

Medical Countermeasure Planning in NYC

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Countermeasures Response Unit
Office of Emergency Preparedness and Response

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Inhalational Anthrax

- Clinical Manifestations
 - Incubation period – 1-5 days
 - Acute phase – within 3-5 days – death can occur within 24 hours of onset of acute phase
- Pathogenesis of Disease
 - Anthrax spores deposited deep into the lungs
 - Toxin causes internal injury: lungs fill with fluid
- No Human to Human Transmission
- Treatment
 - IV antibiotics administered in ICU
 - Case fatality rate ~ 75% even with treatment

NYC High Risk

Demographics

- Residents: 8.3M
- Population Density: 27,000/sq mi
- Tourists: 52.7M per year
- Foreign born: 36.9%
- 170+ languages spoken

Regional Transportation Hub

- 1.4M people commute into Manhattan
- 4.9M ride the subway each work day

International Transportation Hub

- 100 million travelers annually

International Icons/Landmarks

- United Nations, Wall Street, Empire State Building

Large Planned Events

- United Nations General Assembly, New Year's Eve, Thanksgiving Day Parade

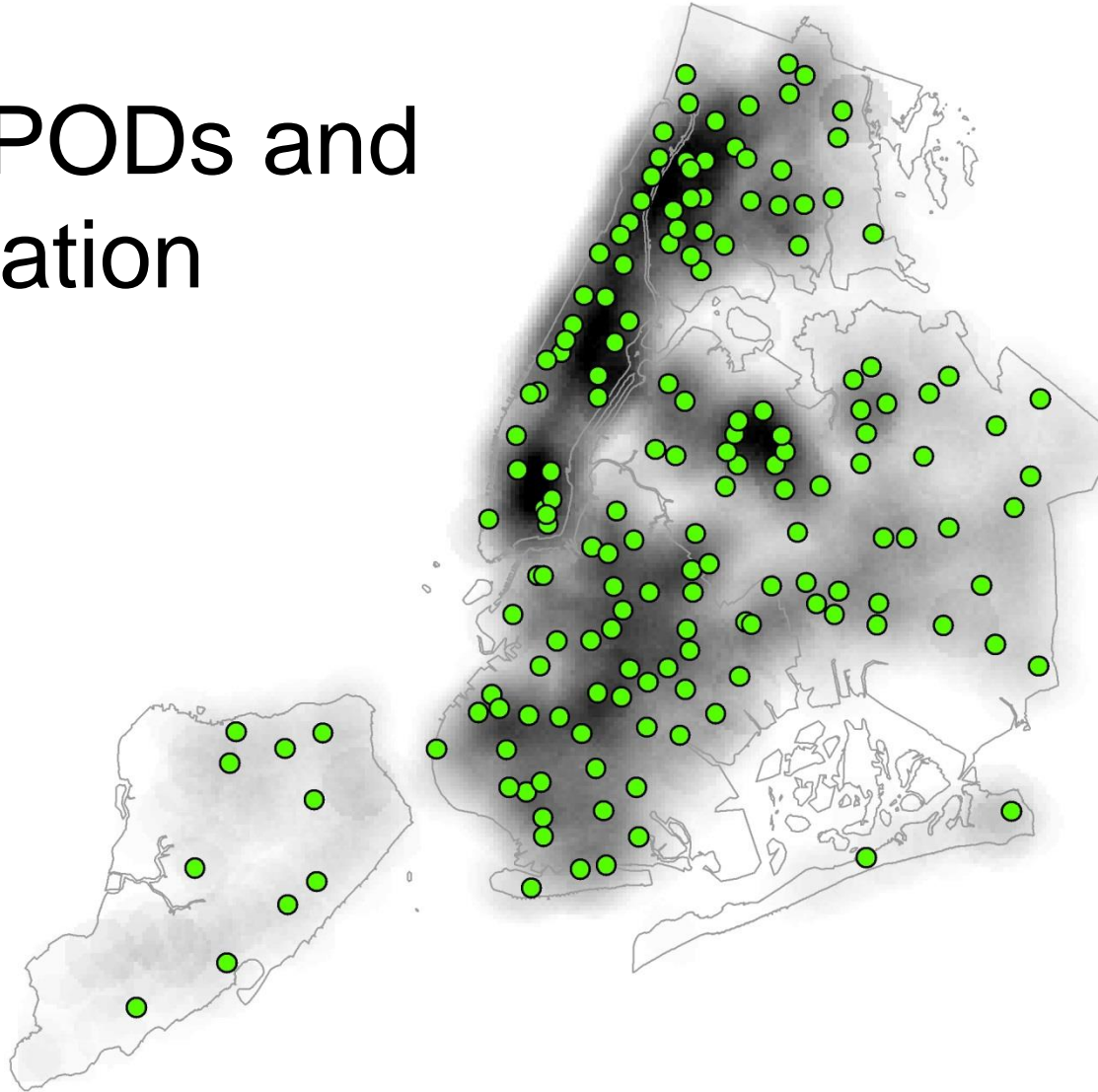


Anthrax Response

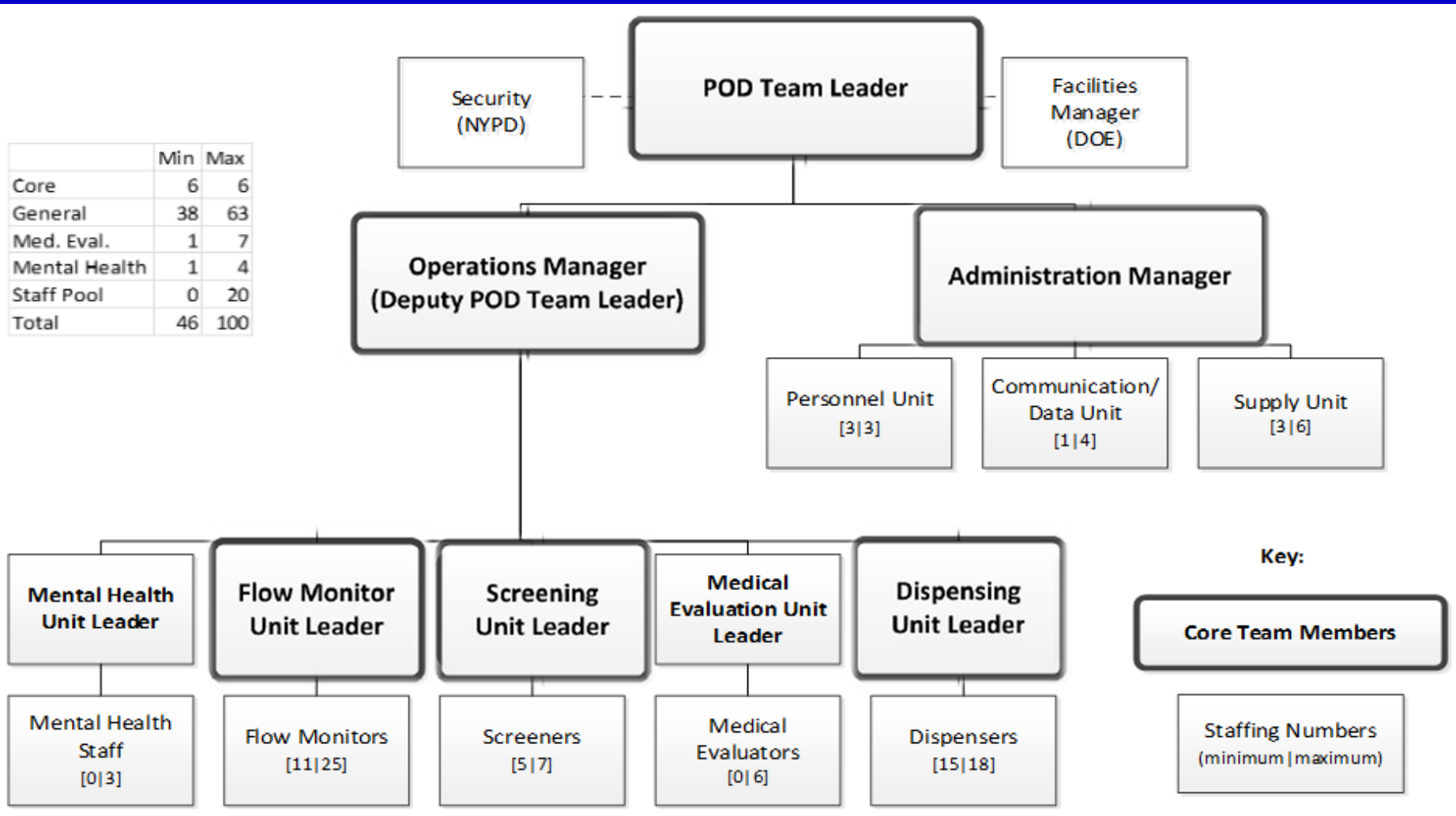
- Risk to NYC
 - Dense population
 - Transit System
- Post Exposure Prophylaxis (PEP)
 - The City of New York must dispense oral antibiotics to everyone in the city who has possibly been exposed in 36 hours or less
 - Points of Dispensing will be primary mechanism

Point of Dispensing Planning

NYC PODs and Population



POD Staffing Structure



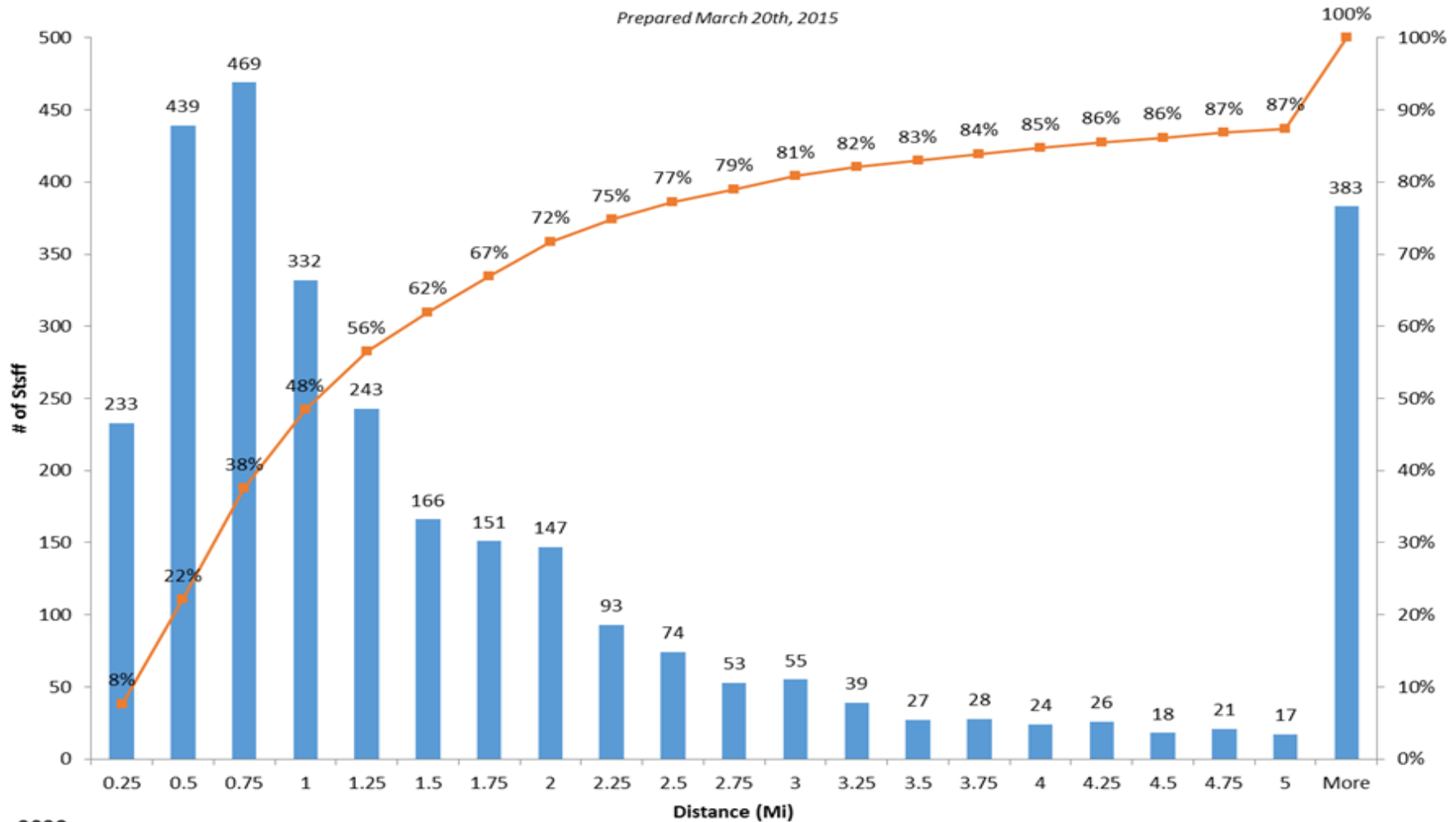
POD Staffing

- POD Core Team Members
 - Mandatory assignment to PCT position
 - Assigned by position and home address to POD site
 - Mandatory training
- General Staff
 - Testing “over-assignment ” of City staff to POD sites by home address
 - JIT training

POD Staff-Site Assignment


POD Core Team and Distance to Assigned PODs

Frequency Cumulative %
Prepared March 20th, 2015




n=3038

EDB: Tracking and Assignment



My Profile

Home



Services for Me

- Update My Contact Information
- DOHMH eForms
- Access the DOHMH Service Desk
- Compliance Administration and Training
- Find my EDB Coordinator(s)
- Find my ICS Coordinator
- Find my COOP Coordinator

My Job Requirements (Updated 04/12/2015)

Required Trainings

- Biannual ICS Leadership and DEOC Functional Exercise
- CIMS 300 (ICS 300)
- City-wide Incident Management System (CIMS) Orientation
- Defensive Driving - 6 hour
- DOHMH Staff Emergency Roles

POD Core Team Operations

IS-200.b (ICS 200) ICS for Single Resources and Initial Action Incidents

✖ Register for POD Training
(this notification will appear until 04/12/2015)

Dear David T. Starr,

As you know, you have been identified as a Point of Dispensing (POD) Core Team member by your Division. More information on PODs can be found [HERE](#). POD Core Team (PCT) members are required to attend in-person PCT Operations Training every other year and take the PCT Online Refresher Training in the alternate years. You are receiving this notification because you are currently not compliant with the PCT Operations Training requirement.

1. Click [HERE](#) to access HealthNet
2. Type "POD" in the upper right-hand search box and click "Go"
3. Locate "POD Core Team Operations Training" and click "Go" **next to "View Sections"**
4. Locate the date you want to attend training and click "Go" next to "Enroll"

For questions about the POD Core Team Training, please contact the POD Planning Group at podplanning@health.nyc.gov. If you have enrolled in this course within the past 2 weeks, please disregard this notification.

NYC Health

Sign-In As A Different User

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Sisters

12

S On-Call List

Go to the Emergency Role Dashboard
View the DOHMH Emergency Number List

POD Site Page

NYC Health THE NEW YORK CITY DEPARTMENT OF HEALTH AND MENTAL HYGIENE

SharePort
nyc.gov/health

David Starr

BROWSE PAGE


COH FDC Divisions Emergency Management Collaboration Sites Records & Documents Resources

Search this site EDB Search

POD Site and Core Team Information

M090 - I.S. 90 Mirabel Sisters School

21 Jumel Place, Manhattan 10032



The map shows the location of I.S. 90 Mirabel Sisters School, marked with a red dot. The school is located at the intersection of W 167th St and W 168th St, near High Bridge Park and the Harlem River. The map includes a scale bar from 0 to 0.2 miles and a north arrow.

Emergency Alert Details

There are no items to show in this view of the "Emergency Alert For All PODs" list. To add a new item, click "New".

How to Use This Page

- Download and print (in black and white) the important pages of the **POD Manual**. The most important pages are located in the front of the manual, including building and POD floorplans.
- Download and print the **POD Procedure Guide**. The **POD Procedure Guide** is a setup and operations guide that incorporates all elements of the old Job Action Sheets and Field Guide into a single comprehensive document. The **POD Procedure Guide** should be printed single-sided for ease of use.
- Review **Preparing to Respond** for general guidance on responding during emergencies.
- Review the list of **Staff Assigned to This POD Site** on this page.

POD Manual for This Site & Other Critical Documents

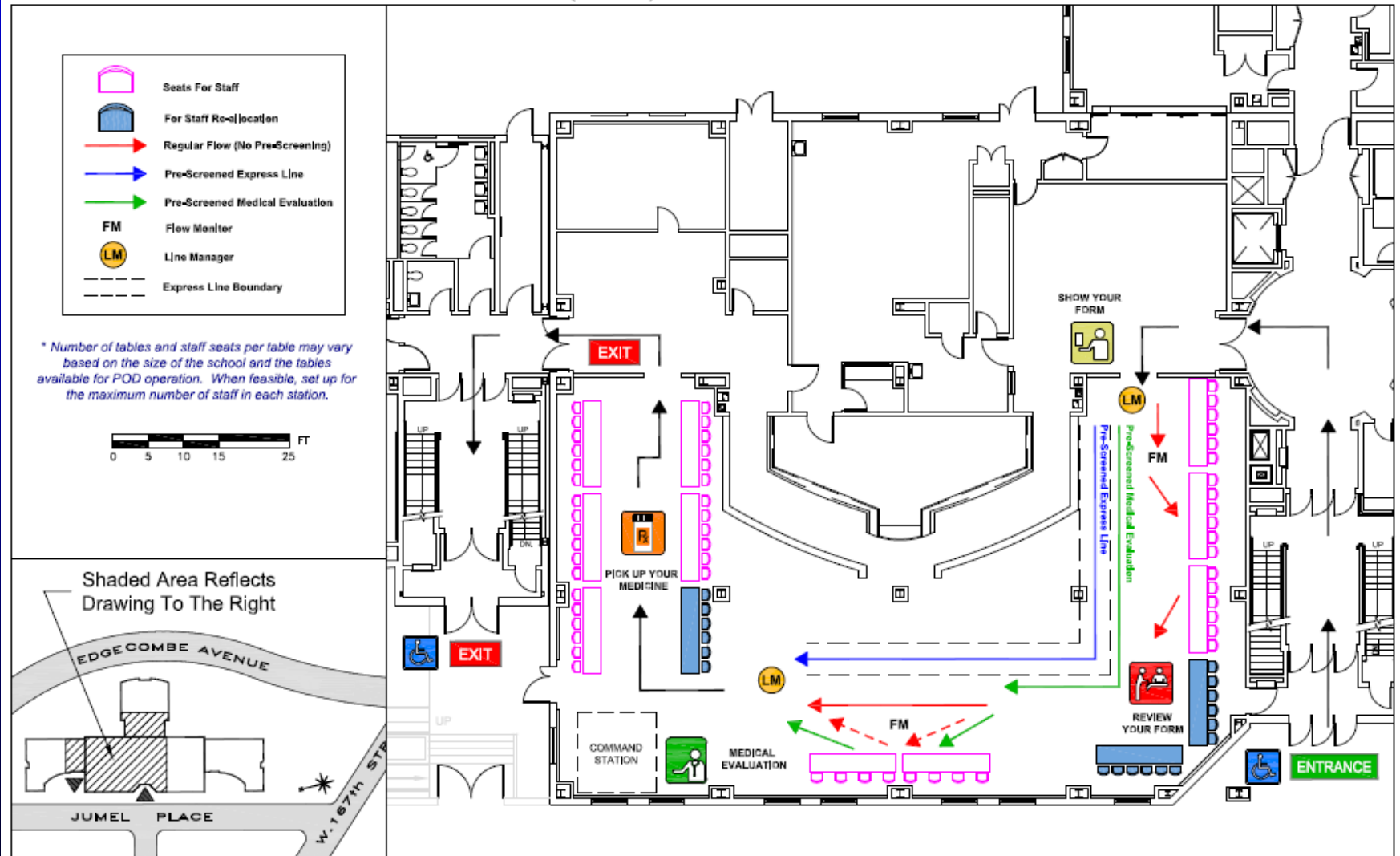
Name	Document Type†	DOE Code:POD Site Name
M090 - I.S. 90 Mirabel Sisters School	POD Manual	
POD-Procedure-Guide		
Preparing to Respond		

Staff Assigned to This POD Site

POD Position	Name	Work Phone	Email	Work Cell
Administration Manager	Alice Poteat	347-396-6648	fpoteat@health.nyc.gov	

POD Site Manuals

Recommended POD Layout: Antibiotic Distribution (M090) I.S. 90- First Floor



0 0.1 0.2 0.4 0.6 Miles

H Hospital
Education



Last Updated: 3/27/2014

NYC
Health

POD Procedure Guide



Response I
Date Last F

Objective
To provide Briefings for

Procedure

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Related Documents

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2. SD
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Office of Emergency Preparedness and Response
Countermeasures Response Unit

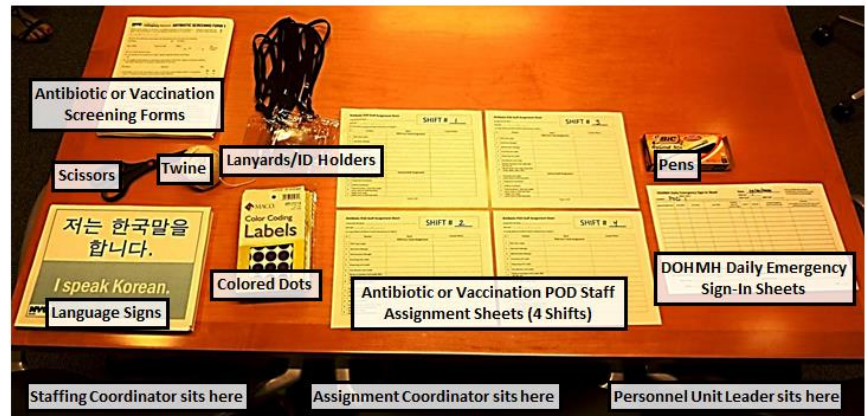
Supporting Document

Response Phase: Preparedness	Section: Point of Dispensing	Document Code: SD-P-PD-001
Personnel Station Setup Photo		
Last Revised or Reviewed: 20151019	Owner: David Starr	

Objective

To provide POD Core Team with visual instructions for Personnel Station setup.

Items in photo	Location
Antibiotic or Vaccination Screening Forms	Rolling Container 3 Paperwork Bin 1
Antibiotic or Vaccination POD Staff Assignment Sheets	
DOHMH Daily Emergency Sign-In Sheets	
Pens	Rolling Container 3 Personnel Bin 1
Lanyards	
ID Holders	
Colored Dots	
Scissors	
Twine	Rolling Container 3
Language Signs	



- This photo shows 3 Personnel Station positions on 1 table. When setting up the Personnel Station use 2 tables and spread out the Personnel Station positions.
- Keep Personnel Bin 1, Personnel Bin 2, and Paperwork Bin 1 in the Personnel Station. Do not allow anyone to take these bins from the Personnel Station.
- If there are items in the bins that are not in the photo leave them in the bins.

Designee Pickup Policy

Distribution of Household Size in NYC Counties

BY HOUSEHOLDS												
	NYC		Bronx		Kings		New York		Queens		Richmond	
Household Size (persons)	# of households	cumulative %	# of households	cumulative %	# of households	cumulative %	# of households	cumulative %	# of households	cumulative %	# of households	cumulative %
1	963,492	31.9	126,799	27.4	244,650	27.8	354,528	47.9	200,616	25.7	36,899	23.4
2	807,475	58.6	112,610	51.8	233,807	54.4	209,877	76.2	208,123	90.3	43,058	28.1
3	491,887	74.9	88,089	70.8	155,508	72.1	81,541	87.2	137,172	93.8	29,577	48.4
4	381,085	87.5	65,872	85.1	118,195	85.6	50,797	94.1	118,580	96.7	27,641	73.7
5	205,893	94.3	38,584	93.4	65,378	93.0	24,506	97.4	63,967	98.4	13,458	89.1
6	94,119	97.5	16,996	97.1	31,661	96.6	10,818	98.8	29,907	99.2	4,737	95.6
7	36,622	98.7	7,052	98.6	13,601	98.2	3,888	99.4	10,725	99.5	1,356	97.8
8	18,157	99.3	2,842	99.2	7,349	99.0	2,151	99.6	5,150	99.7	665	99.0
9	10,105	99.6	1,717	99.6	3,988	99.5	1,214	99.8	3,013	99.8	173	99.3
10	5,646	99.8	773	99.8	2,189	99.7	704	99.9	1,948	99.9	32	99.4
11	3,210	99.9	617	99.9	1,256	99.8	235	99.9	930	100	172	99.9
12	2,260	100.0	446	100	798	99.9	355	100	661	100	0	99.9
13	378	100.0	0	100	276	100	35	100	67	100	0	99.9
14	354	100.0	23	100	153	100	61	100	117	100	0	99.9
15	199	100.0	23	100	56	100	27	100	72	100	21	99.9
16	47	100.0	0	100	26	100	0	100	21	100	0	99.9
17	15	100.0	0	100	15	100	0	100	0	100	0	99.9
18	36	100	0	100	18	100	0	100	0	100	18	100
Total	3020980	100	462443	100	878924	100	740737	100	781069	100	157807	100

Automated Antibiotic Screening Form

Doxycycline

Provide the following information for the person who will take the antibiotic.

First Name MI Last Name
Date of Birth Home Zip Code Weight lbs OR kg Sex ☐ Female ☐ Male

Fill in as appropriate below.

- ☐ I am picking up the antibiotic for myself. I agree to take the antibiotic as directed.
OR
☐ I am picking up the antibiotic for the person named above on this form. I agree to provide the antibiotic and written instructions to the person named above on this form.

Print Name _____ Signature _____ Date _____

- | | Yes | No |
|--|-----------------------|-----------------------|
| 1. Is the person who will take the antibiotic known to have had a <u>severe allergic reaction</u> to doxycycline ("doxy") or tetracycline antibiotics that required medical attention? | <input type="radio"/> | <input type="radio"/> |
| 2. Is the person who will take the antibiotic pregnant or does she think she may be pregnant? | <input type="radio"/> | <input type="radio"/> |
| 3. Is the person who will take the antibiotic known to have had a <u>severe allergic reaction</u> to ciprofloxacin (Cipro) or other fluoroquinolones that required medical attention? | <input type="radio"/> | <input type="radio"/> |
| 4. Does the person who will take the antibiotic have <u>myasthenia gravis</u> ? | <input type="radio"/> | <input type="radio"/> |
| 5. Is the person who will take the antibiotic taking tizanidine (Zanaflex) or theophylline? | <input type="radio"/> | <input type="radio"/> |
| 6. Does the person who will take the antibiotic have kidney failure or is he or she on dialysis? | <input type="radio"/> | <input type="radio"/> |
| 7. Does the person who will take the antibiotic weigh less than 67 pounds or 31 kilograms? | <input type="radio"/> | <input type="radio"/> |

THIS SECTION FOR POD STAFF ONLY

Medical Evaluation

- ☐ Doxycycline ☐ Rx: Ciprofloxacin suspension _____mg BID X10 days
☐ Ciprofloxacin ☐ Rx: Amoxicillin _____mg TID X10 days
☐ Rx: Clindamycin _____mg TID X10 days
☐ Rx: Rifampin _____mg QD X10 days

Signature _____ License # _____

Screening

- ☐ Doxycycline (C)
☐ Doxycycline Only
☐ Ciprofloxacin Only
☐ Medical Evaluation

Initials _____

Reset

Print

- PDF file – no link to any database
- Automatically screens individual based on answers to screening questions
- Can be filled out manually - no IT requirement

Public Health Emergency Response Network Auxiliary Distribution Program (PHERN ADP)

Public Health Emergency Response Network Auxiliary Distribution Program (PHERN ADP)

- Facilities register and sign an agreement with DOHMH
- Provide number of residents and staff at their facility
- Information is updated quarterly

Auxiliary Distribution Planning

- Long-Term Care Facilities
 - 45/173 – 12,562 clients; 19,429 staff
- Adult Care Facilities
 - 34/77 – 5,229 clients; 1,905 staff
- Inpatient Psychiatric Facilities
 - 6/6 – 1,440 patients; 4,402 staff

Emergency Medical Logistics Planning

Receiving and Distribution



Receiving and Distribution

- Private Distribution Facility
 - Under contract since 2004
 - Staffed 21 hours per day 6 days/week
- City Central Storehouse
 - First to receive SNS assets in 2001
- Tecsys Warehouse Management System
- Private freight broker
 - 930 truck pallet positions; 30 vans for continuous use

Transportation Security

- SNS Transportation Security Group
 - Workshop in October 2010
 - NYPD, PANYNJ, NJSP, USMS
 - Draft SNS Transportation Security Operations Plan
 - TTX June 2012
 - NYPD, PANYNJ, NJSP, DCAS, USMS
 - AAR to inform further SNS TSO Plan

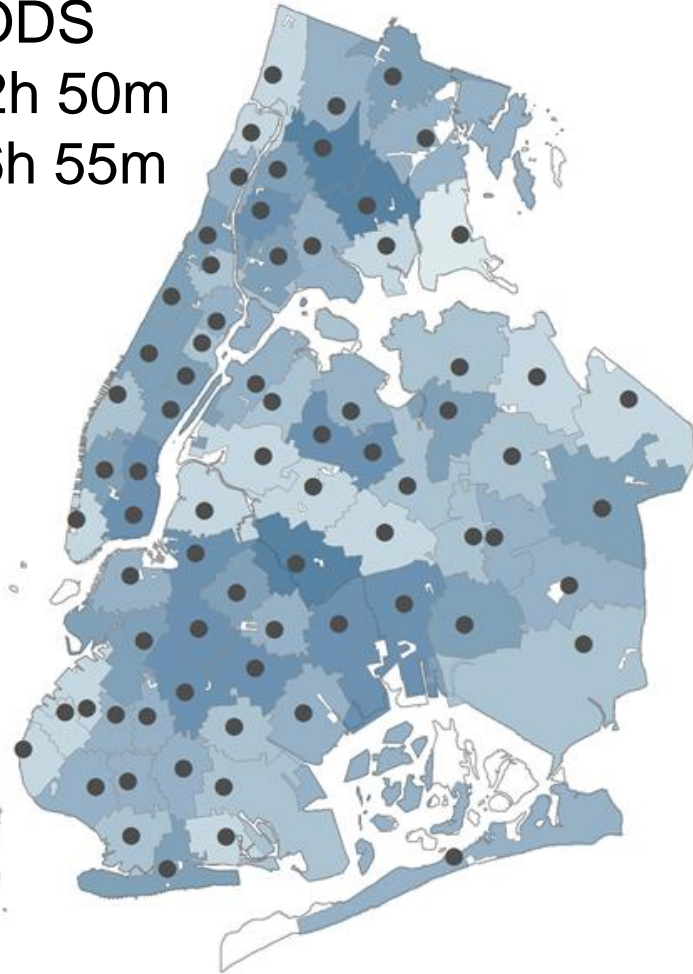


“Phase 1” Response Plans

Phase
First D
Last D

Phase
First D
Last D

Phase 1: 80 PODS
First Delivery: 2h 50m
Last Delivery: 6h 55m



Rapid Activation for Mass Prophylaxis: RAMPEx August 1, 2014

RAMPEx Objective

- “To confirm the ability of the New York City government, WITH NO NOTICE, to rapidly initiate citywide medical countermeasure dispensing operations in response to a bioterrorist attack, using current plans.”

-

Day of Exercise

- 0610: staff notification complete
- 0730: 118 POD staff already at sites
- 0742: first trucks leave warehouse
- 0850: first POD receives PIB
- 0940: 776 (of 860) POD staff at sites
- 1115: first POD ready to open (no med)
- 1208: last POD receives PIB (28<1130)
- 1417: last POD ready to open (no med)

09-11-01

FBI

YOU CAN NOT STOP US.

WE HAVE THIS ANTHRAX.

YOU DIE NOW.

ARE YOU AFRAID?

DEATH TO AMERICA,

DEATH TO ISRAEL,

ALLAH IS GREAT.

Findings: Participant Survey

- Extremely high response rate (89%)
- Confirmed no-notice
 - 91% were not aware of date
- Confirmed value of training
 - 80% stated training helped them perform
- Confirmed ability to respond
 - 86% were able to report to the POD on time
- Confirmed willingness to respond
 - 92% stated they would have responded in their role if it had been an actual event

How Does Primary Care Fit In?

Thank you