



ASPR

Strategic National Stockpile Overview

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Disclosures

Presenter has no interest to disclose.

AMSUS and ACE/PESG staff have no interest to disclose.

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Learning Objectives

At the conclusion of this activity, the participant will be able to:

Describe the Strategic National Stockpile and its associated challenges, opportunities, and capabilities to respond to and recover from an emerging infectious disease pandemic.

Strategic National Stockpile

The Strategic National Stockpile (SNS) is the U.S. repository of emergency medical countermeasures (MCMs)



Mission

Prepare and support partners and provide the right materiel at the right time to secure the nation's health

How do we accomplish the mission?

- People
- Product
- Purchasing power

People

- SNS staff of more than 200 civil servants, U.S. Public Health Service officers, and contractors
 - Experts in pharmacy, clinical care, emergency management, medical logistics and operations, quality control, public health, procurement and financial management, information technology, strategic planning, training, policy and communications
- Partnership and collaboration with federal, state, local and private-sector partners

SNS Response Capabilities



Forward
deployed
assets for
immediate use



Rapid delivery
of a broad
spectrum of
support



Large
quantities to
meet specific
requirements

Technical Assistance to state and local partners

Product

- \$7 billion inventory of MCMs
- Approximately 97% of inventory is held in a strategic network of SNS warehouses located across the United States
- A small portion of the SNS inventory is held and managed by commercial vendors
- SNS warehouses are professionally managed by commercial third-party logistics providers

Rationale for Stockpiling

- MCMs normally held for one or more of these reasons:
 - No commercial market exists to ensure production
 - A product is available, but not in sufficient quantities
 - Commercial supply chain not optimized to dispense a product in the right time or amount
- U.S. pharmaceutical supply chain is broad, but shallow
 - Less than 30 day supply for most drugs

Formulary Priorities

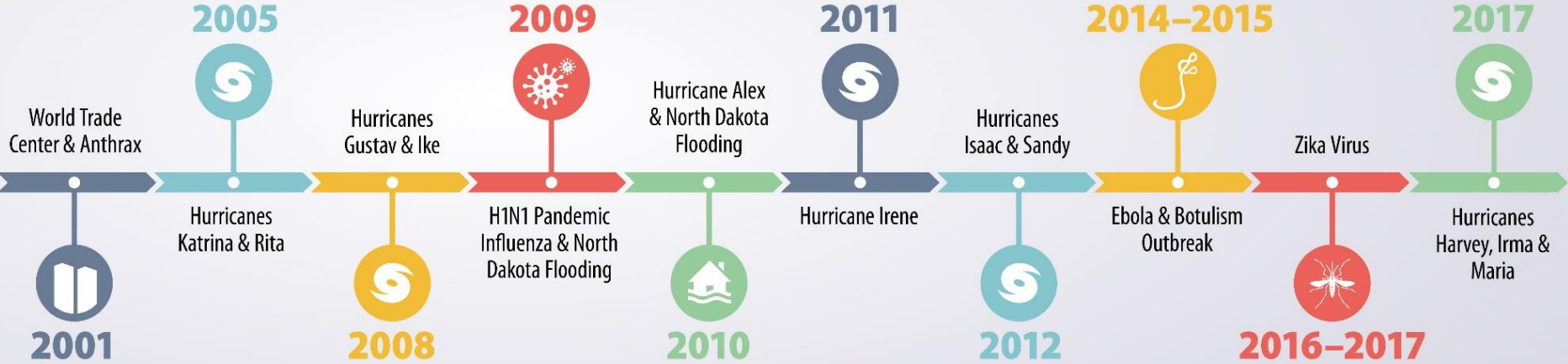
- Category A Threat Agents
 - Smallpox
 - Anthrax
 - Botulism
 - Viral Hemorrhagic Fevers
 - Plague
 - Tularemia
- Chemical nerve agent
- Radiation/Nuclear/Blast & Burn
- Influenza
- Natural Disasters



Purchasing Power

- SNS supplements and resupplies
- Formulary does not cover every possible threat
- Commercial supply chain has an important role
 - Ongoing collaborative work with commercial supply chain partners
 - Integrating SNS and commercial supply chain response planning and capabilities
 - ✓ Simplify response for greater efficiency
 - ✓ Potentially reduce stockpiling requirements for SNS
 - ✓ Strengthen commercial capacity and resilience

Stockpile Responses



Centers for Disease Control and Prevention
Office of Public Health Preparedness and Response

**Not shown above: Frequent small scale responses of unique medical countermeasures for anthrax, smallpox, and routine deployments of jointly rotated vaccine stocks to supply Department of Defense requirements are also a part of stockpile deployments.*

Strategic National Stockpile • www.cdc.gov/phpr/stockpile/

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