

FAVORABLE CONDITIONS FOR LEGIONELLA IN BUILDING WATER SYSTEM

- ▶ Temperature 77°C - 108°F
- ▶ Stagnation
- ▶ Scale and sediments
- ▶ Protozoa
- ▶ Lack of a residual disinfectant

EVENTS LEADING TO LEGIONNAIRE'S DISEASE



Supply Water

Amplification

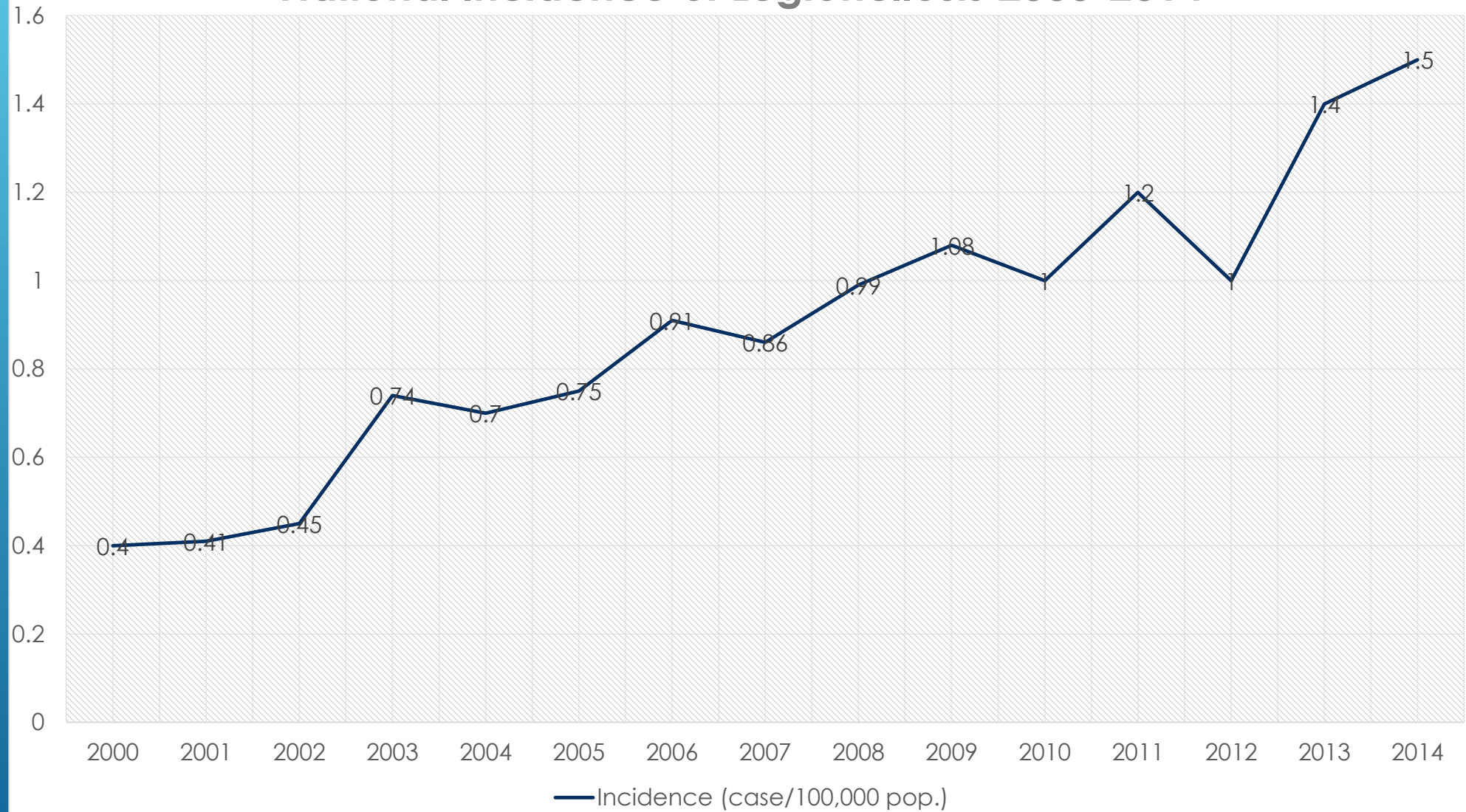
- Temperature
- Stagnation
- Scale & Sediment
- Protozoa
- Biofilm
- Absence of Disinfectant

Aerosolization

- Showerheads
- Cooling Towers
- Decorative Fountains
- Whirlpool Spas

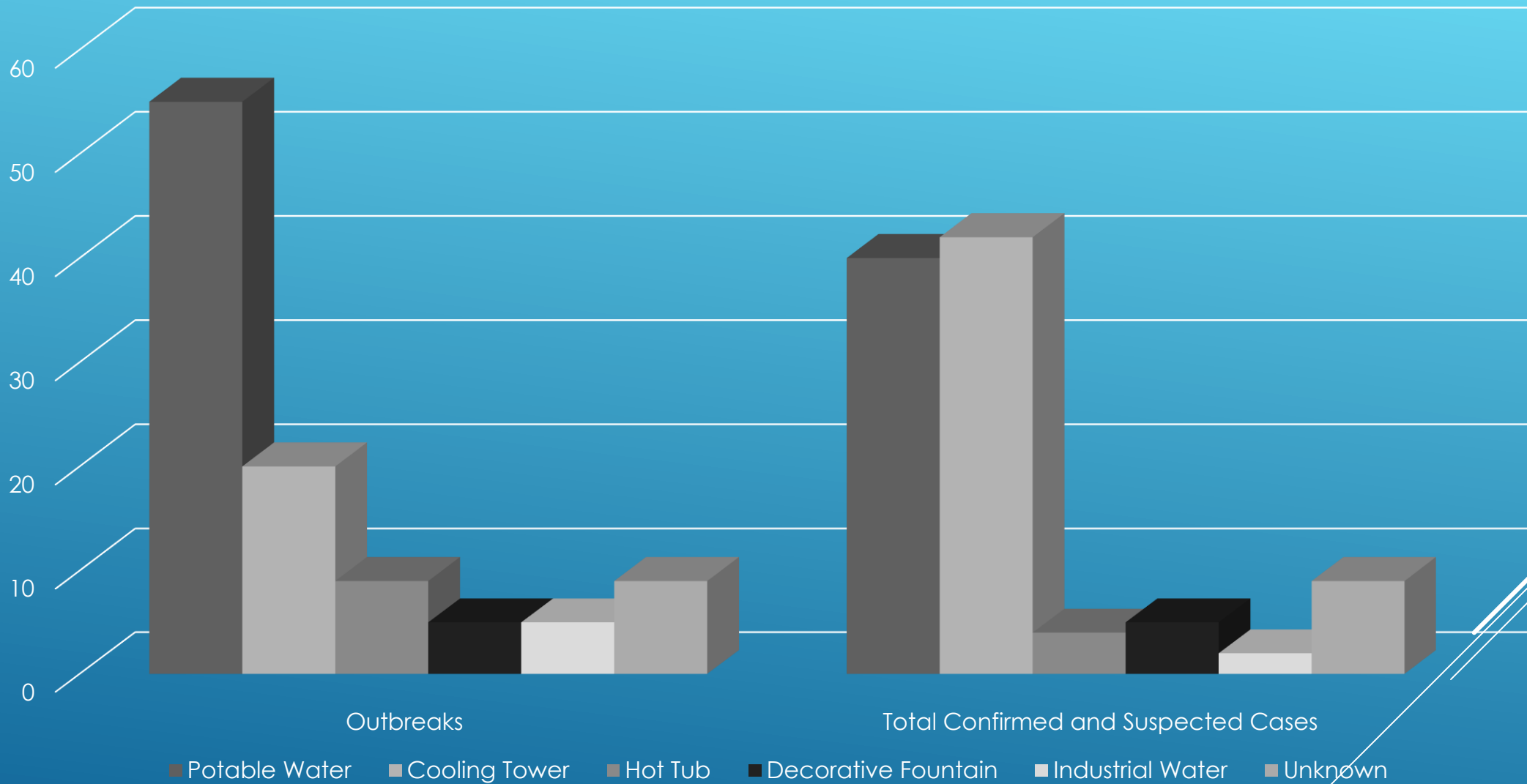
Transmission

National Incidence of Legionellosis 2000-2014



Source: Center of Disease Control

Sources of Outbreak and Cases (%)



Source: Center of Disease Control