



The Strategic National Stockpile and You

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A Sneak Peek

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- What is the Strategic National Stockpile (SNS)?
- What is the history of the SNS?
- What is in the SNS?
- What are the components of the SNS?
- What does the SNS program look like in NH?
- What role might you play in the SNS?
- What is the future of SNS in NH?
- Questions?



...and now for something completely different

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What is your dream job?



A word cloud of various professions and activities. The words are arranged in a roughly circular shape, with some words being larger and more prominent than others. The colors of the words are primarily blue and red.

service.world
medic
traveler
nursing
hero
police
public
restaurant-tester
engineer
ranger
forest
firefighter
trainer
pilot
shopper
secret destinations
member
team
pro
ems
race
driver
guide
hiker
dog
flight
vacation
professor
health
officers

What is the Strategic National Stockpile (SNS) ?

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Caches of pharmaceuticals, medical supplies and equipment that can be rapidly deployed to areas during public health emergencies to supplement local/regional resources that have been depleted or are in danger of being depleted.

- ▶ **Maintained by the Administration for Strategic Preparedness & Response (ASPR)**
- ▶ **4 Main Components:**
 - ▶ Push Pack
 - ▶ Managed Inventory
 - ▶ Federal Medical Stations (FMS)
 - ▶ CHEMPACK
- ▶ **Purchasing Power**
- ▶ **Continuous Process**



Photo from <https://www.npr.org/2022/12/23/1144989780/strategic-national-stockpile-medical-warehouses>

A Little History

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- ▶ Created in 1999
 - ▶ Ensure readiness, for diseases such as:
 - ~ Botulism ~ Anthrax ~ Smallpox
 - ~ Plague ~ Tularemia ~ Viral Hemorrhagic Fever ~ pandemic influenza
- ▶ Homeland Security Act of 2002
- ▶ Project BioShield Act of 2004
- ▶ Moved to ASPR in 2018
 - ▶ Redesigned and enhanced
 - ▶ Division of SNS
- ▶ Trainings and exercises

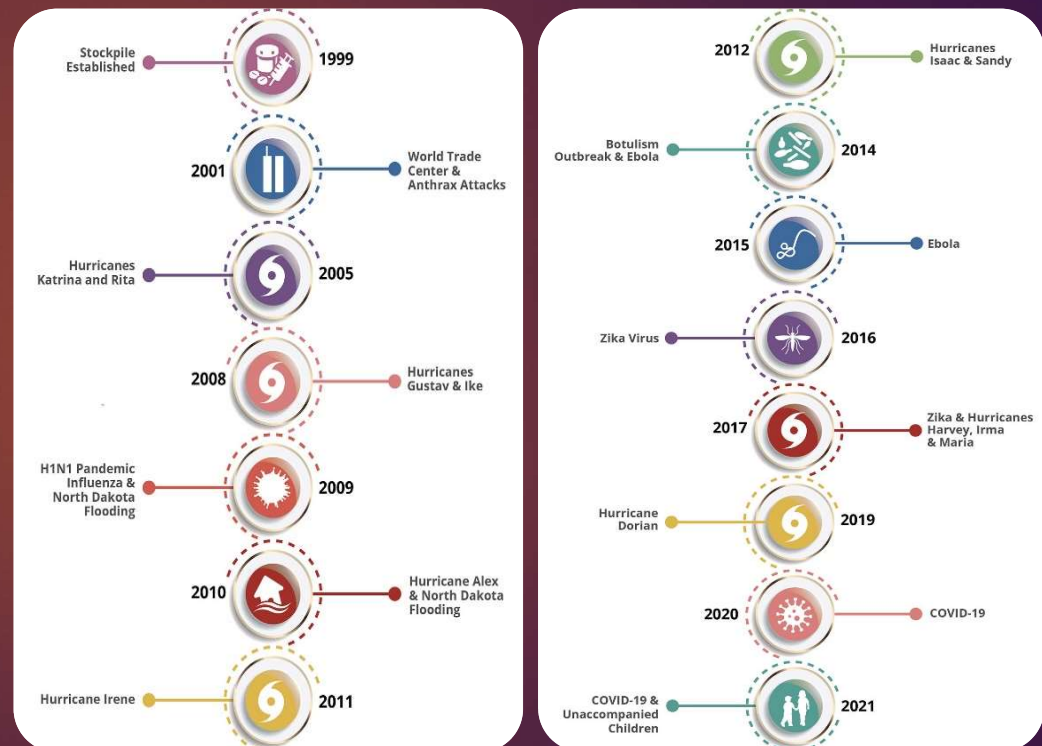


Photo from <https://aspr.hhs.gov/SNS/Pages/Stockpile-Responses.aspx>

What do YOU think is in the stockpile?

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Word cloud containing the following terms: vaccines, ppe, medical supplies, medications, syringes, food, body, antibiotics, ventilators, bags, pharmaceuticals, insulin, ivfluid, cots/blankets, medicatiks, bandagibg, general.

What is in the stockpile – a sampling

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- Broad spectrum oral and IV antibiotics
- Other medications for certain illnesses
- Bandages and wound care items
- Antitoxins
- Vaccines
- Ventilators
- Respiratory supplies
- IV supplies
- Portable dialysis systems
- Covid testing kits and vaccine ancillary supplies

As of October 2022, Personal Protective Equipment Available for Deployment (through SNS):



538 Million
N95 Respirators



4.8 Billion
Gloves



274 Million
Surgical/Face Masks



11.8 Million
Face Shields



59.6 Million
Surgical Gown &
Coveralls



7.6 Million
Goggles

SNS Component – Push Pack

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- ▶ 130 cargo containers
- ▶ Broad-range pharmaceuticals and medical supplies
- ▶ Treatment for broad spectrum of illnesses/threat agents
- ▶ Prepackaged for quick delivery
- ▶ Ill-defined disease/threat



Photo from <https://www.gchd.org/about-us/public-health-preparedness/strategic-national-stockpile>

General categories of contents:

- Oral antibiotics
- Intravenous meds and supplies
- Respiratory meds and supplies
- Pediatric supplies
- Medical/surgical supplies

SNS Component – Managed Inventory

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- ▶ Bulk of Stockpile
- ▶ Pharmaceuticals, Medical Supplies and Equipment
- ▶ Storage facilities or vendor contracts
- ▶ Threat-Specific/customized
- ▶ Speed based on deployability and need
 - ▶ Typically within 24-36 hours
- ▶ First choice or follow up to Push Pack
- ▶ Increased variety of items



Photo from <https://scm.ncsu.edu/scm-articles/article/re-thinking-the-strategic-national-stockpile>

SNS Component – Federal Medical Stations

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▶ **Federal Medical Stations (FMS)**

- ▶ Assist with patient surge
- ▶ 50 – 250 patients
 - ▶ Primary or critical care
- ▶ Pre-identified locations
- ▶ Tailored to situation
- ▶ ASPR provides start-up supplies
- ▶ Jurisdiction responsible for staffing and wrap-around logistics



Photo from <https://aspr.hhs.gov/SNS/Pages/Federal-Medical-Stations.aspx>

SNS Component - CHEMPACK

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- ▶ Forward-placed caches of Organophosphate/Nerve Agent antidotes.
 - ▶ Faster response times
 - ▶ Quicker treatment to limit morbidity and mortality
- ▶ EMS and Hospital configurations
- ▶ Supplement state and local antidote stocks.
- ▶ Containers can be prepositioned near events and 'target rich environments.'



Photo from <https://aspr.hhs.gov/SNS/Pages/CHEMPACK.aspx>



Photo from <https://delvalle.bphc.org>

- ▶ State oversight
 - ▶ Cache site (Hospital) partnership
- ▶ Federally-managed = sustainable and cost-effective.
 - ▶ Shelf Life Extension Program

SNS in New Hampshire

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- ▶ Funding through CDC Public Health Emergency Preparedness cooperative agreement
 - ▶ Establish and maintain Point of Dispensing (POD) or Dispensing/ Vaccination Clinic (DVC) sites
 - ▶ Maintain Receive, Stage, Store (RSS) warehouse
 - ▶ Planning, Training, and Exercises
 - ▶ Points of Distribution (POD) and Dispensing/ Vaccination Clinics (DVC)
 - ▶ CHEMPACK
 - ▶ Receive, Stage, Store (RSS – warehouse)
- ▶ Operational Readiness Review
- ▶ Cooperation and coordination among multiple partners
 - ▶ Increased level of preparedness to respond to real incident
 - ▶ Familiarity with program and process

Just another day....

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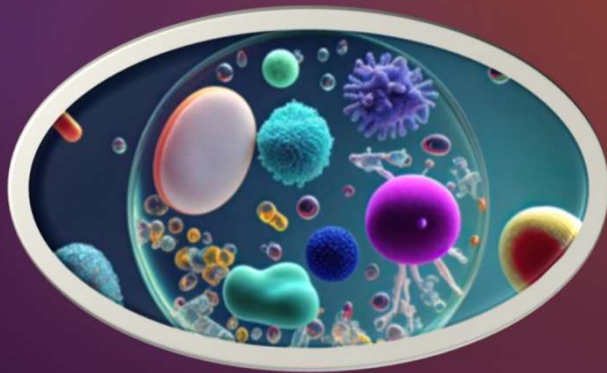


Uh oh! Houston, we have a problem!

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BACTERIAL MENACE SWEEPING THE STATE!

- Causes severe symptoms
- High mortality rate
- Spreads rapidly and easily



Shortage of pharmaceuticals and PPE

Strained medical facilities

Staffing concerns

Volunteers Needed!

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The Push Pack Arrives

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- 130 large cargo containers full of a wide variety of STUFF arrives
- NH DHHS needs help! Just some of the tasks to be completed:
 - Receiving
 - Put away
 - Storing
 - Picking
 - Loading
 - Delivering
 - Paperwork/reporting



Distribution

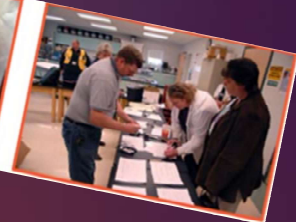
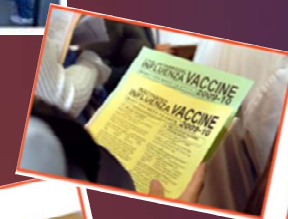
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- ▶ Deliver to Regions
- ▶ Same tasks as RSS
- ▶ Different locations



Point of Dispensing Dispensing/Vaccination Clinic

- ▶ Multiple roles, including (but not all!):
 - ▶ Greeting and Triage
 - ▶ Registration
 - ▶ Screening
 - ▶ Dispensing
 - ▶ Behavioral Health
 - ▶ Medical Consult
 - ▶ Traffic control/parking
 - ▶ Vaccinator, if applicable
 - ▶ Exit
- ▶ Clinical and non-clinical



Other Possibilities....

- Call center
- Communications
- Trainings and Exercises
- Federal Medical Station
- Pet assistance



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The Future of SNS in NH

- ▶ Continue to create and build strong relationships
 - ▶ State, local, and private partners
 - ▶ Regional Public Health Networks
- ▶ Proactive outreach
 - ▶ Workshops
 - ▶ Training (online and in person)
 - ▶ Exercises
- ▶ Plan, policy, and procedure maintenance
 - ▶ Lessons learned from previous responses
- ▶ Always look for ways to improve the program and collaboration



Pics from past exercises

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Pics from past exercises

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Pics from past exercises

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Pics from past exercises

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Pics from past exercises

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Pics from past exercises

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Vaccinations

Continued from Page A1



Army Spc. Jeff Hagan fills a syringe with flu vaccine during the drive-up flu clinic in Hillsborough.

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through registration and vaccination.

"We wanted to practice in small numbers," said Carrier. "And the Guard gave us a captive audience."

Each year, the soldiers are required to get a flu shot, according to Maj. Mike Terry, and since this was a drill weekend, it made sense to bring the soldiers in for the test run of the clinic. Terry said he was happy to give DHHS an opportunity to test the clinic, but said it was also good training for some of the soldiers who participated in administering the vaccines.

The challenge for the de-

partment was to get as many people through the clinic as quickly and safely as possible.

"The biggest task is controlling traffic so we don't have accidents," said Carrier. "Our goal is to not have bottlenecks at any time so we can keep things moving."

Each soldier was registered upon entering the line by having his or her driver's license scanned into a handheld device. A bar code carrying the person's identity was then affixed to the soldier's arm. That enabled volunteers at the vaccination station to keep track of who was getting the shots.



Volunteers give flu shots to members of the Army National Guard in Hillsborough on Saturday morning during the state Department of Health and Human Services' first practice of a drive-up vaccination clinic.

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Soldiers test drive-up vaccine program

◆ **For emergencies:** The state is required to be ready to respond to crises.

By NANCY BEAN FOSTER
Union Leader Correspondent

HILLSBOROUGH — Members of the Army National Guard in Hillsborough received annual flu shots without leaving the comfort of their cars Saturday as the Department of Health and Human Services practiced its first drive-up vaccination clinic.

Under guidance from the Centers for Disease Control, each state needs to be prepared to offer vaccinations or antidotes to threats such as anthrax if an emergency situation arises, according to Vicki Carrier of the DHHS Emergency Services Unit. One of the ways the department is exploring to deliver emergency medicine as quickly as possible, and to as many people as it can, is through drive-up clinics.

"We must be prepared to safely and efficiently be able

to get everyone in the state treated in case of an emergency," said Carrier. "We have a population of 1.3 million people in the state, and that's a large population to provide for."

On Saturday, the department partnered with the Army National Guard's 744th Forward Supply Company in Hillsborough to hold its first drive-up clinic, which allowed soldiers to sit in their cars while they went

► See Vaccinations, Page A6



Sgt. Joe Reed gets a flu shot from volunteer Kim Galbraith during a drive-up flu clinic for Army National Guard members in Hillsborough on Saturday.

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The bar codes also help the department keep track of the clinic's efficiency, so tweaks can be made to improve delivery, such as by adding personnel to the registration line or increasing

the number of vaccination stations.

In all, the department was prepared to give 75 vaccinations on Saturday, and the troops seemed happy with the clinic.

"We're fortunate to be able to work with a very special population," said Carrier. "They're very good-natured, and we haven't had an accident."

nbfoster@newstote.com

Please list at least one thing you learned from today's presentation

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"Response"

"Chempacks"

"Chempacks!"

"That there are 10 pods [CHEMPACK] located throughout NH"

"It takes a lot of folks to manage"

"Comprehensive knowledge of NH SNS OPS"

"How many SNS sites there are"

"Logistics"

"SNS purpose"

"Chempacks"

"SNS history"

"There are caches of needed supplies"

"Depth of medical response and resources availability"

"Acronyms"

"10 SNS [CHEMPACK] sites"

"Pushpack"



Questions?



Thank you!

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