Data Collection and Management

This activity is at the center of all decision making and planning that the water provider/entity conducts. Data should be collected and stored in such a manner that it is safeguarded from damage or loss, accessible for inspection and evaluation, and utilized regularly to characterize trends and support management efforts.

Data collection and management related to water distribution should focus upon:

- Leaks
- Leak detection reporting
- Tracking of costs related to pipe and distribution system repair and replacement, and leak detection
- Tracking of unmetered and unauthorized water uses
- Metering and/or Submetering of the distribution system
- Mapping of distribution facilities

Losses Due to Leaks

Leak Detection Reporting

Costs

Authorized (Metered and Unmetered) versus Unauthorized Uses

District Metered Areas of Distribution System

Mapping of the Distribution System and Attributes