

## **Massachusetts**

Water loss is a particularly important issue in Massachusetts, where approximately 91% of the population is served by public water suppliers. The US Geological Survey (USGS) estimates that in 2015 (the most recent year available), Massachusetts's public water suppliers withdrew an average of about 648.06 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 \$12.24 billion for Massachusetts's water systems to continue to provide safe drinking water.

The agency with jurisdiction over water loss reporting is the Massachusetts Department of Environmental Protection (MassDEP). All public water suppliers are required to determine Unaccounted for Water (UFW) as part of the Annual Statistical Report submittal to the MassDEP. This requirement is a part of the amended Massachusetts Water Conservation Standards (June 2012) which is in accordance with the Massachusetts Water Management Act (1986), a piece of legislation that establishes standards and rules for water resources management in the state.

Water Management Act - <http://www.mass.gov/eea/agencies/massdep/water/regulations/310-cmr-36-00-the-water-management-act-regulations.html>

Water Conservation Standards -

<http://www.mass.gov/eea/docs/dcr/watersupply/intbasin/waterconservationstandards.pdf>

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)