

## **Delaware**

Water loss is an important issue in Delaware, where approximately 81% of the population is served by public water suppliers. The US Geological Survey (USGS) estimates that in 2015 (the most recent year available), Delaware's public water suppliers withdrew an average of about 86.35 million gallons of water per day for treatment and distribution to customers. Those public water suppliers face enormous challenges when it comes to replacing and repairing their systems. The U.S. Environmental Protection Agency (EPA) recently found a 20-year capital improvement need of more than \$806.30 million for Delaware's water systems to continue to provide safe drinking water.

While the state of Delaware has not adopted water loss auditing requirements, the state's major cities (Wilmington, Dover) have prepared and submitted annual water audits under regulations of the Delaware River Basin Commission, a regional agency formed by interstate compact and made up of representatives of Delaware, New Jersey, New York, Pennsylvania, and the US Government. In 2009, the DRBC added a requirement to its Water Code (section 2.1.8) that all utilities located in the Delaware River Basin submit annual water audits beginning in 2012 using the AWWA Free Water Audit Software.

U.S. Geological Survey's "Estimated Use of Water in the United States County-Level Data for 2015", September 28, 2017- <https://www.sciencebase.gov/catalog/item/59a96d18e4b07e1a023db323>

EPA's "Drinking Water Infrastructure Needs Survey and Assessment, Sixth Report to Congress", March 2018 - [https://www.epa.gov/sites/production/files/2018-03/documents/sixth\\_drinking\\_water\\_infrastructure\\_needs\\_survey\\_and\\_assessment.pdf](https://www.epa.gov/sites/production/files/2018-03/documents/sixth_drinking_water_infrastructure_needs_survey_and_assessment.pdf)

Delaware River Basin Commission –

"Analysis of Calendar Year 2016 Water Audit Data from Public Water Supply Systems in the Delaware River Basin." February 2018.  
<http://www.state.nj.us/drbc/library/documents/wateraudits/CY2016audit-report.pdf>

"Analysis of Calendar Year 2014 Water Audit Data from Public Water Supply Systems in the Delaware River Basin." February 2016.  
<http://www.state.nj.us/drbc/library/documents/wateraudits/CY2014audit-report.pdf>

"Analysis of Calendar Year 2012 Water Audit Data from Public Water Supply Systems in the Delaware River Basin." February 2015.  
<http://www.state.nj.us/drbc/library/documents/wateraudits/CY2012audit-report.pdf>