

Dearborn County Health Department



Dearborn County Court House

Mass Prophylaxis & All Hazards Emergency Plan

Dearborn County Health Department Prophylaxis Plan

Goals & Objectives

The primary goals & objectives of a mass prophylaxis operation are to:

- Provide prophylaxis to the at-risk or exposed population as quickly as possible in order to maximize population resistance to the agent and limit the number of cases requiring medical treatment.
- This Mass Prophylaxis and All Hazards Plan is to operate and in compliance with NIMS protocols and as part of the comprehensive emergency plan.
- Educate the general public regarding the nature of the disease and the expected disease course.
- Minimize the economic, emotional, and health threats to the community.
- Utilize the resources of the Strategic National Stockpile to augment local pharmacological inventories. The SNS will be requested by locale, State, or federal authorities reliant upon triggers established by DCHD, ISDH and the CDC.

Three distinct groups may be prophylaxed during a declared emergency event. The decision team accordingly prioritizes those groups and specifies the period in which each group is to be treated. The EMA Director/Incident Commander has finale authority in the management and direction of the emergency event.

Dearborn County Indiana Mass Prophylaxis Plan

Justification

This plan will work in conjunction with the Dearborn County Emergency Management Plan. The information in this plan will allow public health officials to perform the required duties related to Mass Prophylaxis under Section M paragraph 1.A.1 of the Dearborn County Comprehensive Hazard Analysis Plan.

The Plan contains protocols and procedures necessary for the provision of mass prophylaxis in compliance with Homeland Security Presidential Policy Directive/PP-8 National Preparedness and 410 IAC 1.2.3. Assistance from other Emergency Support Functions may be required for effective POD operations. These tasks ARE NOT detailed in this plan. Please refer to Dearborn County Emergency Management Plan for further details.



Bill Black, Jr., Dearborn County Emergency
Management Director

5-19-11

Date

Many Components to CEMP

- The Dearborn County Comprehensive Emergency Management Plan is Vast
- There are roughly 15 different service functions covered by the CEMP
- Public Health is but one service function area
- This area is known as ESF 8 – Emergency Service Function 8 – Public Health

ESF 8: Public Health

- The Mass Prophylaxis and All Hazards Plan is not intended to cover all aspects of ESF 8, but rather a main component to help address critical issues involving ESF 8
- This Service Function Area involves all partner agencies and cannot be handled by the Health Department alone
- The Health Department encourages all affected agencies to participate in roundtable discussions on updating the county's CEMP

ESF 8: Public Health, continued

- The Mass Prophylaxis and All Hazards Plan is vital to the ESF 8 service area, and has been a main component to the CEMP
- The rest of this presentation will surround this component of the Emergency Service Function 8 Area.
- Many times the department will be called upon to provide medicines, or vaccinations, in a timely manner, these are referred to as PODs

What is a POD?

Point of dispensing (POD) - a place where an antibiotic or other medication is dispensed quickly to a large group of people.

- Community members
- Hospital staff & patients



Why would a POD be activated?

When the local jurisdictions have declared an emergency and requested the SNS

- When the local jurisdiction has determined there is a medical emergency that warrants the distribution of medication/vaccine to a large number of people.

What Kinds of Emergencies Might Require a POD?

- Natural disaster
- Bioterrorism attack
- First responder:
tetanus, hepatitis A
- Medical reception
center after a disaster



What Kinds of Situations Might Require a POD?

- ⦿ After extensive flooding, to vaccinate many people for Hepatitis A.
- ⦿ After a bio-terrorism attack to distribute antibiotics to all the people exposed.
- ⦿ Food and Ice Distribution Center

Basic facts

Anthrax is used for planning purposes since it has a 48 hour treatment clock.

Small Pox is 10 days.

POD will be set up and operational within 12 hours of the Centers for Disease Control's decision to deploy.

Everyone is issued antibiotics for a 10-day regimen. The State's Epidemiologists will work with the County Health Departments to identify exposed individuals who will require additional treatment.

What is the Strategic National Stockpile? (SNS)

A large, Centers for Disease Control-managed stockpile of medicine and medical supplies to protect the American public if there is a public health emergency severe enough to cause local supplies to run out.

You can learn more about the Strategic National Stockpile at <http://www.bt.cdc.gov/stockpile>



Strategic National Stockpile Components

- **Push Pack/12 Hours**



- **Managed Inventory/ 24-36 hours**



SNS Responsibilities

○ SNS

- Send medications / vaccines
- Provide technical assistance

○ State governments

- Demonstrate need for supplies
- Receive, stage and store supplies

• Local jurisdiction

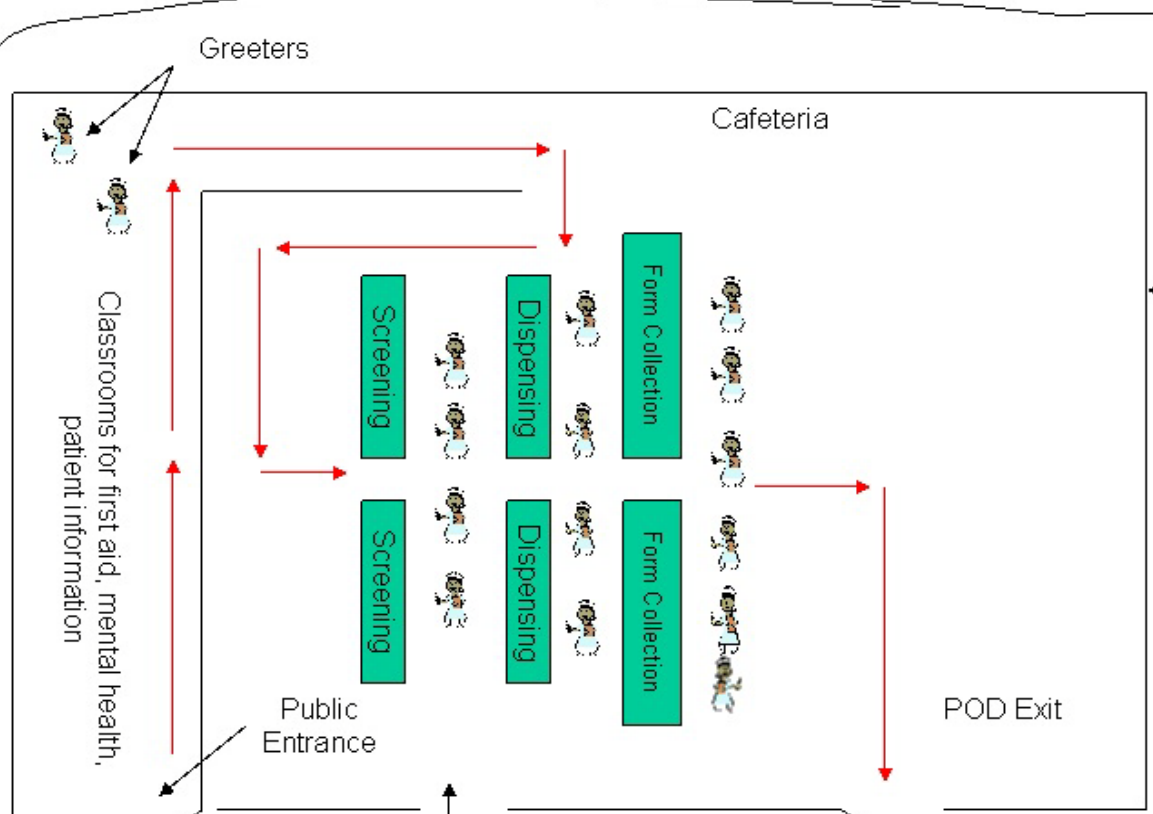
- Maintain and secure SNS assets
- Dispense to their entire population

How Will a POD Be Set Up?

- The layout of a POD is designed to facilitate accurate and rapid dispensing of a specific medication/vaccine
- Basic POD floor plan
- Variation
 - Situation
 - Local circumstances



POD Entrance and Triage



Greeters

Cafeteria

Classrooms for first aid, mental health, patient information

Screening

Dispensing

Form Collection

Screening

Dispensing

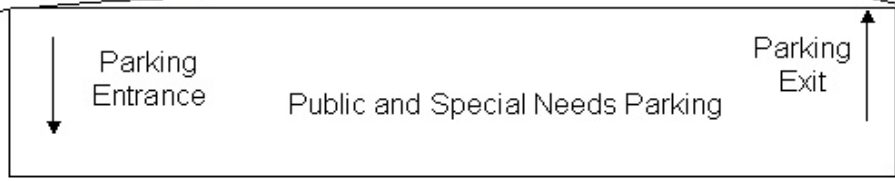
Form Collection

Public Entrance

POD Exit

Special Needs Entrance Only

Loading dock



Parking Entrance

Public and Special Needs Parking

Parking Exit

POD Exit

How will a POD be staffed?

- It takes many people to run a POD
 - Number and mix of skills depends on situation
- Source of staff
 - Public health employees (10% or less)
 - Other first responders (10% or less)
 - Volunteers (**80% or more**)
- Representing many professions, disciplines, agencies, and backgrounds.

Dearborn County Mass Immunization/Mass Prophylaxis Staff Model: Core/Support

Minimum Mass Clinic Personnel Needs

Assumptions: For All Clinics—supplies and vaccines/prophylaxis are adequate and present. This is a non-mobile clinic. Approximately 50,000 persons in approx 84 hour period (10 per minute) to be vaccinated/dispensed. (Plan based upon two POD locations).
Dearborn County Population Estimate-50,500

Influenza/Vaccine Clinic Personnel		Prophylaxis Clinic Personnel-Utilizing Head of Household Plan	
Qty.	Staff Function	Qty.	Staff Function
1	Physician-in-charge (off-site)	1	Physician-in-Charge (off-site)
1	POD Director/IC	1	POD Director/IC
5	Triage/Greeter-First Responder	5	Triage/Greeter-First Responder
2	Registration/Forms Distribution	2	Registration/Forms Distribution
1	Client Educator	1	Client Educator
2	Medical Screeners	2	Medical Screeners
1	Vaccinator's Assistant	1	Pharmacists
4	Vaccinators	3	Dispensers
2		2	EMS
2	Data Entry	2	Data Entry
4	General Help/Float Staff	4	General Help/Float Staff
7	Security	7	Security
2	Supply Personnel	2	Supply Personnel
1	Translator	1	Translator
1	Technical Support	1	Technical Support
2	Crisis Counselor	2	Crisis Counselor
1	Safety Officer	1	Safety Officer
1	Exit Review	1	Exit Review
40	Total Staff per POD	39	Total Staff per POD

QUESTIONS ?????