

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

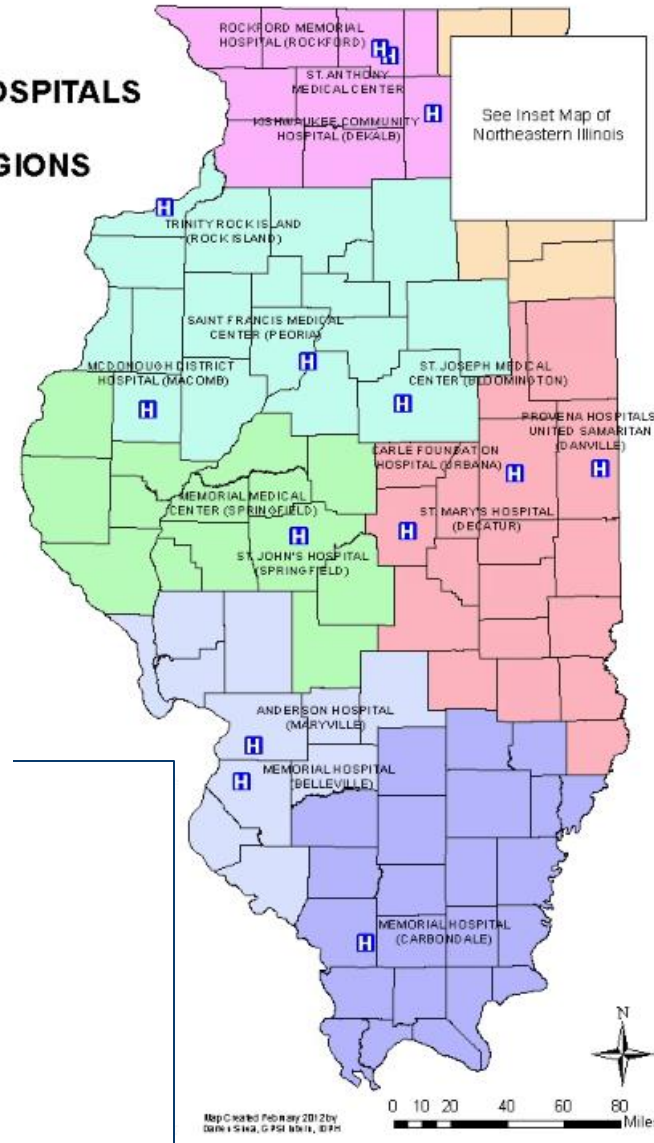
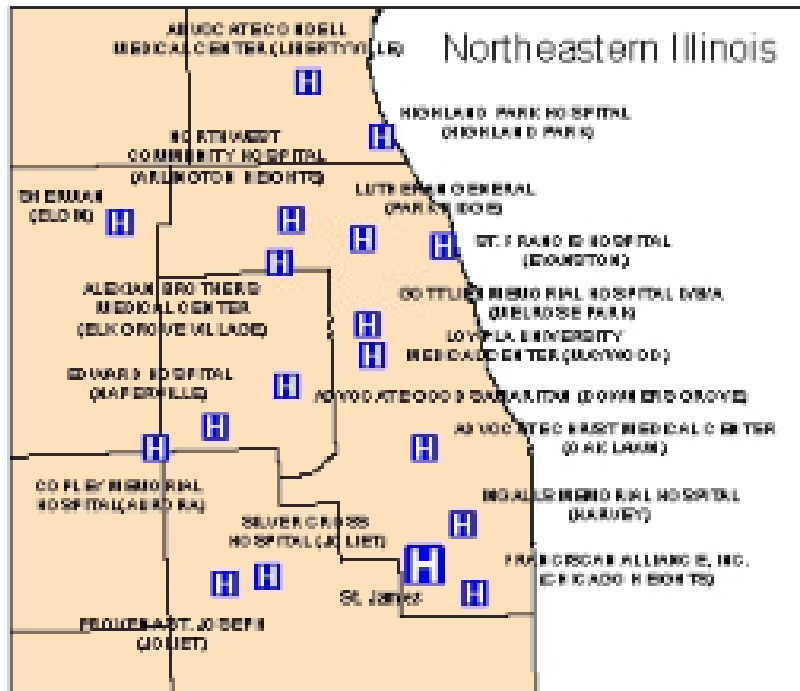
- Designed to be utilized as secondary response assets
 - Delivery to response area within 60 minutes
 - Does not absolve local initial response responsibilities
 - Can not be utilized to supplant local initial cache
- SNS assets would be utilized as tertiary response to large scale event

Illinois CHEMPACK Locations

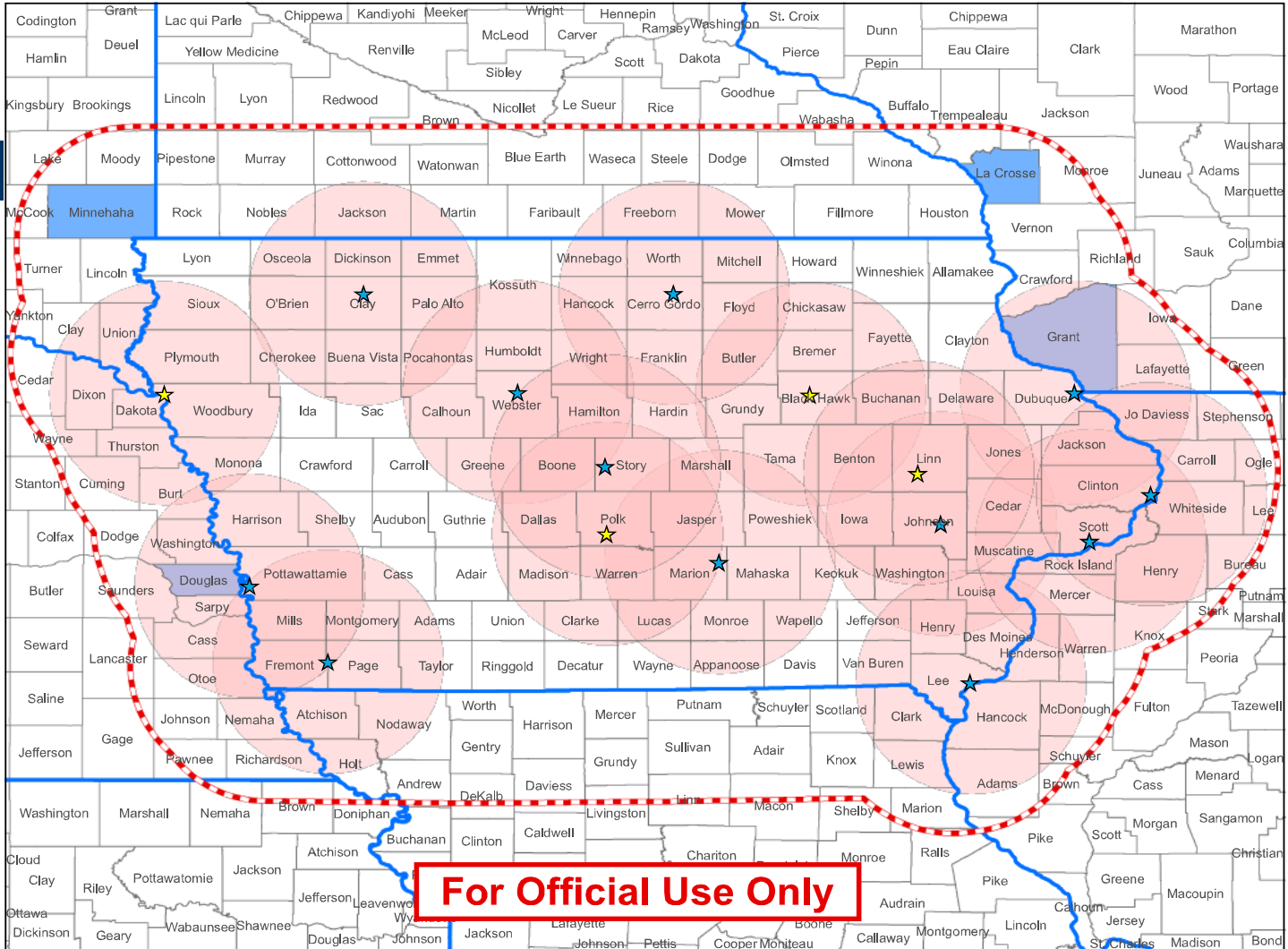
PHMSR REGIONS

- 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



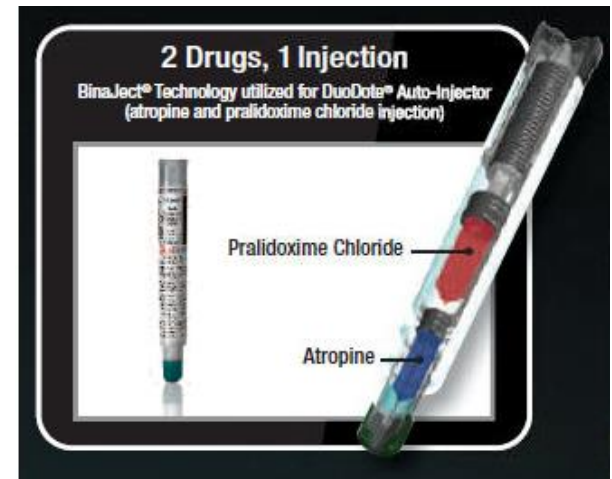
EMS Style CHEMPACK Containers

- Assets
 - Federal ownership maintained
 - Shelf Life Extension Program (SLEP)
- Pharmaceutical supplies only
 - 85% self administration
 - 15% multi-use vials
- Designed to treat 454 patients
 - 30% mild exposure
 - 40% moderate exposure
 - 30% severe exposure

Pharmaceuticals – forward placement of Nerve Agents

(Antidote Treatment Nerve Agent Autoinjector)

- ATNAA Auto-Injector Antidote Kits
 - 2.1mg atropine / 0.7 ml and 600mg / 2ml Pralidoxime Chloride (2-Pam) / 2ml
 - 1,200 kits total per container
- Mark 1 auto-injector
 - 240/case 5 cases 1200 units total
- Atropine Sulfate 0.4mg/ml 20ml
 - 100/case 1case 100 vials total
- Pralidoxime 1gm inj 20ml
 - 276/case 1case 276 vials total
- Atropen 0.5 mg auto-injector
 - 144/case 1case 144 units total
- Atropen 1.0 mg auto-injector
 - 144/case 1case 144 units total
- Diazepam 5mg/ml auto-injector
 - 150/case 2cases 300 units total
- Diazepam 5mg/ml vial, 10ml
 - 25/case 2 cases 50 vials total
- Sterile water for injection (SWFI) 20cc
 - 100/case 2 cases 200 vials total



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

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