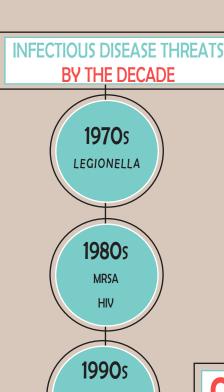


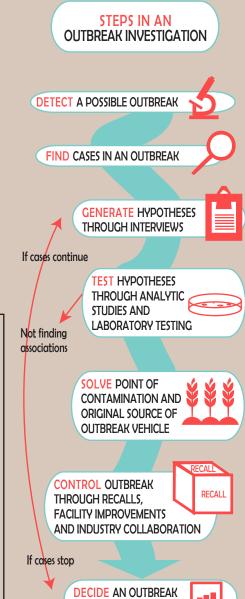




DISEASE CONTROL















SURVEILLANCE



24-HOUR

RESPONSE



IS OVER



OUR IMPACT - DISEASE CONTROL

SURVEILLANCE

The State Hygienic Laboratory identifies the incidence and location of illnesses that affect population health, and does so in partnership with:

- · lowa Department of Public Health and local health departments
- The Centers for Disease Control and Prevention
- Health care facilities across lowa
- · Laboratory Response Network
- Food Emergency Response Network



OUTBREAKS

The laboratory's Disease Control Division helps limit the spread of illnesses by rapidly identifying pathogens that cause outbreaks.

- Multiple foodborne outbreaks-Salmonella, Listeria
- Mumps primarily in lowa's Regent universities
- Noroviruses often in long-term care and child-care facilities



SPECIALIZED TESTING

As lowa's public health laboratory, the State Hygienic Laboratory maintains expertise and capacity in many areas of specialized testing.

- Environmental Microbiology food and water testing and foodborne outbreaks
- Microbiology statewide antimicrobial resistance monitoring, rabies testing, foodborne pathogen testing
- · Molecular influenza surveillance
- Serology Zika virus screening
- Maternal Screening identification of genetic dispositions



NATIONAL LEADER\$HIP

Our laboratory scientists lead the nation in many areas of public health.

- Organism genotyping (Mycobacterium, Salmonella, Shigella, E. coli)
- Detecting Cryptoporidium and Cyclospora
- Laboratory Response Network (LRN) and Food Emergency Response Network (FERN) responses
- Advanced methods to detect pathogens at the molecular level

