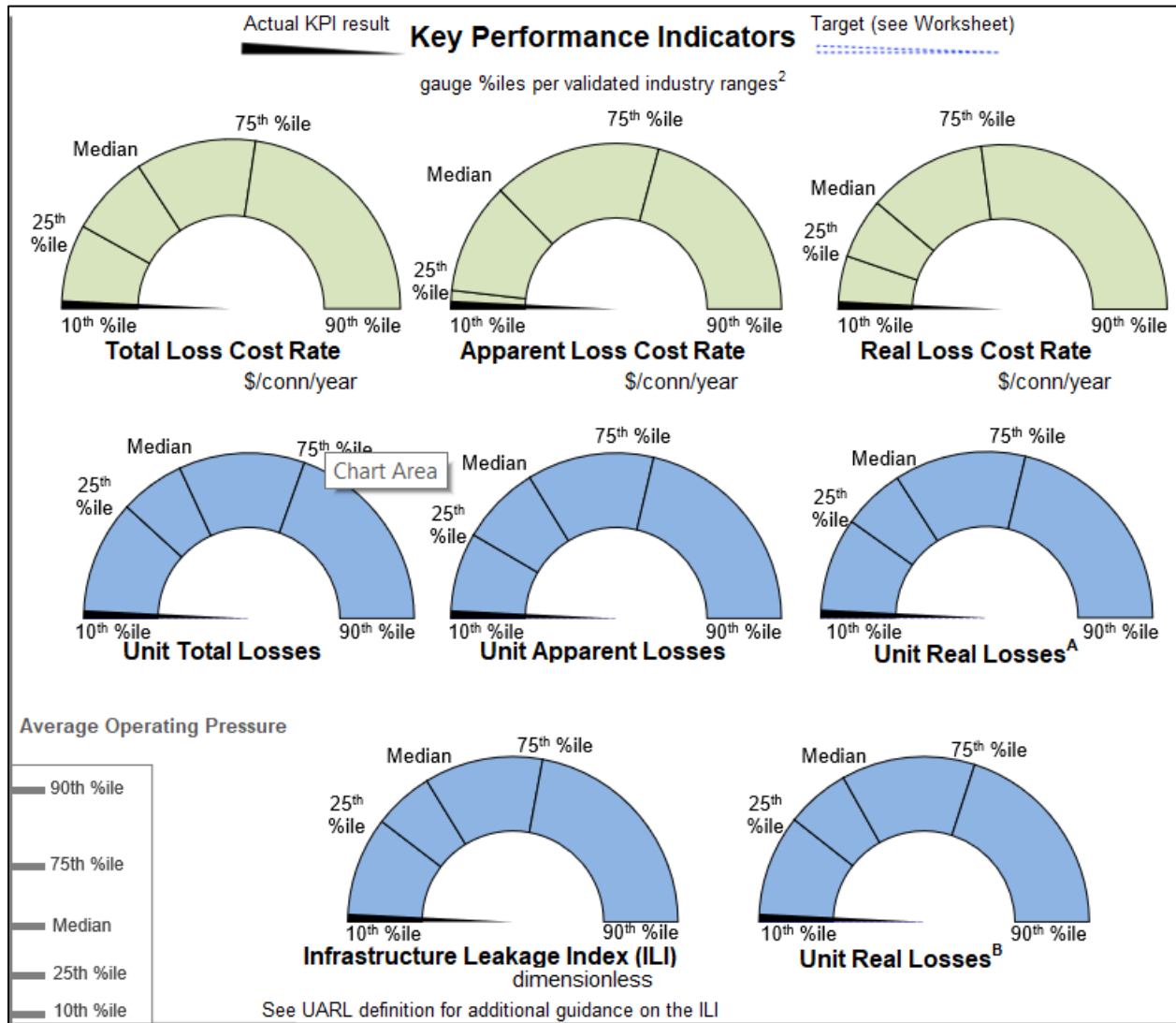
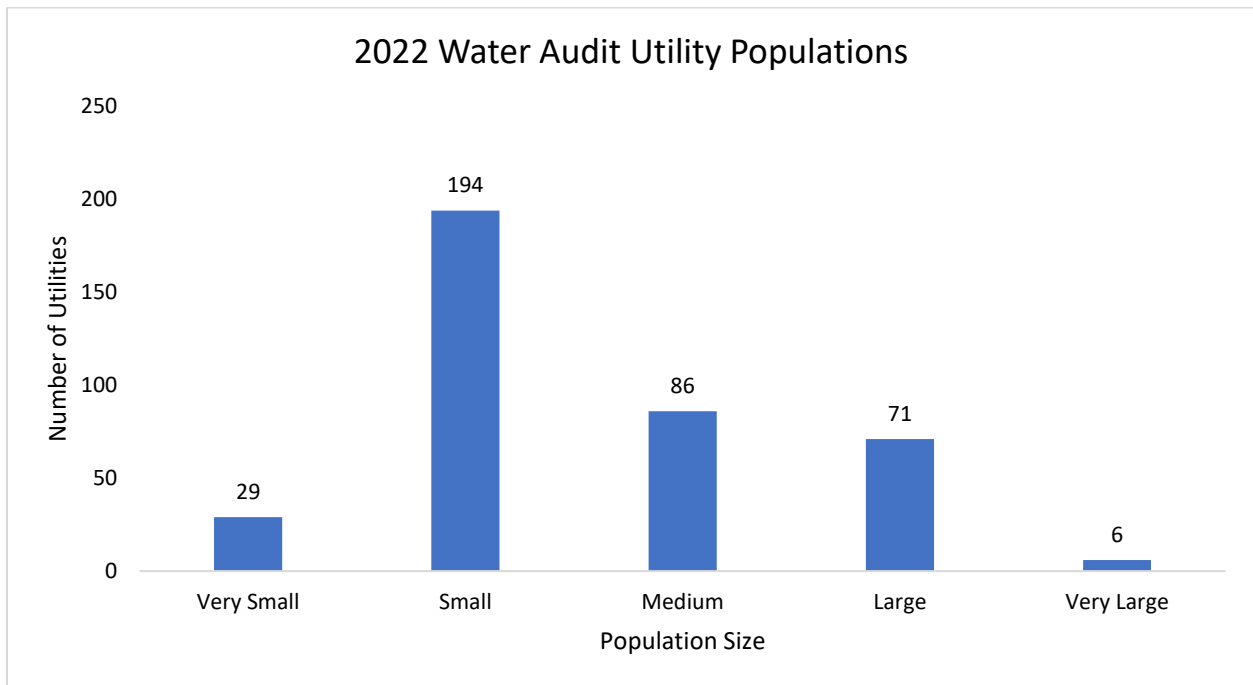


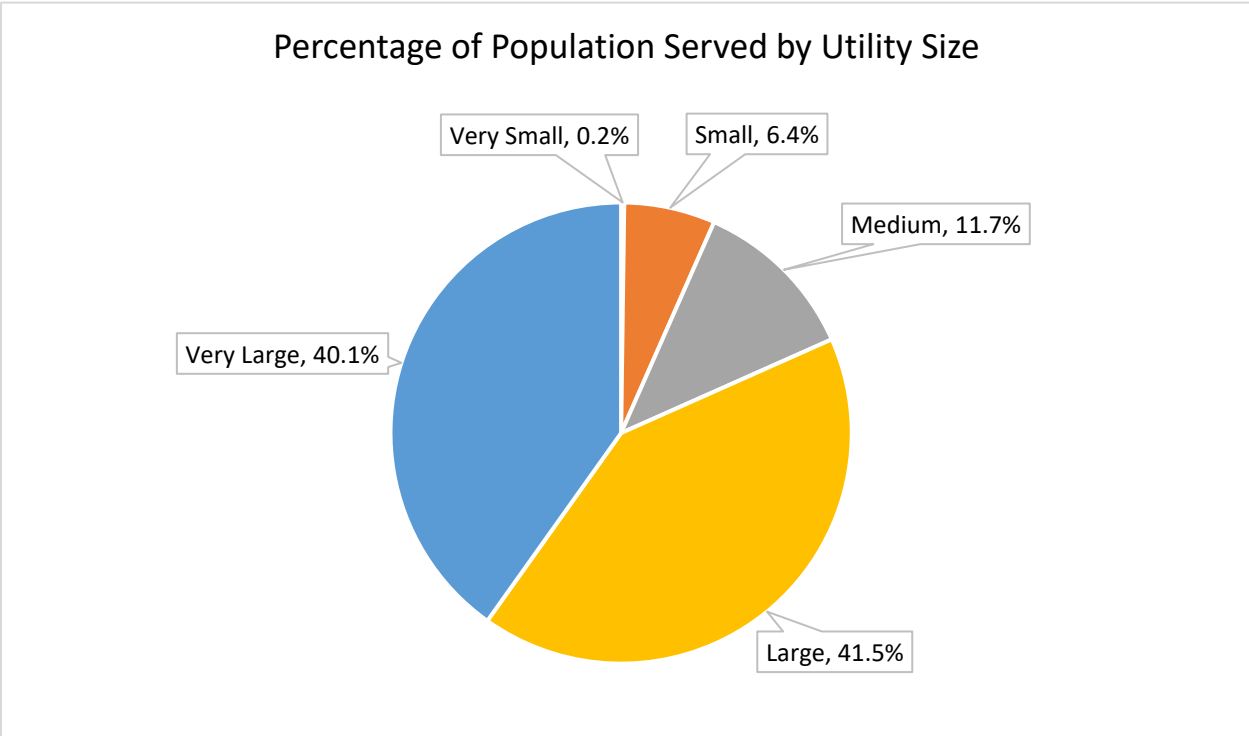
Figure 2: AWWA Free Water Audit Software Key Performance Indicators.

### Utility Population Sizes

In 2022, 418 utilities out of 537 utilities (78% of metered drinking water utilities) submitted a validated water audit. For this analysis, utilities are characterized by their service population as being very small (0-500), small (501-3,300), medium (3,301-10,000), large (10,001-100K), or very large (>101K). The service population is based upon the figures submitted in each individual audit. Figure 3 illustrates the breakdown of how many utilities are present in each population size category. Figure 4 provides context for the percentage of people served by the utilities who submitted an audit. These population categories will be referenced throughout the report.



**Figure 3: Number of utilities by their population size.**



**Figure 4: The percentage of the population served by the 2022 audits by population size.**

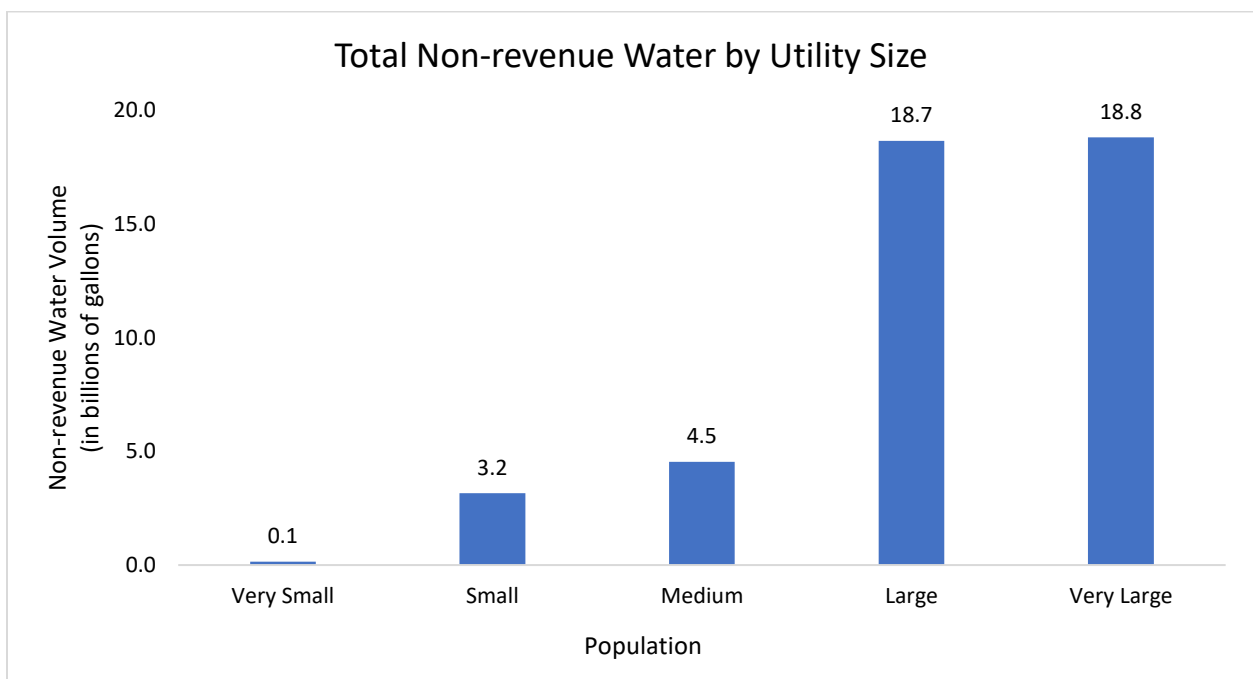
While Figure 3 demonstrates that more than 75% of 2022 audits were submitted by utilities who serve less than 10,000 people, Figure 4 shows the audits submitted by the Large and Very Large systems serve greater than 80% of the population represented by the 2022 audits.

### Volume of Non-revenue Water

Non-revenue water is defined as produced water which does not generate income for the utility. Specifically, non-revenue water consists of Real Losses from physical leaks; Apparent Losses from improperly measured or recorded customer water consumption; and Unbilled Authorized consumption, such as “free” water provided to a municipal building, for example.

$$\text{Real Losses} + \text{Apparent Losses} + \text{Unbilled Authorized Consumption} = \text{Non-revenue Water}$$

Figure 5 illustrates how the total volume of non-revenue water changes based on the size of the utility.



**Figure 5: Total volume non-revenue water by population in billions of gallons.**

In general, non-revenue water increase with the size of the utility. Pipe length and the number of service connections a utility manages are often correlated to Real Losses. As population increases, the number of service connections increases, and length of pipe often increases as well. State-wide non-revenue water totaled 45.3 billion gallons.

### Unit Real Loss (gallons/service connection/day)

Real Losses are the physical losses of treated water. For most utilities, leaks account for the greatest portion of real losses. Unit Real Loss is Real Loss normalized by number of service connections by day.

Figure 6, a distribution of Unit Real Loss values, illustrates the range of data received. Approximately half of the utilities reported having a Real Loss between 0-39 gallons/connection/day, with an overall average Real Loss of 50 gallons/connection/day. The correlation coefficient of the relationship between Unit Real Loss and Utility Size shows a very weak association.

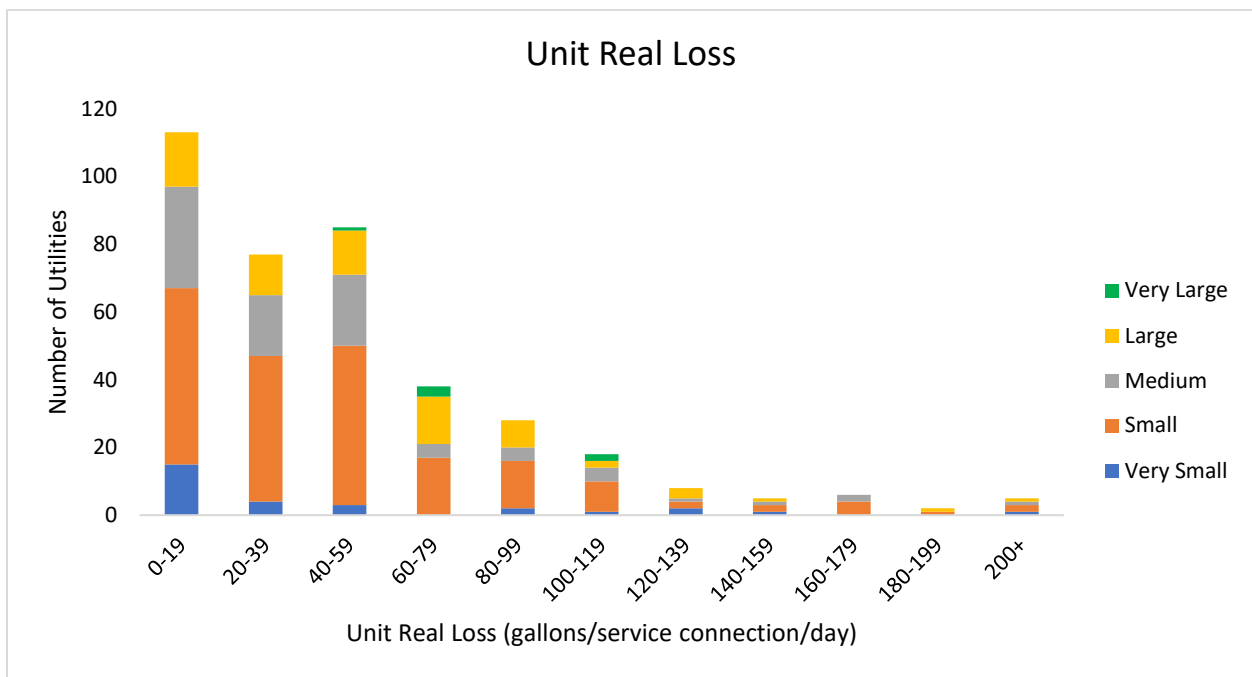


Figure 6: Number of utilities and their population size by volume of Unit Real Loss as reported in service connections per day.

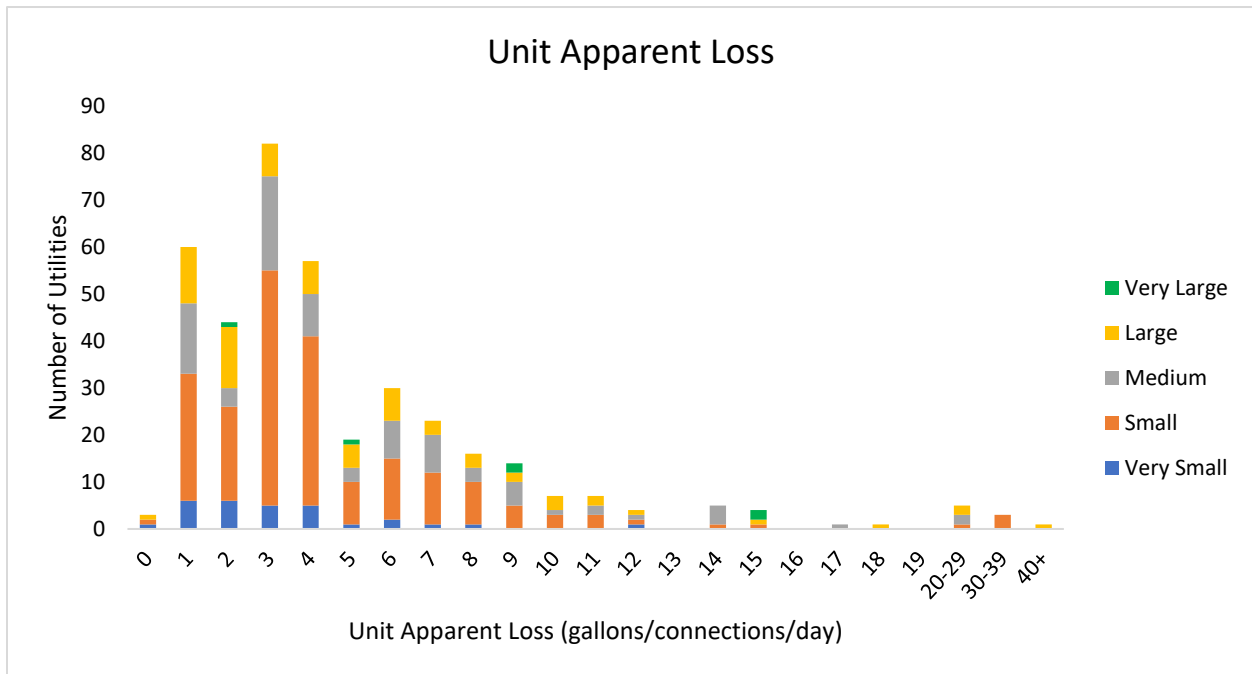


*Unit Apparent Loss (gallons/service connection/day)*

Apparent Losses are the nonphysical losses that occur due to inefficiencies in the measurement, recording, and accounting operations used to track water volumes in a water utility. These losses occur from three primary areas:

1. Systemic data handling errors in tracking customer consumption, particularly in customer billing systems
2. Customer metering inaccuracies
3. Unauthorized consumption

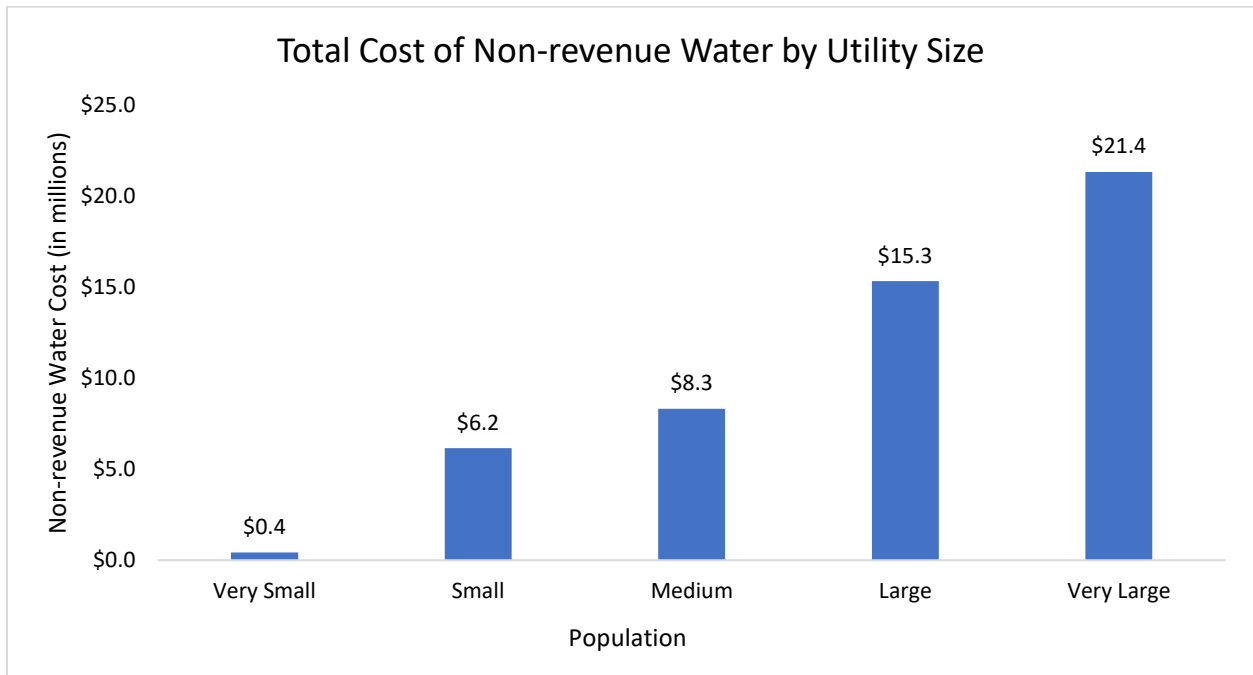
Unit Apparent Loss is Apparent Loss normalized by service connection by day. The average Unit Apparent Loss was 5 gallons/service connection/day, and the most common Unit Apparent Loss categories were 1, 3, or 4 gallons/service connection/day. The correlation coefficient of the relationship between Unit Apparent Loss and Utility Size shows a very weak association. See Figure 7.



**Figure 7: Number of utilities and their population size by volume of Unit Apparent Loss as reported in service connections per day.**

### Cost of Non-revenue Water

The AWWA Free Water Software calculates a cost of non-revenue water based on utility cost information provided in the audit. Figure 8 illustrates the cost of non-revenue water by a utility's service population size.



**Figure 8: Total cost of non-revenue water by population size.**

As expected, the cost is highest in utilities that serve larger communities due to the greater non-revenue volumes. The statewide total cost of non-revenue water is \$51.6 million.

Real Loss Cost Rate (\$/service connection/year)

The Real Loss Cost Rate reflects the value of water lost from the Real Losses per connection over the course of the year. Figure 9 illustrates the distribution of Real Loss Cost Rates.

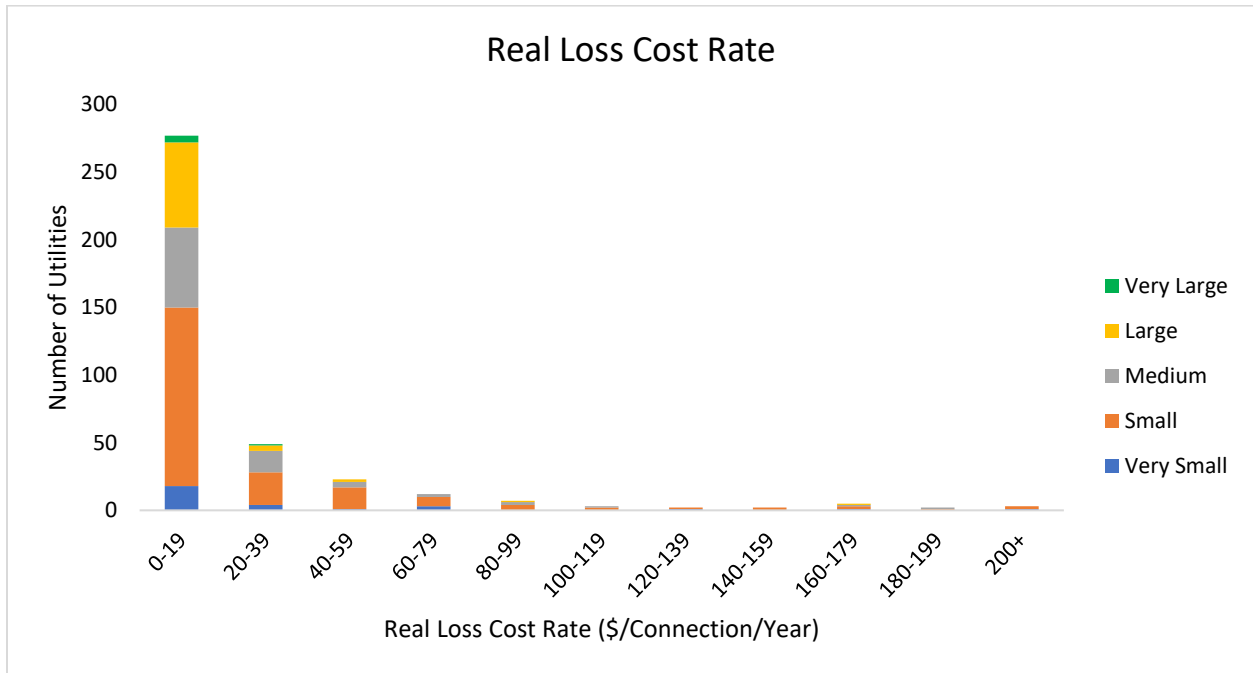
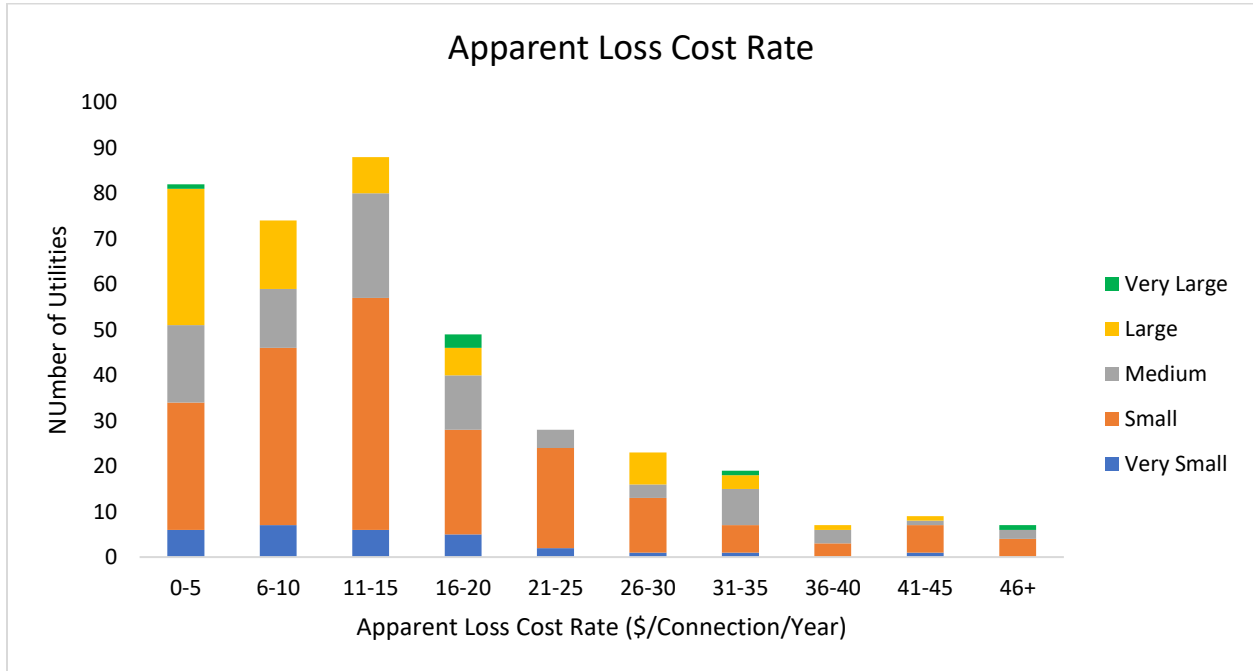


Figure 9: Number of utilities and their population size by value of Real Loss as reported in service connections per year.

The Real Loss Cost Rates are reported to be under \$40/connection/year for most utilities across all population sizes. The overall average is \$22.30/connection/year. The correlation coefficient of the relationship between Real Loss Cost Rate and Utility Size shows a very weak association.

*Apparent Loss Cost Rate (\$/service connection/year)*

The Apparent Loss Cost Rate combines the value of the water lost and the volumetric rate of apparent losses per connection over the course of the year. Like the cost of non-revenue water, the loss cost rate utilizes the utility cost information provided in the audit for determining the value. Figure 10 illustrates the distribution of Apparent Loss Cost Rates.



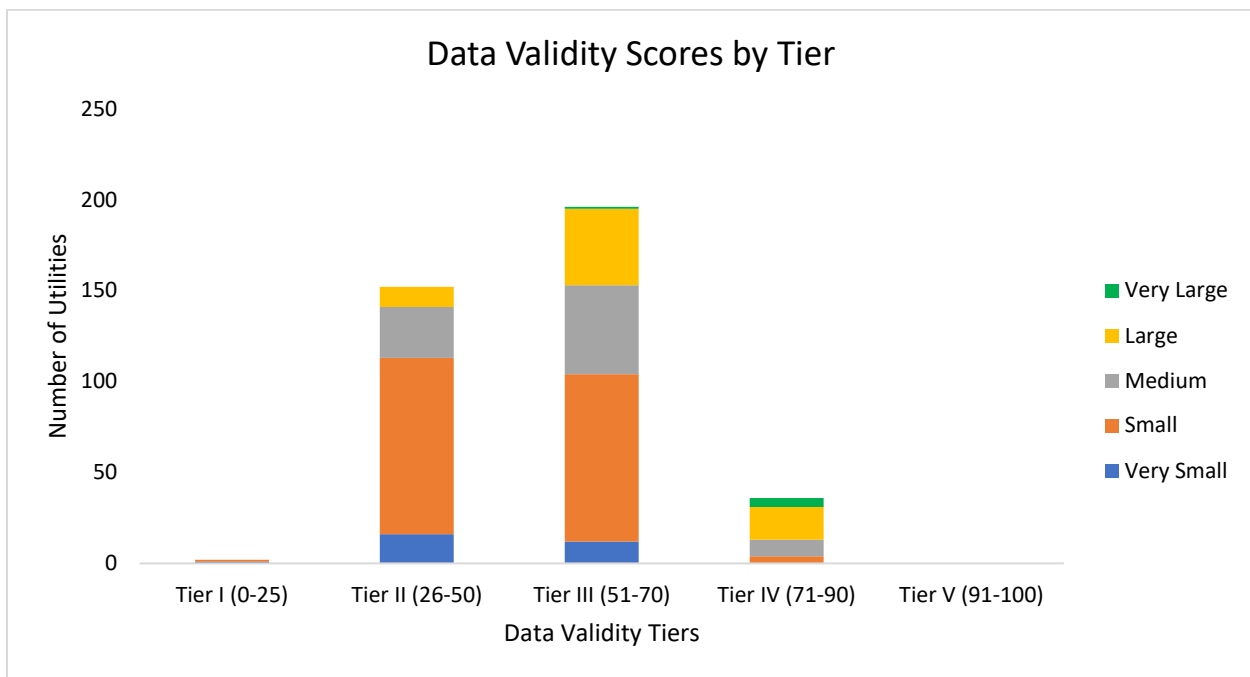
**Figure 10: Number of utilities and their population size by value of Real Loss as reported in service connections per year.**

The Apparent Loss Cost Rate is distributed with most utilities reporting less than \$16/connection/year and an overall average of \$15.10/connection/year. The correlation coefficient of the relationship between Apparent Loss Cost Rate and Utility Size shows a very weak association.

## Data Validity Tiers

Data Validity Scores are a rating of confidence, unique for each data input. The Free Water Audit Software asks upwards of 100 confidence questions<sup>7</sup>, then combines the resulting scores into a single overall Data Validity Score. Based on its overall score, a utility is subsequently categorized into one of five Data Validity Tiers.

A lower Data Validity Score occurs when rough estimates or poorly organized records are used to manage data. Conversely, a high Data Validity Score requires the use of highly accurate record keeping (e.g., a utility who maintains detailed GIS records of the length of water mains in their system).



**Figure 11: Distribution of Data Validity Tiers by utility size.**

Most audits submitted in 2022 had an overall Data Validity Score that placed them within Tier II or Tier III. The statewide average Data Validity Score is 54. The correlation coefficient of the relationship between Data Validity Score and Utility Size shows a moderate association. See Figure 11. This means that there is a modest relationship between a higher Data Validity Score and a larger utility population size.

<sup>7</sup> AWWA Free Water Audit Software v6.0 Interactive Data Grading Matrix (2020). AWWA.

## CONCLUSION

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This report found that, in 2021, Indiana utilities produced over 45.3 billion gallons of water that did not generate revenue, resulting in a financial loss of over \$51.6 million. These statewide statistics are lower than those from 2019<sup>8</sup>, which found that 46.7 billion gallons of non-revenue water resulted in a loss of over \$58.4 million.

This report also found a very weak association between size of a utility and most key performance indicators, except for volume of Non-Revenue Water (gallons) and the cost of Non-Revenue Water (dollars). As expected, non-revenue water volume and cost usually increase with the size of a utility due to the presence of more water. Higher Data Validity Scores show a modest relationship to a larger population. While the cause is unknown, it may be due to a larger utility's economy of scale driving its ability to have more oversight of its data management.

Completing an audit gives all utilities, regardless of size, specific recommendations to reduce water loss and improve operations. Table 2 is an excerpt of a few of the 100 confidence questions from the Free Water Audit Software and their resulting Data Validity Score, plus the criteria for increasing each score. As needed, a utility can convert the criteria into a water loss control action plan.

**Table 2: Excerpt from AWWA Free Water Audit Software v6.0 Interactive Data Grading Matrix**

Question	Data Validity Scores									
	1	2	3	4	5	6	7	8	9	10
Which best describes the frequency of finished water meter readings?				Less frequently than monthly		Once per month		More frequently than monthly, but not every day	Daily	Continuous
How Frequently is unmetered customer consumption estimated?		Annually		Semi-annually		Quarterly		Bi-monthly		Monthly
When was the most recent billing data review by someone who is independent of the utility billing process?								More than 5 years ago or not sure	Between 3 and 5 years ago	Within last 3 years

<sup>8</sup> Water Loss Legislative Report (2020). Indiana Finance Authority.

Lastly, utilities are reminded that it can take a period of 3-5 years of initial data collection and data quality improvement before considering loss reduction target-setting<sup>9</sup>. Data validity is often low when water utilities compile their first water audit, and reasonable time is needed to improve data management and collection processes to elevate the quality of the water audit data.

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<sup>9</sup> Key Performance Indicators for Non-revenue Water, AWWA Water Loss Control Committee Report (2019). AWWA.

PWIS ID	Name	City	Submitted an Audit?	Non-revenue Water (million gallons/year)	Cost of Non-revenue Water (dollars/year)
IN5258001	Aberdeen Pate Water Company, Inc.	Aurora	Yes	33.01	\$45,126
IN5206001	Advance Water Utility	Advance	Yes	2.99	\$2,760
IN5225001	Akron Water Department	Akron	Yes	7.86	\$8,807
IN5218001	Albany, Town of	Albany	Yes	65.76	\$35,853
IN5257001	Albion Water & Sewer	Albion	No	Unknown	Unknown
IN5248001	Alexandria Water Department	Alexandria	Yes	125.98	\$79,768
IN5214001	Alfordsville Water Utility	Alfordsville	Yes	0.33	\$4,218
IN5204001	Ambia Water Department	Ambia	No	Unknown	Unknown
IN5270003	Anderson township reg sewer district	Milroy	Yes	3.80	\$6,274
IN5248002	Anderson Water Department	Anderson	Yes	1,712.84	\$1,065,076
IN5235001	Andrews, Town of	Andrews	Yes	12.57	\$77,847
IN5262003	And-Tro Water Authority - District #2	Tell City	Yes	9.17	\$39,248
IN5262001	And-Tro Water Authority District #1	Tell City	Yes	14.41	\$59,465
IN5276001	Angola Water Works	Angola	Yes	79.41	\$44,060
IN5271018	Aqua Indiana - Wedgewood Park Water Util	Valparaiso	No	Unknown	Unknown
IN5245017	Aqua Indiana Water Company	Kreitzburg	No	Unknown	Unknown
IN5229001	Arcadia Water Department	Arcadia	Yes	13.11	\$20,018
IN5250001	Argos Municipal Water Plant	Argos	No	Unknown	Unknown
IN5276002	Ashley, Town of	Ashley	Yes	11.34	\$11,612
IN5229002	Atlanta Water Department	Atlanta	No	Unknown	Unknown
IN5223001	Attica Water Utility	Attica	Yes	119.82	\$30,957
IN5217001	Auburn, City of	Auburn	Yes	150.99	\$111,694
IN5215001	Aurora Utilities	Aurora	Yes	40.85	\$41,761
IN5257002	Avilla, Town of	Avilla	Yes	17.54	\$11,925
IN5253001	B&B Water Project Inc.	Bloomington	Yes	59.05	\$145,234
IN5267001	Bainbridge Water Works	Bainbridge	No	Unknown	Unknown
IN5241001	Bargersville Water Department	Bargersville	Yes	130.32	\$261,340
IN5269001	Batesville Water & Gas Utility	Batesville	Yes	73.81	\$112,976
IN5279002	Battle Ground Conservancy District	Battle Ground	Yes	38.22	\$81,944
IN5260001	BBP Water Corporation	Spencer	Yes	171.75	\$442,319
IN5247001	Bedford City Utilities	Bedford	Yes	216.82	\$14,807
IN5201001	Berne Water Department	Berne	No	Unknown	Unknown
IN5242001	Bicknell Municipal Utilities	Bicknell	No	Unknown	Unknown
IN5267002	Big Walnut Water Company	Greencastle	No	Unknown	Unknown
IN5219001	Birdseye, Town of	Birdseye	Yes	7.11	\$23,326
IN5261001	Bloomington Water Works	Bloomington	No	Unknown	Unknown
IN5253002	Bloomington	Bloomington	Yes	1,110.94	\$1,026,784
IN5213006	Blue River Regional Water District	Milltown	No	Unknown	Unknown
IN5290001	Bluffton Water Department	Bluffton	Yes	133.77	\$190,213
IN5287001	Boonville Water Utility	Boonville	Yes	54.91	\$81,640
IN5210002	Borden Tri-County Regional Water District	Borden	Yes	70.50	\$220,523
IN5204002	Boswell Water Department	Boswell	No	Unknown	Unknown
IN5250002	Bourbon, Town of	Bourbon	Yes	22.81	\$14,686
IN5211001	Brazil Water Works	Brazil	Yes	252.26	\$593,215
IN5250003	Bremen, Town of Water Department	Bremen	Yes	64.62	\$280,927
IN5220003	Bristol Utilities*	Bristol	Yes	3.88	\$3,038
IN5256002	Brook Water Utility	Brook	Yes	0.96	\$924
IN5255002	Brooklyn Water Works	Brooklyn	No	Unknown	Unknown
IN5291002	Brookston Water Utility	Brookston	Yes	20.64	\$20,167
IN5224001	Brookville Water Works	Brookville	Yes	28.94	\$173,357

\* Utility removed from statewide calculations.



IN5207001	Brown County Water Utility, Inc.	Morgantown	Yes		155.25	\$221,268
IN5232002	Brownsburg Water Works	Brownsburg	Yes		96.96	\$138,838
IN5242003	Bruceville Water Utility	Bruceville	Yes		14.08	\$50,078
IN5252003	Bunker Hill Water Utility	Bunker Hill	Yes		1.35	\$9,902
IN5240001	Burnt Pines Water	North Vernon	Yes		2.30	\$13,049
IN5217003	Butler water department	Butler	Yes		18.68	\$20,415
IN5289002	Cambridge City Municipal Water Works	Cambridge City	Yes		9.99	\$13,138
IN5208001	Camden Water Works	Camden	Yes		8.29	\$14,291
IN5288001	Campbellsburg Water Works	Campbellsburg	No	Unknown		Unknown
IN5239001	Canaan Utilities	Canaan	Yes		25.37	\$59,334
IN5262002	Cannelton Utilities	Cannelton	Yes		9.39	\$20,713
IN5211002	Carbon Water Works	Carbon	Yes		13.49	\$157,463
IN5277001	Carlisle Water Department	Carlisle	No	Unknown		Unknown
IN5229024	Carmel Clay Utility*	Carmel	Yes	Not Calculable		Not Calculable
IN5229004	Carmel, City of Water Utility	Carmel	Yes		264.93	\$221,751
IN5270001	Carthage Water Department	Carthage	No	Unknown		Unknown
IN5260002	Cataract Lake Water Corp	Cloverdale	Yes		10.25	\$19,053
IN5283002	Cayuga Water Department	Cayuga	No	Unknown		Unknown
IN5245047; IN5245067	Cedar Lake Municipal Utility	Cedar Lake	Yes		13.71	\$27,737
IN5211003	Center Point Water Works	Center Point	Yes		5.08	\$1,032
IN5289003	Centerville, Town of	Centerville	Yes		18.57	\$39,598
IN5291003	Chalmers	Chalmers	Yes		5.81	\$8,881
IN5287002	Chandler Water Works Department	Chandler	No	Unknown		Unknown
IN5248004	Chesterfield Water Department	Chesterfield	No	Unknown		Unknown
IN5274001	Chrisney Water Department	Chrisney	Yes		5.71	\$37,976
IN5292003	Churubusco Water Treatment Plant	Churubusco	Yes		45.74	\$41,361
IN5229005	Cicero, Town of Utilities	Cicero	Yes		40.70	\$28,494
IN5249004; IN5255019	Citizens Water - Indianapolis/Morgan	Indianapolis, Martinsville	Yes		8,616.20	\$11,692,200
IN5229009	Citizens Water of Westfield, LLC	Westfield	Yes		272.18	\$758,747
IN5279006	Clarkshill, Town of	Clarkshill	Yes		7.23	\$5,918
IN5211004	Clay City Water Works	Clay City	No	Unknown		Unknown
IN5243002	Claypool, Town of	Claypool	Yes		3.34	\$5,225
IN5283003	Clinton Township Water	Clinton	Yes		21.81	\$20,031
IN5283004	Clinton Water Utility	Clinton	Yes		81.57	\$41,196
IN5267003	Cloverdale, Town of	Cloverdale	Yes		28.28	\$37,430
IN5212001	Colfax, Town of	Colfax	Yes		7.28	\$15,049
IN5292004	Columbia City Water	Columbia City	Yes		81.02	\$64,815
IN5203002	Columbus City Utilities	Columbus	Yes		735.36	\$298,674
IN5221001	Connersville Utilities	Connersville	Yes		448.56	\$124,895
IN5252006	Converse Water Works	Converse	No	Unknown		Unknown
IN5207004	Cordry-Sweetwater Conservancy District	Nineveh	Yes		26.35	\$122,615
IN5217008	Corunna Water Utility	Corunna	No	Unknown		Unknown
IN5231001	Corydon Water Works	Corydon	No	Unknown		Unknown
IN5223002	Covington Water Department	Covington	No	Unknown		Unknown
IN5251002	Crane Water Works	Crane	No	Unknown		Unknown
IN5213001	Crawford County Water Company Inc.	Marengo	Yes		19.64	\$213,859
IN5257004	Cromwell Water Works	Cromwell	Yes		2.05	\$10,695
IN5236001	Crothersville, Town of UTILITIES	Crothersville	Yes		21.07	\$33,384
IN5245008	Crown Point Public Works	Crown Point	Yes		68.65	\$641,620
IN5245046	Cuii - Twin Lakes Utilities, Inc.	Crown Point	No	Unknown		Unknown
IN5237002	Cuii - Water Service Company	Demotte	No	Unknown		Unknown
IN5250005	Culver, Town of	Culver	Yes		49.48	\$32,640
IN5265004	Cynthiana Water Works	Cynthiana	Yes		1.99	\$11,907
IN5274002	Dale Water Works	Dale	Yes		10.17	\$48,750
IN5218027	Daleville (Town Of)	Daleville	No	Unknown		Unknown
IN5283005	Dana Water Works	Dana	No	Unknown		Unknown

\* Utility removed from statewide calculations.

IN5232004	Danville Water Department	Danville	Yes		45.65	\$56,430
IN5254003	Darlington Water	Darlington	Yes		4.44	\$8,037
IN5214002	Daviess County Rural Water Sys, Inc.	Washington	Yes		31.78	\$121,530
IN5279021	Dayton Water	Dayton	Yes		3.29	\$12,238
IN5216008	Decatur County Rural Water Corporation	Greensburg	Yes		2.53	\$34,068
IN5201002	Decatur, City of	Decatur	Yes		48.98	\$130,450
IN5242004	Decker Water Works	Decker	No	Unknown		Unknown
IN5208002	Delphi Water Works	Delphi	Yes		22.08	\$18,527
IN5215002	Dillsboro Water Utility	Dillsboro	Yes		9.33	\$38,504
IN5289005	Dublin Municipal Waterworks	Dublin	Yes		11.44	\$12,919
IN5219002	Dubois Water Utilities Inc.	Dubois	Yes		74.14	\$253,989
IN5219003	Duff Water Corporation	Huntingburg	No	Unknown		Unknown
IN5277002	Dugger, Town of	Dugger	Yes		13.07	\$43,255
IN5238001	Dunkirk, City of	City of Dunkirk	Yes		102.79	\$78,436
IN5240004	Dupont Water Company	Dupont	No	Unknown		Unknown
IN5245011	Dyer, Town of	Dyer	Yes		47.27	\$59,584
IN5204003	Earl Park Municipal Water Utility	Earl Park	Yes		0.82	\$3,699
IN5245012	East Chicago Water Works	East Chicago	Yes		976.26	\$1,411,320
IN5251004	East Fork Water, Inc.	Shoals	Yes		32.31	\$49,725
IN5247002	East Lawrence Water Authority	Bedford	Yes		63.10	\$213,494
IN5253003	East Monroe Water Corporation	Bloomington	Yes		22.51	\$70,175
IN5288002	East Washington Rural Water	Salem	Yes		48.67	\$202,409
IN5203004	Eastern Bartholomew Water Corporation	Taylorsville	Yes		26.39	\$64,829
IN5228003	Eastern Heights Utilities	Bloomfield	Yes		125.79	\$87,477
IN5218006	Eaton, Town of	Eaton	Yes		48.19	\$21,242
IN5248006	Edgewood Water Department	Edgewood	No	Unknown		Unknown
IN5241002	Edinburgh Water Utility	Edinburgh	Yes		39.77	\$81,890
IN5242005	Edwardsport Water Utility	Edwardsport	No	Unknown		Unknown
IN5222001	Edwardsville Water Corporation	Georgetown	Yes		87.08	\$69,465
IN5287003	Elberfeld Utilities	Elberfeld	Yes		2.89	\$19,414
IN5220008	Elkhart Public Works and Utilities	Elkhart	Yes		110.86	\$97,861
IN5253004	Ellettsville Utilities	Ellettsville	Yes		58.97	\$147,997
IN5228001	Ellis Water Company, INC.	Linton	Yes		8.80	\$38,664
IN5214003	Elnora Water Works	Elnora	Yes		1.25	\$4,445
IN5248007	Elwood Water	Elwood	Yes		206.11	\$145,865
IN5213002	English Water Works	English	No	Unknown		Unknown
IN5243003	Etna Green, Town of	Etna Green	Yes		12.77	\$3,987
IN5282002	Evansville Water & Sewer Utility*	Evansville	Yes		713,283.00	\$3,286,248,769
IN5221002	Everton Water Corporation	Connersville	Yes		11.65	\$13,080
IN5227005	Fairmount Water Utility	Fairmount	Yes		46.04	\$21,821
IN5283006	Fairview Park Water Utility	Fairview Park	Yes		7.80	\$44,217
IN5268002	Farmland Municipal Water Works	Farmland	Yes		1.03	\$2,033
IN5244001	Fawn River Crossing*	Howe	Yes		3.45	\$14,642
IN5284002	Fayette Township Water	New Goshen	Yes		14.16	\$13,916
IN5219004	Ferdinand Water	Ferdinand	Yes		10.10	\$42,949
IN5274003	Finch Newton Water, Inc.	Chrisney	Yes		14.12	\$44,913
IN5208003	Flora Water Utility	Flora	Yes		17.50	\$18,790
IN5222002	Floyds Knobs Water Company, Inc.	Floyds Knobs	No	Unknown		Unknown
IN5226001	Fort Branch Water Department	Fort Branch	Yes		22.35	\$59,762
IN5202020	Fort Wayne City Utilities	Fort Wayne	Yes		3,853.40	\$6,423,397
IN5202012	Fort Wayne City Utilities - Honeysuckle	Fort Wayne	Yes		3.51	\$2,995
IN5230003	Fortville Water Works	Fortville	Yes		31.14	\$43,118

\* Utility removed from statewide calculations.

IN5289006	Fountain City Water Works	Fountain City	No	Unknown	Unknown
IN5204006	Fowler, Town of	Fowler	Yes	11.90	\$21,568
IN5266001	Francesville, Town of	Francesville	Yes	9.02	\$20,180
IN5226002	Francisco Water Department	Francisco	Yes	3.93	\$23,568
IN5212003	Frankfort Water Works	Frankfort	Yes	194.65	\$124,109
IN5224002	Franklin County Water Association Inc.	Brookville	Yes	26.64	\$58,100
IN5248008	Frankton Water Works	Frankton	Yes	22.98	\$23,317
IN5242006	Freelandville Water Association	Freelandville	Yes	5.05	\$12,154
IN5276006	Fremont Water Department	Fremont	Yes	4.86	\$11,815
IN5209003	Galveston Public Water Works	Galveston	Yes	17.04	\$13,523
IN5217004	Garrett Water Utility	Garrett	Yes	36.40	\$88,879
IN5227006	Gas City Water Department	Gas City	No	Unknown	Unknown
IN5218008	Gaston Water Works	Gaston	No	Unknown	Unknown
IN5230008	Gem Utilities - NineStar Connect	Greenfield	Yes	3.83	\$7,536
IN5201003	Geneva Water Department	Geneva	No	Unknown	Unknown
IN5274004	Gentryville Water	Gentryville	Yes	9.48	\$57,695
IN5282003	German Township Water District Inc.	Evansville	No	Unknown	Unknown
IN5226009	Gibson Water Authority	Haubstadt	Yes	29.60	\$128,499
IN5270002	Glenwood Water Works	Glenwood	Yes	1.04	\$3,687
IN5256003	Goodland, Town of	Goodland	Yes	11.53	\$21,961
IN5220009	Goshen Water Utility	Goshen	No	Unknown	Unknown
IN5260003	Gospport Water Utility	Gospport	Yes	9.18	\$13,963
IN5202006	Grabill Water Utility	Grabill	Yes	19.86	\$8,146
IN5274005	Grandview Municipal Water Utility	Grandview	Yes	0.77	\$9,997
IN5213003	Grantsburg Rural Water Company	English	No	Unknown	Unknown
IN5267004	Greencastle Utility	Greencastle	Yes	105.08	\$86,680
IN5215003	Greendale, City of	Greendale	Yes	37.84	\$55,500
IN5230004	Greenfield Water Utility	Greenfield	Yes	35.86	\$124,227
IN5216002	Greensburg Water Works	Greensburg	Yes	160.37	\$182,340
IN5234006	Greentown, Town of	Greentown	Yes	8.74	\$6,166
IN5222004	Greenville Water Utility	Greenville	Yes	23.59	\$101,111
IN5245019	Griffith Public Works Department	Griffith	Yes	308.44	\$443,594
IN5289008	Hagerstown Municipal Water Works	Hagerstown	No	Unknown	Unknown
IN5276023	Hamilton Water Department	Hamilton	Yes	21.71	\$19,715
IN5275001	Hamlet Water Works	Hamlet	Yes	7.91	\$35,951
IN5245020	Hammond Water Works Department	Hammond	Yes	1,140.83	\$230,456
IN5239003	Hanover Water Department	Hanover	No	Unknown	Unknown
IN5205002	Hartford City Water Works	Hartford City	No	Unknown	Unknown
IN5226003	Haubstadt Water Department	Haubstadt	Yes	11.54	\$64,879
IN5240005	Hayden Water Association	North Vernon	No	Unknown	Unknown
IN5226004	Hazelton Water Department	Hazelton	No	Unknown	Unknown
IN5264009	Hebron Water Department	Hebron	Yes	20.79	\$29,760
IN5245021	Highland Water Works	Highland	Yes	146.54	\$165,552
IN5255021	Hill Water Corporation	Mooreville	Yes	41.07	\$73,161
IN5223003	Hillsboro Water Utility	Hillsboro	No	Unknown	Unknown
IN5283007	Hillsdale Water Corporation	Hillsdale	No	Unknown	Unknown
IN5215005	Hogan Water Corporation	Aurora	Yes	17.80	\$59,174
IN5219006	Holland, Town of*	Holland	Yes	(0.39)	\$6,652
IN5269008	Holton Community Water Corporation	Holton	Yes	21.45	\$93,462
IN5269002	Hoosier Hills Regional Water District	Milan	Yes	103.95	\$137,323
IN5203006	Hope, Town of	Hope	Yes	24.02	\$67,151
IN5276022	Hudson Water Works	Hudson	No	Unknown	Unknown
IN5202007	Huntertown, Town of	Huntertown	Yes	43.33	\$70,969

\* Utility removed from statewide calculations.

IN5219007	Huntingburg, City of	Huntingburg	Yes	34.30	\$76,659
IN5235005	Huntington Water Department	Huntington	No	Unknown	Unknown
IN5277004	Hymera Water	Hymera	Yes	6.23	\$11,395
IN5245057	In Water Services, Inc.	Merrillville	No	Unknown	Unknown
IN5254005; IN5254012	Indiana American Water - Crawfordsville	Crawfordsville, Waveland	Yes	139.56	\$51,500
IN5241005	Indiana American Water - Johnson County	Greenwood, Franklin	Yes	276.84	\$167,769
IN5234007; IN5229014; IN5234008	Indiana American Water - Kokomo	Kokomo, Sheridan, Russiaville	Yes	553.92	\$301,059
IN5255006	Indiana American Water - Mooresville	Mooresville	Yes	26.54	\$15,144
IN5218012	Indiana American Water - Muncie	Muncie	Yes	598.98	\$368,499
IN5287004; IN5287008	Indiana American Water - Newburgh	Newburgh, Yankeetown	Yes	101.98	\$68,141
IN5229015	Indiana American Water - Noblesville	Noblesville	Yes	65.95	\$67,775
IN5245015	Indiana American Water - Northwest	Burns Harbor, Chesterton, Crown Point, Gary, Griffith, Hobart, Lake Station, Merrillville, Portage, Porter, Valparaiso, Winfield	Yes	3,741.47	\$1,217,499
IN5289012; IN5268003	Indiana American Water - Richmond	Richmond, Winchester	Yes	558.68	\$246,632
IN5236005	Indiana American Water - Seymour	Seymour	Yes	104.71	\$43,231
IN5273002	Indiana American Water - Shelbyville	Shelbyville	Yes	179.92	\$53,698
IN5210005; IN5210003; IN5222003; IN5210022	Indiana American Water - Southern	Jeffersonville, New Albany, Georgetown, Charlestown, Rivers Edge	Yes	1,174.08	\$473,579
IN5284012; IN5277003; IN5261004; IN5277009; IN5277005	Indiana American Water - Terre Haute	Terre Haute, Farmersburg, Mecca, Merom, Sullivan	Yes	587.70	\$189,427
IN5285003; IN5285002; IN5248010	Indiana American Water - Wabash	Wabash, Somerset, Summitville	Yes	160.85	\$55,926
IN5243030	Indiana American Water - Warsaw	Warsaw	Yes	232.33	\$74,237
IN5279020	Indiana American Water - West Lafayette	West Lafayette	Yes	217.67	\$111,060
IN2890907	Indiana Gateway Industrial Park*	Cambridge City	Yes	12.34	\$25,125
IN5248012	Ingalls Water Company	Ingalls	Yes	15.59	\$77,226
IN5219008	Ireland Utilities Inc	Ireland	Yes	7.08	\$61,265
IN5246012	J. B. Water Works, Inc.	LaPorte	No	Unknown	Unknown
IN5236003; IN5236008	Jackson County Water Utility	Brownstown	Yes	117.54	\$212,791
IN5206008	Jamestown Municipal Water*	Jamestown	Yes	(5.07)	\$2,338
IN5228004	Jasonville Water Department	Jasonville	Yes	64.00	\$17,649
IN5219009	Jasper Municipal Water Utility	Jasper	Yes	102.83	\$143,521
IN5240002	Jennings Northwest Regional Utilities	North Vernon	Yes	16.02	\$92,562
IN5240006	Jennings Water, Inc.	North Vernon	Yes	16.23	\$58,792
IN5227010	Jonesboro Water Utility	Jonesboro	Yes	32.70	\$27,598
IN5257008	Kendallville, City of	Kendallville	Yes	25.50	\$17,900
IN5239004	Kent Water Company	Madison	Yes	32.18	\$31,546
IN5256005	Kentland, Town of	Kentland	Yes	3.50	\$11,123
IN5225003	Kewanna Water Works	Kewanna	Yes	0.76	\$6,197
IN5223004	Kingman, Town of	Kingman	Yes	2.54	\$5,934
IN5246013	Kingsbury Utility Corporation	Kingsbury	No	Unknown	Unknown
IN5246014	Kingsford Heights Water	Kingsford Heights	Yes	20.79	\$137,950
IN5212004	Kirklin, Town of	Kirklin	Yes	13.05	\$11,946
IN5233005	Knightstown Water Utility	Knightstown	Yes	31.47	\$6,913

\* Utility removed from statewide calculations.

IN5211006	Knightsville Water Works	Knightsville	Yes		1.58	\$9,728
IN5242018	Knox County Water, Inc.	Vincennes	Yes		29.17	\$114,170
IN5275002	Knox Water Works	Knox	No	Unknown		Unknown
IN5264013	Kouts Water Works	Kouts	No	Unknown		Unknown
IN5268013	L&M Regional Water District	Lynn	Yes		2.04	\$3,124
IN5246017	La Porte Water Department	La Porte	Yes		185.08	\$94,134
IN5246015	LaCrosse Water Utility	Lacrosse	Yes		2.11	\$7,118
IN5254006	Ladoga, Town of	Ladoga	Yes		4.99	\$5,453
IN5279013	Lafayette Water Works	Lafayette	No	Unknown		Unknown
IN5285004	LaFontaine Water Company	LaFontaine	Yes		6.52	\$13,009
IN5244003	LaGrange Water Works	LaGrange	Yes		73.56	\$51,763
IN5285005	Lagro, Town of	Lagro	Yes		0.67	\$3,062
IN5216003	Lake Santee Rwwd	Greensburg	No	Unknown		Unknown
IN5271008	Lakeville, Town of	Lakeville	Yes		2.87	\$6,082
IN5231003	Lanesville, Town of	Lanesville	Yes		6.76	\$25,855
IN5248013	Lapel Water Works	Lapel	Yes		37.48	\$31,763
IN5224004	Laurel Water Department	Laurel	No	Unknown		Unknown
IN5249005	Lawrence, City of Utilities	Lawrence	Yes		250.72	\$316,957
IN5215006	Lawrenceburg Municipal Utilities	Lawrenceburg	No	Unknown		Unknown
IN5213004	Leavenworth Water	Leavenworth	Yes		1.63	\$26,308
IN5206003	Lebanon Utilities	Lebanon	Yes		72.49	\$127,236
IN5233006	Lewisville Water Works	Lewisville	Yes		3.62	\$4,429
IN5281001	Liberty Water Works	Liberty	Yes		25.46	\$72,586
IN5257010	Ligonier Water Works	Ligonier	Yes		50.97	\$90,824
IN5254007	Linden, Town of Utility	Linden	Yes		7.19	\$5,011
IN5228005	Linton Municipal Water	Linton	Yes		62.27	\$29,974
IN5232026	Lizton Water Utility	Lizton	Yes		10.93	\$16,589
IN5215007	L-M-S Conservancy District	Aurora	Yes		16.91	\$30,518
IN5209012	Logansport Utilities	Logansport	Yes		447.03	\$109,499
IN5246028	Long Beach Water	Long Beach	Yes		2.81	\$9,546
IN5251005	Loogootee Water Works	Loogootee	Yes		11.05	\$18,155
IN5261002	Lyford Water Works	Rosedale	No	Unknown		Unknown
IN5268004	Lynn, Town of	Lynn	Yes		1.45	\$3,247
IN5287006	Lynnville Utilities	Lynnville	Yes		1.62	\$12,103
IN5228006	Lyons Water Utility	Lyons	Yes		1.88	\$6,703
IN5239006	Madison Water Department	Madison	Yes		160.56	\$123,720
IN5292010	Magnolia Place South	Churubusco	No	Unknown		Unknown
IN5255004	Mapleturn Utilities	Martinsville	Yes		16.65	\$19,456
IN5227014	Marion Utilities	Marion	Yes		594.50	\$274,490
IN5235006	Markle Water Utility	Markle	Yes		5.66	\$2,393
IN5261003	Marshall Water Works	Marshall	Yes		2.45	\$12,308
IN5255009	Martinsville Water Utility	Martinsville	Yes		136.99	\$91,916
IN5210006	Marysville Otisco Nabb Water Corporation	Marysville	Yes		30.28	\$114,384
IN5202037	Maysville RWSD	Harlan	Yes		5.88	\$14,594
IN5266003	Medaryville, Town of	Medaryville	Yes		3.28	\$11,899
IN5236004	Medora, Town of	Medora	Yes		0.37	\$4,110
IN5243013	Mentone, Town of	Mentone	Yes		4.39	\$6,337
IN5246020	Michigan City Department Of Water Works	Michigan City	No	Unknown		Unknown
IN5220014	Middlebury Water Department	Middlebury	No	Unknown		Unknown
IN5233008	Middletown, Town of	Middletown	Yes		44.19	\$29,669
IN5269003	Milan, Town of Water Department	Milan	Yes		31.10	\$117,049
IN5243017	Milford, Town of	Milford	Yes		2.08	\$6,237
IN5220015	Millersburg, Town of	Millersburg	Yes		14.71	\$19,308
IN5289011	Milton Water Works	Milton	Yes		13.14	\$7,802
IN5271009	Mishawaka Utilities	Mishawaka	Yes		40.65	\$136,580
IN5247003	Mitchell, City of Utilities	Mitchell	Yes		250.89	\$120,105
IN5291010	Monon Water Works	Monon	Yes		9.97	\$15,718
IN5242008	Monroe City, Town of	Monroe City	Yes		7.22	\$9,330
IN5201004	Monroe, Town of Water Department	Monroe	Yes		6.51	\$17,403
IN5202008	Monroeville Water Works	Monroeville	No	Unknown		Unknown

\* Utility removed from statewide calculations.

IN5261005	Montezuma Municipal Utility	Montezuma	No	Unknown	Unknown
IN5214004	Montgomery Water Works	Montgomery	Yes	2.07	\$28,312
IN5291011	Monticello Water Works	Monticello	Yes	60.93	\$84,695
IN5205004	Montpelier, City of	Montpelier	Yes	21.52	\$15,857
IN5255010	Morgan County Rural Water	Martinsville	Yes	56.35	\$252,184
IN5255011	Morgantown Water Utility	Morgantown	Yes	8.25	\$9,115
IN5256006	Morocco Water Department	Morocco	Yes	13.29	\$20,906
IN5273003	Morristown Water Department	Morristown	Yes	28.26	\$26,373
IN5265006	Mount Vernon Water Works	Mt Vernon	Yes	129.00	\$94,057
IN5233009	Mt Summit, Town of	Mt Summit	Yes	5.14	\$19,260
IN5212005	Mulberry Water Works	Mulberry	Yes	2.25	\$5,381
IN5245031	Munster Utility Department	Munster	Yes	155.54	\$163,448
IN5269007	Napoleon Community Rural Water Corporation	Napoleon	Yes	12.46	\$68,693
IN5220016	Nappanee Water Utility	Nappanee	Yes	50.40	\$39,135
IN5207002	Nashville, Town of	Nashville	Yes	82.98	\$305,987
IN5271011	New Carlisle, Town of	New Carlisle	Yes	16.56	\$32,768
IN5233011	New Castle, City of*	New Castle	Yes	192,677.00	\$85,193,251
IN5245032	New Chicago Water Works	New Chicago	No	Unknown	Unknown
IN5265007	New Harmony	New Harmony	Yes	6.11	\$18,870
IN5202009	New Haven, City of	New Haven	Yes	102.81	\$404,896
IN5254008	New Market Water Works	New Market	Yes	5.28	\$7,692
IN5288004	New Pekin Municipal Utilities	New Pekin	Yes	17.14	\$77,772
IN5254009	New Richmond Water Works	New Richmond	Yes	0.51	\$1,096
IN5228007	Newberry Water Utility	Newberry	Yes	1.11	\$2,400
IN5283008	Newport Water Works	Newport	No	Unknown	Unknown
IN5256009	Newton County Regional Water & Sewer District - Brook*	Brook	Yes	1.80	\$4,537
IN5260806	Newton County Regional Water & Sewer District - Fair Oaks*	Fair Oaks	Yes	36.93	\$51,685
IN5215008	North Dearborn Water Authority	West Harrison	Yes	15.89	\$31,189
IN5275003	North Judson Water Works	North Judson	Yes	12.59	\$22,277
IN5247004	North Lawrence Water Authority	Bedford	Yes	132.12	\$128,746
IN5271010	North Liberty, Town of	North Liberty	Yes	29.31	\$19,604
IN5285009	North Manchester	North Manchester	Yes	31.31	\$146,205
IN5232017	North Salem Water Corp	North Salem	Yes	4.08	\$3,454
IN5240008	North Vernon Water Department	North Vernon	No	Unknown	Unknown
IN5237015	Northwest Jasper Regional Water District	Demotte	Yes	8.23	\$26,191
IN5235004	Norwood Regional Water & Sewage	Huntington	No	Unknown	Unknown
IN5226005	Oakland City Water Department	Oakland City	Yes	19.23	\$100,228
IN5242009	Oaktown Water Works	Oaktown	No	Unknown	Unknown
IN5214005	Odon Water Utilities, Inc.	Odon	No	Unknown	Unknown
IN5264040	Ogden Dunes Water	Ogden Dunes	No	Unknown	Unknown
IN5224006	Oldenburg Water Works	Oldenburg	No	Unknown	Unknown
IN5247005	Oolitic Water Works	Oolitic	Yes	13.02	\$52,352
IN5248017	Orestes, Town of Water Utility	Orestes	Yes	6.96	\$7,322
IN5276027	Orland Water Works	Orland	No	Unknown	Unknown
IN5259003	Orleans Water Department	Orleans	Yes	22.17	\$101,043
IN5269004	Osgood, Town of Water Department	Osgood	Yes	28.11	\$96,434
IN5290002	Ossian, Town of	Ossian	Yes	10.07	\$28,165
IN5204004	Otterbein, Town of	Otterbein	Yes	11.46	\$10,716
IN5263007	Otwell Water Corp. #2	Otwell	No	Unknown	Unknown
IN5263001	Otwell Water Corporation	Otwell	No	Unknown	Unknown
IN5226006	Owensville Water Works	Owensville	Yes	6.01	\$9,166
IN5204005	Oxford, Town of	Oxford	Yes	6.00	\$16,568

\* Utility removed from statewide calculations.

IN5255012	Painted Hills Utility Company	Martinsville	No	Unknown	Unknown
IN5231004	Palmyra Water Works	Palmyra	Yes	19.51	\$58,093
IN5259004	Paoli Water Department	Paoli	Yes	97.28	\$301,462
IN5255013	Paragon Water Works	Paragon	No	Unknown	Unknown
IN2180926	Park One - Yorktown Water Company*	Yorktown	Yes	3.11	\$1,881
IN5268007	Parker City Municipal Utilities	Parker City	Yes	5.95	\$9,431
IN5219012	Patoka Lake Regional Water District	Dubois	Yes	296.48	\$389,365
IN5213007	Patoka Water Company, Inc.	Patoka	No	Unknown	Unknown
IN5226007	Patoka Water Utility	Patoka	Yes	8.49	\$18,650
IN5278001	Patriot Municipal Utilities	Patriot	Yes	95.27	\$286,922
IN5277006	Paxton Water Corporation	Paxton	Yes	14.10	\$14,276
IN5286002	Pence Water Works	Williamsport	No	Unknown	Unknown
IN5248019	Pendleton Water Company	Pendleton	No	Unknown	Unknown
IN5238006	Pennville Water Department	Pennville	Yes	12.57	\$8,625
IN5252016	Peru Utilities	Peru	Yes	191.03	\$106,040
IN5252011	Peru Utilities - Grissom	Peru	Yes	29.15	\$15,481
IN5263002	Petersburg Water Utility	Petersburg	Yes	114.43	\$57,446
IN5230011	Philadelphia Waterworks - NineStar Connect*	Greenfield	Yes	0.34	\$4,901
IN5243018	Pierceton Water Works	Pierceton	No	Unknown	Unknown
IN5263003	Pike-Gibson Water, Inc.	Oakland City	No	Unknown	Unknown
IN5202034	Pioneer Water L.L.C.	LEO	No	Unknown	Unknown
IN5232019	Pittsboro, Town of	Pittsboro	Yes	2.38	\$9,756
IN5232020	Plainfield Water Works	Plainfield	Yes	55.27	\$52,733
IN5221004	Pleasantview Utilities, Inc	Connersville	Yes	1.20	\$5,598
IN5277007	Pleasantville Water Company	Sullivan	Yes	4.28	\$18,517
IN5250010	Plymouth, City of Water Department	Plymouth	Yes	80.05	\$81,842
IN5238007	Portland Municipal Water Plant	Portland	No	Unknown	Unknown
IN5288006	Posey Township Water Corp.	Hardinsburg	No	Unknown	Unknown
IN5265008	Poseyville, Town of	New Harmony	Yes	4.53	\$13,426
IN5241007	Princes Lake Water Department	Princes Lakes	No	Unknown	Unknown
IN5226008	Princeton Water Department	Princeton	Yes	129.09	\$67,327
IN5279015	Purdue University Waterworks	West Lafayette	Yes	699.32	\$74,857
IN5231005	Ramsey Water Company, Inc.	Ramsey	No	Unknown	Unknown
IN5238008	Redkey, Town of	Redkey	Yes	0.97	\$6,945
IN5267006	Reelsville Water Authority	Reelsville	Yes	23.27	\$27,223
IN5237004	Remington, Town of	Remington	Yes	120.82	\$45,281
IN5237005	Rensselaer, City of Water Department	Rensselaer	Yes	38.83	\$192,110
IN5274009	Reo Water Corporation	Reo	Yes	29.45	\$29,207
IN5291013	Reynolds Water Works	Reynolds	Yes	5.20	\$11,517
IN5253015	Rhs Water Corporation	Bloomington	No	Unknown	Unknown
IN5268008	Ridgeville Water Department	Ridgeville	Yes	0.87	\$1,126
IN5258002	Rising Sun Municipal Utilities	Rising Sun	Yes	27.83	\$14,762
IN5267007	Roachdale Water Works	Roachdale	No	Unknown	Unknown
IN5285013	Roann, Town of	Roann	Yes	0.63	\$2,449
IN5235009	Roanoke Water Works	Roanoke	Yes	6.19	\$27,449
IN5225006	Rochester Water Department	Rochester	Yes	34.64	\$74,289
IN5274007	Rockport, City of	Rockport	Yes	12.94	\$11,025
IN5261006	Rockville Utilities	Rockville	Yes	41.40	\$30,924
IN5261007	Rosedale Water Works	Rosedale	No	Unknown	Unknown
IN5212007	Rossville, Town of	Rossville	Yes	6.22	\$7,140
IN5209008	Royal Center, Town of	Royal Center	Yes	5.58	\$7,723
IN5291019	Royal Oaks Homeowners Assn., Inc.	Monticello	No	Unknown	Unknown
IN5210009	Rural Membership Water Corp. Of Clark Co	Henryville	No	Unknown	Unknown
IN5270005	Rushville City Utility	Rushville	Yes	29.79	\$42,161
IN5267008	Russellville Water Works	Russellville	No	Unknown	Unknown
IN5239007	Rykers Ridge Water Company	Madison	No	Unknown	Unknown

\* Utility removed from statewide calculations.

IN5288005	Salem Water Works	Salem	Yes	212.68	\$111,574
IN5253006	Salt Creek Services, Inc.	Bloomington	No	Unknown	Unknown
IN5242011	Sandborn Water Department	Sandborn	Yes	0.55	\$1,970
IN5274010	Santa Claus Utilities	Santa Claus	Yes	56.99	\$146,749
IN5245041	Schererville Water Department	Schererville	Yes	57.15	\$188,913
IN5272001	Scottsburg, City of	Scottsburg	Yes	15.54	\$29,912
IN5284011	Seelyville Water Works	Seelyville	No	Unknown	Unknown
IN5210010	Sellersburg Water Utility	Sellersburg	Yes	297.56	\$189,713
IN5253014	Shady Side Water Corporation	Bloomington	No	Unknown	Unknown
IN5277008	Shelburn Municipal Water	Shelburn	Yes	26.83	\$38,476
IN5244006	Shipshewana Water Works	Shipshewana	Yes	33.49	\$35,239
IN5233013	Shirley, Town of	Shirley	Yes	16.59	\$9,039
IN5251007	Shoals Water Company	Shoals	No	Unknown	Unknown
IN5210011	Silver Creek Water Corporation*	Sellersburg	Yes	(14.41)	-\$33,542
IN5243021	Silver Lake, Town of	Silver Lake	Yes	11.08	\$12,840
IN5267009	South 43 Water Association, Inc.	Roachdale	No	Unknown	Unknown
IN5271014	South Bend Water Works	South Bend	Yes	1,488.09	\$989,522
IN5246004	South Coast Conservancy District	Wheeler	Yes	0.23	\$4,000
IN5231006	South Harrison Water Corporation	Corydon	Yes	111.98	\$122,252
IN5247007	South Lawrence Utilities	Mitchell	Yes	117.53	\$107,477
IN5292007	South Whitley, Town of	South Whitley	Yes	12.02	\$15,738
IN5248026	Southern Madison Utilities, LLC	Lapel	Yes	0.37	\$79
IN5253007	Southern Monroe Water Authority	Bloomington	Yes	21.61	\$150,789
IN5203008	Southwestern Bartholomew Water Corporation	Columbus	Yes	52.30	\$94,407
IN5249008	Speedway Water Works	Speedway	Yes	185.00	\$173,704
IN5233016	Spiceland Water Utility	Spiceland	Yes	12.34	\$15,697
IN5259002	Springs Valley Regional Water District	French Lick/West Baden	Yes	98.29	\$357,890
IN5263004	Spurgeon Water Corporation	Spurgeon	Yes	0.78	\$8,786
IN5283010	St Bernice Water Corporation*	Clinton	Yes	(38.07)	\$33,911
IN5219010	St. Anthony Water Utilities	St. Anthony	Yes	8.65	\$40,693
IN5219011	St. Henry Water Corporation	Ferdinand	Yes	9.34	\$18,572
IN5245043	St. John, Town of	St. John	Yes	222.90	\$193,063
IN5274013	St. Meinrad Utilities	St. Meinrad	Yes	3.22	\$11,443
IN5216004	St. Paul Municipal Water	Saint Paul	Yes	25.31	\$16,074
IN5211007	Staunton Municipal Water	Staunton	No	Unknown	Unknown
IN5272002	Stucker Fork Water	Austin	Yes	347.05	\$271,423
IN5230006	Sugar Creek Utilities - NineStar Connect	Greenfield	Yes	0.10	\$1,827
IN5284021	Sullivan-Vigo Rural Water Corp	Terre Haute	Yes	6.40	\$35,239
IN5210012	Sunflower Valley Water Co, Inc.	Sellersburg	No	Unknown	Unknown
IN5269005	Sunman Water Works	Sunman	Yes	17.77	\$9,964
IN5227020	Swayzee Water Utility	Swayzee	Yes	15.07	\$88,694
IN5228009	Switz City Water Works	Switz City	No	Unknown	Unknown
IN5243025	Syracuse Water Utility	Syracuse	Yes	50.91	\$76,390
IN5262004	Tell City Water Department	Tell City	Yes	9.93	\$43,361
IN5287007	Tennyson, Town of	Tennyson	Yes	27.76	\$108,687
IN5206005	Thorntown Utilities	Thorntown	No	Unknown	Unknown
IN5280004	Tipton Municipal Utilities	Tipton	Yes	56.62	\$38,287
IN5244008	Topeka Water Company	Topeka	Yes	9.13	\$34,674
IN5231007	Town Of Elizabeth	Elizabeth	No	Unknown	Unknown
IN5267012	Town Of Fillmore Utilities	Fillmore	No	Unknown	Unknown
IN5241014	Trafalgar Water Department	Trafalgar	Yes	9.20	\$47,223

\* Utility removed from statewide calculations.



IN5255022	Tri-County Conservancy District	Camby	No	Unknown	Unknown
IN5215009	Tri-Township Water Corporation	Lawrenceburg	Yes	38.57	\$31,041
IN5262006	Troy Township Water Association	Tell City	Yes	10.97	\$41,004
IN5262005	Troy, Town of	Troy	Yes	7.12	\$5,099
IN5268010	Union City Water Works	Union City	Yes	8.70	\$2,228
IN5283011	Universal, Town of	Universal	Yes	2.92	\$9,416
IN5227022	Upland Water Department	Upland	No	Unknown	Unknown
IN5215004	Valley Rural Utility Company	Lawrenceburg	Yes	37.92	\$85,902
IN5264029	Valparaiso City Utilities Water Department	Valparaiso	Yes	88.35	\$498,135
IN5264033	Valparaiso Lakes Area Conservancy	Municipality	Yes	1.01	\$12,352
IN5267010	Van Bibber Lake Conservancy District	Greencastle	No	Unknown	Unknown
IN5227023	Van Buren Water Department	Van Buren	Yes	4.50	\$9,993
IN5253008	Van Buren Water Inc	Bloomington	Yes	16.50	\$120,767
IN5223005	Veedersburg Water Department	Veedersburg	Yes	32.88	\$147,400
IN5283014	Vermillion Rise Mega Park*	Hillsdale	Yes	2.43	\$264,432
IN5240009	Vernon Water	Vernon	Yes	1.86	\$5,150
IN5269006	Versailles, Town of Water Utility	Versailles	Yes	6.47	\$38,183
IN5278002	Vevay Water Department	Vevay	Yes	16.50	\$9,634
IN5242014	Vincennes Water Utilities	Vincennes	Yes	250.77	\$130,128
IN5220029	Wakarusa, Town of	Wakarusa	Yes	23.68	\$188,598
IN5273006	Waldron Conservancy District	Waldron	Yes	9.14	\$7,300
IN5271017	Walkerton Utilities	Walkerton	Yes	37.07	\$43,052
IN5209010	Walton Water Works	Walton	Yes	5.40	\$13,169
IN5246033	Wanatah Water Utility	Wanatah	Yes	2.15	\$13,254
IN5235012	Warren, Town of	Warren	Yes	12.20	\$31,543
IN5210015	Washington Township Water	New Washington	No	Unknown	Unknown
IN5253009	Washington Township Water Authority	Bloomington	Yes	6.26	\$33,778
IN5214007	Washington Water Works	Washington	Yes	146.37	\$214,208
IN5217007	Waterloo, Town of	Waterloo	Yes	20.30	\$18,020
IN5210016	Watson Water Company, Inc.	Jeffersonville	Yes	141.40	\$152,731
IN5254013	Waynetown Water Works	Waynetown	Yes	4.07	\$4,329
IN5286003	West Lebanon Water Works	West Lebanon	Yes	14.92	\$11,028
IN5284015	West Terre Haute Water	West Terre Haute	Yes	1.31	\$7,052
IN5216005	Westport Water Company	Westport	Yes	18.70	\$50,280
IN5246029	Westville Water Department	Westville	Yes	13.71	\$29,192
IN5242016	Wheatland, Town of Water Utility	Wheatland	Yes	28.54	\$23,994
IN5241009	Whiteland Water Works	Whiteland	No	Unknown	Unknown
IN5206014	Whitestown Municipal Utility	Whitestown	Yes	35.18	\$124,117
IN5245048	Whiting Water Department	Whiting	Yes	13.80	\$26,864
IN5277010	Wilfred Water Corporation	Shelburn	No	Unknown	Unknown
IN5286004	Williamsport Water Utility	Williamsport	Yes	13.39	\$110,949
IN5266005	Winamac Municipal Utilities	Winamac	Yes	19.08	\$194,226
IN5280005	Windfall Water Department	Windfall	Yes	7.55	\$11,191
IN5254014	Wingate, Town of	Wingate	Yes	0.52	\$4,398
IN5263006	Winslow Water Works	Winslow	No	Unknown	Unknown
IN5291015	Wolcott Water Works	Wolcott	No	Unknown	Unknown
IN5244010	Wolcottville Water Works	Wolcottville	No	Unknown	Unknown
IN5202024	Woodburn, City of	Woodburn	Yes	28.09	\$9,143
IN5218014	Yorktown, Town of	Yorktown	Yes	31.62	\$47,189

\* Utility removed from statewide calculations.