EMERGENCY PREPAREDNESS

Biosafety Levels for Testing

BSL1
LOW-RISK MICROBES SUCH AS NON-PATHOGENS, E. COLI

BSL2
PATHOGENS SUCH AS ZIKA AND STAPH INFECTIONS

BSL3
HIGHLY INFECTIOUS PATHOGENS SUCH AS TB

PREPAREDNESS BY THE NUMBERS

99 Counties and Local Public Health Agencies
118 Hospitals
934 EMS Providers
74 Health Care Coalitions
126 Sentinel Laboratories
22 HazMat Teams

PARTNERS

10

COMPONENTS OF EMERGENCY PREPAREDNESS

RESPONSIVENESS

PARTNERING

TRAINING

DISASTER PREPAREDNESS

NATIONAL & GLOBAL HEALTH

COMMUNITIES

PATIENTS

Sentinel Labs

Reference Labs

National Labs

admission
administration
hospital
hospital
reference
advanced
standard
OUR IMPACT - EMERGENCY PREPAREDNESS

NETWORK

A network of teams that specialize in preparedness and response work together to determine if an unknown agent or infectious disease poses a health risk to Iowans. Teams include:

- State Hygienic Laboratory
- Homeland Security and FBI
- Fire Departments and HazMat Teams
- 71st Civil Support Team
- Iowa State Patrol
- Local law enforcement and emergency management agencies

PREPAREDNESS

The State Hygienic Laboratory provides highly specialized training for partners with

- Bioterrorism laboratory workshop
- Full-scale exercises and drills
- Packaging and shipping training
- Specimen collection training
- Field identification of threats training
- Biosafety and biosecurity workshops

EVENTS

Threats to public health and safety can happen anywhere including in the small towns and facilities in Iowa. Some recent events include:

- Castor beans - Osage
- Unknown substance - Eastern Iowa Airport
- Pesticide drift - Marion
- Cyanide powder - Centerville
- Credible threat letter - Oskaloosa

RESPONSE

The State Hygienic Laboratory is on-call around the clock, 365 days a year to identify biological, chemical and radiological threats to Iowans. It responds with

- Some of the most highly trained laboratory response staff in the state
- Testing of highly infectious agents
- Biosafety level 3 laboratories
- Statewide courier for routine and urgent sample transport
- High-level security capabilities