

**Focus Area C:
Laboratory Capacity
Biologic Agents**

Goals: Focus Area C

Laboratory Capacity Biologic Agents

- A – Integrate work of clinical and public health laboratories to assure preparedness for BT through planning, training, coordination, communication, and standard methods
- B - Assure that LRN laboratories have the technical capability and capacity for BT, including facilities, reagents, equipment, security, and trained staff

Critical Benchmark

Laboratory Capacity Biologic Agents

- #10: Develop a plan to improve working relationships and communication between Level A (clinical) laboratories and Level B/C laboratories, (i.e. Laboratory Response Network laboratories) as well as other public health officials.

Summary of Capacities

Laboratory Capacity Biologic Agents

- Critical - to develop and implement a jurisdiction-wide program to provide rapid and effective laboratory services in support of the response to bioterrorism, other infectious disease outbreaks, and other public health threats and emergencies.

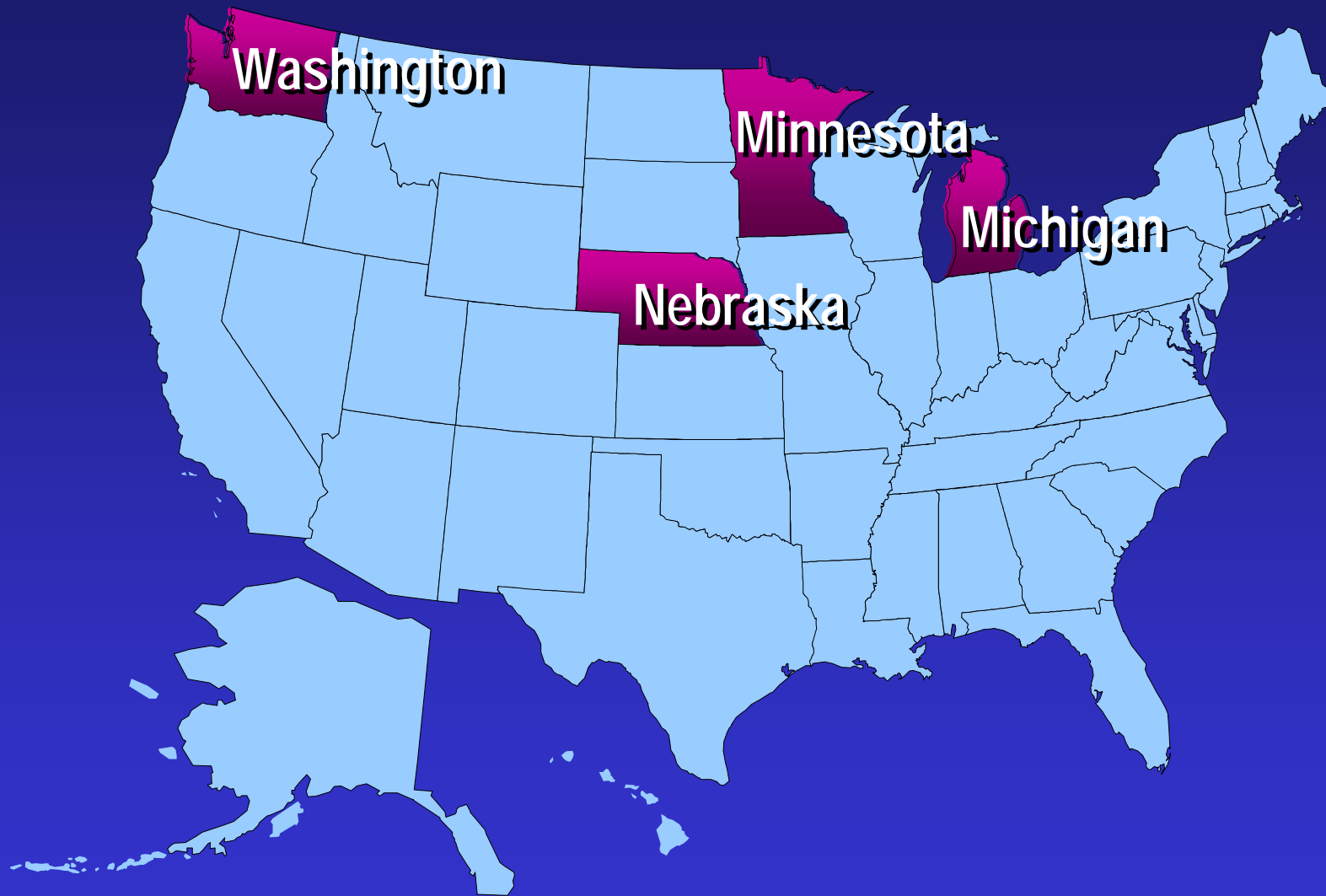
Summary of Capacities

Laboratory Capacity Biologic Agents

- Improve working relationship with clinical laboratories
- Develop jurisdiction wide laboratory plan
- Coordinate and train with hazmat, law enforcement
- Enhance relationships with medical community

National Laboratory System

State Demonstration Projects



National Laboratory System Focal Areas



Proposed activities—based on demonstration projects:

First steps:

- Hire a Laboratory Program Advisor and a Training Coordinator (link to Focus G)
- Identify and develop a database of all hospital/independent (Level A) laboratories

Proposed activities—based on demonstration projects:

- Characterize capabilities/practices
- Analyze patterns of reporting and specimen/isolate referral
- Assess adherence to voluntary QA/QC standards
- Define priority needs for improvement

Proposed activities—based on demonstration projects:

- Establish lines of communication for routine and emergency messages (blast e-mail, fax)
- Design and implement training
- Promote agreements among public/private laboratories for surge capacity testing

Proposed activities—based on demonstration projects:

- Design specimen transportation/tracking mechanisms
- Promote activities through scientific meetings, other media

Selected Resources

Laboratory Capacity Biologic Agents

Division of Laboratory Systems/PHPPPO

(<http://www.phppo.cdc.gov/dls/default.asp>)

Association of Public Health Laboratories

(<http://www.aphl.org>)

National Laboratory System demonstration

**project states (Michigan, Minnesota, Nebraska,
Washington)**

National Laboratory Database (CDC)

**(secure access for State Public Health Laboratory
Directors)**

Selected Resources

Laboratory Capacity Biologic Agents

Michigan (517-335-8063)

Frances Pouch Downes, DrPH
John Dyke, PhD

Minnesota (612-676-5331)

Norman Crouch, Ph.D.

Paula Snippes

Nebraska (402-559-4116)

Stephen Hinrichs, M.D.
Tony Sambol

Washington (206.441.4441)

(<http://healthlinks.washington.edu/nwcphp/cli/>)

– Jon Counts, DrPH

Selected Resources

Laboratory Capacity Biologic Agents

Division of Laboratory Systems

National Laboratory System

Rex Astles, PhD	770.488.8052
John Ridderhof, DrPH	770.488.8076
Bereneice Madison, PhD	770.488.8133
Steven Glenn, NS	770.488.8135

National Laboratory Database (for SPHL Directors on request)

Rex Astles, PhD	770.488.8052
John Hancock	770.488.8105

National Laboratory Training Network

Judy Delany	770.488.8063
Regional Contacts	800.536.NLTN (6586)