

Communications in a Strategic National Stockpile Event

Joe Cordova
Emergency Response Coordinator

Kay Mittelstadt-Lock
Medical Countermeasures Coordinator

October 19, 2019



Objectives

- Provide a brief overview of the Strategic National Stockpile (SNS).
- Define the roles and responsibilities of federal, state, local, and private partners.
- Describe the communication channels during an SNS response and the role that ARES RACES can play.



Strategical National Stockpile



Overview of the SNS

- The SNS is a supply of medications including vaccines, medical supplies, and medical equipment.
- It is designed to mitigate a chemical, biological, radiological, nuclear, or explosive (CBRNE) incident and is highly focused on anthrax.
- It can be requested for any disaster.





US Air Force Hanger with a Federal Medical Station setup

CBRNE Incidents

- The SNS has a broad spectrum of treatments and antidotes for **CBRNE** incidents:
 - ◆ Chemical incidents
 - ◆ Biological incidents
 - ◆ Radiological
 - ◆ Nuclear incidents
 - ◆ Explosive incidents



12-Hour Push Packages

The Strategic National Stockpile 12-hour Push Package Product Catalog



Specific Item Support: Managed Inventory

- Makes up majority of SNS assets
- Maintained by SNS or commercial partners
- Shipped on pallets
- Focused primarily on anthrax



Hospital APT Initial Supply Kits

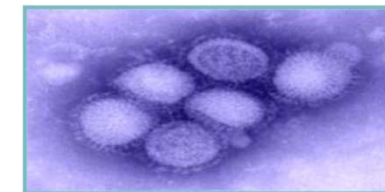
NDC / Product #	RSS Item Description	unit	kit pallet color	kit pallet #
66336-031-20	<i>Ciprofloxacin, 500mg tablet, #20, unit-of-use bottle</i>	100/cs	blue	1
66336-449-20	<i>Doxycycline 100mg tablet, #20 unit-of-use bottle</i>	100/cs	blue	1
0074-4887-10	<i>Sterile water for injection (SWFI), preservative free, 10ml vial</i>	400/cs	blue	1
63323-010-20	<i>Gentamicin sulfate 40mg/ml (20ml) multi-dose vial</i>	100/cs	blue	1
63323-130-11	<i>Doxycycline 100mg vial, (APP)</i>	100/cs	blue	1
0026-8554-63	<i>Cipro IV, Bayer, 400mg in D5W 200ml flexible bag</i>	24/bx	blue	1
2B1302	<i>NaCl 0.9% 100ml IV Piggyback (IVPB) Mix, flexi-bag, Baxter</i>	96/cs	blue	1
2C5417	<i>IV admin set, 10 drop/ml, non-vented (adult), Baxter</i>	48/bx	blue	1



Response History

Previous responses have been fast, flexible, and committed, and include:

- ◆ 2001 World Trade Center and anthrax attacks
- ◆ 2005 Hurricanes Katrina and Rita
- ◆ 2009 H1N1 outbreak
- ◆ 2011 Hurricane Irene
- ◆ 2016 Zika virus outbreak
- ◆ 2017 Hurricanes Harvey, Irma, and Maria



Chempacks



SNS for Hospitals



Delivery to Hospital

- State will contact the hospital before delivery to:
 - ◆ Verify need
 - ◆ Coordinate delivery time
- Products are initially pushed and there is no need to order.



Hospital Anthrax, Plague, and Tularemia (APT) Kits

- Are sent as initial supplies from SNS to hospitals
- Treats APT
- Includes supplies and medicines for 100 patients and prophylaxis for 1200 staff
- Are delivered on four pallets



Stockpile Order Form

	Item	Item Name/Description	Quantity per Unit	# of Units
Masks	1	Unavailable		
	2	Unavailable		
	3	Unavailable		
	4	Unavailable		
	5	Pediatric Surgical Masks (500)	500	
	6	Pediatric Surgical Masks (5000)	5000	
	7	K-C Children's Face Mask (Model 47127)	750	
Eye Shields	8	Reposable Eye Shield, Frame and Face Shield	5	
	9	Reposable Clear Lens Replacement Shield	50	
Gowns	10	Med-Line Polyethylene Gowns (Model CRI4000/Yellow) One Size	50	
	11	PolyWear Disposable Polyethylene Gown with thumb-loop (Model 11510/Blue)	100	
Equipment	12	Byer of Maine Cot with intravenous (IV) solution pole	2	
	13	Byer of Maine Backrest (for Cot)	4	
	14	Byer of Maine Self-Inflating Sleep Pad (for Cot)	10	
	15	Tri-fold Rolling Privacy Screens (for use with cot)	1	
	16	Triage Wrist Bands	250	
	17	Disaster Body Bags	5	



Ordering SNS Supplies

- When requesting items not in the formulary provide as much detail as possible and include:
 - ◆ Name (both trade and generic)
 - ◆ Description
 - ◆ Size
 - ◆ Part number
 - ◆ Manufacturer
 - ◆ National Drug Code (NDC)



Requesting the SNS

- Hospitals may identify the need first.
- Hospitals can request the SNS by:
 - ◆ Contacting their local public health agency
 - ◆ Contacting the Division of Public Health
 - ◆ Contacting Wisconsin Emergency Management
- A request can be made for any disaster, not just bioterrorism.

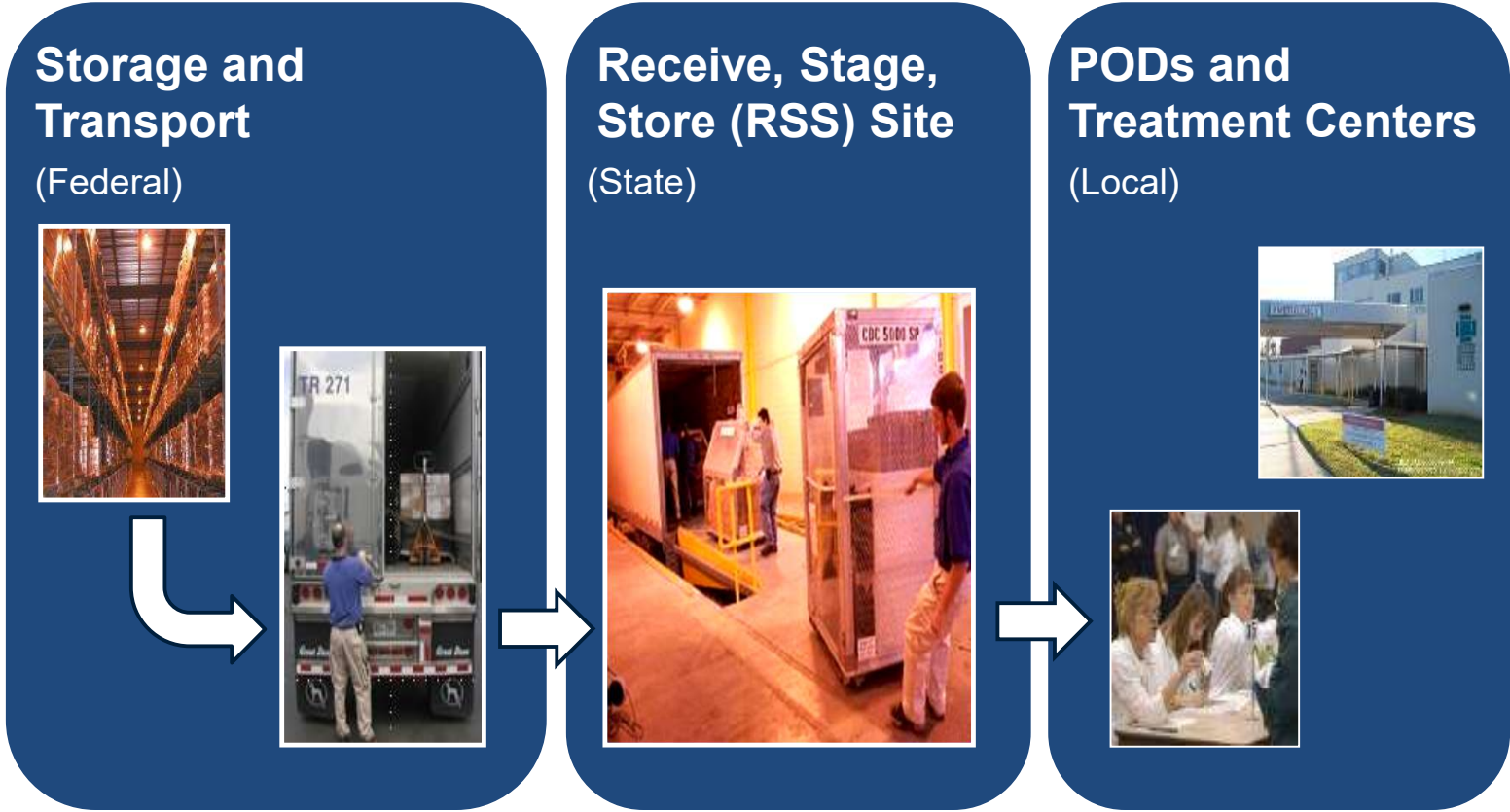


Requesting the SNS

- For a bioterrorism incident, the Governor may make a direct request to the Centers for Disease Control and Prevention (CDC) for SNS assets.
- Tribes may also make direct requests to CDC for SNS assets.
- For natural disasters, SNS assets must be requested through the Federal Emergency Management Agency (FEMA).



SNS Delivery Sequence



Delivery to the State

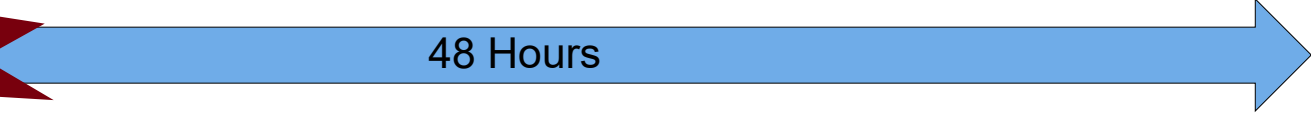
The CDC will deliver the SNS to our Receipt Stage Store (RSS) Warehouse.





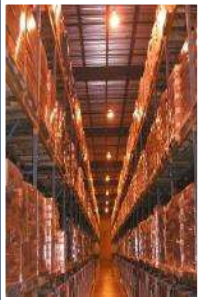
SNS Distribution

- WI Department of Health Services (DHS) will coordinate distribution of SNS to all points of dispensing (PODs) that have been activated in the Partner Communication and Alerting (PCA) Portal including:
 - ◆ Open PODs
 - ◆ Closed PODs
 - Private
 - Hospital
 - First responder and critical infrastructure staff





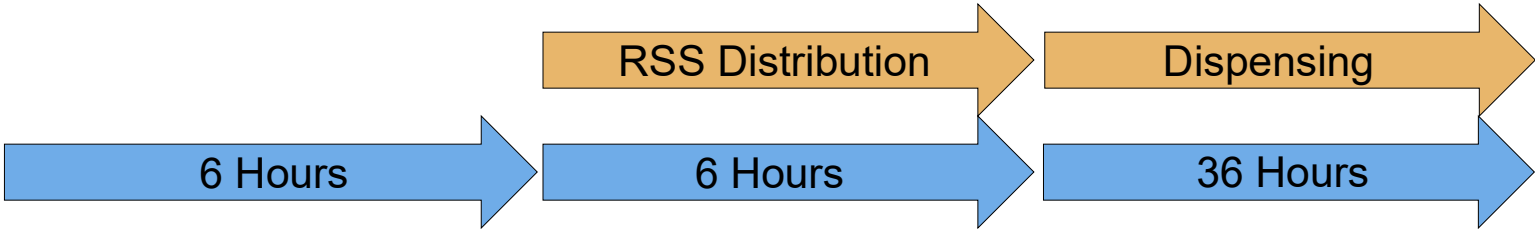
Storage and Transport
(Federal)



Receive, Stage, Store (RSS) Site
(State)



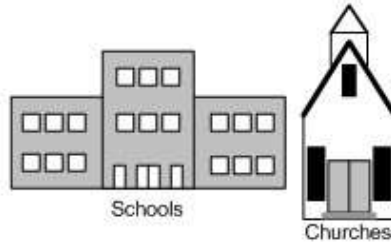
PODs and Treatment Centers
(Local)



Public report to points of dispensing to receive medicine



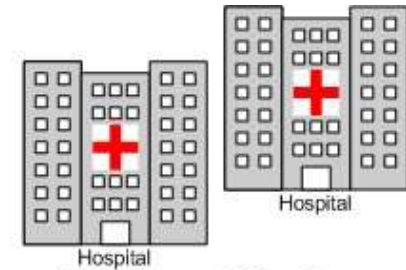
General Public



Schools

Churches

Points of Dispensing



Hospital

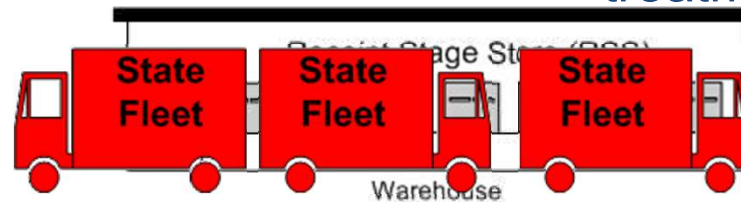
Hospital

Treatment Centers

Tribal and local public health facilities for post-exposure prophylaxis of the public

Denver will continue until no longer needed.

Treatment center medicines, supplies, and equipment for treatment

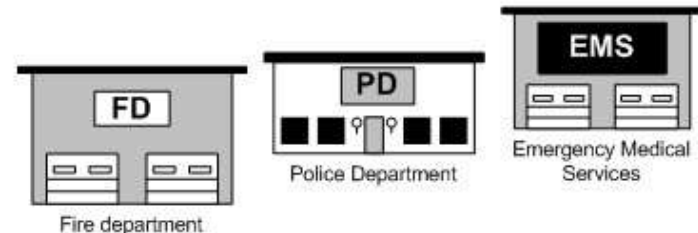


DHFS will manage the receipt and distribution of emergency medicines and supplies

The State will breakdown and transport to:

CDC will deliver emergency medicines and medical supplies to one pre-approved warehouse.

First responders medicines for prophylaxis

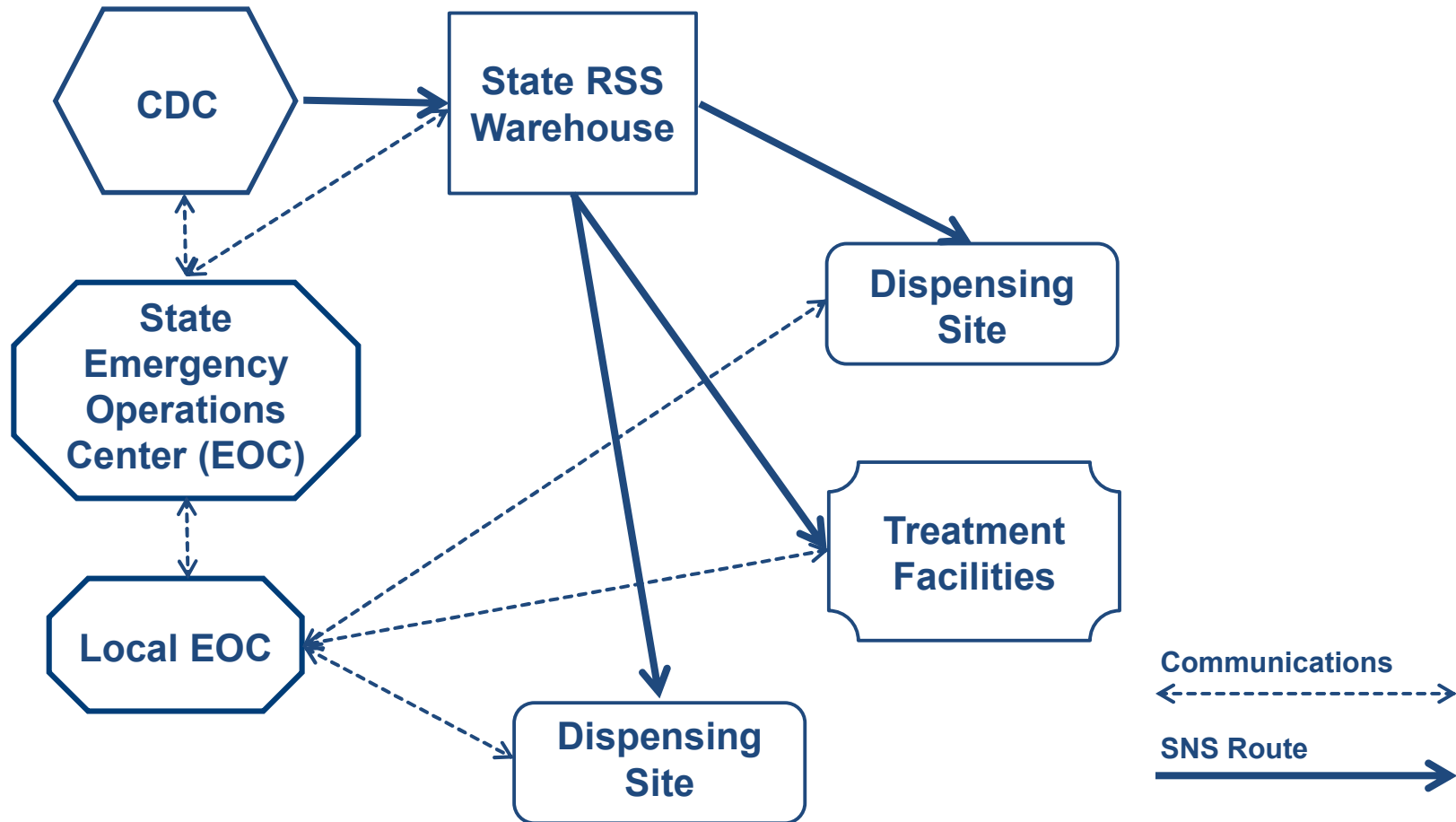


Fire department

Police Department

Emergency Medical Services

Simplified Operations Flowchart



Inventory Management and Tracking System (IMATS)

If this system is not working, we will need a backup to submit orders for supplies from hospitals and EOCs—ARES RACES!

The screenshot shows the IMATS web application interface. The browser address bar displays <https://imats.cdc.gov/im/welcome.faces>. The user is logged in as **Kay Mittelstadt-Lock** (Public Health Administrator, Wisconsin). The navigation menu includes [About](#), [SAMS Home](#), [Logout](#), and a help icon. The main navigation bar features the IMATS logo and the text "Inventory Management & Tracking System", along with buttons for **Inventory Management**, **Data Exchange**, **Reports**, and **Setup**.

A green banner at the top of the main content area displays the message: **✓ No records were found.**

Below the banner, there are four tabs: **Create Receipts**, **Put Away**, **Pick**, and **Ship**. The **Create Receipts** tab is active. A filter section includes a dropdown menu labeled "Filter by: Type" with "All..." selected, and a search box labeled "Find in listing...".

The main content area contains a table with the following columns: **Facility**, **Order Number**, **Supplier/Requested From**, **Order/Ship Date**, **Status**, and **Action**. The table is currently empty, and a message at the bottom of the table reads "Found 0 records".



Medical Counter Measures (MCM) Full Scale Exercise

- The MCM exercise is coming up in preparation for the Democratic National Convention (DNC).
- DHS would like a component of the exercise to be communications with ARES RACES.



SNS Communications



Redundant Communications

- Email
- Cellular
- Wisconsin Interoperable System for Communications (WISCOM) radio
 - ◆ State agencies
 - ◆ Hospitals
- ARES/RACES



ARES/RACES Operating Locations

- State warehouse
 - ◆ Eau Claire County
 - ◆ Dane County
- PODs
 - ◆ Over 700 locations throughout the state (but not all will be used)
 - ◆ Schools and large indoor venues
- Local government
 - ◆ County emergency operations center (EOC)
 - ◆ Public health department operations center



Messages

- POD to warehouse
 - ◆ Medication dispensed
 - ◆ Medication on hand
 - ◆ Request for resupply
- Warehouse to POD
 - ◆ Amount of medication being shipped
 - ◆ Estimated time of delivery
- POD to local EOC
 - ◆ Staffing and resource needs
 - ◆ Problems



SNS Order Form

- Radio-friendly ordering
- Order by line number and quantity

Line No.	Nomenclature Item Description	Qty	U/I	Units in U/I	Category
A1	0.9% NaCl Flush, Preservative Free, 3ml Carpuject		CS	300/CS	ALL
A2	Abdominal pads, 8"x 10"		CS	360/CS	ALL
A3	Carpuject Device		CS	50/CS	ALL
A4	Dopamine HCl 400mg (80mg/ml x 5ml) vial IV		BX	25/BX	ALL
A5	Easy cap II CO2 detector (works w/both size MPR)		CS	24/CS	ALL
A6	Endoreacheal tube guide (Stylette), infant, 6Fr OD		CS	200/CS	ALL
A7	Endotracheal tube guide (Stylette), Adult, 10FR		CS	200/CS	ALL
A13	Endotracheal tube, 8mm ID, HVLP cuff, Murphy, std. connect		BX	10/BX	ALL
A15	Epinephrine auto-injector (0.3 mg x 1:1000)		BX	12/BX	ALL
A16	Epinephrine HCl 1:10000 (10ml) syringe/needle for injection		CS	50/CS	ALL
A17	Gauze sponge, 4"x 4"		CS	1,200/CS	ALL
A18	Gloves, large, non-sterile, non-latex, single		CS	1,000/CS	ALL



Exercise

- Full-scale exercise 2020 or 2021
 - ◆ One-day exercise
 - ◆ Dane, Kenosha, Milwaukee, Ozaukee, Racine, Washington, and Waukesha Counties
- Email us if you are interested
 - ◆ Kay.MittelstadtLock@wisconsin.gov
 - ◆ Joseph.Cordova@wisconsin.gov



Contact Us

Kay Mittelstadt-Lock
State MCM Coordinator
kay.mittelstadtlock@wi.gov
(608)266-3888

Joe Cordova
Emergency Response Coordinator/
Threat Liaison Officer
joseph.cordova@wi.gov
(608)267-9010

DHS Stockpile Program
dhsstockpile@wisconsin.gov



Questions?



DHSPHPQuestions@wisconsin.gov