



# ┌ NewYork-Presbyterian └ Healthcare System

## The Evacuation Of NY Downtown Hospital Prior To Hurricane Sandy

Al Villacara, DMD

Director, System Emergency Preparedness & NYP/Lower Manhattan Hospital Division

“C’ing The Whole Response: Community, Collaboration, and Communication”  
Threat Preparedness Conference - Charleston, WV - May 21, 2014



# Presentation Agenda

- 1. System Introduction
- 2. NYC CIMS & Coastal Storm Plan
- 3. System Evacuation - Hurricane Irene (Aug 2011)
- 4. Post-Irene System Coastal Storm Planning
- 5. System Evacuation - Hurricane Sandy (Sep 2012)
- 6. Lessons Learned
- 7. System As Coalition
- 8. Q&A

## On July 1, 2013 - New York Downtown Hospital Became NewYork-Presbyterian/Lower Manhattan Hospital



# NewYork-Presbyterian Healthcare System

## ACUTE CARE MEMBERS

- BASSETT MEDICAL CENTER
- THE BROOKLYN HOSPITAL CENTER
- HOSPITAL FOR SPECIAL SURGERY
- LAWRENCE HOSPITAL CENTER
- NEW YORK COMMUNITY HOSPITAL
- NEW YORK HOSPITAL QUEENS
- NEW YORK METHODIST HOSPITAL
- NYACK HOSPITAL
- STAMFORD HOSPITAL
- THE VALLEY HOSPITAL
- WINTHROP-UNIVERSITY HOSPITAL

## SPECIALTY HOSPITAL MEMBER

- GRACIE SQUARE HOSPITAL

## CONTINUING CARE MEMBERS

- AMSTERDAM NURSING HOME
- THE HEBREW HOME AT RIVERDALE
- ST. MARY'S HEALTHCARE SYSTEM FOR CHILDREN
- THE SILVERCREST CENTER FOR NURSING AND REHABILITATION

## AMBULATORY CARE MEMBERS

- COMMUNITY HEALTHCARE NETWORK
- NEW YORK COLLEGE OF PODIATRIC MEDICINE

## SPECIALTY REHABILITATION MEMBER

- BURKE REHABILITATION HOSPITAL
- HELEN HAYES HOSPITAL

## SPECIALTY INSTITUTE

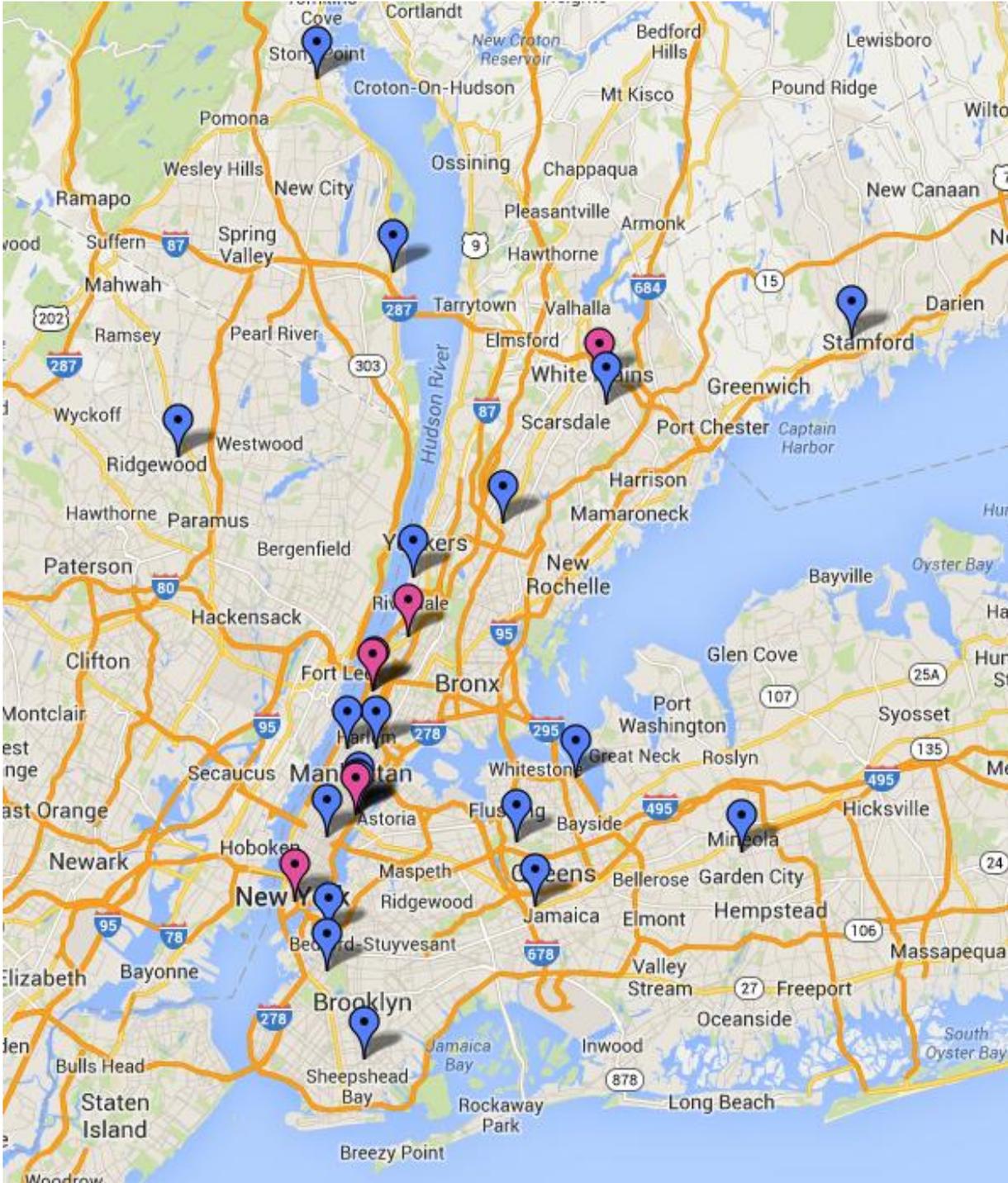
- THE ROGOSIN INSTITUTE

SEARCH ACROSS ALL MEMBER INSTITUTION WEB SITES:

SEARCH

FOR SYSTEM MEMBERS >

[www.nypsystem.org](http://www.nypsystem.org)



**NewYork-Presbyterian  
Healthcare System**

# Current System Map

Plus:  
**Bassett Healthcare  
Cooperstown, NY**



Bassett Healthcare Network  
Bassett Medical Center

**Methodist Houston  
Houston, TX**





**Nor'easter - 2007**



**Steam Pipe Explosion - 2007**



**Crane Collapses - 2008**



**Plane Into Hudson - 2009**



**H1N1 Influenza Pandemic - 2009**



**Times Square Bomb Attempt - 2010**



**Tornadoes - 2010**



**Blizzards - 2010/2011/2014**



**Earthquake - 2011**



**Hurricanes Irene & Sandy - 2011/2012**



**Metro North Train Derailment - 2013**



**Building Explosion - 2014**

# NYC Office Of Emergency Management

1996 - Established as Mayoral Office

2001 - Granted Departmental Status

## NYC OEM Mission:

Preparing The City For Emergencies [**Planning**]

Coordinating Emergency Response & Recovery [**Coordination**]

Educating & Informing The Public [**Education**]

[www.nyc.gov/oem](http://www.nyc.gov/oem)

# NYC OEM



Watch Command



Emergency Operations Center



Emergency Operations Center



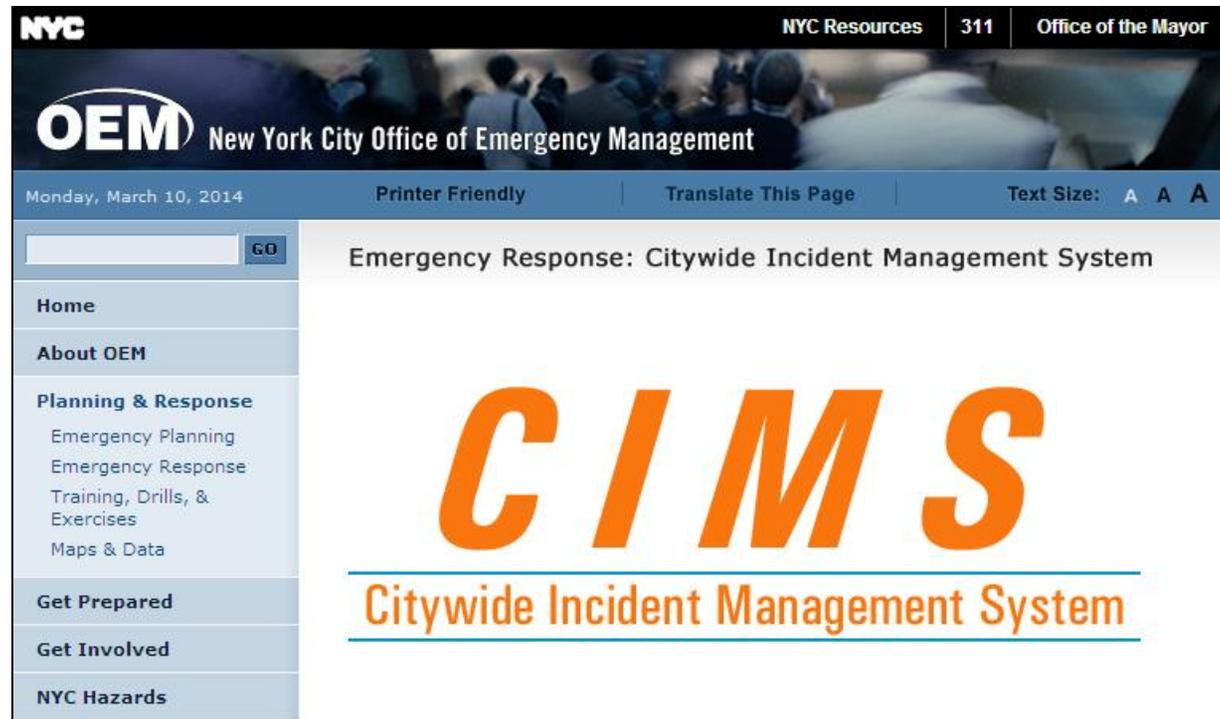
Situation Room

# Healthcare & NYC Planning/Response

- HCFs are represented by either GNYHA or HHC
- GNYHA, HHC, NYSDOH, and NYC DOHMH
- These agencies have representation in the EOC during activations and interact with ESF-8



# Citywide Incident Management System (CIMS)



The **CIMS** Protocol is New York City's implementation of the National Incident Management System (NIMS) - [2004/2005]

## Why CIMS?

- “CIMS establishes roles and responsibilities and designates authority for City, state, and other government entities, and nonprofit and private sector organizations performing and supporting emergency response”

# Agencies



## Single Command Incidents

INCIDENT TYPE	PRIMARY AGENCY
Auto Extrication	NYPD/FDNY (First to arrive)
Boat in Distress	NYPD/FDNY (First to arrive)
Citywide Cyber Incident	NYPD and/or DOITT
Civil Disturbance	NYPD
Confined Space Rescue	FDNY
Correctional Facility Disturbance	DOC
Downed Tree	DPR/FDNY
Elevator Incident or Emergency	FDNY
Emotionally Disturbed Person	NYPD
Entrapment/Impalement	FDNY
Explosive Device, Bomb Threat	NYPD
Fire	FDNY
Hostage Incident	NYPD
Sniper Incident	NYPD
Special Event	NYPD
Structural Collapse	FDNY
Suspicious Package	NYPD
Water/Ice Rescue	NYPD

# *CIIMS*

Citywide Incident Management System

## Unified Command Incidents

INCIDENT TYPE	PRIMARY AGENCIES	POTENTIAL PRIMARY AGENCIES/SUBJECT MATTER EXPERTS * *
Aviation Incident	FDNY, NYPD	PANYNJ, USCG, NTSB
Chemical, Biological, Radiological or Nuclear (CBRN)/HazMat Incident *	NYPD, FDNY	USCG, DEP, DOHMH
Citywide Public Health Emergency	DOHMH, NYPD, FDNY	HHC, GNYHA
Explosion	FDNY, NYPD	DDC, DOB, HPD
Natural Disaster/Weather Emergency	OEM, NYPD, FDNY, DOT, DSNY	DDC, DEP, DOB, DOHMH, Con Ed, Keyspan/LIPA
Rail Incident	FDNY, NYPD	MTA, PANYNJ, NJT, Amtrak
Utility Incident: Electric	NYPD, FDNY	Con Ed, National Grid/LIPA
Utility Incident: Gas	NYPD, FDNY	Con Ed, National Grid/LIPA
Utility Incident: Steam	NYPD, FDNY	Con Ed
Utility Incident: Water/Wastewater	DEP, FDNY, NYPD	Con Ed, National Grid/LIPA
Utility Incident: Telecommunications	DOITT, NYPD, FDNY	Verizon

\* CBRN/HazMat Incident - NYPD will be the Primary Agency (Incident Commander) at CBRN/MazMat incidents. If NYPD determines there is no actual or suspected criminal activity or terrorism, a Unified Command will be implemented (See Figure 1).

# CIMS

Citywide Incident Management System

Figure 1 - CBRN/Haz-Mat Incident

**Actual or Suspected Crime or Terrorism**

*(NYPD to Determine)*

NYPD Single Command

-----  
Unified Operations Section

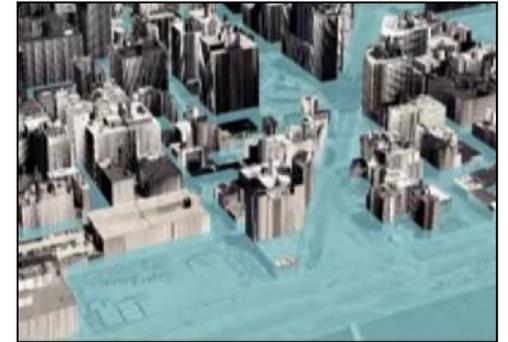
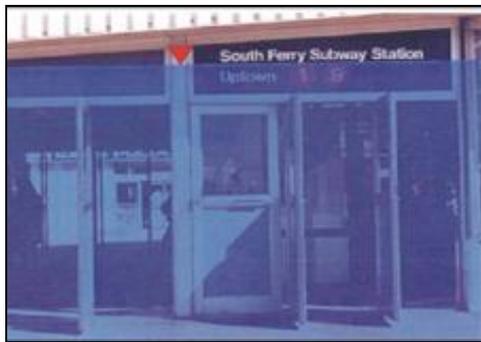
**No Actual or Suspected Crime or Terrorism**

*(NYPD to Determine)*

Unified Command

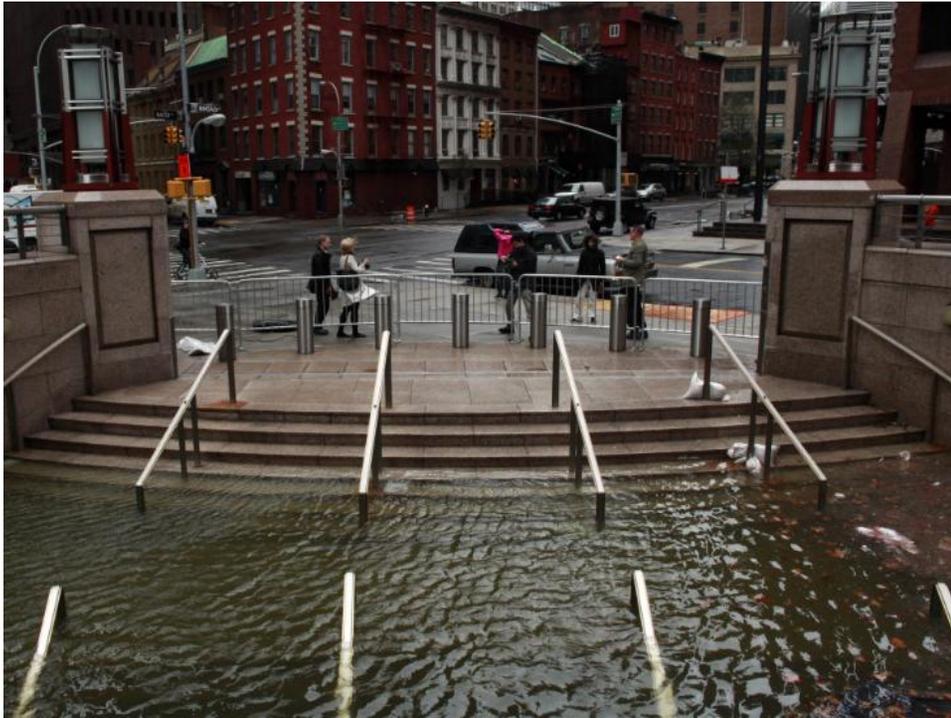
-----  
Unified Operations Section

**WHAT IF NEW YORK CITY...  
WERE HIT BY A CATEGORY 3 HURRICANE?  
WHAT IF THE MOST DENSELY RESIDENTIAL CITY  
IN THE COUNTRY LOSES HUNDREDS OF THOUSANDS OF  
HOMES IN A FEW HOURS? WHAT IF MILLIONS ARE LEFT WITH  
NOWHERE TO LIVE, TO WORK, OR TO GO TO SCHOOL? WHAT IF SUBWAYS  
FLOOD, STREETS CLOSE, AND WHOLE NEIGHBORHOODS ARE SUBMERGED  
BY UP TO 23 FEET OF OCEAN WATER AND BATTERED BY 130 MILE-PER-HOUR WINDS?  
WHAT IF NEW YORKERS NEED A PLACE TO LIVE DURING YEARS OF RECONSTRUCTION?**

















# Pre-2013 New York City Coastal Storm Plan

Evacuation Zone	Hurricane Category
A	1
B	2
C	3 or 4

- Evacuation Centers & Hurricane Shelters
- Healthcare Facility Evacuation Plan
- Healthcare Facility Evacuation Center (HEC)

	Zone A	Zone B	Zone C	
Hospitals	5	4	12	21
Nursing Homes	8	25	28	61
ACFs	8	17	11	36
Psych Facilities	1	2	2	5
	22	48	53	123

2. The City strongly encourages evacuees first to seek shelter with friends or family located outside the evacuation zones.

3. If you cannot stay with friends or family, use the Finder, call 311 (TTY: 212-504-4115), or use this map to identify which evacuation center is most appropriate for you. NOTE: Not all evacuation centers are accessible by all modes of transportation. Visit the MTA's website at [www.mta.info](http://www.mta.info) or call 718-330-1234 for the latest transit information.

\*Evacuation information is subject to change. For the latest information, visit [NYC.gov/hurricanezones](http://NYC.gov/hurricanezones) or call 311 (TTY: 212-504-4115).

#### Hurricane Evacuation Zones

##### ZONE A

Residents in Zone A face the highest risk of flooding from a hurricane's storm surge. Zone A includes all low-lying coastal areas and other areas that could experience storm surge from ANY hurricane making landfall close to New York City.

##### ZONE B

Residents in Zone B may experience storm surge flooding from a MODERATE (Category 2 and higher) hurricane.

##### ZONE C

Residents in Zone C may experience storm surge flooding from a MAJOR (Category 3 & 4) hurricane making landfall just south of New York City. A major hurricane is unlikely in New York City, but not impossible.

##### NO ZONE

Residents who do not live in a hurricane evacuation zone are unlikely to experience storm surge flooding from a hurricane.

#### LEGEND

- EVACUATION CENTER
- A ZONE
- B ZONE
- C ZONE

[www.nyc.gov/oem](http://www.nyc.gov/oem)



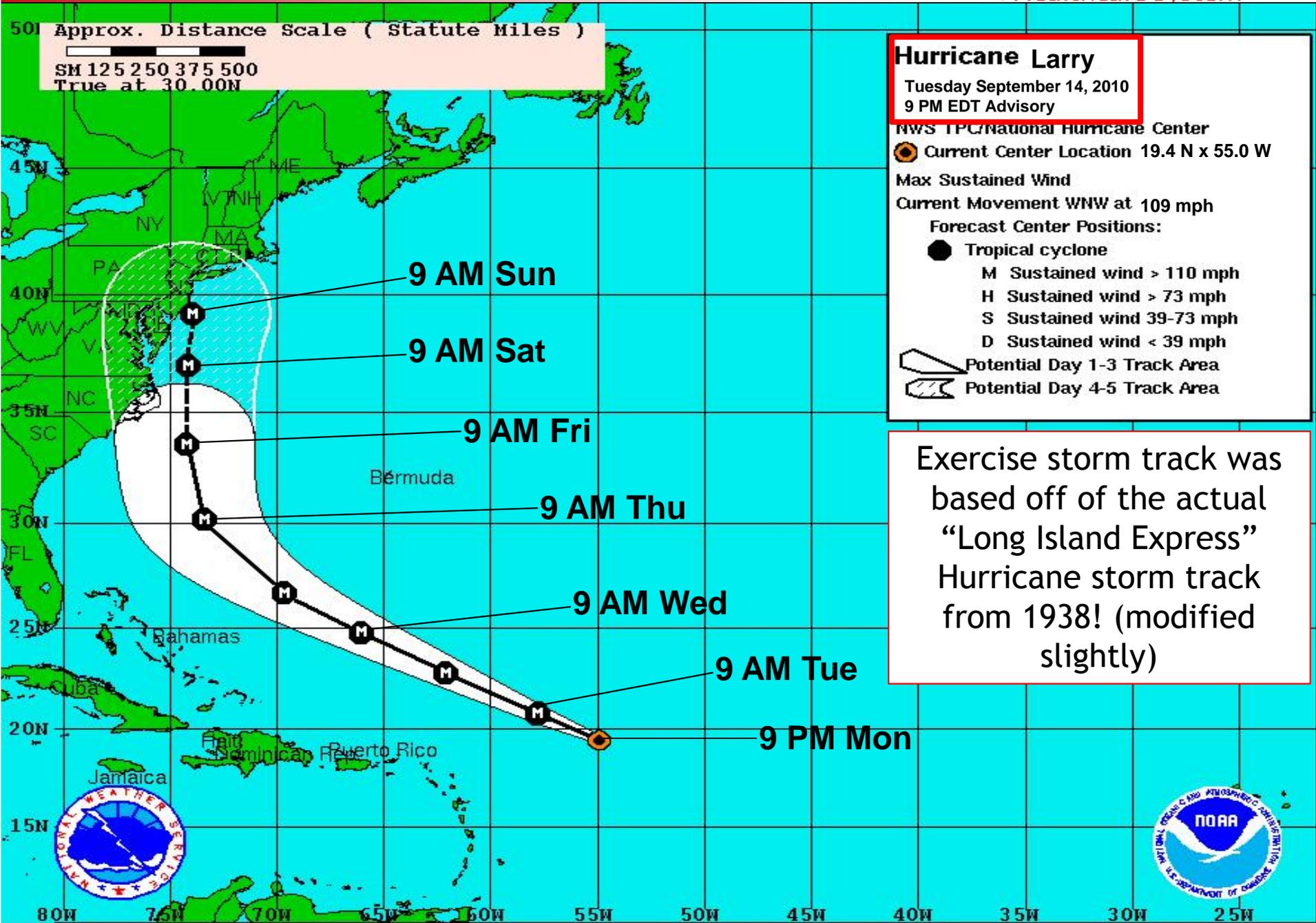
# New York Bight



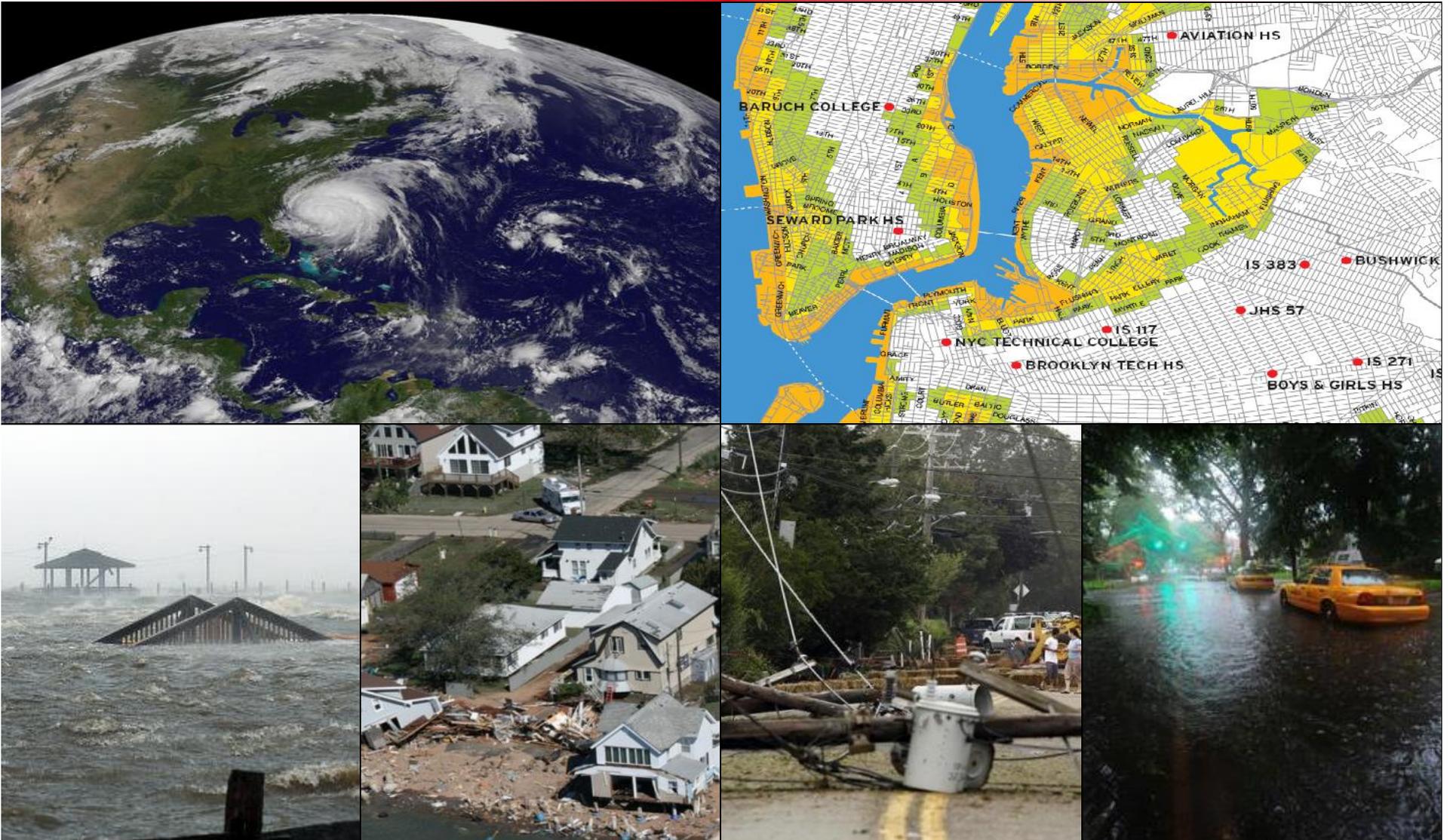
# System Coastal Storm Planning

- Completing surveys and shelter-in-place studies [with NYC DOHMH, NYSDOH, NYC OEM]
- Quarterly System Emergency Management Forum Meetings [since 2009]
- Learning from our System colleagues at Houston Methodist Hospital [real-world experience with coastal storms]
- System “The Great Storm Of 2010” Exercise [focus on a Category 3 Hurricane impacting our tri-state area]

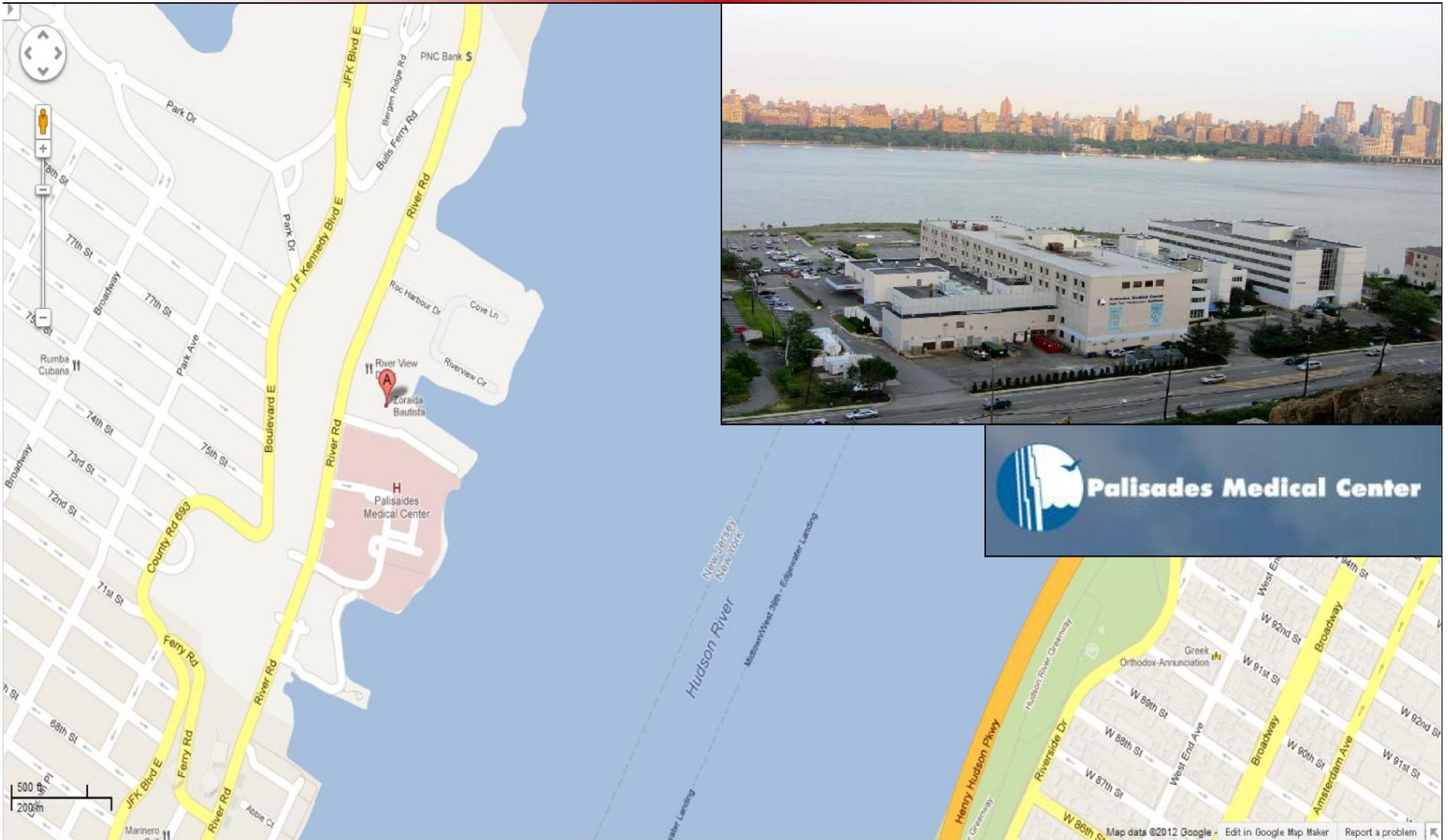
**\* Tabletop Exercise Scenario - For Training Purposes Only \***



# Hurricane Irene - August 28, 2011



# Palisades Medical Center (North Bergen, NJ) Hurricane Irene Experience



# Palisades Medical Center (North Bergen, NJ) Evacuation - August 26, 2011



# Palisades Medical Center Post-Hurricane Irene



# Palisades Medical Center - 2011 Evacuation Lessons Learned

- Evacuation prior to the storm
- Discharge approximately 30% of census
- Movement of sickest patients first
- Destinations (all in NJ)
- Transportation (ALS/BLS)
- Resources (going with patient - record, meds, etc)
- Command Center management
- Communication

www.nyc.gov/oem

# 2012 System Coastal Storm Planning

## Hurricane Evacuation Zones

- ZONE A**  
Residents in Zone A face the highest risk of flooding from a hurricane's storm surge. Zone A includes all low-lying coastal areas and other areas that could experience storm surge from ANY hurricane making landfall close to New York City.
- ZONE B**  
Residents in Zone B may experience storm surge flooding from a MODERATE (Category 2 and higher) hurricane.
- ZONE C**  
Residents in Zone C may experience storm surge flooding from a MAJOR (Category 3 & 4) hurricane making landfall just south of New York City. A major hurricane is unlikely in New York City, but not impossible.
- NO ZONE** □  
Residents who do not live in a hurricane evacuation zone are unlikely to experience storm surge flooding from a hurricane.

- LEGEND**
- EVACUATION CENTER
  - A ZONE
  - B ZONE
  - C ZONE

NEW YORK  
DOWNTOWN  
HOSPITAL

C



St. Mary's Healthcare System for Children

C



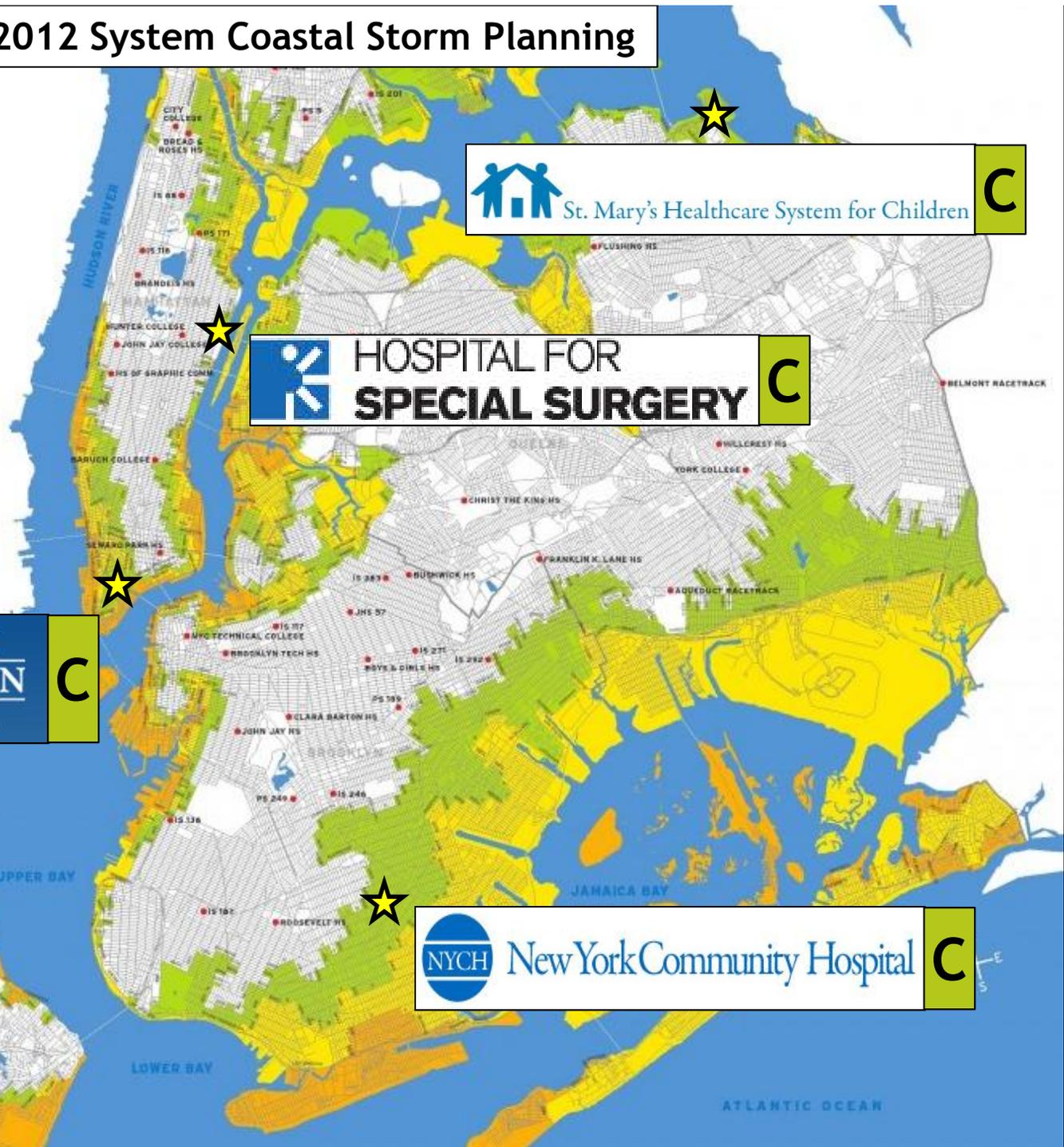
HOSPITAL FOR  
SPECIAL SURGERY

C

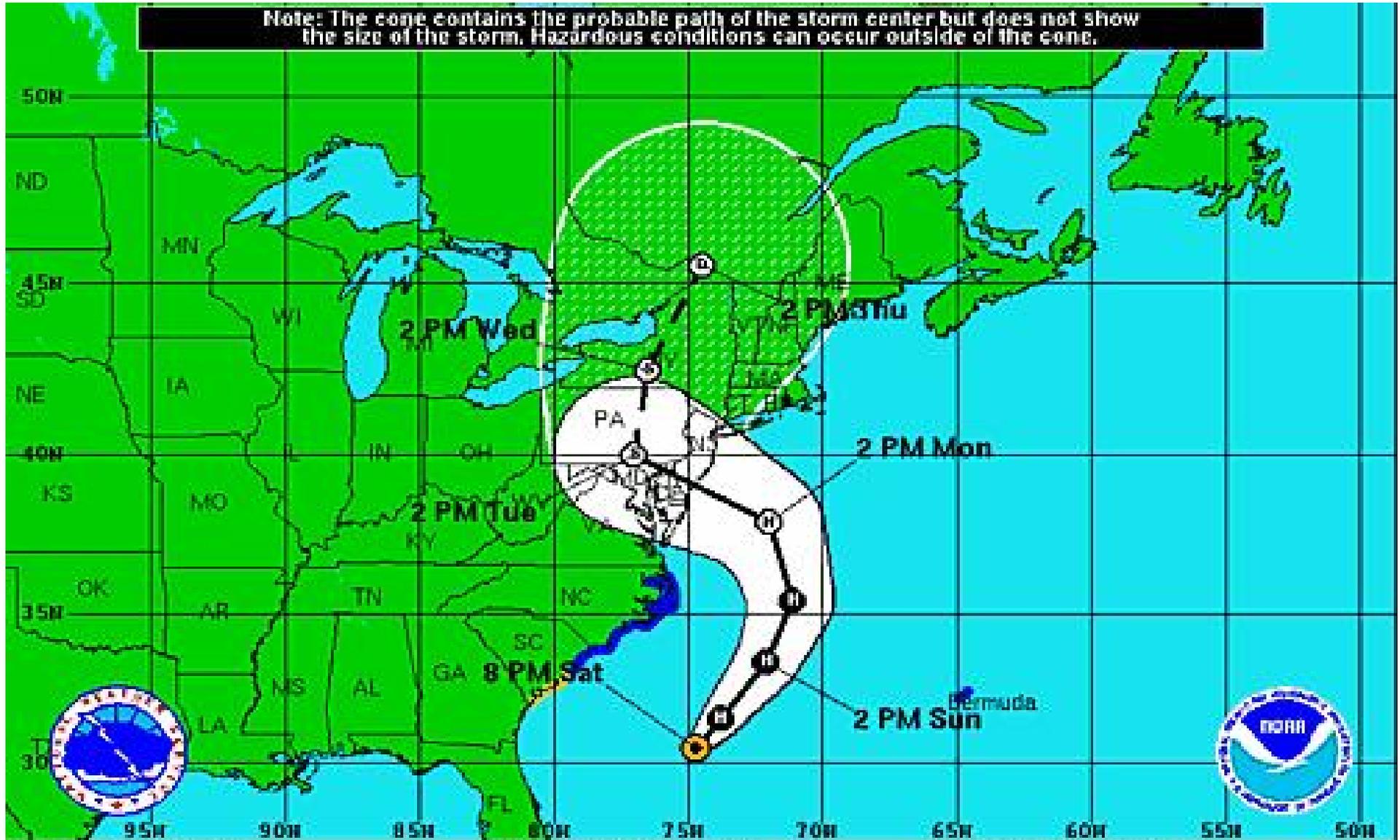


New York Community Hospital

C



Note: The cone contains the probable path of the storm center but does not show the size of the storm. Hazardous conditions can occur outside of the cone.



**Hurricane Sandy**  
 Saturday October 27, 2012  
 8 PM EDT Intermediate Advisory 22A  
 NWS National Hurricane Center

**Current Information:**   
 Center Location 30.5 N 74.7 W  
 Max Sustained Wind 75 mph  
 Movement NE at 13 mph

**Forecast Positions:**  
 Tropical Cyclone  Post-Tropical  
 Sustained Winds: D < 39 mph  
 S 39-73 mph H 74-110 mph M > 110mph

**Potential Track Area:**  
 Day 1-3  Day 4-5

**Watches:**  
 Hurricane  Trop.Storm

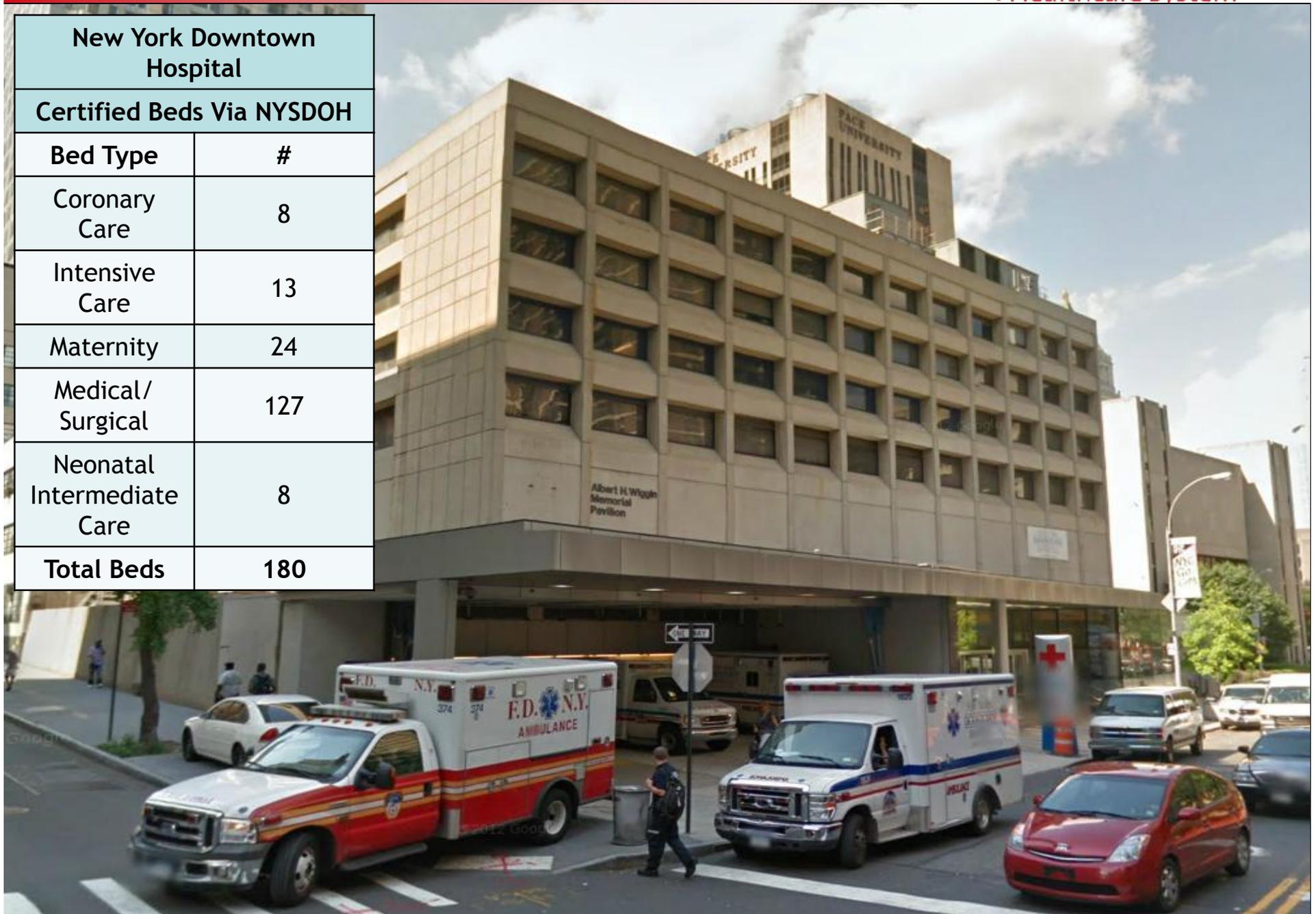
**Warnings:**  
 Hurricane  Trop.Storm

# Hurricane Sandy - October 29, 2012

---

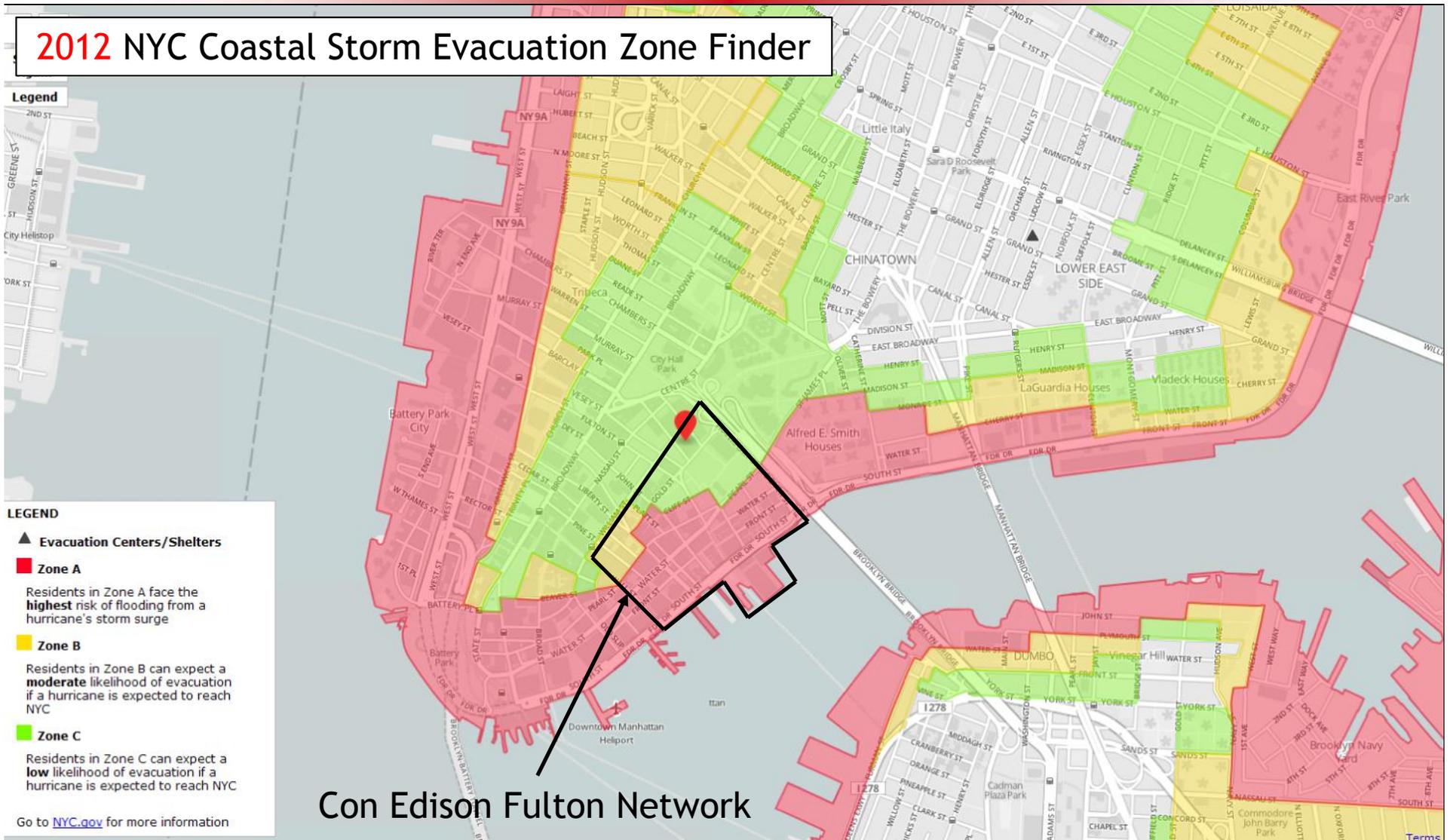
- Preparedness activities week prior to Sandy
  - Predicted to hit as Category 1 (Zone A)
  - City ordered Zone A residents to evacuate
  - Most Zone A HCFs not ordered to evacuate
  - Con Ed preemptively turning off electric networks to minimize infrastructure damage
-

New York Downtown Hospital	
Certified Beds Via NYSDOH	
Bed Type	#
Coronary Care	8
Intensive Care	13
Maternity	24
Medical/ Surgical	127
Neonatal Intermediate Care	8
<b>Total Beds</b>	<b>180</b>



# New York Downtown Hospital Evacuation Zone C (CAT 3 or 4 Hurricane)

2012 NYC Coastal Storm Evacuation Zone Finder



# Con Ed Networks For NYC Facilities

- 5 Boroughs are divided into networks
- Several networks were considered for shut down prior to Hurricane Sandy

Bowling Green and Fulton Networks - Tier 1



Con Edison network



Sunday, October 28, 2012  
(12 Midnight - 4 PM)





# NY Downtown Evacuation Management

---

- Evacuation decision
  - Timing of evacuation
  - Hospital response and Command Center
  - Discharge, classifying patients by bed type, TAL
  - Destinations within System
-

# NY Downtown Evacuation Management (con't)

- Communication errors at start
- ICU evacuated first (close destination)
- Farther destinations first for remaining patients
- Direct transfer to destination unit or to ED
- Resources to move with patients

# NY Downtown Evacuation Management (con't)

- Specific patients - isolation, challenging, prisoners
- Pregnant women presenting to give birth
- Healthcare Facility Evacuation Center (HEC) support
- Destinations outside of System
- Patients to ED for transportation resources

# Coordination Of Transportation From NY Downtown To Receiving Facilities





# NY Downtown Evacuation Transportation

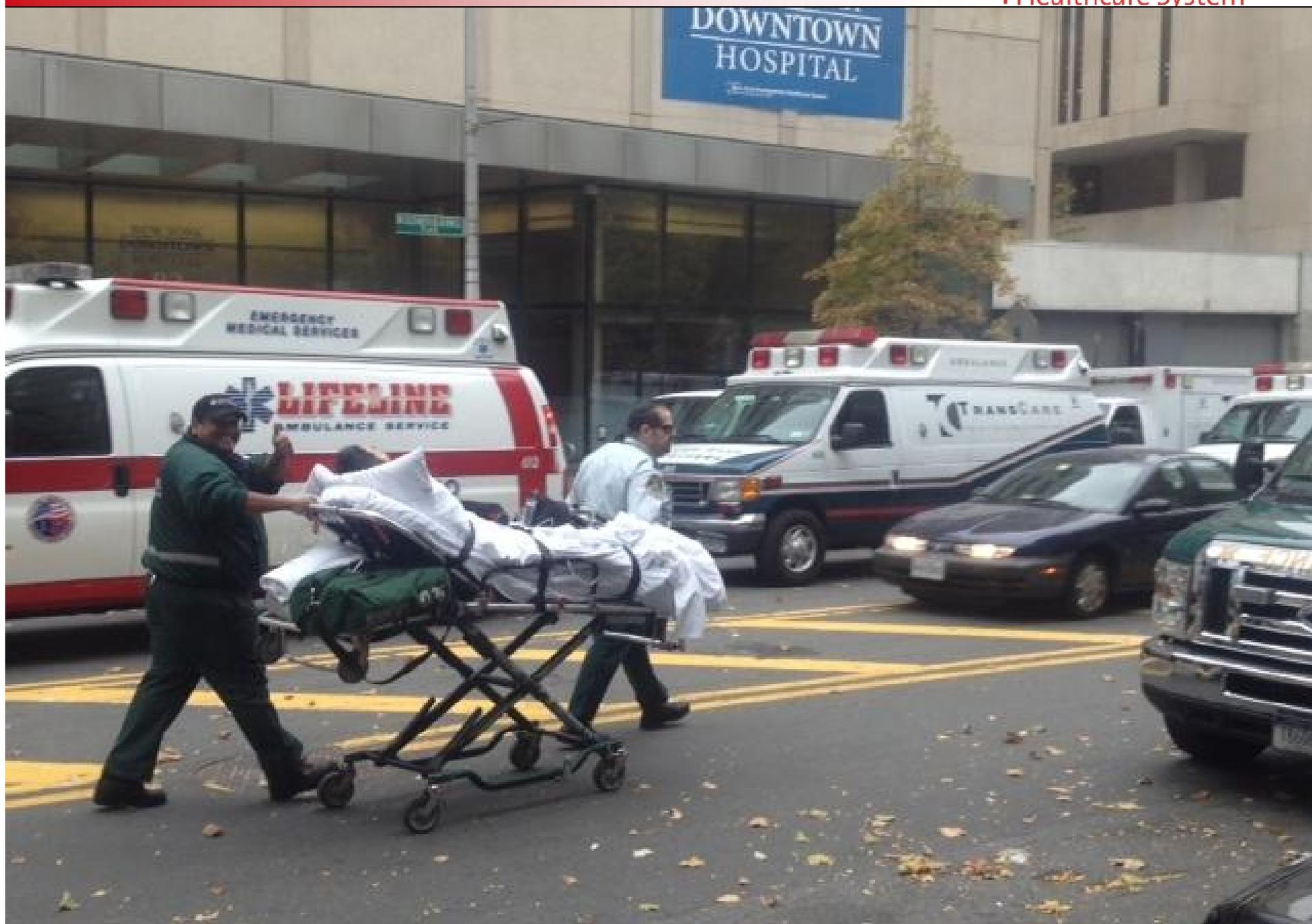
---

- Coordination of System transportation assets
  - Coordination of non-System transportation assets
  - Communication with Command Center
  - Communication with NYP-Transfer Center
-

# NY Downtown Evacuation Transportation (con't)

---

- Destination mix up early in evacuation
  - Some external assets unfamiliar with tri-state area
  - Specific addresses for destinations
  - Wrapping up transportation operation
-



# Receiving Facilities As Destinations For Evacuating NY Downtown Patients



# Destinations For 125 NY Downtown Patients

## System

- The Brooklyn Hospital Center
- Lawrence Hospital Center
- Nyack Hospital
- NYP/Cornell
- NYP/Columbia
- NY Methodist Hospital
- White Plains Hospital

## Non-System

- Bellevue Hospital
- Gold Crest Care Center
- Maimonides Medical Center
- Montefiore Medical Center

## Discharge

- Approximately 26%

# NY Downtown Evacuation Destinations

---

- Communication with NY Downtown
  - Busy at destinations with full EDs
  - High census, limited beds (no call to discharge)
  - Limited surge due to staff sheltering
  - Decision on number, types of patients to accept
-

# NY Downtown Evacuation Destinations (con't)

- Preparing facility for patient arrival
- Reception of evacuating patients
- Challenges (language, elderly/scared patients)
- Transportation to bring back to NY Downtown
- Discharge to other facilities or home



# New York Downtown Hospital Events

2012 Date	Event
Saturday, October 27	Decision to evacuate is made (with multiple agencies)
Sunday, October 28	Evacuation of 125 patients; hospital on full diversion
<b>Monday, October 29</b>	Power and steam turned off prior to storm's arrival
Tuesday, October 30	Skeleton crew as ED still open to walk-in patients
Thursday, November 1	Power restored; limited 56 bed opening; off diversion
Saturday, November 3	HHS Secretary Kathleen Sebelius visits facility
Sunday, November 4	Steam restored; staff notifications
Monday, November 5	Full staff returns
Tuesday, November 6	Surgical schedule begins

# Hospitals & Nursing Homes Closed

Hospitals	Nursing Homes	
NY Downtown Hospital *	Lawrence Nursing Care Center	Sea Crest Health Care Center
Manhattan VA Medical Center	Ocean Promenade Nursing Center	Shoreview Nursing Home
NYU Langone Medical Center	Oceanview Nursing & Rehab Center	Bayview Nursing & Rehab
Bellevue Hospital Center	Park Nursing Home	Beach Terrace Care Center
Coney Island Hospital	Peninsula Center for Care & Rehab	Grandell Rehabilitation
Long Beach Medical Center	Promenade Rehab & Health Care	Komanoff Center
Eastern Long Island Hospital	Resort Nursing Home	Park Avenue Extended Care Center
South Beach Psychiatric Center	Rockaway Care Center	

\* Reopened Thursday, November 1

# NY Downtown Hospital - 2012 Evacuation Lessons Learned

---

- Evacuation prior to the storm
  - True multi-disciplinary team effort
  - Discharge (at evacuating, at receiving)
  - Destinations (System strength + non-System augment)
-

# NY Downtown Hospital - 2012 Evacuation Lessons Learned (con't)

---

- Movement of sickest patients first (ICU)
  - Farther first best?
  - Transportation (System assets + non-System augment)
  - Resources (to move with patient)
-

# NY Downtown Hospital - 2012 Evacuation Lessons Learned (con't)

---

- Hospital NOT truly closed (walk in ED patients)
  - Command Center management
  - Communication
  - Repatriation
-

# System Overview

---

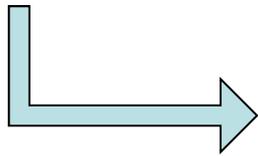
- Very little damage or flooding to System facilities
  - Over 600 patients into System; high census counts
  - Staffing one of the biggest challenges
  - Situational awareness
-

# System Overview

- System facilities on generator power during Sandy:
  - Northern Westchester Hospital (Mt. Kisco, NY)
  - Winthrop-University Hospital (Mineola, NY)
  - Nyack Hospital (Nyack, NY)
  - NY Community Hospital (Brooklyn, NY)
  - NY Downtown Hospital (New York, NY)
  - The Valley Hospital (Ridgewood, NJ)
  - Holy Name Medical Center (Teaneck, NJ)

# System Partners Assisting Others During Hurricane Sandy

┌ NewYork-Presbyterian  
└ Healthcare System



Pre-storm evacuation of NY Downtown Hospital  
to multiple System hospitals



Deployment of NJ EMS Medical Ambulance Bus to aid in  
evacuation of hospice owned/operated by Holy Name

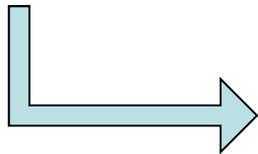


NORTHEN  
WESTCHESTER  
HOSPITAL  
*Expertise • Technology • Humanity*

*Exceptional skill. Extraordinary care.*

Sharing lanterns, batteries, and extension cords post-storm

# System Partners Assisting Others During Hurricane Sandy (con't)



┌ NewYork-Presbyterian  
└ Healthcare System

Dialysis support to multiple System hospitals  
(plus other City hospitals) post-storm



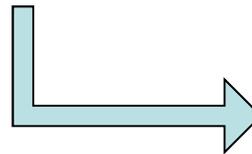
GIVING QUALITY TO LIFE



Expertise you trust.  
Service you deserve.



Sharing fresh linens when deliveries delayed post-storm



Various Non-System Nursing Homes

Receiving evacuating nursing home and hospital patients post-storm

# NYC Coastal Storm Plan Evacuation Zones (Update 2013)

2012	
Evacuation Zone	Hurricane Category
A	1
B	2
C	3 or 4



2013	
Evacuation Zone	Storm Surge Impact Risk
1	Most susceptible to flooding
2	
3	
4	
5	
6	Less susceptible to flooding



# HCFs In New Evacuation Zones (Update 2013)

	Zone A	Zone B	Zone C	
Hospitals	5	4	12	21
Nursing Homes	8	25	28	61
ACFs	8	17	11	36
Psych Facilities	1	2	2	5
	22	48	53	123



	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	
Hospitals	4	4	0	6	9	2	25
Nursing Homes	23	3	8	8	16	10	68
ACFs	19	4	2	7	6	4	42
Psych Facilities	1	0	2	0	2	1	6
	47	11	12	21	33	17	141

www.nyc.gov/oem

# 2012 System Coastal Storm Planning

## Hurricane Evacuation Zones

**ZONE A**  
Residents in Zone A face the highest risk of flooding from a hurricane's storm surge. Zone A includes all low-lying coastal areas and other areas that could experience storm surge from ANY hurricane making landfall close to New York City.

**ZONE B**  
Residents in Zone B may experience storm surge flooding from a MODERATE (Category 2 and higher) hurricane.

**ZONE C**  
Residents in Zone C may experience storm surge flooding from a MAJOR (Category 3 & 4) hurricane making landfall just south of New York City. A major hurricane is unlikely in New York City, but not impossible.

**NO ZONE** □  
Residents who do not live in a hurricane evacuation zone are unlikely to experience storm surge flooding from a hurricane.

## LEGEND

- EVACUATION CENTER
- A ZONE
- B ZONE
- C ZONE

NEW YORK  
DOWNTOWN  
HOSPITAL

C



St. Mary's Healthcare System for Children

C



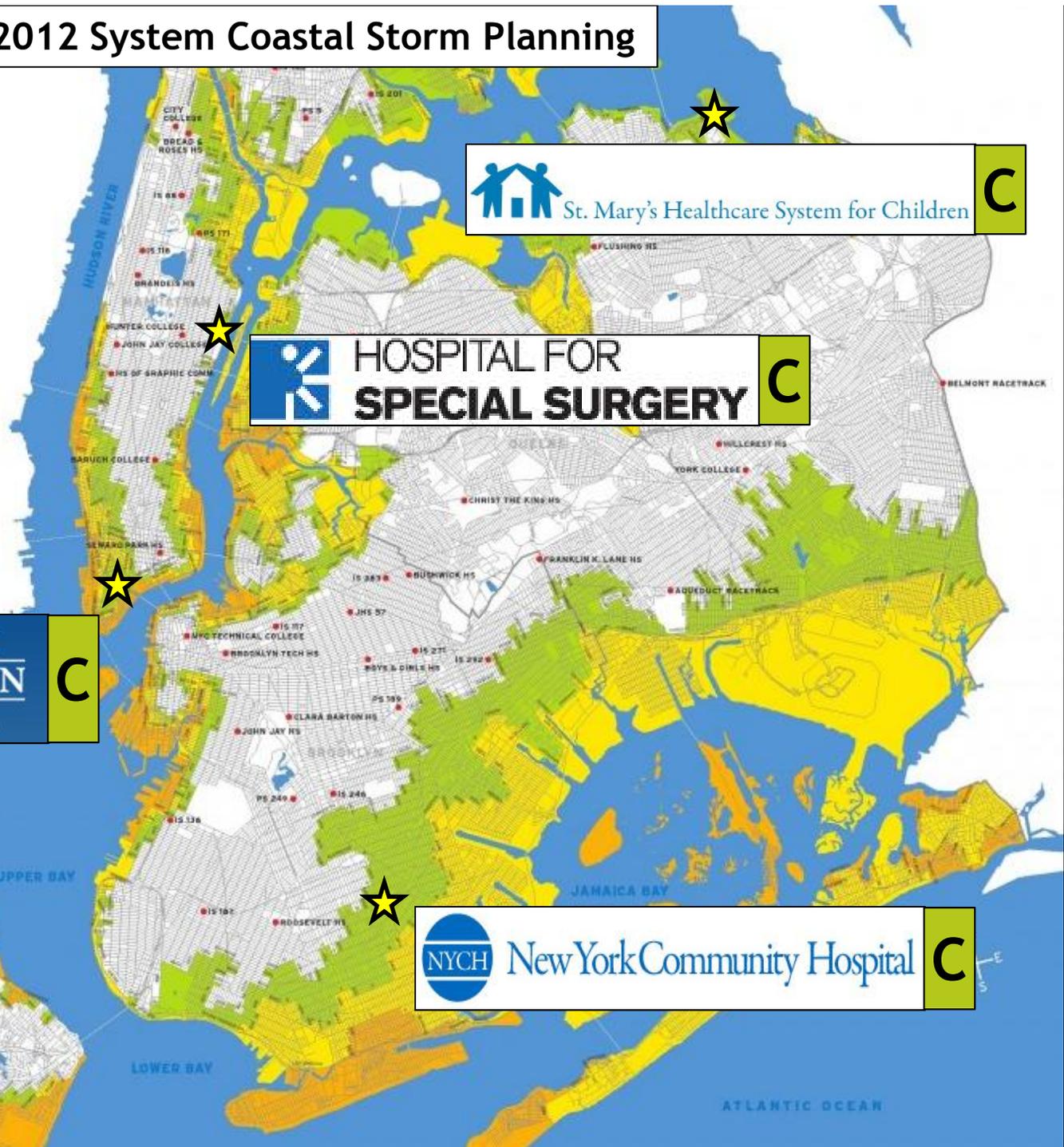
HOSPITAL FOR  
SPECIAL SURGERY

C



New York Community Hospital

C



[www.nyc.gov/oem](http://www.nyc.gov/oem)

Information  
No website  
you need

## 2013-2014 System Coastal Storm Planning

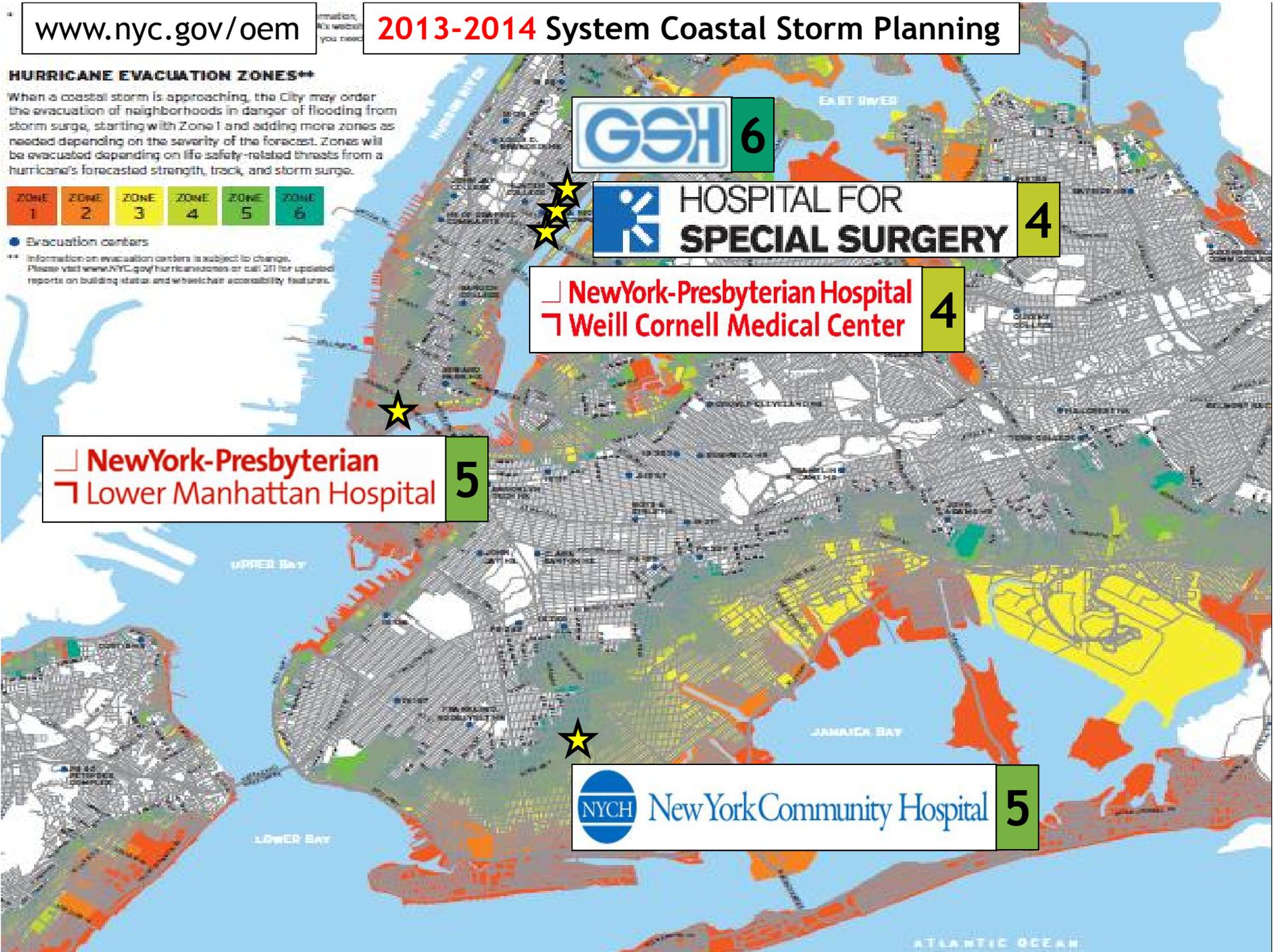
### HURRICANE EVACUATION ZONES\*\*

When a coastal storm is approaching, the City may order the evacuation of neighborhoods in danger of flooding from storm surge, starting with Zone 1 and adding more zones as needed depending on the severity of the forecast. Zones will be evacuated depending on life safety-related threats from a hurricane's forecasted strength, track, and storm surge.



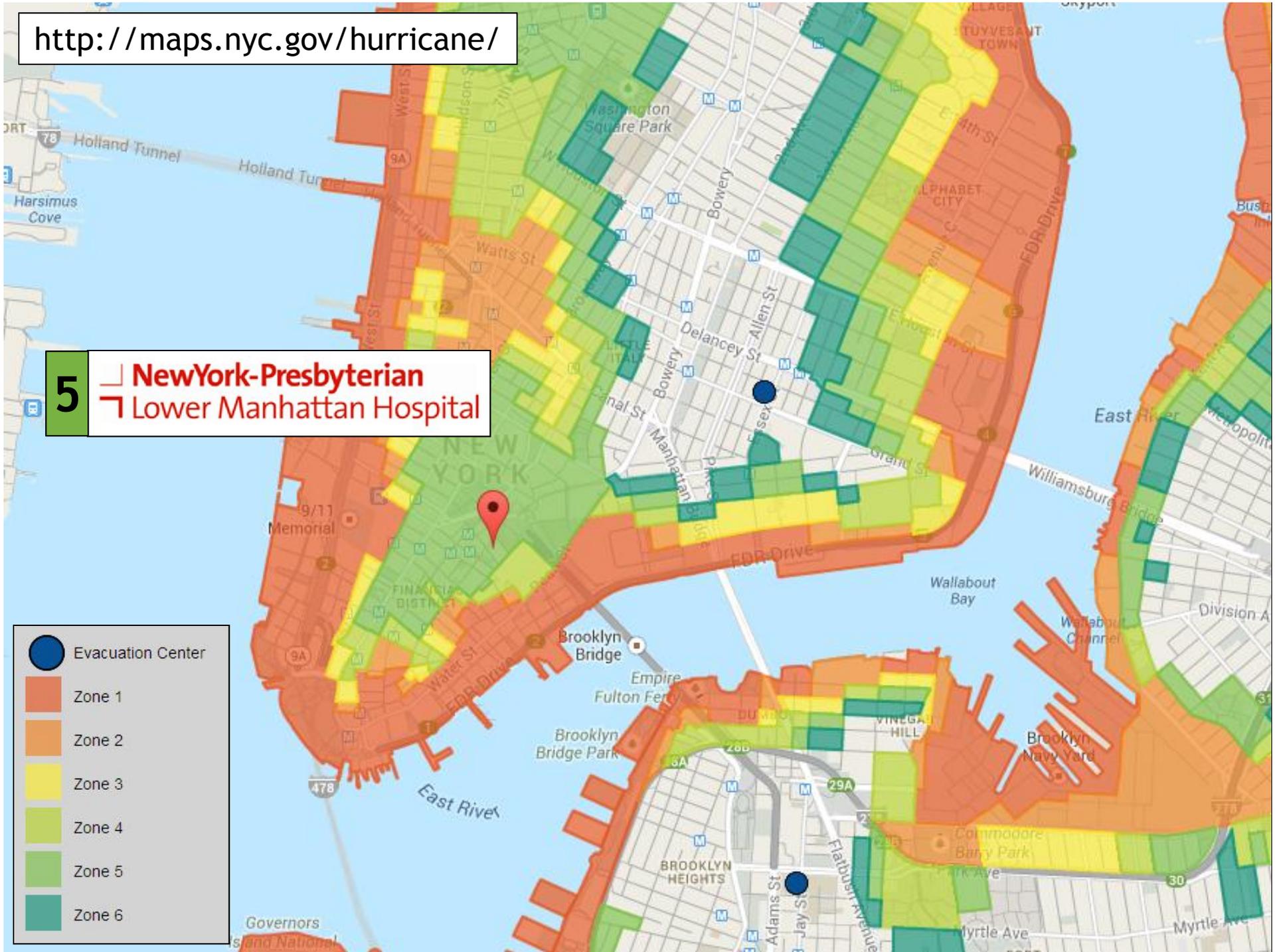
● Evacuation centers

\*\* Information on evacuation centers is subject to change. Please visit [www.nyc.gov/hurricanezones](http://www.nyc.gov/hurricanezones) or call 311 for updated reports on building status and wheelchair accessibility features.



<http://maps.nyc.gov/hurricane/>

**5** **NewYork-Presbyterian  
Lower Manhattan Hospital**



## Coastal Storm Planning Continues (As Individual HCFs & As System)

- Changing landscape of healthcare in our area
- System again will support our evacuating facilities
- Evacuation equipment purchases and training
- Communication redundancies and interoperability



## Coastal Storm Planning Continues (As Individual HCFs & As System - con't)

- NYC OEM & NYSDOH revisiting coastal storm surveys in 2014 to update planning
- New NY State e-FINDS Patient Tracking System
- Exercises - NYP/LMH 12/2013; System Upcoming 2014





Welcome Al Villacara

[Advanced Search](#)

My Applications My Favorites

- Acronyms & Abbreviations
- Application Access
- CART
- Coord Account Tools - HCS
- Coordinator's Update Tool
- County Survey
- e-FINDS
- e-FINDS Training (Demo)
- Emergency Contacts
- HCBC
- HERDS

Print



e-FINDS DEMO [Comment](#)  
 Al Villacara (av416016) | New York Presbyterian Hospital New York Weill Corne Center  
 Agency: NYSDOH  
[Hospital \(pfi\)-NY Presbyterian/Lower Manhattan Hospital\[HO\] - 1437@admir](#)

15 patient(s) were found for Agency NYSDOH.

**Patient/Resident Search Criteria**

Location Org. Type: [HO] Hospital      Location: NY Presbyterian/Lower Manhattan Hospital[HO] - 1437

Intended Dest. Org. Type: Select One      Intended Dest.: Select One

First Name: LMH      (Match if Contains)

Last Name:      (Match if Contains)

Gender: Select One      Date of Birth: [Month] [Day] [Year]

Note Contains:     

Event Time	Barcode	Agency	Patient/Resident Name	DOB	Gender	Patient/Resident Location	Patient/Resident Intended Location	Operation	Note	Medical
12/18/13 09:25:04	<a href="#">HO14370015D</a>	NYSDOH	LMH Patient 15	02/08/1980	FEMALE	NY Presbyterian/Lower Manhattan Hospital	New York Presbyterian Hospital Westchester Division	LMH EVACUATION DRILL		
12/18/13 09:24:06	<a href="#">HO14370014D</a>	NYSDOH	LMH Patient 14	01/05/1930	FEMALE	NY Presbyterian/Lower Manhattan Hospital	New York Presbyterian Hospital Westchester Division	LMH EVACUATION DRILL		
12/18/13 09:23:07	<a href="#">HO14370013D</a>	NYSDOH	LMH Patient 13	02/03/1950	MALE	NY Presbyterian/Lower Manhattan Hospital	New York Presbyterian Hospital Columbia Presbyterian Center	LMH EVACUATION DRILL		
12/18/13	<a href="#">HO14370012D</a>	NYSDOH	LMH Patient 12	02/05/1955	FEMALE	NY Presbyterian/Lower Manhattan Hospital	New York Presbyterian Hospital Westchester Division	LMH EVACUATION DRILL		

# Thank You

**Al Villacara, DMD**

Director, System Emergency Preparedness &  
NYP/Lower Manhattan Hospital Division

New York-Presbyterian Healthcare System & Hospital

[alv9023@nyp.org](mailto:alv9023@nyp.org)

