



EMERGENCY PREPAREDNESS

Biosafety Levels for Testing

BSL1
LOW-RISK MICROBES SUCH AS NON-PATHOGEN *E. COLI*

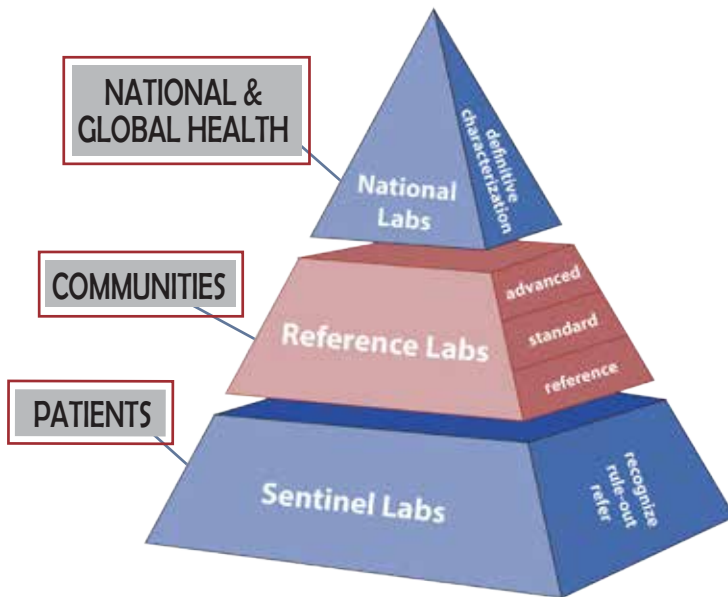
BSL2
PATHOGENS SUCH AS ZIKA AND STAPH INFECTIONS

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



COMPONENTS OF EMERGENCY PREPAREDNESS



RESPONSIVENESS



PARTNERING



DETECTING THREATS



TRAINING



DISASTER PREPAREDNESS

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

