

CHEMPACK Overview

- Federal Program
 - Centers for Disease Control and Prevention (CDC)
 - Division of Strategic National Stockpile (DSNS)
- Initiated post September 2001 to address large scale chemical releases
 - Forward placement of chemical antidotes
 - Primarily organophosphates

CHEMPACK Program Mission

- **Implement a nationwide project for the “forward” placement of nerve agent antidotes. To provide state and local governments a sustainable resource that increases their capability to respond quickly to a nerve agent event**

Overview

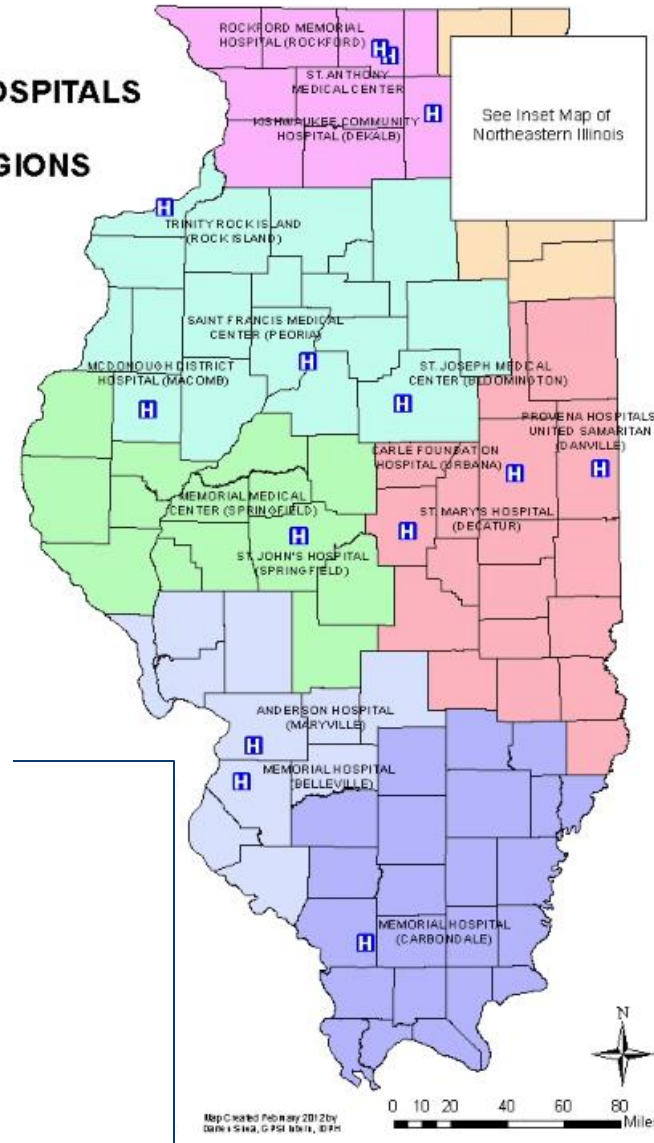
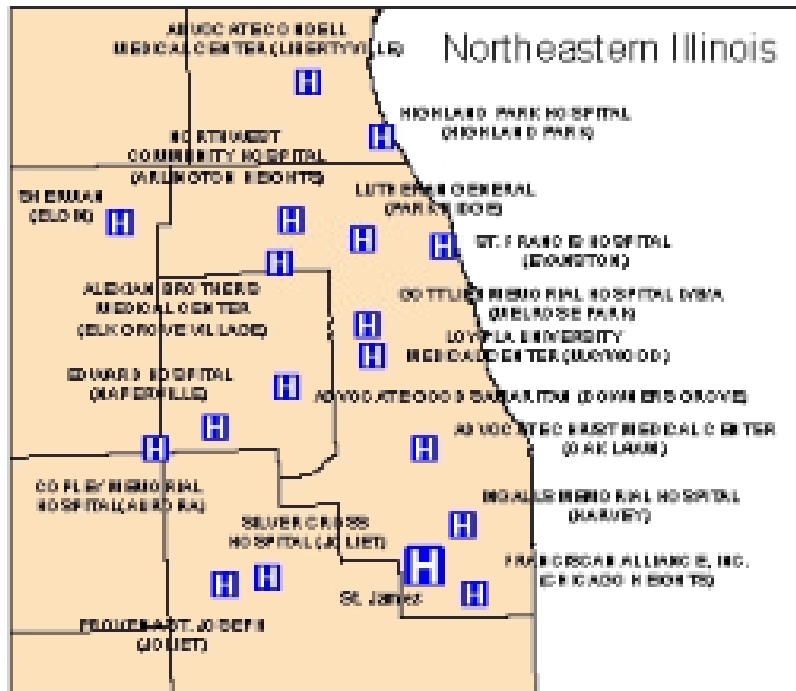
- Designed to be utilized as secondary response assets
 - Delivery to response area within 60 minutes
 - Does not absolve local initial response responsibilities
 - Can not be utilized to supplant local initial cache
- SNS assets would be utilized as tertiary response to large scale event

Illinois CHEMPACK Locations

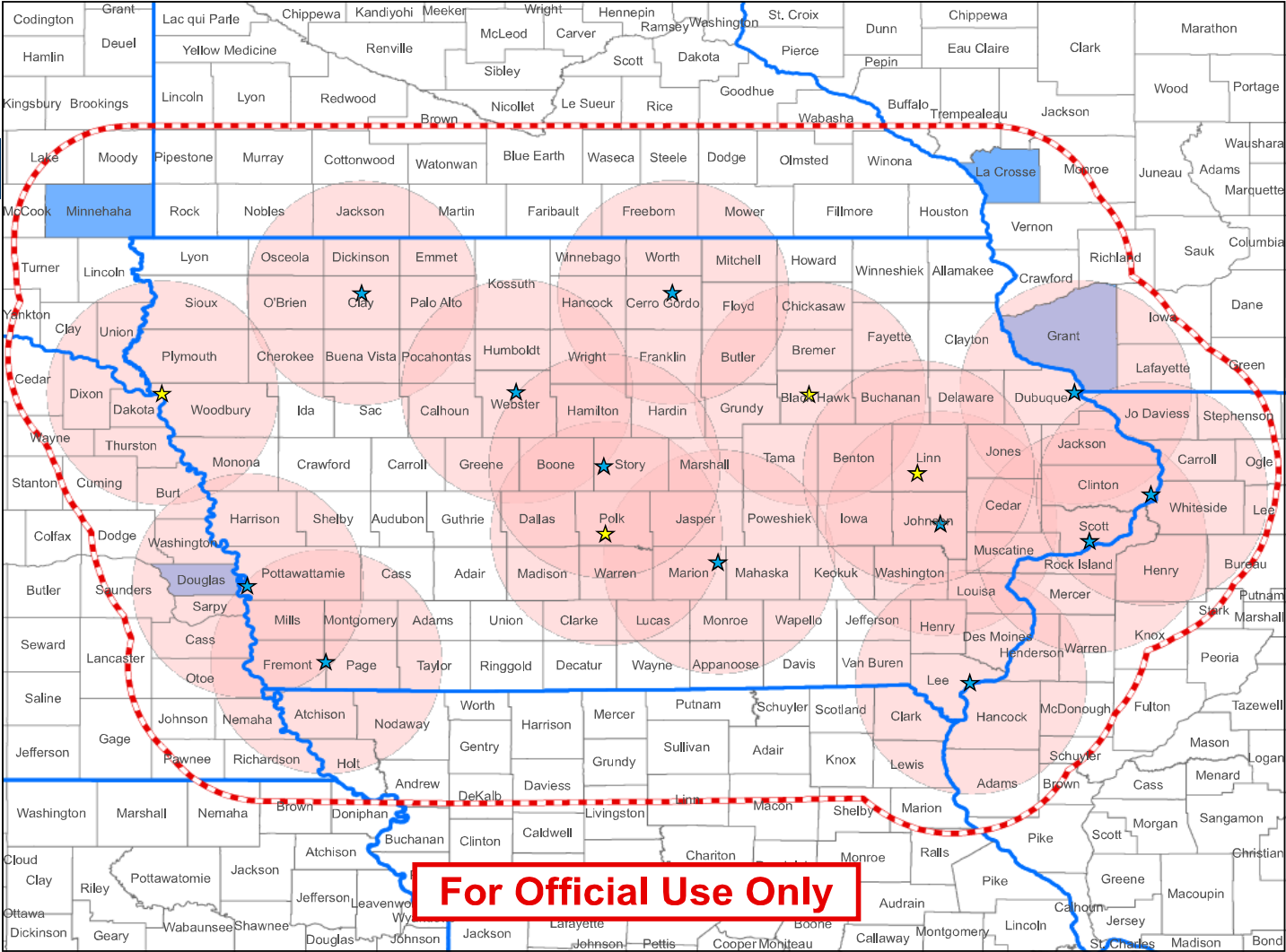
PHMSR REGIONS

-  Champaign
-  Chicago
-  Edwardsville
-  Marion
-  Peoria
-  Rockford
-  Springfield

CHEMPACK HOSPITALS AND PHMSR REGIONS



Iowa CHEMPACK Locations



CHEMPACK Container:
60.5 (L) X 32.5 (W) X 60.5 (H)
Approximate weight 550 lbs

DEA approved
wire mesh

Container serial
number

Container
content list

Lockable latches

Swivel casters



EMS Style CHEMPACK Containers

- Assets
 - Federal ownership maintained
 - Shelf Life Extension Program (SLEP)
- Pharmaceutical supplies only
 - 85% Auto injector
 - 15% multi-use vials
- Designed to treat 500 patients
 - 30% mild exposure
 - 40% moderate exposure
 - 30% severe exposure

CHEMPACK Pharmaceuticals – forward placement of Nerve Agent Antidotes

- Diazepam 10mg auto-injector 1 box
- Seizalam (Midazolam) 5mg/ml vial 10 box
- ATNAA (Antidote Treatment Nerve Agent Auto injector) 6 boxes
* is any of a variety of auto injectors in use with the US Armed Force
- Atropen 0.5mg 1 box (144 units/box)
- Atropen 1mg 1 box (144 units/box)
- Atropine Sulfate 0.4mg/ml 20ml 1 boxes (100 units/box)
- Pralidoxime 1gm in 20ml 1 boxes (276 units/box)
- Sterile Water 20ml vials 1 box (100 units/box)

The 2016 change to Pharmaceuticals was Mark 1 auto-injectors have been replaced with the ATNAA, military version of the DuoDote auto-injector.

Hospital Style CHEMPACK Containers

- Assets
 - Federal ownership maintained
 - Shelf Life Extension Program (SLEP)
- Pharmaceutical supplies only
 - 85% Multi-dose vials
 - 15% Auto injector
- Designed to treat 1000 patients
 - 30% mild exposure
 - 40% moderate exposure
 - 30% severe exposure

CHEMPACK Pharmaceuticals – forward placement of Nerve Agent Antidotes

- Diazepam 10mg auto-injector 2 box
- Diazepam 5mg/ml vial 10ml 3 box (25 units/box)
- Seizalam (Midazolam) 5mg/ml vial 10 box
- Atropen 0.5mg 1 box (144 units/box)
- Atropen 1mg 1 box (144 units/box)
- Atropine Sulfate 0.4mg/ml 20ml 11 boxes (100 units/box)
- Pralidoxime 1gm in 20ml 12 boxes (276 units/box)
- Sterile Water 20ml vials 1 box (100 units/box)

Shelf Life Extension Program (SLEP)

- Requirements
 - Pharmaceuticals must be owned by the Federal Government
 - Environmental conditions and integrity are maintained
 - Sensaphone[®] alarm
 - CDC provides documentation to FDA
- If container is open or environmental conditions not maintained
 - material can not participate in SLEP



Cache Location Requirements

- Secure location
 - 24 hour surveillance by motion detector, camera, door contact switch
 - Double lock standard
 - Controlled entry to storage area
- Floor space for container
 - 72 inch aisles, 34 inch doorways
- Environmental control
 - 59 – 86 degrees F (15 – 30° C)
 - 60% or less humidity

Requirements

- 110 volt electrical power
 - Back-up power source
 - Power generator
 - Uninterruptible power source (UPS)
- Dedicated phone line
 - Plain old telephone (POTS) line – copper
- DEA Registrant
 - Schedule IV agents
- Point of Contact for facility identified
- On-site review/assessment

Protocol

- State CHEMPACK Workgroup will develop
 - Standing protocol for utilization
- Will need to be incorporated into local plan
 - Emergency Management
 - EMS / Fire / HazMat / Law Enforcement
 - Other health care providers
 - Surrounding states