

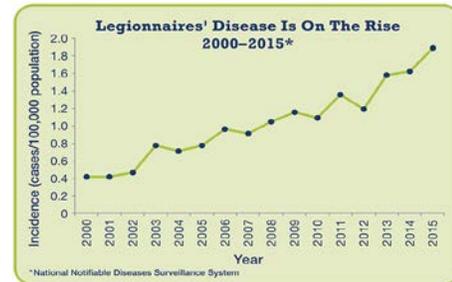




## Legionnaires' Disease (LD)

### Reported US Cases of Legionellosis:

- Rate of reported cases increased 350% from 2000 to 2015.
- >6,000 LD cases reported in 2015.
- Mortality:
  - Overall: approximately 9%
  - Healthcare associated (HCA) cases 25%.



<https://www.cdc.gov/legionella/downloads/fs-legionella-clinicians.pdf>

[https://www.cdc.gov/mmwr/volumes/66/wr/mm6622e1.htm?s\\_cid=mm6622e1\\_w](https://www.cdc.gov/mmwr/volumes/66/wr/mm6622e1.htm?s_cid=mm6622e1_w)

[https://www.cdc.gov/mmwr/volumes/65/wr/mm6522e1.htm#T1\\_up](https://www.cdc.gov/mmwr/volumes/65/wr/mm6522e1.htm#T1_up)

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## Guidelines for *Legionella* and OPPP

**CDC/HICPAC: Guidelines for environmental infection control in healthcare facilities (2003). (pages 141-144)**

- <https://www.cdc.gov/infectioncontrol/pdf/guidelines/environmental-guidelines.pdf>

**CDC/HICPAC: Guidelines for preventing health care-associated pneumonia, 2003(2004)**

- <https://www.cdc.gov/mmwr/preview/mmwrhtml/rr5303a1.htm>

**Environmental Protection Agency:**

- [Technologies for \*Legionella\* Control in Premise Plumbing](#)

**ASHRAE 188: Legionellosis: Risk management for building water systems, June 26, 2015. ASHRAE: Atlanta.**

- [www.ashrae.org](http://www.ashrae.org)

**CDC Legionella Water Management Program Toolkit**

- <https://www.cdc.gov/legionella/water-system-maintenance.html>

**Minimizing the Risk of Legionellosis Associated with Building Water Systems**

- [ASHRAE Guideline 12-2000](#)















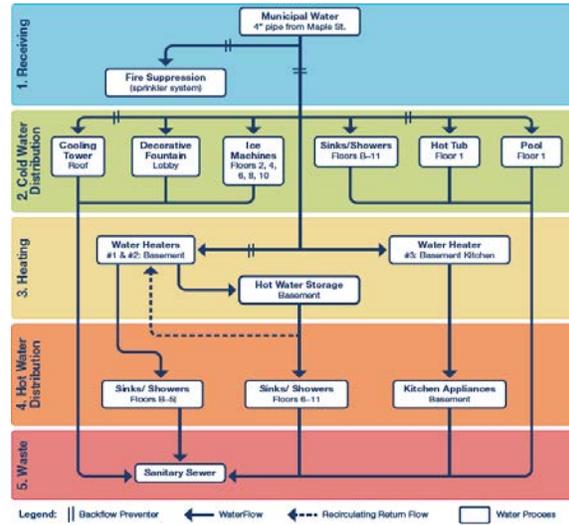




## Step 2. Develop Building Schematic

Develop a simple schematic that visually describes the building water system:

- Multiple points of entry.
- Emergency water storage.



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### Step 3. Identify Areas

**Identify areas where *Legionella* and OPPPs can grow and spread**

**Patient care areas:**

- OR, ICUs, dialysis.
- Bone marrow transplant/hem-oncology.
- Other transplant units.

**Non-patient care areas:**

- Dietary and central supply.
- Components and devices:**
- Ice machines.
- Heater-cooler units.
- Respiratory therapy equipment.

