

New York State
Disaster Preparedness Commission

2012 Annual Report

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NYS Division of Homeland Security & Emergency Services
Office of Emergency Management

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INTRODUCTION

The New York State Disaster Preparedness Commission (DPC) is comprised of the commissioners, directors or chairpersons of 32 State agencies and one volunteer organization - the American Red Cross. The responsibilities of the DPC include: the preparation of State disaster plans; the direction of State disaster operations and coordinating those with local government operations; and the coordination of federal, State and private recovery efforts. New York State Executive Law, Article 2-B, Section 21 enacted in 1978, shifted emphasis from Civil Defense to all-hazards preparedness activities and missions; created the Disaster Preparedness Commission; and assigned responsibility for off-site radiological emergency preparedness for commercial nuclear power plants.

The DPC Member Agencies are comprised of:

Department of Agriculture and Markets	Military and Naval Affairs
American Red Cross	Office of Children and Family Services
Division of Criminal Justice	Office of Counter Terrorism
Department of Corrections and Community Supervision	Office of Cyber Security
Department of Financial Services	Office of Emergency Management
Education Department	Office of Interoperability and Emergency Communications
Empire State Development Corporation	Office of Parks, Recreation and Historic Preservation
Energy Research and Development Agency	Office of People with Developmental Disabilities
Department of Environmental Conservation	Office of Information Technology Services
Office of Fire Prevention and Control	Office of Victim Services
Office of General Services	Port Authority of NY and NJ
Department of Health	Public Service Commission
Division of Housing and Community Renewal	Department of State
Department of Labor	Division of State Police
Office of Mental Health	Office of Temporary and Disability Assistance
Metropolitan Transportation Authority	Thruway Authority
	Department of Transportation

OVERVIEW

Ordinarily, the time covered in this annual report would be noteworthy for several incidents, including brush fires in April that occurred in 16 counties and New York City, affecting over 1,100 acres in four municipalities in Suffolk County and approximately 550 acres in the Harriman State park in Rockland County; or the line of severe thunderstorms in late July that caused power outages for over 100,000 New Yorkers and spawned a tornado in Chemung County, resulting in severe damage in downtown Elmira; or the industrial fire in the Town of Ghent in Columbia County, involving potentially hazardous materials and necessitating the ordered evacuation of residents living within a one-mile radius of the fire (as well as residents in neighboring Berkshire County, Massachusetts living within fifteen miles of the fire who were recommended to “shelter-in-place” due to the track of the plume from the fire).

But all of these events were eclipsed by the most catastrophic storm in our State’s history: Superstorm Sandy. The storm caused once-in-a-generation flooding and catastrophic power outages, bringing down power lines, uprooting trees, and forcing the evacuation of close to half a million people in New York City and Long Island from their homes and businesses. With the impact of Hurricane Irene and Tropical Storm Lee still being felt throughout the State, Superstorm Sandy tore into the State with an unprecedented level of ferocity and fury. As discussed later in this report, the level of damage caused by Sandy was of a level never before experienced in New York State and the impact will be felt for years to come.



Moving forward, with the added experience gleaned from all of these incidents – whether natural disasters or manmade incidents – including the recent Winter Storm Nemo (though it technically falls outside the timeline of this report) the State, under the leadership of Governor Andrew M. Cuomo, will continue to enhance and refine its disaster response capabilities.

It also remains a core component of the Disaster Preparedness Commission’s (DPC) mission to leverage its resources and expertise to help improve local disaster response capabilities. Over the past year, the DPC and its constituent agencies continued to provide extensive assistance to local authorities in their efforts to improve local disaster preparedness, which is outlined in the Planning section of this Annual Report.

As noted above, recent events have confirmed the State's vital role in improving local disaster preparedness. Major storms Hurricane Irene, Tropical Storm Lee, and Superstorm Sandy swept through the State, quickly overwhelming -- in some cases, crippling -- the capacity of local governments to effectively respond to the catastrophic damage caused by these storms. Moreover, there is a significant likelihood that future storms will only increase in frequency and severity. Accordingly, the DPC recommends that the State continue to actively assist localities enhance their ability to respond to disasters and examine ways to improve and expand such assistance. The DPC also recommends that the State continue to develop its own disaster response plans to prepare for instances where the State is required to assume direction of local disaster operations because an affected locality is itself unable to manage those operations.



To that end, the DPC will soon provide more detailed recommendations to Governor Cuomo on how to best enhance the planning/preparation for State-local cooperation in the face of impending natural disasters (or unanticipated man-made disasters), and for the coordination and implementation of a State-led response when local municipalities cannot manage the impact and consequences of such events.

HIGHLIGHTS OF ACTIVITIES

April 2012 Fire Incidents – Eastern New York State

In the spring of 2012, abnormally dry conditions over the previous winter and spring produced minor to moderate drought conditions across a large portion of New York State. In early April, low relative



humidity and strong winds contributed to multiple fire incidents across parts of eastern and southern New York State.

The largest fire occurred in Suffolk County across 1,124 acres in four municipalities (Ridge, Wading River, Manorville and Brookhaven). Residences in those areas were evacuated, some of which were sheltered by the American Red Cross, and several local firefighters were treated for injuries sustained battling this blaze. In Rockland County, approximately 550 acres in the Harriman State Park were affected by wildfire. In Sullivan County, a structure fire at the Grandview

Palace condominium spawned multiple brush fires that caused the evacuation of approximately 100 residents.

On April 9, in response to the fires in Long Island, the State Emergency Operations Center (State EOC) in Albany was activated with the following agencies: Office of Emergency Management (NYSOEM), Department of Environment Conservation (NYSDEC), Office of Fire Prevention and Control (OFPC), NYS Department of Health (NYSDOH), Division of Homeland Security and Emergency Services (DHSES), Division of Military and Naval Affairs (DMNA), Office of Parks, Recreation and Historical Preservation (OPRHP), NYS Division of State Police (NYSP), Department of Transportation (NYSDOT), and the American Red Cross (ARC).

On April 10, Governor Andrew M. Cuomo declared a State of Emergency for Suffolk County to allow New York State to coordinate and respond with local governments to fight the wildfires.

In Long Island, more than 245 personnel assisted in the emergency response effort, and an additional 150 firefighters from 27 local volunteer fire departments participated in firefighting efforts. NYSP field staff, DEC Forest Rangers, OFPC Fire Protection Specialists, and NYSOEM staff were deployed to assist local governments in Suffolk County. In addition, NYS Office of Interoperable and Emergency Communications (OIEC) deployed a Strategic Technology Reserve (STR) communications vehicle to assist with communications issues. Aerial assets deployed included a New York State Police helicopter that conducted more than 20 water dropping operations, and a National Guard helicopter that conducted aerial surveys to determine fire perimeter and fire spread projections. State and local law enforcement, including K-9 teams, monitored potential arson activity.

In Rockland County, in response to the fire at the Harriman State Park, staff from NYSOEM, OFPC, NYSDEC, OPRHP and ARC, as well as AmeriCorp and The Nature Conservancy (THC) teams, provided support to the Incident Command Post at the Anthony Wayne Recreation Area. OIEC provided an STR communications vehicle and ARC provided food for firefighters and command post personnel.

On April 14, NYSOEM, OFPC and ARC provided support to Sullivan County in response to the fire at the Grandview Palace condominium that spawned multiple brush fires and destroyed several nearby buildings. Fire districts from Sullivan, Ulster and Orange counties responded to the incident, and approximately 60 displaced residents sheltered at the Sullivan County Community College were assisted by ARC and the Sullivan County Office for Family Assistance.

From April 9-21, various other fires (brush, structural, etc.) were reported across eastern New York State, including Albany, Clinton, Delaware, Dutchess, Oneida, Orange, Otsego, Rensselaer, Richmond, Saratoga, Schenectady, Sullivan and Ulster counties, and New York City.

June 2012 Wallenda Tightrope Walk – Niagara Falls, Erie County

In anticipation of public interest generated by the Wallenda tightrope performance at Niagara Falls on June 13, 2012, DHSES and NYSOEM were tasked with planning and managing public safety during the performance. More than 30 federal, state, local and international partners participated in event planning, which was conducted over several months before the performance date.



Days before the performance, an emergency operations center was established at the Niagara Falls Conference Center, as well as a command post near the site. Public safety during the performance was managed by approximately 30 agencies, including a Unified Command staff consisting of NYSOEM, NYSP, and State Parks Police. The Unified Command staff was also responsible for pre-staged assets that would be deployed if a separate incident were to occur during the Wallenda performance. In addition, Office of Interoperable and Emergency Communications staff was deployed to assist with communication issues.

There were no major issues reported before, during or after the Wallenda performance.

July 2012 Severe Storms / Elmira Tornado

On July 26, a line of severe thunderstorms caused power outages for almost 100,000 New Yorkers, damage to homes, apartments, businesses, public and private property, and damaged and downed thousands of trees.

In anticipation of the approaching storm, the State EOC in Albany was activated with the following State agencies: NYSP, NYSDEC, NYSDOH, NYSDOT, OFPC, OPRHP, Office of Mental Health (OMH), Office for People With Developmental Disabilities (OPWDD), Public Service Commission (PSC), and ARC.



As a precaution, OPRHP evacuated tent campers at ten (10) campgrounds in the expected path of severe weather – campers were offered a full refund and were informed that they could return to the campgrounds after the storm, if conditions warranted. In addition, NYSDEC advised all campers in the Catskills and Southern Adirondacks of the impending weather and strongly encouraged tent campers to seek shelter.

Governor Andrew M. Cuomo declared a State of Emergency for Chemung County in response to widespread damage caused by a line of severe thunderstorms that produced winds in excess of 60 miles per hour and hail over one inch in diameter. There was a confirmed tornado touchdown in Elmira that damaged several structures, caused multiple structural fires, and downed numerous trees and power lines. The National Weather Service (NWS) and NYSOEM Region IV staff reported severe damage to the downtown area of Elmira, including partial building collapses, numerous structure fires, and trees and wires down in the Town of Vestal and the City of Binghamton. The City of Elmira also declared a State of Emergency to respond to the extensive damage, and ARC opened a shelter for 100 persons in the City of Elmira.

In Onondaga County, a 9-1-1 center tower was struck by lightning, which effected the relocation of Onondaga County to its alternate site in downtown Syracuse. As a result of the lightning strike, the county was able to use only one of the three channels used to dispatch police agencies throughout the county.

On July 28, news media reported that 16 houses were declared uninhabitable in the aftermath of the tornado. One death was also reported by news media: a 61-year-old man was reportedly struck by collapsing scaffolding outside a church in Brooklyn during the storms.

August 2012 Structure Fire – Town of Ghent, Columbia County

On August 1, a fire involving potentially hazardous materials broke out at a facility owned and operated by TCI Incorporated in the Town of Ghent. The fire involved several different types of materials stored in the facility, including sodium, diesel fuel, propane and fuel oil.

At the direction of Governor Andrew M. Cuomo, State personnel were instructed to assist in the emergency response effort, including NYSOEM, NYSDEC, OFPC, OPRHP, NYSP, DMNA, and NYSDOT.



In response to the incident, the Town of Ghent declared a State of Emergency. The Columbia County Sheriff's Department and NYSP conducted evacuations of approximately 40 residences within a one-mile radius of the incident. ARC established a shelter at the Chatham Fire Station for displaced residences.

Due to the eastward track of the plume from the fire in Ghent, located ten miles from the Massachusetts border, the Massachusetts Emergency Management Agency recommended that residents within 15 miles of the fire shelter-in-place, especially communities in the Southern Berkshire County east and south of Alford and Great Barrington. The shelter-in-place recommended was defined as a precautionary action until the exact impact of the chemicals that might be contained in the plume was determined by health officials. The Commonwealth dispatched personnel from the Department of Environmental

Protection, Department of Public Health, Department of Fire Services and National Guard to determine the impacts of the plume to Massachusetts residents.

In addition, the Federal Aviation Administration (FAA) in Boston, MA approved a "no-fly zone" within a five-mile radius of the incident for a 24-hour period.

The investigation into the cause of the TCI fire by OFPC spanned from August 2 through September 29. The length of the investigation was due to the extensive fire damage and building collapse, along with the possibility of chemical contamination of the building, equipment contained within the building, and the overall property site. The fire origin-and-cause investigation was performed in unison with State public safety and environmental agencies in coordination with a licensed environmental contractor. Dozens of interviews were conducted, extensive photographic documentation was compiled, and physical evidence was examined. OFPC investigators were able to eliminate numerous accidental and natural fire causes, with the exception of a possible chemical reaction – spontaneous heating of materials. Based on the investigation and review of all hypotheses examined, OFPC classified the TCI fire as accidental.

In regards to potential public health risks as a result of the fire, according to a NYSDEC report (updated September 20, 2012: <http://www.dec.ny.gov/chemical/84125.html>), "Multiple series of tests associated with the TCI fire ... performed since August 2 ... show there is no threat to public health in the surrounding area ... All of the data indicates there is little evidence for people's potential exposure to PCBs, dioxins, or furans in the surrounding area from this fire."

August 2012 – Maccabi Games, Rockland County

The JCC Maccabi Games are an Olympic-style sporting competition held each summer in North America. It is the largest organized sports program for Jewish teenagers in the world. This year's Games were held in Rockland County August 11-17 and nearly 1,500 people were in daily attendance.

Through its five offices, DHSES provided a wide range of support for the Maccabi Games, including: pre-event planning; operational support; coordination of fire services; fire code inspections; radio communications; and staff serving as a multi-agency intelligence center partner, and providing a cache of VHF radios programmed on the Sheriff's department frequency.

Specifically, in the months ahead of the Games, DHSES Office of Emergency Management (OEM) and Office of Counter Terrorism (OCT) executives met frequently with the Rockland County Sheriff's office and event coordinators on matters of event planning, security, threat intelligence and response.

OCT communicated with New York State Intelligence Center, FBI New York Office and fusion centers in other Maccabi host states to share any pre-event intelligence. DHSES Office of Fire Prevention and Control (OFPC) participated in the pre-event planning and coordination with county fire service, code officials, and Rockland Community College personnel. During the event, staff from OCT, OIEC, OEM and OFPC were in attendance, providing fire code inspections, County EOC coverage, and staffing the DHSES Command One vehicle. For the first time ever, Command One served as a mobile intelligence center utilized by OCT and law enforcement agencies to monitor any incoming threats.

DHSES staff was commended by Rockland County officials for the outstanding efforts in support of the Games.

October 2012 Superstorm Sandy

Overview

Superstorm Sandy was one of the most devastating storms ever to impact the State of New York. On October 28 and 29, New York State was battered with torrential rain, storm surges and powerful winds, the effects of which lasted in some places for more than 24 hours. The storm caused once-in-a-generation flooding and catastrophic power outages, bringing down power lines, uprooting trees, and forcing the evacuation of more than 400,000 people in New York City and Long Island from their homes and businesses.

After the storm passed, 60 deaths were attributed to Sandy, up to ten inches of rain were received in southern and eastern parts of the State, and more than 2.1 million customers lost electrical service. Several thousand individuals and families sought food, water and warmth in more than 106 shelters across the affected areas.

Two days before the storm struck, Governor Andrew M. Cuomo ordered NYSOEM to prepare for Sandy's arrival, including the pre-deployment of assets in preparation for the response to the impact of the storm. On Friday, October 26, the State EOC in Albany was activated to coordinate State response activities. State agencies, county and city government agencies, NWS, and the Federal Emergency Management Agency (FEMA) participated in numerous conference calls to discuss the potential tracks of the storm and to coordinate storm planning efforts such as operations support and field staff deployments.



Also on Friday, October 26, Governor Cuomo declared a State Disaster Emergency in preparation for the potential impact of Superstorm Sandy. The emergency declaration was enacted to activate State resources to assist local governments more effectively and quickly, to allow the State to activate the national Emergency Management Assistance Compact (EMAC) to bring in resources from out of the State, and to access key federal resources early in anticipation of the emergency.

Federal Disaster Declaration

On Tuesday, October 30, President Obama granted Governor Cuomo's request for a federal disaster declaration for seven counties: Bronx, Kings, Nassau, New York, Richmond, Queens and Suffolk. The federal emergency declaration was enacted to enable the federal government to provide assistance and resources to New York State and local governments to support activities related to evacuation, sheltering, and other protective measures, including debris removal, logistics management and electric power generation.

In the following months, FEMA approved additional counties to receive federal disaster assistance based on damage assessments. As of February 2013, there were a total of 14 counties included in the federal disaster declaration for Sandy: Bronx, Kings, Nassau, New York, Orange, Putnam, Richmond, Rockland, Queens, Suffolk, Sullivan, Ulster and Westchester counties (Individual Assistance and Public Assistance), and Greene County (Individual Assistance only).

General Storm Statistics

- 60 fatalities
- More than two (2) million customers without power
- More than 300,000 housing units destroyed or damaged
- More than 400,000 residents evacuated from New York City and Long Island
- 56 facilities evacuated in New York City, and Nassau, Westchester and Suffolk counties
- 6,001 patients evacuated from New York City healthcare facilities
- 5.6 million cubic yards of debris removed; 17 bridges and three tunnels closed; 161 road segments impacted



Response Statistics

- 212,282 personnel from 23 State agencies during peak deployment, including:
 - Five (5) Swiftwater Rescue Teams
 - 56 Fire Protection Specialists
 - 1,614 NYSP Troopers
 - 5,095 DMNA personnel
- National Guard deployed 800 personnel from 10 states
- EMAC – 22 states sent 1,127 personnel
- 1,061 volunteers from 29 states assisted in response and recovery
- ARC established 147 shelters that served approximately 29,364 people

Disaster Assistance Statistics

- 270,832 individuals registered for federal Individual Assistance
- Individual Assistance: \$939.7 million
- Public Assistance: \$806 million
- Sheltering and Temporary Essential Power (STEP) program: 12,578 repairs to 12,951 eligible properties in NYC and Long Island
- Small Business Administration (SBA): 20,398 loan applications approved for \$1.333 billion
- National Flood Insurance Program (NFIP): 56,676 estimated claims with approximately \$3.179 billion paid

Expanded Regions: Focused Support to Local Partners

During this reporting period, NYSOEM subdivided its five existing regions and doubled the number of personnel assigned to these regions, allowing for more personalized coverage at the local level. The ten Regional Directors, supported by Regional Coordinators, will help foster collaborative relationships among State agencies servicing a given region, as well as with a smaller number of counties and localities within the regions.

The new construct is further enhanced by coordinating efforts among DHSES employees across its merged agencies, as well as sister State agencies within the regions such as NYSP, DMNA, NYSDOT, NYSDEC, NYSDOH, and other appropriate members of the DPC.

Within the construct comes the opportunity to co-locate workspace among agencies such as NYSOEM and OFPC to provide better communications, planning and response capabilities within DHSES family agencies.

Filling existing vacancies created by the region expansion are a priority to meet the anticipated level of support with the geographic locations that make up the regions across the State. This allows cross coverage and depth “on the bench” for multiple or prolonged responses, as well as the ability to provide additional personnel in areas particularly hard-hit such as downstate region during Superstorm Sandy and Winter Storm Nemo.



PROGRAM STATUS

The NYS Office of Emergency Management (NYSOEM), as the operational arm of the DPC, provides the State's emergency management programs. The programs include all aspects of the phases of emergency management (preparedness, response and recovery). It is important to note the various efforts that are on-going to continue the development of State and local disaster plans, on-going recovery and mitigation efforts and more 'routine' operational response efforts.

Outlined below are several key NYSOEM program areas, their on-going efforts summarized and a few key metrics provided.

Grant Administration

The following table illustrates federal and State share of funding for recent federally-declared disasters under the Public Assistance program:

Public Assistance Disaster	Incident Period	FEMA #	Federal Share	State Share
Severe Storms and Flooding	May 13–June 17, 2004	DR-1534	\$42,290.96	\$6,955.75
Severe Storms and Flooding	April 2–4, 2005	DR-1589	\$95,709.31	\$15,737.30
Severe Storms and Flooding	June 26–July 10, 2006	DR-1650	\$16,652,912.23	\$1,120,052.62
Severe Storms and Flooding	November 16–17, 2006	DR-1670	\$372,606.81	\$119,079.21
Severe Storms and Inland and Coastal Flooding	April 14–18, 2007	DR-1692	\$2,958,793.39	\$142,523.05
Severe Winter Storm	December 11–31, 2008	EM-3299	\$58.00	\$9.66
Severe Winter Storm	December 11–31, 2008	DR-1827	\$21,827.74	\$3,637.96
Severe Storms and Flooding	August 8–10, 2009	DR-1857	\$4,071,436.57	\$428,985.66
Severe Storms and Flooding associated with Tropical Depression Ida and Nor'easter	November 12–14, 2009	DR-1869	\$28,747.88	\$0.00
Severe Storms and Flooding	March 13–31, 2010	DR-1899	\$365,471.49	\$42,353.52
Severe Storms, Tornadoes and Straight-line Winds	September 16, 2010	DR-1943	\$712,929.67	\$84,480.29
Severe Winter Storm and Snowstorm	December 26–27, 2010	DR-1957	\$5,313,102.68	\$885,517.11
Severe Storms, Flooding, Tornadoes and Straight-line Winds	April 26–May 8, 2011	DR-1993	\$2,424,359.95	\$390,599.18
Hurricane Irene	Aug. 25–Sept. 5, 2011	EM-3328	\$1,312,446.00	\$98,457.55
Hurricane Irene	Aug. 26–Sept. 5, 2011	DR-4020	\$202,529,595.19	\$43,638,858.92
Remnant of Tropical Storm Lee	September 7–11, 2011	DR-4031	\$31,187,410.59	\$8,342,347.67
Superstorm Sandy	Oct. 27–Nov. 8, 2012	DR-4085	\$331,652,093.28	\$0.00
TOTAL			\$599,741,791.74	\$55,319,595.45

Operations

NYS Emergency Operations Center Activations

In times of emergency or disaster, the New York State Emergency Operations Center (State EOC), located in Albany, is activated to support local government by coordinating the response of State agencies. Since January 2012, the State EOC was activated 13 times in support of the following events:

Date	Incident Name
January 11, 2012	Contaminated Items
February 11, 2012	SUNY Canton Fire
February 29, 2012	Snow Storm
April 9-14, 2012	High Risk Wild Fires
April 16-19, 2012	Brush and Wild Fires
May 29, 2012	Severe Weather
June 15, 2012	Wallenda Event
July 26, 2012	Severe Weather
September 8, 2012	Severe Weather
October 26, 2012 - present	Superstorm Sandy/Nor'easter
December 26-27, 2012	Winter Storm
February 8-29, 2013	Winter Storm
February 27, 2013	Winter Storm

Incidents Reported to the New York State Watch Center

AFRCC-Alert Notice Incident (ALNOT)	2
AFRCC-Emergency Locator Transmitter (ELT's) Mission	66
AFRCC-Personal Locator Beacon Missions (PLB's)	16
AFRCC-Rescue/Medivac/Mercy Missions	1
Ag&Mkts Hotline	44
Air Conditioner / Heater	1
Air Quality Alert (AQI)	71
Air Sampling / Purification	1
Air Search Team (Fixed-Wing)	11
Airborne Reconnaissance (Fixed-Wing)	11
Aircraft Incident - no injury/casualty	167
Aircraft Incident - with injury/casualty	60
Amber Alert	44
Ambulances (Ground)	6
Animal Disease/Quarantine	1
Armed Conflict	128
Assistance	63
Batteries	2

BLDG 22 Facility Incident - Non Evacuation	21
Boat	4
Boil Water Advisory	200
Bomb Threat	148
Bucket Truck / Lift	1
Building Supplies / Services	2
Bulldozer - Wheel	1
Burn Ban	7
Bus	2
Chain Saws	23
Civil Disturbance/Protest	8
Civil Support Team (CST)	121
Command Vehicle	1
Communications Disruption/Outage	165
Communications Eqpt.	32
Construction Accident	83
Cots / Bedding	7
Cranes - Hydraulic Truck	8
Dam Failure	2
Damage Assessment	3

Damage Assessment - Structure	5
Damage Report	144
DART Team	5
Debris Management Team	1
Debris Removal Eqpt.	19
Debris Removal Team	6
DHSES Exec Hotline	57
DHSES Field Report	16
Disaster Medical Assistance Team (DMAT)-Basic	7
Disaster Mortuary Operational Response Team (DMORT	1
Disaster Recovery Center (DRC)-Status/Activity	6
DOCS Crew	74
DOH Duty Officer Call	1,781
Dry Ice	2
Dump Truck - Off Road	1
Dump Truck - On Road	7
Earth Moving Equipment	2
Earthquake/Seismic	215
Electrical Power Restoration Team	7
EMAC Incident Management Assistance Team (IMAT)	15
EMAC-Status/Activity	8
Engineering Services	11
EOC Planning Section Chief	5
EOC/ECC/DOC-Activity/Status	442
Equipment	35
Evacuation	217
Evacuation Siren Outage	8
Executive Order	58
Exercise/Drill	405
Explosion	189
Facilities - Storage	1
Facility Report	17
FEMA Reports	362
Fire	2028
Firefighting Support / Supplies	1
Flood	68
Food	21
Forklift / Pallet Eqpt.	8
Fuel Tender / Eqpt.	21
Generators / Transformers	162

Geographic Information Systems (GIS)	4
HAZMAT - Incident	742
HAZMAT Response	10
Heaters	3
Heating/Transportation Fuel Reports	31
Helicopter	49
Helicopters, Firefighting	2
Housing	44
Hurricane	5
Ice	3
Ice Jam	67
Incident Command Post Activity	7
Incident Management Team	20
Individual Assistance Disaster Assessment Team	8
Information - Intelligence	2,790
Information Distribution	25
Instability / Collapse	434
IT Support	19
Land Subsidence (Slide)	6
Law Enforcement	2
Life Safety Code Violation	18
Light Sets	2
Light Sets - Towers	70
Logistics Support Mgnt.	1
Maps	2
Mass Transit Accident	126
Medical Services	1
Medical Supplies	3
Medicine	4
Meeting Room Scheduling	1
Missing Person	150
Mobile Communications Unit (Law/Fire)	1
Modular Bldg. / Housing	9
NY Assembly/Senate Calls	4
NYSEOC-Status/Activity	4
OCS Incident Response Team Hotline	15
Office Supplies / Furniture	28
OFPC Burn Injury Report	3741
OFPC Crossfire Emails	16
OFPC DO Line	666
OFPC Fire Fighter Injury	126
OFPC Hazmat	59

Other	154
Personal Care Supplies	2
Personal Protective Equipment (PPE)	3
Personnel	116
Personnel Hygiene Items	8
Photographs / Video	1
Police Activity	207
Portable Pump	17
Preplanned Event/Mass Gathering	33
Press Release	189
PSC Load Reduction	25
Public Health Incident	5
Radiological - Alert	43
Radiological - General Emergency	140
Radiological - Site Area Emergency	53
Radiological - Unusual Event	90
Radiological Incident	86
Radiological Shipment	377
Radiological-TEST	33
Refrigeration Eqpt. / Srvcs.	2
Rescue	222
Roadway Materials (sand, stone, etc.)	3
Sand Bags	21
Sandbag Filler	10
Sanitary Systems	2
Search and Rescue	35
Security Teams	5
SEOC Operations Branch Report	6
Sewage Treatment Eqpt. / Srvcs.	1
Shelter	2
Sheltering	30
Smoke Condition	16
Snow Removal Equipment	16
Snowmobile	1
Space	4
State of Emergency	281
Storm Emergency Fire Units - SEFUs	4
Strike	13
Suspicious Package/Device	362
Swiftwater/Flood Search and Rescue	4

Team	
Tents	3
Test	1,764
Tractor Trailer	6
Traffic Control	11
Training	11
Transportation	33
Transportation Closure	6,096
Transportation Delay/Disruption	7,750
Transportation Escort	2
Transportation Waiver	6
Tropical Storm	22
Unknown Detected Substance	1
Utility Disruption/Outage-Gas, Electric	942
Variable Message Sign	1
Vehicle - 4X4	18
Vehicle Services	1
Vehicles - Mass Transportation	3
Vehicles - Specialty	28
Watch Center Equipment Failure	144
Watch Center Evacuation	2
Water - Drinking	32
Water Conservation	20
Water Main Break/Facility Incident	315
Water Pumps	108
Water Sampling / Purification	1
Water Tender, Firefighting (Tanker)	21
Water Trailers	58
Water Truck	2
WC Support Request	902
Weather Advisory	1,705
Weather Conference Call	101
Weather Information	2,185
Weather Warning	2,153
Weather Watch	529
Cumulative Total	44,888

Incident Management Team Program

The NYS Incident Management Team (IMT) Section Chief participated in a planning meeting (conference call) for the New York Wildfire and Incident Management Academy at Brookhaven National Labs in Suffolk County (October 26–November 2, 2012).

The NYS IMT Section Chief met with the Team Leader for the Federal Emergency Management Agency (FEMA) Region II Incident Management Assistance Team (IMAT) regarding hurricane response issues impacting New York State and to discuss opportunities for the NYS IMT and FEMA Region II IMAT to work together to prepare for a hurricane scenario.

Despite much work and effort to conduct the 2012 New York Wildfire and Incident Management Academy (scheduled for October 26 to November 2, 2012) at Brookhaven National Labs in Suffolk County, the decision was made to cancel the remainder of the New York Wildfire and Incident Management Academy on October 27, and to demobilize all non-essential and non-local personnel on October 28 in anticipation of Superstorm Sandy's impact on the Long Island area.

From October 30 to November 11, 2012, the State's Incident Management Team was deployed to Nassau County in response to Superstorm Sandy. This was the largest continuous deployment of the NYS IMT within New York State since the Team was established in May 2004. The NYS IMT was supported by a Federal National Incident Management Organization (NIMO) team comprised of a full Type 1 Command and General Staff Team. Additionally, three Type 3 IMTs from the State of Indiana were combined into one 53-person Type 3 All Hazards IMT and assigned to Long Beach in Nassau County. The NYS IMT was relieved by and transitioned with a Type 3 IMT from Southwest Missouri.



The Western New York Type 3 IMT was deployed to Long Island to support the State's response to Superstorm Sandy. The Western New York IMT provided two separate "short teams" of approximately 8–10 persons each back-to-back for a week, initially working at the Joint Federal/State Staging Area at Republic Airport, then briefly with the NYS IMT in Nassau County, before finishing up supporting the Suffolk County Emergency Operations Center in Yaphank.

The NYS IMT was redeployed a second time to Breezy Point (Queens County) to support the State, New York City, and the Breezy Point Cooperative's response to Superstorm Sandy from November 23 to December 7, 2012 with members of the NYS IMT extending to work as part of a State Type 3 IMT for another week.

NYS IMT Program staff travelled out to Batavia in Genesee County to meet with the Western New York IMT leadership group to discuss the reimbursement process for Superstorm Sandy and discuss other program issues, including training requests and the need to develop standardized procedures for future deployments.

The NYS IMT Section continues efforts to expend 2009 and 2010 State Homeland Security Grant Program (SHSGP) funds earmarked for the IMT Program. The expenditure of these IMT grant funds is time-sensitive.

IMT Training Conducted

- Students attended an All-Hazards Incident Command System (ICS) Resource Unit Leader Course (L-965) held at the FDNY Training Academy (October 1-4, 2012).
- Twenty (20) students attended an All-Hazards ICS Planning Section Chief Course (L-962) held at the Orange County Department of Emergency Services (October 9–12, 2012).
- Thirteen (13) students attended an All-Hazards ICS Incident Commander Course (L-950) held at the Livingston County Center for Emergency Operations and Training Facility (October 22-26, 2012).
- Seventeen (17) students attended an All-Hazards Finance Administration Section Chief Course (L-973) at the Genesee County Fire Training Center (November 26-28, 2012).
- Fifteen (15) students attended an All-Hazards ICS Public Information Officer (PIO) course (L-952) at the State Preparedness Training Center (December 3–7, 2012).
- Twenty-three (23) students attended an All-Hazards ICS Logistics Section Chief course (L-967) at the Orange County Department of Emergency Services (December 10–14, 2012).
- IMT Program supported the delivery of the L-950 All Hazards Incident Commander Course for 25 students at the Orange County Department of Emergency Services in Goshen (January 7–11, 2013).
- IMT Program supported the first of eight FEMA Regional offerings of All-Hazards ICS Position Specific Courses scheduled in the first half of 2013. The L-975 All Hazards Finance/Admin Unit Leader Course was held in Saratoga County at the Malta Ambulance Corps with 15 students successfully completing the course (January 29–31, 2013).
- A member of the NYS IMT and an ICS Instructor provided support to the Pennsylvania Command and General Staff Academy held in Altoona, PA (February 25–March 1, 2013). The Academy sponsored each of the FEMA All Hazards ICS Position Specific Courses for the Command and General Staff positions.



Logistics

NYSOEM Stockpile made the following equipment loans during this reporting period:

Date	Receiver	Item	Quantity
May 14, 2012	Cayuga County	6" Water Pump	1
		Hard Suction Hose, 6"	3 lengths
		Adapters, Fittings	Misc.
July 8, 2012	St. Lawrence County	Water Tankers, 5.5K Gal	4
August 2, 2012	Franklin County	Light Towers	2
August 28, 2012	Westchester County	Water Tankers, 5.5K Gal	4
		Water Tankers, 400 Gal	5
September 25, 2012	Montgomery County	Water Pump, 6"	1
		Hard Suction Hose, 6"	7 lengths
		Elbows, 6"	2
		Strainer for Hard Suction Hose, 6"	1
		Soft Discharge Hose	15 lengths
		Aluminum Irrigation Pipe, trailer	1
September 27, 2012	Warren County	Water Pump, 6"	1
		Hard Suction Hose, 6" lengths	3
		Strainer for Hard Suction Hose, 6"	1
		Soft Discharge Hose	2 lengths
October 2, 2012	Lake George Park Commission	Sandbagging Unit	1
October 15, 2012	Washington County	Light Towers	5
October 25, 2012	NYS Dept. of Environmental Conservation – Wildfire Management Academy	Chainsaws	10
October 28, 2012	Metropolitan Transportation Authority (MTA) (Croton on Hudson)	Cots	500
		MREs	1500
	Schoharie County Office of Emergency Management	Generator, 100kw	1
		Generator, 60kw	1
	Nassau County Office of Emergency Management	Trash Pump, 6"	2
		Sandbagger	1
		Hard Suction Hose, 10ft	4
		Soft Discharge Hose, 50ft	8
		Spare 6" Gaskets	12
		Chainsaws	50
		Chaps	50
		Safety Glasses	50
		Gas Cans	10
		Helmet/Face piece	50

Date	Receiver	Item	Quantity
October 28, 2012	City of Binghamton (Broome County)	Trash Pump, 4"	2
		Hard Suction Hose, 10ft	4
		Soft Discharge Hose, 50ft	8
October 29, 2012	Metropolitan Transportation Authority (MTA) (Croton on Hudson)	Cots	190
		MREs	420
	Shinnecock Indian Reservation	Generator, 10kw	2
		Light Tower	1
October 30, 2012	Port Authority (JFK Airport)	Trash Pump, 4"	4
October 31, 2012		Hard Suction Hose, 10ft	4
November 01, 2012	Village of Kiyras (Orange County)	Generator, 58kw	1
		Generator, 58kw	1
		Generator, 100kw	1
	Lamplighter (Orange County)	Generator, 200kw	1
	Port Authority (JFK Airport)	Soft Discharge Hose, 50ft	4
November 02, 2012	Village of Kiyras (Orange County)	Generator, 10kw	5
	Village of Greenwood Lake (Orange County)	Generator, 45kw	1
	ACS Children's Center (New York City)	Generator, 45kw	1
	Citi Field (Queens County)	Trash Pump, 4"	3
		Hard Suction Hose, 10ft	3
		Soft Discharge Hose, 50ft	3
	Rockland County	Generator, 10kw	25

Planning

Emergency Response Planning

State Level

New York State's accreditation under the Emergency Management Accreditation Program (EMAP) is undergoing a complete review. Reaccreditation requires documentation and compliance of the State's efforts to maintain its performance to the standards met during the initial accreditation process completed in 2006.



The EMAP accreditation process uses 63 standards to assess the State's level of preparedness. Providing written documentation to address each standard will be the key to successfully receiving recertification. As such, the EMAP recertification will be a significant demand on NYSOEM staff and DPC partner agencies as it will require the review, update, and, in some cases, the creation of several plans, policies and procedures. NYSOEM Planning is the lead on the accreditation process. A formal rollout to the DPC agencies is currently being scheduled. The on-site peer review process is anticipated by July 2013.

Staff continues to make progress on the FEMA-mandated Threat and Hazard Identification and Risk Assessment (THIRA) process. A small working group from NYS Office of Counter Terrorism (OCT) and NYSOEM facilitated the receipt of local THIRA information from all 62 counties in New York State. Staff also completed the introductory portion of the THIRA and set a timeline for submission to FEMA. NYSOEM and OCT staff hosted DPC agency partners on March 21 to outline the remainder of the process and obtain feedback and input on the working group's efforts. THIRA supports the development of the State Preparedness Report (SPR) and the application for the State's Homeland Security Grant Program (HSGP).

Through the State University of New York (SUNY), the State is now postured to begin its own catastrophic planning effort. Planning staff have met internally with program-level and Executive staff regarding the State's catastrophic planning efforts. Staff developed several planning taxonomies for consideration, pending Executive approval. Staff also identified core components and key constructs for new State response integration with a county government in response to issues associated with Winter Storm Nemo. Staff presented several constructs and graphical depictions to OEM leadership and several State agencies for consideration.

Planning staff continued its engagement in planning efforts with the NYS Division of Military and Naval Affairs (DMNA) to develop the Homeland Response Force (HRF), a National Guard Bureau initiative designed to build the capability in each FEMA region to quickly activate and deploy 550 military personnel. DMNA is the lead in facilitating this effort for the region and has consistently worked across several military elements to achieve this capability. OEM staff has nearly completed the State's civilian version of the plan to fully implement the HRF response capability into the State's suite of disaster plans.

Planning staff continued to support the Regional Catastrophic Planning Grant (RCPG) program. The base plans created under the RCPG are complete. The current focus remained aimed at planning for an Improvised Nuclear Device (IND), consolidating federal integration planning efforts, and consolidating a

high-level regional structure to tie in multiple federal/state/local Joint Field Offices (JFOs) under one regional unified coordination group structure. Agencies that wish to provide more representation were encouraged to contact the NYSOEM Planning Section.

Progress continued on the New York City Delaware Aqueduct System planning project. The aqueduct system is owned, operated and maintained by the NYC Department of Environmental Protection (NYCDEP) and serves as the prime municipal water supply for several Hudson Valley jurisdictions and New York City. The system is experiencing several areas of leakage and there are ongoing concerns of a potential failure of the system. The effort was stalled primarily due to the response and recovery to Hurricane Irene and Tropical Storm Lee. The effort is supported by NYSDOH –Bureau of Water Supply, NYCDEP, and emergency management officials from New York City and Ulster, Putnam, Orange and Westchester counties. Mid-summer workshops are being planned to take the next steps in the program.

The New York State Citizen Corps Program (CCP) continued to engage New Yorkers in all-hazards prevention, protection, response and recovery efforts through local Citizen Corps Councils and Community Emergency Response Teams (CERT). Planning staff sent CCP Fiscal Year (FY) 10 contracts to local participants and continued to ensure continuity of funding with NYSOEM Finance. Staff is working with the NYSOEM Training Section to identify and build a sustainable, vendor-supported CCP Train-the-Trainer platform using federal funding.



Staff continued work on establishment and implementation of a State-led Scientific Support Group (SSG). The SSG mission includes mechanisms to incorporate local, state and federal scientific and technical capabilities and resources into a unified setting. The SSG will replace past efforts of the Chemical, Biological, Radiological, Nuclear and Explosives (CBRNE) task force, and will serve as the State's response to obtain, collect and postulate radiation-based data for executive decision-making. Other project areas include provisions for State support to IND response activities and a local plan template for counties to use as a guide in their own efforts.

Local Planning / Training Assistance

It remains a core component of the DPC's mission to leverage its resources and expertise to help improve local disaster response capabilities to ensure that all forms of local emergency response assets have been included and accounted for in planning and preparation for disaster preparedness and response. During calendar year 2012, staff assisted with or reviewed a variety of plans for local governments, including:

- 36 local Comprehensive Emergency Management Plans
- Eight (8) Hazard Mitigation plans
- Two (2) Debris Management plans
- 17 specialty plans, e.g., state and county fairs, long term recovery, special event, strategic national stockpile, hospital preparedness
- 178 dam safety Emergency Action Plans

Additionally, staff participated in 42 exercises ranging from tabletop exercises to full scale drills, which included multi-agency participation at the local, county, state and federal levels.

In 2013, staff will continue to provide planning and exercise support and technical assistance to the local governments as needed. Currently, eight counties in western New York State and the City of Buffalo have asked for assistance with complete Comprehensive Emergency Management Plan (CEMP) revision. NYSOEM staff will also continue to assist local governments with the development and review of specialty plans, in particular, debris management, hazard mitigation, and long-term recovery. These three planning areas have received renewed attention in the wake of Hurricane Irene, Tropical Storm Lee, and Superstorm Sandy.

NYSOEM Regional staff will participate in and supporting three full-scale functional drills in 2013. Region III staff will be participating in Albany County's full-scale exercise, which will be held in April 2013. In addition, Region V staff will be participating in two week-long exercises titled "StormWest" and "Flurricane 2013," which will take place in western New York State. Both exercises will take place in the spring and conclude a three-year exercise tract. These exercises are designed to test the region's resilience to a Hurricane Irene and Superstorm Sandy scenario, followed closely by a secondary event much like Tropical Storm Lee and Nor'easter Athena. At the conclusion of the 2012 Flurricane and StormWest exercises, approximately 338 agencies and 13,600 participants from public and private sectors were either directly or peripherally engaged in exercise play. Participation in the 2013 exercises is anticipated to be equally robust.

OEM Regional staff also delivered or assisted with several training sessions covering a variety of emergency management topics. For example:

- Three (3) exercise design trainings;
- Six (6) recovery trainings;
- Four (4) planning trainings;
- One (1) Article 2-B training;
- One (1) new emergency manager orientation;
- 11 emergency operations center trainings;
- Six (6) leadership/management trainings;
- Two (2) Disaster LAN trainings; and
- Five (5) Public Officials Conferences – these conferences typically cover 2-B legal authority, planning, hazard mitigation, recovery, and any other emergency management topics

Additional trainings and exercises scheduled during the fall were canceled or postponed due to Superstorm Sandy.

In addition, NYSOEM Planning staff attended ten local planning meetings and conducted five presentations and webinars regarding the THIRA process.

Accordingly, the DPC recommends that the state continue to actively assist localities, enhance their ability to respond to disasters and examine ways to improve and expand such assistance. The DPC also recommends that the state continue to develop its own disaster response plans to prepare for instances where the state is required to assume direction of local disaster operations because an affected locality is itself unable to manage those operations.

Regional Planning Assistance

Region I: Long Island staff provided planning assistance and guidance to local jurisdictions for a number of events in 2012, including the Barclays's Men's Professional golf tournament at Bethpage State Park attended by 120,139 spectators over a four-day period, the Jones Beach Air Show attended by more than 348,000 people on Memorial Day weekend, and the Belmont Stakes attended by 85,811 people. In addition, Long Island staff participated in coordinated planning efforts with federal, State and local law enforcement, public safety and security agencies for the 2012 Presidential Debate at Hofstra University.

New York City staff assisted in New York City planning and outreach efforts that included activities such as a Radiological Emergency Preparedness (REP) full-scale exercise, the Penn Station/FDNY/DOD CBRNE Drill, the New York Presbyterian Hospital bioterrorism tabletop exercise, and the NYC Penn Station/NY Rail Road Tunnel System (PS/NYRTS) Emergency Response Committee (ERC). Planning assistance also included other high-level coordination with private and public stakeholders. NYC staff also supported the NYC Office of Emergency Management through planned and unplanned activations by providing 24/7 staffing assistance at the NYC Emergency Operations Center (EOC). As of the close of 2012, staff continued to provide multi-regional long-term support of response and recovery efforts for Superstorm Sandy.

Region II: Eastern Hudson Valley staff worked with its four counties with ongoing reviews of CEMPs and associated annexes, and assisted with identifying enhancements, improvements and further areas for development. During the next year, staff will assist with ensuring that plans reflect current capabilities. Additionally, staff will work with counties to review and revise EOC activation procedures and develop and provide orientation workshops for agency representatives.

Region III: Capital District Zone comprises of 10 counties surrounding the Capital Region area. Capital District staff discussed and/or reviewed numerous plans and, at times, referred county emergency managers to the NYSOEM planning section for planning-specific inquiries and questions regarding approved changes. Plans reviewed and/or discussed during this time period included: Saratoga Springs CEMP, Saratoga County CEMP, Fulton County CEMP, Montgomery County CEMP, Montgomery Chempack plan, Albany County SNS plan, THIRA Rensselaer, Albany County CEMP, and Schenectady County CEMP. There are a small number of counties in this region that are preparing to rewrite their CEMP and will be starting this task within the next six months with Regional and NYSOEM HQ support. Capital District staff has also assisted with numerous exercises during the reporting period; these exercises included planning and ensuring that the objectives of their plans were followed during these exercises.

Region IV: Planning continues to be a high priority for the Region IV staff within the fourteen counties that the Region supports. Regional staff routinely attended LEPC meetings and meetings with other emergency management groups in support of local emergency managers and their All-Hazards Preparedness, Response, Recovery and Mitigation activities. Staff participated in planning meetings and initiatives with State, county and local officials to develop and integrate multi-agency, all-hazard emergency response and recovery plans and associated annexes into county and local CEMPs. Staff participated in the Area Maritime Security Committee activities in St. Lawrence, Jefferson and Oswego counties, Fort Drum emergency planning/force protection planning programs, and Counter Terrorism Zone (CTZ) 6 and 7 committee meetings and associated training activity. Additional activities focused on COOP, conducting county-specific emergency operations courses, reviewing capability assessments with supported counties, and a continued focus on emergency management training and planning needs with local jurisdictions.

Region V: Staff worked with 13 counties to conduct reviews of CEMPs, as well as COOP planning, provided assistance with updates, and offered recommendations on how to improve them. Over the course of the next year, they will be working with all of the Region's counties to revamp their approach to the county plans with an eye toward making them usable, operational, capability-based plans. Additionally, the City of Buffalo has asked for assistance with a complete rewrite of its plan during the next year.

Radiological Emergency Preparedness Program

The purpose of the New York State Radiological Emergency Preparedness (REP) program is to minimize the health risk of the State's inhabitants in the event of a radiological emergency, e.g., an accident at a nuclear power plant that may result in the release of radiation above operating limits.

In conjunction with radiological county jurisdictions and power plant licensees, NYSOEM conducted three (3) full-scale REP exercises and one (1) tabletop exercise:

- July 24, 2012: a State-evaluated plume exercise was conducted for Nine Mile Point power plant.
- August 21, 2012: a federally evaluated plume exercise was conducted for Millstone power plant in Connecticut and affects Fisher's Island (Suffolk County).
- October 2, 2012: a federally evaluated plume exercise was conducted for the Indian Point power plant.
- September 24, 2012: a Hostile Action-Based (HAB) tabletop exercise was conducted for the R.E. Ginna power plant.

Numerous out-of-sequence drills, evaluated by FEMA during the reporting period, were conducted with radiological jurisdictions inside the 10-mile Emergency Planning Zone (EPZ). These drills involved medical service functions supporting radiological preparedness at hospitals within the EPZ, reception centers to support personnel and vehicle monitoring of evacuees, and public information meetings for outreach during exercises and events.

The REP Section attended two federal meetings:

- Nuclear Regulatory Commission (NRC) and FEMA annual meeting in Pittsburgh, PA (December 2012)
- Council of State Governments Meeting on High-Level Transuranic Waste Shipments in Knoxville, TN (May 2012)

The REP Section conducted four major interjurisdictional Power Pool meetings with the radiological jurisdictions, federal and State agency representatives, and commercial power plants licensees in New York State. These meetings occur quarterly each year in Albany and the radiological jurisdictions to discuss planning, exercise, events and program-related efforts.

The REP Section also coordinated three training sessions for State agencies, radiological jurisdictions and licensees:

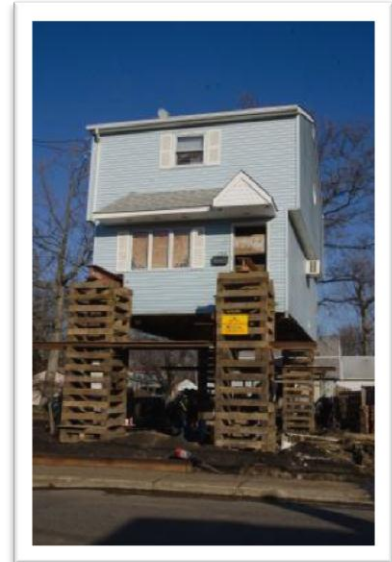
- Radiological Planning and Exercise Controller/Evaluator courses provided by FEMA
- State emergency worker Personnel Monitoring Center (PMC) training conducted for State agencies in Oswego County
- Annual Emergency Action Level (EAL) training conducted for State agency representatives by power plant licensees (December 2012)

Mitigation

The Mitigation Section began meetings with FEMA to discuss the update of the NYS Hazard Mitigation Plan, which must be ratified by the DPC.

The Section also completed review of mitigation projects tied to Hurricane Irene and Tropical Storm Lee and forwarded the materials to FEMA.

The strategy for Hazardous Mitigation Grant Program (HMGP)-4020 and HMGP-4031, coordinated with FEMA Region II, was to focus on acquisition (both substantial-damage and non-substantial damage) and elevation of floodplain properties while also funding mitigation planning efforts necessary under the FEMA programs. Numbers to date: 19 planning grants (18 counties, one multi-jurisdiction plan) totaling \$3.55 million and covering 13.4 million New Yorkers, and 706 acquisition and buyout projects totaling \$91.5 million. These numbers should rise to more than 820 properties bought or elevated (with a total project cost of about \$107 million) by the final application deadline.



By comparison, the largest number of buyouts previously processed in a single grant was 220 properties (\$19.45 million) for HMGP-1650 in 2006-2007, accomplished with the same staffing levels.

While several viable projects remain, many of the communities submitting Letters of Intent (LOIs) were declared in DR-4085 and unable to focus on Irene and Lee applications while coordinating their Sandy response. State OEM has requested an extension to process these grants from among the \$248,846,286 requested in 194 Letters of Intent (LOIs).

Training & Exercises

State Office of Emergency Management

NYSOEM Training and Exercise (T&E) Section coordinated and managed emergency management and counter terrorism training programs and exercises. Staff delivered, participated in and/or coordinated the delivery of 79 training courses for 1,502 students.

Numerous training sessions were postponed or cancelled during this reporting period, as staff attention and effort was focused on the response and recovery from Superstorm Sandy.



76 applications for training courses at FEMA's Emergency Management Institute in Emmitsburg, MD were processed through the Training and Exercise Section during the reporting period.

313 applications for residential training courses at National Domestic Preparedness Consortium member training centers were processed through Training and Exercise Section during the reporting period.

DPC Agency Executive Training Sessions

In 2012, from January to August, five (5) training sessions were conducted by DHSES, NYSOEM and the National Center for Security and Preparedness (NCSP) specifically for DPC members, including Commissioners, Deputy Commissioners, and/or agency liaisons/representatives.

These training sessions were conducted in lieu of DPC semiannual meetings for 2012.

The training sessions were conducted as either (a) training focused on emergency management concepts and operations, or (b) as tabletop and/or functional exercises designed to simulate an actual event (e.g., winter storm, earthquake) in which participants were prompted to make decisions and participate in discussions as the event progressed.

- On January 5, 2012, an Agency Executive Training Session provided detailed training on emergency management concepts, New York State emergency management laws, function of the DPC, emergency operations center activities, and principle group meetings. This training session was presented to DPC agency Commissioners – another, similar training session was held for Deputy Commissioners and agency liaisons/representative (see below – May 7, 2012).
- On February 29, 2012, an Executive Leadership Tabletop Exercise trained participants in executive decision-making tactics during a simulated stressful environment in a no-fault, no-loss setting. Exercise “injects” were used to guide participants through the cascading impacts of a severe winter storm, which allowed for executive decision-making and discussions. Exercise participants were DPC agency Commissioners.

- On May 7, 2012, an Executive Training Session provided detailed training on emergency management concepts, New York State emergency management laws, function of the DPC, emergency operations center activities, and principle group meetings. This training session, similar to the one held on January 5, 2012 (see above), was presented to Deputy Commissioners and liaisons/representatives from DPC agencies.
- On June 29, 2012 an Executive Leadership Tabletop Exercise trained participants in executive decision-making tactics during a simulated stressful environment in a no-fault, no-loss setting. Also exercised were agency liaison/representative emergency operations center activities related to decision-making. Exercise “injects” were used to guide participants through the cascading impacts of a severe coastal storm impacting New York State, which allowed for executive decision-making and discussions. Exercise participants included Commissioners, Deputy Commissioners, and liaisons/representatives from DPC agencies, as well as key NYSOEM staff.
- On August 9, 2012, a Functional Exercise, presented by NCSP, involved a full activation of the State EOC. Executive decision making was exercised during a simulated stressful environment, as were agency liaison/representative and EOC staff actions. Exercise injects from a Master Scenario Events List were used to guide participants through the cascading impacts of an earthquake impacting northern New York State. Participants included Commissioners, Deputy Commissioners, and liaisons/representatives from DPC agencies, as well as NYSOEM staff.

State OEM Training Program

Courses included:

- Incident Command System (ICS) Intermediate (I-300) and ICS Advanced (I-400)
- Homeland Security Exercise and Evaluation Program (HSEEP)
- Local emergency operations center training
- State EOC Course
- Organizing and Managing the Local Hospital Command Center in New York State (Pilot)
- Disaster LAN
- Weapons of Mass Destruction training programs
- Counter Terrorism training programs,
- Medical Management of CBRNE courses
- Weapons of Mass Destruction (WMD) Tactical Operations courses
- Several of FEMA’s Professional Development Series including Leadership and Influence, Effective Communications, and Decision Making and Problem Solving

Training staff developed and facilitated the Employee Orientation Workshop for new employees at NYSOEM. The workshop included presentations from Planning, Mitigation, REP, Training and Exercise, Recovery, Logistics and Finance. Each section presented a 15-minute segment on their program.

Training staff assisted NYSOEM Region V staff with the curriculum development of the Organizing and Managing the Local Hospital Command Center in New York State; thus far, there have been eight offerings for 240 students.

Since the implementation of the Statewide Learning Management System (SLMS), administrative staff spent much of their time assisting students in a “help desk” function, including analyzing whether an account already exists within the SLMS and NYS Directory Services. If an account cannot be located in SLMS or NYS Directory Services, staff assists students with creating an account. Staff also assists students in course enrollment and resetting passwords.

All T&E staff was active in Superstorm Sandy response and recovery efforts at the State EOC; some NYSOEM Training and Exercise staff was reassigned to field operations.

NYSOEM Exercise Program

NYSOEM Exercise staff directly or indirectly supported the following exercises and events:

- September 12, 2012: Indian Point radiological exercise (rehearsal for Oct. 2 federally evaluated exercise).
- September 19-20, 2012: Westchester County Communications Unit Leader functional exercise - in conjunction with OIEC.
- October 2, 2012: Indian Point radiological exercise (federally evaluated).
- October 18, 2012: Rockland County Rescue Entry and Counter Terrorism Team (REACT) full-scale exercise.
- October 23, 2012: Office of Cyber Security (OCS) monthly tabletop exercise.
- October 25, 2012: Monroe County Active Shooter seminar.
- October 27, 2012: Albany International Airport / FAA-mandated full-scale exercise.

Exercise staff members were also deployed to field assignments and State EOC assignments in support of Superstorm Sandy.

New York State Preparedness Training Center

The New York State Preparedness Training Center (SPTC), located in Oriskany, NY, is managed and operated by DHSES and is supported by NCSP. The SPTC serves as a centralized training facility for New York State and as well as local and federal first responders from all disciplines. The SPTC provides first responders and officials with the knowledge, skills and abilities necessary to safely and effectively prevent, prepare for, respond to and recover from terrorist acts and other major/catastrophic incidents, such as natural disasters.



In addition to the courses that the SPTC sponsors for statewide and national audiences, many agencies and organizations use the SPTC facilities to train their personnel, including Oneida County Sheriff's Office, City of Utica Police Department, New York State Police, Mohawk Valley Police Academy, and other organizations.

The following table provides information on courses taught at the SPTC from January 2012 through February 2013.

Course Name	Date	No. of Participants
ORI-NYSP-SORT Training	1/3/2012	7
ORI-NYSP-Mobile Field Unit Training	1/4/2012	36
ORI-DCJS-Technical Accident Investigation	1/9/2012	22
ORI-OMH-Peace Officer Training	1/9/2012	30
ORI-GIS-Planning	1/10/2012	10
ORI-OCLEC-2012	1/10/2012	32
PER-275	1/10/2012	29
ORI-NG-Meeting	1/11/2012	6
ORI-Rome-ERT Training	1/11/2012	12
ORI-Oswego CSO-ERT Training	1/12/2012	15
AWR-130-C	1/17/2012	26
ORI-OFPC-Oneida Co. Assessment	1/18/2012	8
ORI-NG-Security Force Site Survey	1/20/2012	16
ORI-Herkimer PD-ERT	1/23/2012	20
ORI-Oneida CSO ERT	1/24/2012	13
PER-275	1/24/2012	25
ORI-OC-OEM	1/27/2012	10
ORI-SUNY ESF	1/31/2012	12
VBIED/SC	1/31/2012	15

Course Name	Date	No. of Participants
ORI-Oneida Co. 911 Training	2/6/2012	29
ORI-Utica Police Dept.-In Service Training	2/6/2012	14
ORI-DHSES-EVOC Meeting	2/7/2012	7
ORI-Oneida Co. 911 Training	2/7/2012	9
PER-275 Law Enforcement Active Shooter	2/7/2012	26
ORI-Oneida Co. 911 Training	2/8/2012	10
ORI-Utica Police Dept.-K9 Training	2/8/2012	14
AWR-147 Rail Car Incident Response	2/9/2012	37
AWR-147 Rail Car Incident Response	2/10/2012	35
ORI-Utica Police Dept.-K9 Training	2/10/2012	17
Indicators of the Terrorist Attack Cycle-BASIC	2/14/2012	24
ORI-Oneida County Law Enforcement Coalition-2012	2/14/2012	18
ORI-Utica Police Dept.-K9 Training	2/14/2012	16
ORI-NY State Police-SORT Training	2/15/2012	8
ORI-Oswego CSO-ERT Training	2/15/2012	8
Indicators of the Terrorist Attack CycleTtT	2/16/2012	19
ORI-Utica Police Dept.-K9 Training	2/16/2012	8
ORI-HFM BOCES Active Shooter Education	2/17/2012	4
AWR-140-2 Radiological/Nuclear Awareness Part 1	2/21/2012	7
ORI-FBI-Tactical Training	2/21/2012	11
MGT-315 Enhanced Threat and Risk Assessment	2/22/2012	19
ORI-Oneida County Sheriff Dept-In Service	2/23/2012	16
ORI-Utica Police Dept-K9 Training	2/24/2012	14
ORI-OFPC-Oneida Co. Assessment	2/28/2012	11
PER-275 Law Enforcement Active Shooter	2/28/2012	26
MGT-335 Event Security Planning for Public Safety Officials	3/6/2012	33
AWR-136 Essentials of Community Cyber Security	3/7/2012	19
MGT-385 Community Cyber Security Exercise Planning	3/8/2012	14
PER-275 Law Enforcement Active Shooter	3/13/2012	32
MGT-387 Advanced Crisis Communications for Public Safety Communications Supervision	3/14/2012	35
AWR-130 Incident Response to Terrorist Bombings	3/15/2012	13
AWR-219 Screening of Persons by Observational Techniques	3/21/2012	35
AWR-219-1 Screening of Persons by Observational Techniques TTT	3/21/2012	32

Course Name	Date	No. of Participants
Triacetone Triperoxide Workshop	3/29/2012	43
EVOC Meeting	3/5/2012	7
NYSEMA Executive Board	3/6/2012	6
OFPC SLMS Regional Training	3/6/2012	29
OEM IMT Incident Training	3/6/12-3/8	37
OIEC COML-EX Exercise	3/6-3/9	26
Oneida Co. CERT Training	3/7/2012	21
Division of Miliatry and Naval Affairs Meeting	3/7/2012	10
NYS Sort Training	3/12/2012	7
Oneida Co. Law Enforcement Coalition	3/13/2012	30
City Scape Focus Group	3/15/2012	48
EMS Meeting	3/15/2012	8
NYS Juvenile Officer's Training	3/26-3/30	19
Mohawk Valley Police Academy EVOC	3/26-3/30	20
OGS Regional Meeting	3/28/2012	32
Fulton, Montgomery, Hamilton	3/30/2012	13
BOCES School Safety Meeting	3/30/2012	13
	3/30/2012	3
Schenectady PD Meeting and Tour	3/30/2012	13
Clandestine Lab Awareness AM	3/30/2012	3
	4/3/2012	5
Clandestine Lab Awareness PM	4/4/2012	8
WMD Awareness	4/4/2012	10
Critical Decision Making	4/5-4/6-12	24
Law Enforcement Active Shooter Emergency Response	4/10-4/11/12	23
M4/M16/AR-15 Operators Course	4/13/2012	14
Medical Management Of CBRNE Events	4/14-4/15/12	20
State and Local Anti-Terrorism Training	4/17/2012	58
Vehicle Borne Improvised Explosive Device- Checkpoint	4/18-4/20/12	18
Law Enforcement Active Shooter Emergency Response TTT	4/23/-4/25/12	28
Law Enforcement Active Shooter Emergency Response	4/26-4/27/12	25
Secure Techniques for Onsite Preview	4/30/2012	28
Basic Data Recover and Acquisition	5/1-5/4/12	24
Use of Force Training	4/2-4/6/12	25
Clandestine Lab Training	4/3/2012	13
SORT Training	4/5/2012	5
Civil Disorder Training	4/9/2012	19
SORT Training	4/17/2012	6

Course Name	Date	No. of Participants
National Guard Meeting	4/10/2012	9
MVPA Academy Training	4/16/2012	21
Operation Impact Meeting	4/17/2012	16
EOC Meeting	4/17/2012	31
MVPA Academy Training	4/12-4/13-12	20
Emergency Svcs. Meeting	4/12/2012	2
HERF Meeting	4/19/2012	16
Information Meeting Sharing	4/20/2012	15
NYS Federation of Search and Rescue Board Meeting	4/21/2012	40
Herkimer Police Dept ERT Training	4/24/2012	14
School Violence Workshop	4/24/2012	9
Skwarn Training	4/26/2012	44
NYSP SORT	4/30/2012	6
SUNY Firearms Meeting	5/1/2012	10
PRD/RIID Inservice	5/2/2012	7
Specialty Impact Munitions	5/1/2012	9
Distraction Device	5/2/2012	14
Chemical Munitions Instructor Certification	5/2/2012	29
Structure Clearing Strategies	5/2/2012	14
Tubular Assaults	5/2/2012	12
Distraction Device Instructor Certification	5/3/2012	21
Less Lethal Impact Munitions	5/3/2012	22
Single Officer Response to an Active Shooter	5/3/2012	12
Mechanical & Hydraulic Breaching	5/3/12	21
OFPC EVOG Meeting	5/8/12	4
Exercise Design	5/8/-5/12/12	12
Utica School District Safe Schools Initiative	5/7/12	1
HRF Exercise	5/10/ -5/20/12	1086
Law Enforcement Safety and Survival Training	5/21-5/24/12	35
Incident Safety Officer Training	5/23/12	20
SLMS Demonstration	5/24/12	12
School Resource Coalition	5/24/12	25
Onedia Co. Sheriff's Award Ceremony	5/25/12	140
Oneida Co. EOC Training	5/30-5/31/12	44
Incident Safety Officer Training	5/30/12	14
Advanced Weather Spotter Training	5/31/12	29
Genesis Group	5/31/12	14
CC-101 Basic Data Recovery and Acquisition	5/1/12	24

Course Name	Date	No. of Participants
PER-275	5/8/2012	29
PER-275	5/30/2012	25
Intermediate Data Recovery and Analysis	6/4-6/8	23
New York State Police EVOC- Instructors	6/4-6/8	12
New York State Police Basic EVOC- E-Session	6/-6/15	28
JELL Jail Evacuation II	6/5/12	24
OFPC Instructor Assessment	6/5/12	6
NYSEMA Exec. Board Meeting	6/5/12	5
EMS Operations Course	6/6/12	22
OFPC Incident Safety Officer	6/6/12	19
EVOC Meeting	6/6/12	6
Utica PD K-9 Unit	6/6/12	6
Dismounted Patrol Tactics/C Co-108 Infantry NY National Guard	6/8/12	51
New State Police EVOC- Recruits	6/11-6/15	12
Incident Safety Officer	6/11/12	17
Oneida County LE Coalition Meeting	6/12/12	33
Law Enforcement Active Shooter	6/12/12	28
How to Hunt Criminals and Terrorist Workshop	6/12/12	41
Surveillance and Intelligence Workshop	6/13/12	40
Illion Police ERT Training	6/14/12	8
Military Ordinance Recognition Training	6/14/12	15
New State Police EVOC- Recruits	6/18/12	28
New York State Police EVOC- Instructors	6/19/12	13
Incident Safety Officer	6/18/12	18
Madison Co. So EVOC	6/18/12	4
Incident Response to Terrorist Bombing	6/18/12	7
Tactical Emergency Casualty Care	6/19/12	63
Utica PD ERT In Service	6/20/12	9
School Resource Officer Coalition Meeting	6/21/12	18
Oneida County Sheriff's Office	6/21/12	4
Madison Co. So EVOC	6/21/12	4
Law Enforcement Active Shooter	6/25/12	25
NYSP Capital SORT In-Service	6/27/12	7
Onondaga Co. ERT In-Service Trainng	6/28/12	13
New York State Police EVOC	6/25-6/29	12
Illion Police CQB Training	6/29/12	6
June Mobil		81
	OEM	37

Course Name	Date	No. of Participants
	Mobile- 1st qtr	99
Canastota PD EVOG	7/9/2012	13
Oneida County Sheriff's Office	7/9/2012	5
NYSP EVOG-Instructors	7/9-7/13	12
NYSP EVOG	7/9-7/20	28
Oneida County LE Coalition Meeting	7/10/2012	18
Bureau of EMS Meeting	7/11/2012	3
Inter Region Coordination Meeting OEM Region 4	7/12/2012	4
Hamilton College Safety EVOG	7/13/2012	5
Legal Aid Society Meeting-Tour 1 person	7/13/2012	0
DCJS Accident Investigation	7/16-7/20	21
NYSP EVOG	7/16-7/20	12
Herkimer PD Tac Training Open Space Training	7/16/2012	8
COMLEX Meeting	7/17/2012	9
Inmate Classification Curriculum Panel Meeting	7/17/2012	12
Special Olympics Law Enforcement Conference	7/18/2012	27
NYSP SORT Team	7/18/2012	8
Oneida County Sheriff/Case Review	7/23/2012	10
School Violence Meeting	7/23/2012	6
NYS Police Oneida Barracks	7/31/2012	4
Law Enforcement Active Shooter Emergency Response	7/10-7/11	32
AWR-147 Rail Car Incident Response	7/18/2012	35
Wide Area Search and Rescue	7/24-7/26	40
Law Enforcement Active Shooter Emergency Response	7/24-7/26	19
AWR-160 WMD Awareness	7/25/2012	10
Surveillance Detection for Law Enforcement	7/31/2012	18
and Security Professionals	7/31/2012	18
	7/12/12	15
Mobile- Indicators of the Terrorist Attack Cycle- Basic	7/31/2012	18
Indicators of the Terrorist Attack Cycle- Basic	7/12/12	15
	8/1-8/2	11
New State Police EVOG- Recruits	8/6-8/17	27
New York State Police EVOG- Instructors	8/6-8/10	13
Law Enforcement Active Shooter Emergency Response	8/7-8/8	31
New York State Police- Vehicle Take Downs	8/9/12	14
Regional Planning Committee	8/9/12	1
Mike Hauck meeting with 3/309th Army reserve unit	8/12/12	12
New York State Police EVOG- Instructors	8/13-8/17	12
Oneida County Board of Legislators Public Safety Committee	8/13/12	13
Oneida County LE Coalition Meeting	8/14/12	27

Course Name	Date	No. of Participants
Disaster Preparedness for Hospitals & Healthcare Org's	8/14-8/15	36
Pipeline Security Class	8/15/12	26
Law Enforcement Active Shooter Refresher	8/16/12	12
School Violence Training - Utica School District	8/21/2012	40
Vehicle Borne Improvised Explosive Device-Checkpoint	8/21-8/23	14
Oneida County Sheriff's Office Riot Control Training	8/22/12	20
Role Player Training	8/22/12	14
School Resource Officer Coalition Meeting/cancelled	8/22/12	0
EMS Special Situation Pilot Course- Set up	8/24/12	17
EMS Special Situation Pilot Course- Set up	8/24/12	17
EMS Special Situation Pilot Course	8-25-8-26	20
EMS Special Situation Pilot Course- Set up	8/24/12	17
EMS Special Situation Pilot Course	8-25-8-26	20
EMS Special Situation Pilot Course- Hot Wash	8/27/12	8
EMS Special Situation Pilot Course- Hot Wash	8/27/12	8
NCSP/SPTC Division Focus Group	8/27/12	14
EMS Special Situation Pilot Course- Hot Wash	8/27/12	8
NCSP/SPTC Division Focus Group	8/27/12	14
A2S2	8/28/12	26
Review of State Watch Center Protocols	8/80/12	6
Legal Aid Society Meeting	9/6/2012	16
IRS Criminal Division In Service Training	9/7/2012	21
Dept. Of Health EMS Meeting	9/7/2012	5
HazMat Conference	9/7/-9/8/12	72
Office of Mental Health Peace Officer Training TIMES 6 WEEKS	9/10/2012	28
New York State Police EVOG - Instructors	9/10-9/14/12	11
New York State Police EVOG	9/10-9/21/12	25
FBI Buffalo HRT Training	9/10-9/11/2012	15
Law Enforcement Active Shooter Emergency Response	9/11-9/12/12	27
Oneida County LE Coalition Meeting	9/12/2012	32
DHSES Office of Cyber Security Meeting	9/13/2012	12
NYSEMA Exec. Board Meeting	9/14/2012	5
Little Falls Police Department	9/17/2012	4
Inspection & Investigation of Commercial Vehicle Crashes	9/17/2012	31
New York State Police EVOG - Instructors	9/17/2012	11
School Resource Officer Coalition	9/20/2012	18
Oneida County Sherriff's Office / Meeting	9/20/2012	4
MGT-315 Enhanced Threat and Risk Assessment	9/19-9/20	34
Canandaigua LASER	9/24-9/25/12	19
Canandaigua LASER	9/27-9/28/12	27
Dewitt PD EVOG	9/24/2012	11

Course Name	Date	No. of Participants
Dewitt PD EVOC	9/25/2012	10
Dewitt PD EVOC	9/26/2012	8
Dewitt PD EVOC	9/27/2012	13
Onondaga Co. SWAT Basic School	9/27/2012	21
DCJS Inmate C & C Panel Meeting	10/2/2012	11
Office of Bombing Prevention	10/2-10/4/2012	85
PER-213 Wide Area Search and Rescue	10/2-10/4/2012	34
A2S2	10/4-10/5/2012	29
Lost Person Behavior - SAR	10/5/2012	21
Crime Scene Protection -SAR	10/6/2012	11
Lost Person Behavior - SAR	10/6/2012	9
DEC Searcher 1 SAR	10/6/2012	11
Basic Wildland Skills SAR	10/6/2012	15
K-9 Disaster Response	10/6/2012	8
GPS Coordinates	10/6/2012	12
DEC Searcher 1 SAR	10/7/2012	10
MTA OnlyLaw Enforcement Active Shooter Emergency Response	10/9-10/10	31
Oneida County LE Coalition Meeting	10/9/2012	30
New York State Police and DMNA EVOC Training	10/10/2012	21
Civil Support	10/11/2012	30
EADS US Air Force	10/15/2012	25
Incident Management Team Meeting	10/16/2012	4
Law Enforcement Active Shooter Emergency Response TTT	10/16-10/18	30
Instructor Development Workshop	10/16-10/19	36
School Resource Officer Coalition	10/18/2012	18
Oneida County Pre-Construction Meeting	10/18/2012	5
Suffolk County Vehicle Borne Improvised Explosive Device-Checkpoint	10/23-10/25	23
Emergency Vehicle Defensive Driving	10/23-10/25	19
DCJS Meeting Bath Salts Task Force	10/25/2012	21
SKY WARN Meeting	10/25/2012	53
Homeland Security: Academia Meets Practice	10/27/2012	39
EVOC Instructor Course	10/29-11/2/2012	28
Office of Mental Health Training	10/29-10/31/12	8
ITAC - Taught by Syracuse PD at their location	10/23/2012	16
Oneida County Sheriff's Office	11/1/2012	12
US Army Reserve Training 3-309th	11/3-11/4/12	70
US Probation In-Service Training	11/5-11/6/12	21
EVOC Instructor Course	11/5-11/9/12	27

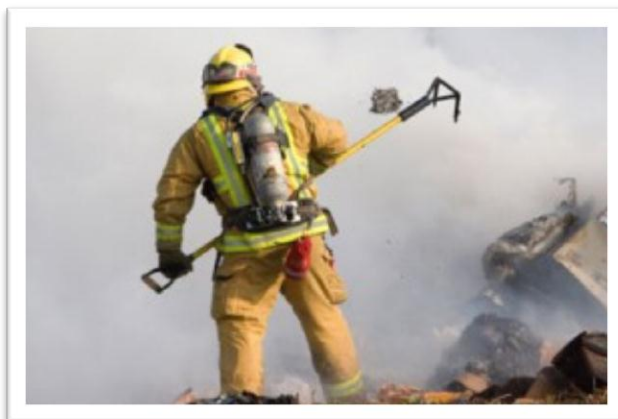
Course Name	Date	No. of Participants
PER 275 Law Enforcement Active Shooter Emergency Response	11/7-11/8	24
AWR 213 Critical Infrastructure/Key Resource Awareness	11/13/2012	12
Oneida County LE Coalition Meeting	11/13/2012	34
PER 275 Law Enforcement Active Shooter Emergency Response	11/13-11-15/12	24
AWR 213 Critical Infrastructure/Key Resource Awareness	11/14/2012	12
School Resource Officer Coalition Meeting	11/15/2012	23
M4 Familiarization	11/16/2012	20
M4 Familiarization	11/16/2012	20
US Probation In-Service Training	11/19/2012	6
M4 Familiarization	11/16/2012	20
US Probation In-Service Training	11/19/2012	6
US Probation In-Service Training	11/20/2012	8
Utica Police ERT Training Building #3 Shoot house	11/21/2012	12
Suffolk County VBIED	11/27-11/29/12	26
EMS Triage And MCI Management	11/28-11/9/12	13
NYS Police Crowd Control	11/28/2012	39
ITAC - Colonie PD Mobile Delivery	11/5-11/19/12	87
PER 275 LASER Mobile Delivery Buffalo	12/3/12-12/4/12	29
PER 275 LASER Mobile Delivery Buffalo	12/5/12-12/6/12	32
All Hazards PIO Class	12/3-12/4/12	15
Law Enforcement Coalition Meeting	12/4/2012	38
Dewitt Police EVOC Training	12/5/2012	2
Social Media for Disaster Response and Recovery	12/6/2012	23
Utica Police In-Service Training	12/6/2012	24
NYSEMA Executive Board Meeting	12/6/2012	5
Utica Police In-Service Training	12/10/2012	11
PER-275Law Enforcement Active Shooter Emergency Response	12/11-12/12	27
Utica Police In-Service Training	12/12/2012	22
Oneida County Sheriff's Office/ERT	12/13/2012	16
School Violence Prevention - Union College	12/12/2012	42
Utica Police In-Service Training	12/14/2012	22
FBI Homeland Response Team Training	12/17/2012	11
EAB County Construction Meeting	12/19/2012	5
Cityscape Meeting	12/20/2012	10
Utica Police In-Service Training	12/20/2012	22
	Total	7,235

New York State Office of Fire Prevention and Control

This report of firefighter training and education activities conducted by the NYS Office of Fire Prevention and Control (OFPC) in 2012 is presented to the Governor and Legislature pursuant to section 156 of the Executive Law. Included in this report is the report of hazardous materials emergency response training presented pursuant to section 156-a of the Executive Law and a summary of out-of-state training attended by firefighters and reported to the Office of Fire Prevention and Control, pursuant to section 72-g of the General Municipal Law.

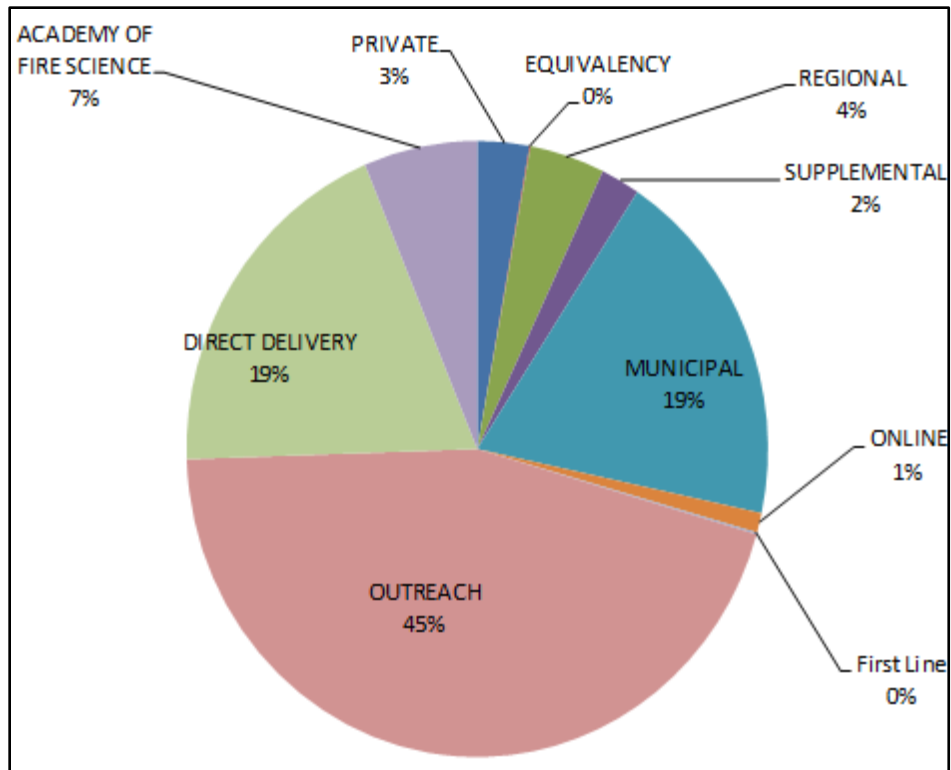
Annually, OFPC provides training to approximately 50,000 firefighters and other emergency responders, pursuant to section 156 of the Executive Law. OFPC has been conducting firefighter training for approximately 60 years. The scope and complexity of firefighter training has grown in conjunction with the increased responsibilities of New York State's fire service. Today, OFPC's fire training program consists of 200 different course titles with over 3200 course deliveries. Firefighter training and education is conducted for both career and volunteer fire departments throughout the State, serving approximately 100,000 firefighters in 1830 fire departments. This training is essential for safe and effective emergency response aimed at protecting the people, property and environment in the State of New York. For many fire departments, particularly volunteer fire departments, OFPC's firefighter training courses are the only formal training available.

The demand for firefighter training continues to increase annually, with local fire officials requesting a 57% increase for 2013 from 2012 allocations. This increase reflects the efforts of fire departments to be prepared to respond to natural and man-made disasters and incidents of terrorism, the commitment to reduce the number of firefighter injuries and deaths, and recruiting efforts by volunteer fire departments. It is essential that OFPC firefighter training programs remain current, relevant, reliable and available for new firefighters, experienced firefighters and fire officers. OFPC has active membership or leadership roles in following national organizations related to fire service training: the Fire and Emergency Service Higher Education Consortium (FESHE), the Training Resources and Data Exchange Organization (TRADE), and the North American Fire Training Directors Association (NAFTD).



OFPC uses a variety of delivery mechanisms to accomplish its training mission. Each of these mechanisms, outlined in this report, is designed to best serve the needs of career and volunteer fire departments, large and small, and represent a partnership of State, county and local government.

On the following page is an illustration of fire training courses by delivery method.



Above: Fire training courses by delivery method

Pursuant to Chapter 580 of the Laws of 2007, OFPC conducted web-based Firefighter I training courses into 2010 as part of a contract. This web-based format provided students the ability to complete course materials online, at their convenience, which would have otherwise taken 30 hours to complete in a classroom setting. Approximately 60 hours of hands-on skills instruction is then delivered by State fire instructors. Funding for a blended learning program was not available for 2012. OFPC is exploring a partnership with SUNY's Mohawk Valley Community College in piloting an Academy based program in on-line learning.

OFPC is increasing the use of the BOCES distance learning video broadcasting system as a firefighter course delivery method. Video broadcasting provides for course delivery over a wide geographic area to minimize student travel cost and time. This past year, eight firefighter training courses were conducted in St. Lawrence County and Steuben County through a partnership with the St. Lawrence County Fire Coordinators office and the St. Lawrence-Lewis BOCES. Efforts are ongoing to expand the number of video broadcast sites statewide.

The title of each training course conducted in 2012, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses is listed in the table below.

Course Title	Courses Conducted	Student Completions
Recruit Firefighter Training (RFFT) Fire Prevention Training	3	64
Accelerant Detection Canine Team Annual In-Service Training Workshop	1	13
Accident Victim Extrication Training	85	1,032
Advanced Hazardous Materials Technician	3	49
Advanced ICS for Command and General Staff Complex Incidents (I-400)	6	38
Aircraft Rescue And Firefighting	16	176
Alternative Fueled Vehicles And New Vehicle Technology	10	166
Apparatus Operator – Aerial Device	45	363
Apparatus Operator – Emergency Vehicle Operations	115	1,212
Apparatus Operator – Pump	112	855
Basic Structural Collapse Operations	29	296
Basic Structural Collapse Operations	3	97
Basic Wildland Fire Suppression	27	230
Basic Wildland Search Skills (DEC)	12	193
Bridge to Firefighter I	2	8
Campus Safety and Awareness for Chemical Suicide Incidents	4	64
Cargo Truck – Hazardous Materials Specialist	2	23
Chautauqua County Weekend	1	105
Chemical Suicides: Information for the Responder	35	642
Command and Control of Incident Operations (NFA) (WAS FCO)	1	29
Company Officer Training Workshop	3	206
Concrete Breaching and Breaking	1	71
Conducting Live Fire Training Evolutions	41	382
Confined Space Rescue – Technician Level	14	61
Confined Space: Awareness and Safety	52	544
County Fire Coordinator Conference	1	64
Courage to be Safe; Firefighter Life Safety Initiatives	25	376
Decontamination Trailer Equipment Training	4	39
Decontamination	15	313
Defense Against Weapons Of Mass Destruction Awareness	20	167
DHSES, OFPC and OEM Field Integration Training	1	90
Electric Vehicle Safety for Emergency Responders	66	1,329
Electrical Fire Cause Determination I	3	46
Electrical Fire Cause Determination II	3	42
Emergency Escape System Train-the-Trainer	11	77
Emergency Medical Technician Refresher	3	37
Emergency Medical Technician – Basic	2	9
Emergency Response to Ethanol Incidents	11	182
Emergency Response to Terrorism: Basic Concepts	2	6
Emergency Service Dispatcher – Basic	2	18

Course Title	Courses Conducted	Student Completions
Engine Company Operations	1	20
Enrollment to Basic Fire Fighter Training	1	16
Evaluator Training	7	95
Everything a Firefighter Wants to Tell a Code Official	2	51
Executive Skills Series (MLC/I) (NFA)	1	29
FASNY EMS Conference	1	265
Fire Alarm Basics	3	56
Fire Alarm Systems Workshop	5	59
Fire and Life Safety Educator I	1	11
Fire Behavior and Arson Awareness	61	781
Fire Behavior and Arson Awareness / Principles Of Fire Investigation	5	82
Fire Extinguisher Maintenance	2	13
Fire Marshals and Inspectors Program	1	100
Fire Officer I	40	439
Fire Officer I (NFPA 1021-2009 Ed.)	16	225
Fire Officer II	6	19
Fire Police	55	630
Fire Reporting Workshop – Version 5.0	8	101
Fire Safety and Response for Law Enforcement	2	6
Fire Safety During Construction and Demolition	1	53
Fire Safety For Direct Support Professionals (OPWDD)	236	3,720
Fire Safety Inspections at Correctional Facilities	2	10
Fire Scene Evidence Collection	2	22
Fire Service Instructor I	15	241
Fire Service Instructor II	4	43
Fire Service Women of New York State Training	1	70
Fire Sprinkler Plans Review	1	6
Fire Sprinkler Systems Workshop	3	58
Fire/Arson Investigation	3	48
Fire/Arson Investigation Seminar	2	367
Fire/Arson Investigation Specialty – Interviewing Techniques for the Fire Investigator	2	22
Firefighter Assist and Search Team (FAST)	96	929
Firefighter I (w/HMFRO)	196	1,994
Firefighter II	74	760
Firefighter Survival	185	1,429
First Line Supervisors Training Programs	8	147
First Receiver Decontamination	7	50
Flammable and Combustible Liquid Emergencies	4	55
Flammable Gas Emergency Response Workshop	5	31
Handling Elevator Emergencies	6	27

Course Title	Courses Conducted	Student Completions
Hazardous Materials First Responder Awareness	19	5
Hazardous Materials First Responder Operations	87	1,174
Hazardous Materials Incident Command	13	128
Hazardous Materials Incident Safety Officer	4	51
Hazardous Materials Staff Refresher Training	1	18
Hazardous Materials Technician – Basic	19	224
Hazardous Materials Technician Basic Refresher	30	323
Hazardous Materials Training Program	1	195
Health And Safety Officer (NFA)	3	44
Highway Safety for Emergency Responders	5	60
Hazardous Materials First Responder Operations – Annual Refresher	94	1,644
Ice/Cold Water Rescue – Technician Level	12	112
Introduction To ICS (ICS-100.B)	36	258
ICS for Single Resources and Initial Action Incidents (ICS-200.B)	24	80
Incident Command for Structural Collapse (NFA)	1	30
Incident Safety Officer (NFA)	54	519
In-Service Safety Training (OSHA Refresher)	3	146
Intermediate ICS for Expanding Incidents (I-300)	29	266
Intro to Unified Command for Multiagency and Catastrophic Incidents (IUCMCI)	1	27
Introduction to Fire Officer	41	634
Introduction to Statewide Learning Management System (SLMS)	24	260
Introduction to Statewide Learning Management System (SLMS)	5	32
National Incident Management System – Introduction (IS-700.A)	30	128
NIMS Multiagency Coordination Systems (MACS) (IS-701)	1	1
NIMS Public Information (IS-702)	1	1
NIMS Resource Management (IS-703)	2	2
NIMS Communication and Information Management (IS-704)	1	1
Juvenile Firesetter Intervention Specialist I	2	28
Leadership III – Strategies For Supervisory Success (NFA)	1	28
Leadership Accountability, Culture and Knowledge	1	47
Legal Issues for the Fire Service Instructor	4	44
Legal Issues for the Volunteer Fire Service	1	19
Live Fire Policy Training	1	16
Live Fire Training Safety	44	434
Med Structural Collapse Operations: Void Search and Rescue	6	89
Medium Structural Collapse Operations: Ext Shoring	5	46
Medium Structural Collapse Operations: Int Shoring	7	96
Medium Structural Collapse Concepts	7	75
Medium Structural Collapse Operations: Tools	8	59
Methamphetamine Labs and the Fire Marshal – What You Need to Know	3	714

Course Title	Courses Conducted	Student Completions
NYS OFPC Peace Officer – Weapons/Officer Protection Training	1	12
NYS CME Based Recertification Program – EMT B Core Content	1	77
NYS Instructor's Authorization Training Program	2	130
On-Line Fire Reporting System Training	1	47
On-Scene Rehabilitation for Emergency Operations	4	52
Oswego County Weekend	1	90
Passenger Train Emergency – Awareness	3	25
Passenger Train Emergency Rescue Procedures	4	11
Personal Protective Equipment for the Hazardous Materials Ops Level Responder	3	25
Preparation for Initial Company Operations (PICO) (NFA)	1	23
Preparing for the Line of Duty Death	1	8
Principles of Building Construction: Combustible (NFA)	46	416
Principles of Building Construction: Noncombustible (NFA)	33	283
Principles of Fire Investigation	18	333
Principles of Instruction	23	140
Public Safety Critical Incident Management	2	19
Recognizing Clandestine Drug Lab Operations	36	934
Recruit Firefighter Training	4	61
Refresher Training (12 Hours)	8	88
Refresher Training (6 Hours)	31	206
Refresher Training (9 Hours)	29	358
Regional Fire Administrators Conference	2	48
Rehabilitation Practices for Fire Department Operations	1	24
Rescue Tech – Basic/Confined Space – Tech Level	1	17
Rescue Technician – Basic	63	529
Respiratory Protection Program	2	31
Rope Rescue – Operations Level	12	94
Rope Rescue – Technician Level I	7	45
Rope Rescue – Technician Level II	4	33
Sampling Techniques for the Hazardous Materials Technician	3	32
SCBA Confidence	43	268
Scene Support Operations	100	597
School Bus Rescue	10	224
School Bus Rescue Practical Skills	11	180
Selected Legal Issues for the Volunteer Fire Service – County Weekend	1	43
Strategy And Tactics For Initial Company Operations (NFA)	8	99
Swift Water Rescue – Technician Level	2	26
Swiftwater/Flood Rescue Technician	7	101
The Challenge of Pesticides and Poisons	3	10
The Rules Have Changed: Firefighters Guide to Lightweight Wood Construction	1	25

Course Title	Courses Conducted	Student Completions
Trench Rescue – Awareness Level	31	468
Trench Rescue – Operations Level	5	38
Trench Rescue – Technician Level	4	41
Truck Company Operations	60	510
Vehicle Arson Awareness Program (VAAP)	1	10
Vehicle Fire Investigation	3	39
Volunteer Fire Police Association Conference	1	170
Water Rescue – Awareness Level	49	1,050
Water Rescue – Operations Level	5	40
Water Supply Operations	23	107
What Am I Looking For? – Inspections, Testing, Maintenance of Fire Systems	1	53
Why Sprinklered Buildings Burn	2	28
WMD Detection Equipment Refresher Training	1	43
Total	3213	39,213

The number of training courses conducted in each county in 2012 and the number of firefighters and related personnel who completed the courses are listed below.

County	Courses Conducted	Student Completions
Albany	36	770
Allegany	17	245
Bronx	2	17
Broome	45	797
Cattaraugus	14	297
Cayuga	9	128
Chautauqua	14	375
Chemung	20	277
Chenango	16	315
Clinton	14	266
Columbia	24	357
Cortland	15	299
Delaware	12	217
Dutchess	67	1,168
Erie	90	1,987
Essex	14	152
Franklin	26	465
Fulton	5	52
Genesee	21	276
Greene	12	198
Hamilton	5	46

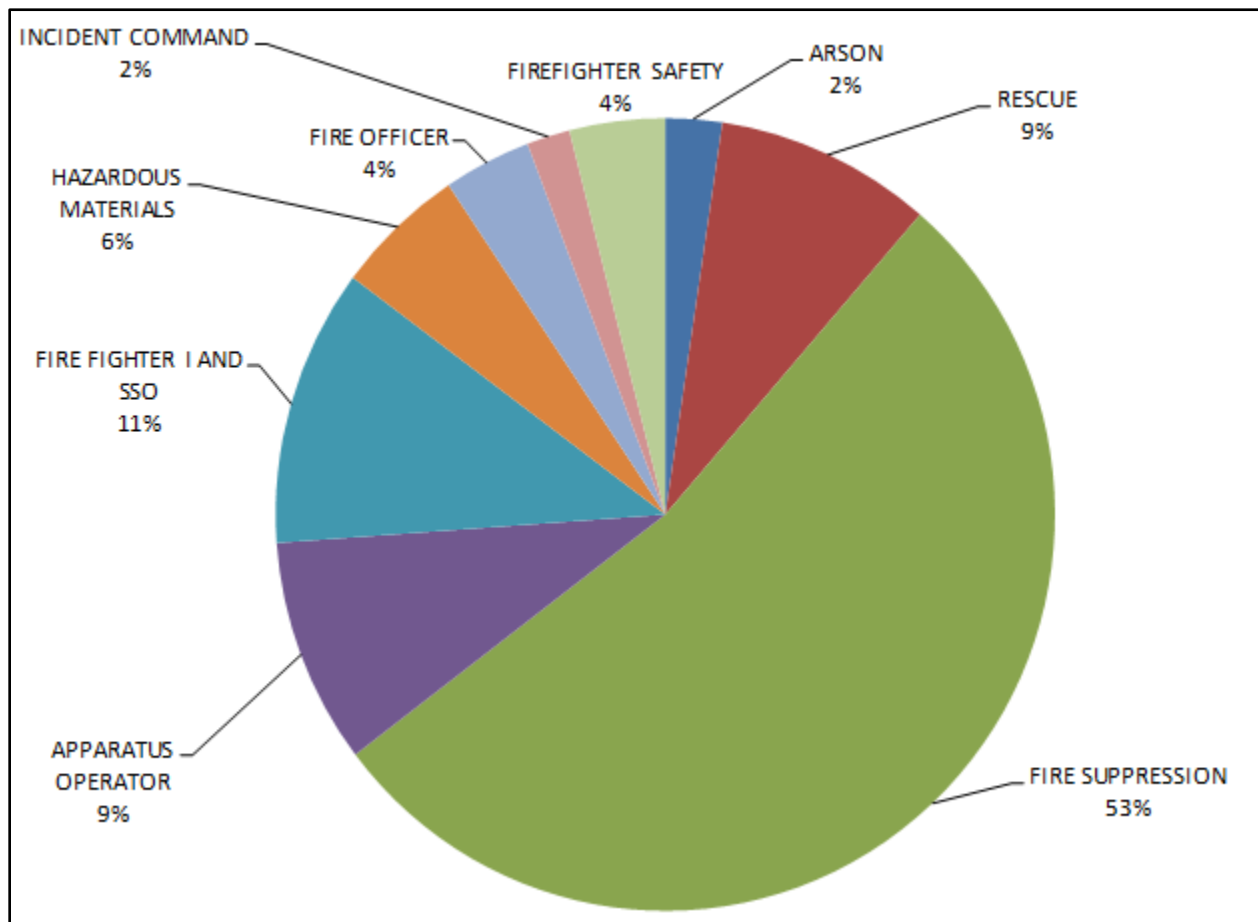
County	Courses Conducted	Student Completions
Herkimer	3	109
Jefferson	33	565
Kings	2	36
Lewis	4	43
Livingston	14	170
Madison	1	27
Monroe	49	995
Montgomery	21	273
Nassau	38	1,367
New York	17	279
Niagara	41	796
Oneida	65	1,155
Onondaga	83	1,312
Ontario	23	377
Orange	78	1,585
Orleans	11	138
Oswego	26	423
Otsego	19	367
Putnam	15	250
Queens	17	491
Rensselaer	41	722
Rockland	31	681
Saratoga	35	711
Schenectady	32	822
Schoharie	27	477
Schuyler	164	4,573
Seneca	23	382
St. Lawrence	22	320
Steuben	20	300
Suffolk	78	1,742
Sullivan	36	702
Tioga	14	184
Tompkins	14	229
Ulster	34	724
Warren	34	594
Washington	12	228
Wayne	39	895
Westchester	148	2,582
Wyoming	13	286
Yates	19	341

County	Courses Conducted	Student Completions
Out Of State	12	238
Non Chargeable	116	2,008

Outreach Training

OFPC's Outreach Training Program is the primary means of providing basic firefighting skills training for volunteer firefighters. These courses (54 course titles) are delivered at local fire training sites, at the convenience of the local fire department to permit maximum participation by volunteer firefighters. These courses are taught by OFPC's State fire instructors, who are fee-paid employees with specific educational qualifications to conduct firefighter training. OFPC employs approximately 562 State fire instructors for training throughout the State. Of these, 337 instructors are assigned to 55 counties for outreach training course delivery at local fire departments and training centers (all but Nassau County, Suffolk County and the five counties in New York City).

An illustration of the types of outreach training courses is displayed below.



Above: Outreach course delivery

The number of State fire instructors assigned to a particular county is based on the county's training needs, previous training history and available State funding, but is not less than four per county.

Instructors receive training from OFPC to enable them to teach each State fire training course they are authorized to deliver. The instructor training sessions are conducted three times annually at the Academy of Fire Science.

Outreach fire training courses are scheduled by each county fire coordinator pursuant to section 225-a of the County Law and OFPC's regulations, 19 NYCRR Part 438. At the beginning of each State fiscal year, OFPC estimates the number of fire training courses that can be conducted statewide, based on its budget appropriation and assigns an allocation to each county based on previous training history, anticipated need, and available funds. The number of instructors varies based on the course content, safety requirements and the number of skills training exercises required by the course curriculum. County fire coordinators schedule fire training courses in their counties after consultation with local fire chiefs to determine needs, suitable dates, and locations. Course requests are then submitted to OFPC.

In the current fiscal year, OFPC received course hour requests exceeding 95,147 course hours or \$3,207,405, with the actual allocation to the counties of 62,560 course hours or \$2,108,897. As of February 1, 2013, OFPC was able to schedule, deliver and complete approximately 58,252 course hours that equates to \$1,963,675 expended, which is consistence with the previous year.

For State fiscal year 2013-2014, county fire coordinators have submitted requests for 3591 courses totaling over 98,200 course hours or \$3,310,322. Counties and local fire officials continually report to OFPC a backlog and waiting list for firefighters to access training courses.

Training allocations for State fiscal year 2013-2014, training course allocations for the past four State fiscal years and training course requests for State fiscal year 2012-2013 are listed, for each county, on the following pages.

County	Instructor Assigned 2012	Actual Use 2009/2010	Actual Use 2010/2011	Allocation 2011/2012	Actual Use 2011/2012	Allocation 2012/13	Actual Use 2012/13	Outreach Course Request 13/14	Outreach Hours request 13/14	Projected Allocation 2013/14
Albany	9	912	1381	1540	1691	1600	1422	68	2037	1600
Allegany	4	651	959	950	681	950	795	66	2039	950
Broome	6	1037	1348	1400	1139	1400	1353	135	3340	1400
Cattaraugus	4	688	561	900	909	950	889	22	1045	950
Cayuga	6	861	1140	1200	819	1200	1086	104	2240	1300
Chautauqua	6	1085	1270	1200	991	1200	928	48	1477	1200
Chemung	5	761	882	970	681	970	678	30	921	970
Chenango	4	320	697	750	596	750	713	48	1007	750
Clinton	4	474	802	900	744	900	787	42	1148	1000
Columbia	5	743	924	950	881	950	1111	36	1111	1300
Cortland	4	700	564	880	756	880	747	46	1171	900
Delaware	3	408	684	750	361	750	709	35	1086	800
Dutchess	10	1203	1531	1650	1515	1650	1568	121	3436	1700
Erie	19	2538	2601	2850	2993	2900	3653	196	5386	3000
Essex	4	330	730	770	727	770	760	54	1290	800
Franklin	4	332	907	950	753	950	694	36	1062	950
Fulton	3	630	477	770	489	770	369	36	877	770
Genesee	6	556	868	900	795	900	1131	30	885	1200
Greene	4	627	762	800	801	750	924	55	1465	1100
Hamilton	2	248	261	450	117	450	301	7	275	450
Herkimer	6	981	848	880	647	880	941	29	1121	1000
Jefferson	7	800	987	1045	1002	1045	1035	85	1678	1100
Lewis	1	488	507	650	192	650	406	18	452	650
Livingston	4	589	831	880	488	880	502	31	1029	880
Madison	6	886	966	1000	760	1000	1007	42	1656	1200
Monroe	8	1447	1381	1600	1476	1600	1487	81	2846	1600
Montgomery	3	549	721	750	381	750	752	88	1408	800
Niagara	5	1390	1516	1550	1586	1600	1334	84	2051	1600
Oneida	6	1092	1151	1320	1456	1550	1863	96	2386	1900
Onondaga	7	1134	1532	1685	1491	1685	2007	105	2927	2100
Ontario	4	684	922	1100	1219	1300	755	41	1552	1300
Orange	13	1602	2126	2300	2489	2600	2647	133	4115	2700
Orleans	3	679	608	825	965	1000	551	41	1278	1000
Oswego	5	479	671	770	1037	770	1130	33	1128	1200
Otsego	4	331	298	700	481	700	633	39	996	750
Putnam	7	579	851	900	821	900	996	45	1739	1000
Rensselaer	8	1212	2091	2100	1536	2100	2117	96	2587	2200
Rockland	9	1526	1761	1450	1806	1800	1611	35	1730	1800
St. Lawrence	6	703	1236	1320	1137	1320	1136	66	1775	1350
Saratoga	6	1181	1262	1430	1540	1500	1748	78	2513	1900
Schenectady	6	870	631	1045	648	1000	902	35	1154	1000
Schoharie	4	344	331	660	380	660	699	43	829	800
Schuyler	4	355	532	664	448	660	424	24	572	660
Seneca	3	832	1002	1100	1097	1100	721	62	1527	1100
Steuben	6	531	598	800	651	800	750	39	1085	800

County	Instructor Assigned 2012	Actual Use 2009/2010	Actual Use 2010/2011	Allocation 2011/2012	Actual Use 2011/2012	Allocation 2012/13	Actual Use 2012/13	Outreach Course Request 13/14	Outreach Hours request 13/14	Projected Allocation 2013/14
Sullivan	5	1006	1341	1475	1660	1700	1123	64	1731	1700
Tioga	3	564	608	770	583	770	464	48	1155	770
Tompkins	4	510	685	770	870	770	557	22	868	770
Ulster	6	1219	1119	1350	1240	1350	1357	147	3107	1500
Warren	4	752	873	990	830	990	792	54	1107	990
Washington	4	736	808	890	517	890	498	47	1324	890
Wayne	3	516	724	800	639	800	871	79	1852	1000
Westchester	15	1751	2001	2200	1992	2200	2550	358	9596	2700
Wyoming	5	553	688	800	625	800	707	62	1341	800
Yates	4	325	708	800	648	800	561	26	687	800
Sfi Hours Total	301	44300	54264	60899	53777	62560	58252	3591	98200	67400

13/14 Req Are Based From 12/13

Student completions, by course, are listed below.

Course Title	Courses Conducted	Student Completions
Accident Victim Extrication Training	40	511
Advanced ICS for Command And General Staff Complex Incidents (I-400)	2	22
Aircraft Rescue and Firefighting	13	159
Apparatus Operator – Aerial Device	22	237
Apparatus Operator – Emergency Vehicle Operations	61	617
Apparatus Operator – Pump	82	661
Basic Structural Collapse Operations	11	179
Bridge to Firefighter I	2	8
Conducting Live Fire Training Evolutions	28	286
Confined Space: Awareness and Safety	18	207
Courage to be Safe; Firefighter Life Safety Initiatives	15	303
Defense Against Weapons Of Mass Destruction Awareness	6	86
Electric Vehicle Safety for Emergency Responders	60	1,164
Emergency Escape System T-t-T	6	33
Emergency Response to Terrorism: Basic Concepts	1	6
Fire Behavior and Arson Awareness	42	656
Fire Officer I	32	400
Fire Officer I (NFPA 1021-2009 Ed.)	11	126
Fire Police	18	249
Firefighter Assist and Search Team (FAST)	61	671
Firefighter I (W/HMFRO)	137	1,340
Firefighter II	50	595
Firefighter Survival	138	1,165
Hazardous Materials First Responder Operations (HMFRO)	23	161
HMFRO – Annual Refresher	60	1,024
Introduction To ICS (ICS-100.B)	8	111
ICS for Single Resources and Initial Action Incidents (ICS-200.B)	7	39
Incident Safety Officer (NFA)	38	426
Introduction to Fire Officer	21	331
National Incident Management System – Introduction (IS-700.A)	3	24
Live Fire Training Safety	29	337
Principles of Building Construction: Combustible (NFA)	28	344
Principles of Building Construction: Noncombustible (Nfa)	17	229
Principles of Fire Investigation	1	25
Principles of Instruction	6	36
Refresher Training (12 Hours)	6	56
Refresher Training (6 Hours)	27	160
Refresher Training (9 Hours)	26	277
Rescue Technician – Basic	38	392
SCBA Confidence	22	113
Scene Support Operations	76	521
Strategy and Tactics for Initial Company Operations (NFA)	3	15
Trench Rescue – Awareness Level	16	293
Truck Company Operations	39	399

Course Title	Courses Conducted	Student Completions
Water Rescue – Awareness Level	37	930
Water Supply Operations	17	107
TOTAL	1404	16,031

Nassau County and Suffolk County have their own fire training programs operated by vocational education and extension boards established by these counties pursuant to Article 23 of the Education Law. State fire training courses in these counties are delivered by instructors employed by the vocational education and extension boards and are conducted and scheduled in the same manner as programs conducted by career fire departments. The Fire Department of New York (FDNY) administers its own fire training programs tailored to meet the specialized needs that exist in the City of New York. OFPC communicates with FDNY on firefighter training issues and provides curriculum support and, upon request, conducts training courses for FDNY.

A minimum of four State fire instructors are assigned to each county for student/instructor safety, evaluation of trainees' skills, and to maintain the student/instructor ratio required for live fire training exercises.

Municipal Training

Municipal Firefighter Training

Career firefighters must meet minimum basic and annual in-service training standards, pursuant to section 58-a of the Civil Service Law, section 209-w of the General Municipal Law and State firefighter training standards contained in 19 NYCRR Parts 426 and 427. The standards require that training curricula address operational and safety procedures specific to a career firefighter's department, and therefore, career fire departments generally conduct their own training utilizing department staff. In-house training permits the customizing of curricula and allows training to be conducted on all shifts. Career fire departments designate a Municipal Training Officer (MTO) to oversee and conduct the fire department's training program and may designate one or more Municipal Fire Instructors (MFI) to assist the MTO. OFPC certifies career fire department basic and annual in-service fire training program curricula, certifies the MTOs and MFIs as meeting the requirements of 19 NYCRR Parts 426, 427 and 438, authorizes MTOs and MFIs to deliver State fire training courses and provides Candidate Physical Ability Tests (CPAT), which is a as a required component of the basic fire training program. OFPC provides career fire departments with fire training course curriculum materials, including course lesson plans and student materials.

The title of each municipal training course conducted in 2012, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses are listed on the following page.

Course Title	Courses Conducted	Student Completions
Accident Victim Extrication Training	16	72
Apparatus Operator – Aerial Device	21	99
Apparatus Operator – Emergency Vehicle Operations	36	366
Apparatus Operator – Pump	26	123
Basic Structural Collapse Operations	10	68
Basic Wildland Fire Suppression	5	18
Conducting Live Fire Training Evolutions	9	8
Confined Space Rescue - Technician Level	8	27
Confined Space: Awareness and Safety	27	205
Courage to be Safe; Firefighter Life Safety Initiatives	7	42
Defense Against Weapons Of Mass Destruction Awareness	11	58
Electric Vehicle Safety for Emergency Responders	1	62
Enrollment to Basic Fire Fighter Training	1	16
Fire Behavior And Arson Awareness	13	92
Fire Officer I	8	39
Fire Police	6	111
Fire Service Instructor I	9	146
Firefighter Assist And Search Team (FAST)	30	205
Firefighter I (W/HMFRO)	46	541
Firefighter II	19	93
Firefighter Survival	33	125
First Line Supervisors Training Programs	8	147
Handling Elevator Emergencies	3	27
Hazardous Materials First Responder Operations (HMFRO)	38	814
HMFRO – Annual Refresher	8	67
Introduction To Incident Command System (ICS) (ICS-100.B)	10	8
ICS for Single Resources and Initial Action Incidents (ICS-200.B)	7	16
Incident Safety Officer (NFA)	13	61
Intermediate ICS for Expanding Incidents (I-300)	9	27
Introduction to Fire Officer	20	303
Live Fire Training Safety	10	8
Passenger Train Emergency Rescue Procedures	2	11
Principles of Building Construction: Combustible (NFA)	16	38
Principles of Building Construction: Noncombustible (NFA)	14	47
Principles of Fire Investigation	7	144
Principles of Instruction	5	27
Public Safety Critical Incident Management	2	19
Rescue Technician – Basic	20	68
SCBA Confidence	14	86
Scene Support Operations	19	34
Trench Rescue – Awareness Level	6	33
Truck Company Operations	17	60
Water Rescue –Awareness Level	5	37
Total	595	4,598

First Line Supervisors Training

Career firefighters promoted to first line supervisor are required to attend a four-week training program in fire supervision at the New York City Fire Academy, pursuant to section 209-x of the General Municipal Law. This program provides uniform training for all career fire officers in the State. OFPC approves the curriculum for this training program and reimburses the FDNY for the costs of conducting the program, including the provision of lodging and meals and reimbursement of travel costs, up to the amount provided for in OFPC's budget appropriation. Each year, approximately 250 career fire officers receive training through the First Line Supervisors Training Program.

Pursuant to the contractual agreement with the FDNY, six courses were completed in calendar year 2012 and six courses are planned for 2013.

Supplemental Training

Twenty-five counties have opted to supplement the number of training courses conducted by OFPC using local and county resources. These courses are conducted primarily for volunteer fire departments by county fire instructors designated by the county fire coordinator. County fire instructors are authorized by OFPC to deliver State fire training courses but are not State employees. Each county or fire department is responsible for the costs associated with conducting these courses. Courses are scheduled in the same manner as outreach training courses. OFPC anticipates that all supplemental training course requests for 2013 will be fulfilled.

The title of each supplemental training course conducted in 2012, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses are listed below.

Course Title	Courses Conducted	Student Completions
Accident Victim Extrication Training	3	35
Apparatus Operator – Aerial Device	1	11
Apparatus Operator – Emergency Vehicle Operations	13	175
Apparatus Operator – Pump	1	7
Conducting Live Fire Training Evolutions	2	72
Confined Space: Awareness and Safety	2	35
Electric Vehicle Safety for Emergency Responders	2	10
Fire Behavior and Arson Awareness	3	23
Fire Officer I (NFPA 1021-2009 Ed.)	1	25
Fire Police	3	42
Firefighter I (W/HMFRO)	6	17
Firefighter II	2	15
Firefighter Survival	6	39
Hazardous Materials First Responder Awareness	1	1
Hazardous Materials First Responder Operations (HMFRO)	2	25
HMFRO Annual Refresher	3	30
Ice/Cold Water Rescue – Technician Level	2	21

Course Title	Courses Conducted	Student Completions
Incident Safety Officer (NFA)	3	32
Intermediate ICS for Expanding Incidents (I-300)	3	17
Live Fire Training Safety	2	73
Principles Of Instruction	2	14
Rescue Technician – Basic	2	38
Scene Support Operations	2	26
Trench Rescue – Awareness Level	1	12
Total	68	795

Academy of Fire Science

The New York State Academy of Fire Science is the residential, academic setting for fire and emergency service personnel, from across New York, to expand their knowledge, skills, and abilities through education and training as well as share their professional experiences. It is the only fire serviced based academy of its type in New York State, training approximately 4,591 emergency service providers in more than 197 classes annually.

The Academy of Fire Science offers training in a variety of academic disciplines including: fire suppression, fire department leadership and management, emergency medical services, hazardous materials, fire and arson investigation, fire prevention and code enforcement, incident management, technical rescue, and emergency response to terrorism.

A cornerstone program at the Academy of Fire Science is the Recruit Firefighter Training (RFFT) Program, which is conducted twice each year. This intensive 11-week (440 hours) program provides a cost effective way for career fire departments, that do not hire a sufficient number of firefighters at one time to conduct their own recruit firefighter training program locally, to ensure their firefighters meet the State's firefighter training standards.

Fire and emergency service personnel also receive continuing education and professional development at the Academy of Fire Science through seminars, workshops, conferences, and certification programs.

Advanced training in fire and arson investigation skills at the Academy of Fire Science includes the delivery of programs for fire personnel, law enforcement, and insurance industry special investigators in the areas of: principles of fire investigation; fire and arson investigation: advanced skills in electrical fire cause determination; fire scene photography; interviewing of witnesses; and fire scene evidence collection. Annual seminars are conducted for juvenile fire setter intervention and fire and arson investigation continuing education. Additionally, training is conducted in the field of canine accelerant detection, with an annual 20-hour recertification program for canine accelerant detection teams. A 300 hour course in canine accelerant detection is offered every other year for municipal agencies pursuing the addition of a certified accelerant detection canine team to their fire investigation unit. This program began in 1993 and has resulted in training certified canine teams for agencies throughout New York State as well as other states and Canada.

In 2009, the NYS Office of General Services (OGS) completed an engineering study of Academy of Fire Science buildings, the oldest of which was constructed in 1858. The study, which included an energy

audit, a review of the mechanical, electrical, HVAC, and structural systems, identified needed improvements so that OFPC can provide the State's firefighters with a residential training facility containing adequate housing and training environments that are conducive to learning.

Based upon the study's recommendations numerous capital improvements have been made on the facility and surrounding grounds since 2009 which include: installation of replacement windows, repavement of the various driveways, creation of additional parking spaces, replacement of various roofs, replacement of an underground grease trap, installation of above ground fuel tanks, upgrading of the computers in the computer lab including creating additional stations, replacement of electrical fixtures and replacement of classroom a/v equipment.

Additional projects that are in progress include: replacement of over 100 shower stalls, carpeting in five dormitories, replacement of classroom tile, replacement of the audio visual equipment in the auditorium, and installation of replacement insulated exterior doors. On the training grounds a new roof simulator was recently completed, a new roadway for a trench rescue simulator was developed and additional hazardous material props have been installed.

Future projects include additional replacement windows, an upgraded fire alarm system, additional parking lot resurfacing, building of a trench simulator, repair or replacement of the training grounds access foot bridge, an apparatus storage building, rehabilitation of the existing gymnasium building to convert to an indoor training facility, and a rappel training tower. The lack of available capital funding has reduced the speed at which these projects can move forward.

The title of each training course conducted at the Academy of Fire Science, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses in 2012 are listed on the following pages.



Course Title	Courses Conducted	Student Completions
RFFT Fire Prevention Training	2	46
Accelerant Detection Canine Team Annual In-Service Training Workshop	1	13
Accident Victim Extrication Training	5	100
Aircraft Rescue And Firefighting	1	17
Apparatus Operator – Emergency Vehicle Operations	2	31
Apparatus Operator – Pump	2	44
Basic Structural Collapse Operations	4	67
Breathing Apparatus Maintenance – Scott (2.2, 4.5)	1	0
Cargo Truck – Hazardous Materials Specialist	2	23
Chautauqua County Weekend	1	105
Command and Control of Incident Operations (NFA) (WAS FCO)	1	29
Company Officer Training Workshop	1	70
Conducting Live Fire Training Evolutions	1	16
Confined Space Rescue – Technician Level	2	11
Confined Space: Awareness and Safety	3	47
County Fire Coordinator Conference	1	64
Courage to be Safe; Firefighter Life Safety Initiatives	2	31
Defense Against Weapons Of Mass Destruction Awareness	1	16
Electric Vehicle Safety for Emergency Responders	1	28
Electrical Fire Cause Determination I	2	36
Electrical Fire Cause Determination II	2	24
Emergency Medical Technician Refresher	3	37
Emergency Medical Technician – Basic	2	9
Emergency Response to Ethanol Incidents	2	15
Evaluator Training	1	25
Executive Skills Series (MLC/I) (NFA)	1	29
FASNY EMS Conference	1	265
Fire Alarm Systems Workshop	3	25
Fire and Life Safety Educator I	1	11
Fire Behavior and Arson Awareness / Principles Of Fire Investigation	4	71
Fire Extinguisher Maintenance	2	13
Fire Marshals and Inspectors Program	1	100
Fire Officer I (NFPA 1021-2009 Ed.)	1	14
Fire Officer II	5	19
Fire Reporting Workshop – Version 5.0	2	31
Fire Safety for Direct Support Professionals (OPWDD)	1	0
Fire Scene Evidence Collection	1	11
Fire Service Instructor I	6	95
Fire Service Instructor II	4	43
Fire Service Women of New York State Training	1	70
Fire Sprinkler Plans Review	1	6
Fire Sprinkler Systems Workshop	2	42
Fire/Arson Investigation	3	48
Fire/Arson Investigation Seminar	2	367
Fire/Arson Investigation Specialty - Interviewing Techniques for the Fire Investigator	2	22

Course Title	Courses Conducted	Student Completions
Firefighter I (W/HMFRO)	4	76
Firefighter II	2	44
Firefighter Survival	3	53
Flammable and Combustible Liquid Emergencies	1	25
Flammable Gas Emergency Response Workshop	4	31
Hazardous Materials First Responder Operations (HMFRO)	4	47
Hazardous Materials Incident Command	2	31
Hazardous Materials Technician – Basic	3	37
Hazardous Materials Training Program	1	195
Highway Safety For Emergency Responders	1	17
HMFRO Annual Refresher	1	16
Ice/Cold Water Rescue – Technician Level	3	56
Incident Command for Structural Collapse (NFA)	1	30
In-Service Safety Training (OSHA Refresher)	3	146
Intro to Unified Command for Multiagency and Catastrophic Incidents (IUCMCI)	1	27
Juvenile Firesetter Intervention Specialist I	2	28
Leadership III – Strategies for Supervisory Success (NFA)	1	28
Legal Issues for the Fire Service Instructor	1	16
Legal Issues for the Volunteer Fire Service	1	19
Live Fire Policy Training	1	16
Live Fire Training Safety	1	16
Med Structural Collapse Operations: Void Search and Rescue	1	21
Medium Structural Collapse Operations: Ext Shoring	2	33
Medium Structural Collapse Operations: Int Shoring	3	96
Medium Structural Collapse Concepts	2	48
NYS CME Based Recertification Program – EMT B Core Content	1	77
NYS Instructor's Authorization Training Program	2	130
On-Scene Rehabilitation for Emergency Operations	1	14
Oswego County Weekend	1	90
Preparation for Initial Company Operations (PICO) (NFA)	1	23
Preparing for the Line of Duty Death	1	8
Principles of Instruction	6	47
Recognizing Clandestine Drug Lab Operations	2	19
Recruit Firefighter Training	3	61
Regional Fire Administrators Conference	2	48
Rescue Tech – Basic/Confined Space – Tech Level	1	17
Rescue Technician – Basic	2	31
Rope Rescue – Operations Level	2	17
Rope Rescue – Technician Level I	2	10
Rope Rescue – Technician Level II	3	33
SCBA Confidence	2	31
Scene Support Operations	1	16
School Bus Rescue	1	29
Selected Legal Issues for the Volunteer Fire Service – County Weekend	1	43
Strategy and Tactics for Initial Company Operations (NFA)	4	70
Swiftwater/Flood Rescue Technician	3	46

Course Title	Courses Conducted	Student Completions
The Challenge of Pesticides and Poisons	1	0
The Rules Have Changed: The Firefighters Guide to Lightweight Wood Construction	1	25
Trench Rescue – Awareness Level	2	34
Trench Rescue – Operations Level	1	19
Trench Rescue – Technician Level	1	19
Truck Company Operations	2	31
Vehicle Fire Investigation	3	39
Volunteer Fire Police Association Conference	1	170
Water Rescue – Awareness Level	1	28
Water Rescue – Operations Level	3	28
Total	197	4,591



Direct Delivery Training

Direct delivery fire training programs are specialized knowledge and skill courses delivered exclusively by OFPC fire protection specialists who have advanced training and skill levels in numerous subject areas including: hazardous materials; weapons of mass destruction; and fire and arson investigation. Direct delivery training courses are conducted at local training sites at night and on weekends to permit maximum participation by volunteer firefighters. For career departments, courses are conducted on the department's shift schedule to permit all departments' firefighters to participate. OFPC filled all 2012 requests and anticipate filling all 2013 course requests for hazardous materials, weapons of mass destruction, and fire and arson investigation training.

The title of each direct delivery training course conducted in 2012, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses are listed below.

Course Title	Courses Conducted	Student Completions
RFFT Fire Prevention Training	1	18
Accident Victim Extrication Training	21	314
Advanced Hazardous Materials Technician	2	49
Alternative Fueled Vehicles and New Vehicle Technology	7	109
Apparatus Operator – Aerial Device	1	16
Basic Structural Collapse Operations	1	17
Campus Safety and Awareness for Chemical Suicide Incidents	4	64
Chemical Suicides: Information for the Responder	34	642
Confined Space: Awareness and Safety	1	50
Decontamination Trailer Equipment Training	4	39
Decontamination	15	313
Defense Against Weapons of Mass Destruction Awareness	1	7
DHSES-OFPC and OEM Field Integration Training	1	90
Electrical Fire Cause Determination I	1	10
Emergency Escape System Train-the-Trainer	4	44
Emergency Response to Ethanol Incidents	9	167
Evaluator Training	5	56
Everything a Firefighter Wants to Tell a Code Official	2	51
Fire Alarm Basics	3	56
Fire Alarm Systems Workshop	1	16
Fire Behavior and Arson Awareness	1	10
Fire Behavior and Arson Awareness / Principles Of Fire Investigation	1	11
Fire Reporting Workshop – Version 5.0	6	70
Fire Safety and Response for Law Enforcement	2	6
Fire Safety During Construction and Demolition	1	53
Fire Safety for Direct Support Professionals (OPWDD)	235	3,720
Fire Scene Evidence Collection	1	11
Fire Sprinkler Systems Workshop	1	16
First Receiver Decontamination	7	50
Flammable and Combustible Liquid Emergencies	3	30

Course Title	Courses Conducted	Student Completions
Hazardous Materials First Responder Operations (HMFRO)	18	126
Hazardous Materials Incident Command	11	97
Hazardous Materials Incident Safety Officer	4	51
Hazardous Materials Staff Refresher Training	1	18
Hazardous Materials Technician – Basic	12	169
Hazardous Materials Technician Basic Refresher	30	323
HMFRO – Annual Refresher	20	453
I-300 (NFA)	1	0
Introduction to ICS (ICS-100.B)	5	60
ICS for Single Resources and Initial Action Incidents (ICS-200.B)	2	12
Intermediate ICS for Expanding Incidents (I-300)	5	70
Introduction to Statewide Learning Management System (SLMS)	24	260
Introduction to Statewide Learning Management System (SLMS)	5	32
National Incident Management System (NIMS) – Introduction (IS-700.A)	5	62
Medium Structural Collapse Concepts	1	0
Methamphetamine Labs and the Fire Marshal – What You Need to Know	3	714
On-Line Fire Reporting System Training	1	47
Personal Protective Equipment for the Hazardous Materials Operations Level Responder	3	25
Principles of Fire Investigation	10	164
Recognizing Clandestine Drug Lab Operations	20	593
Refresher Training (6 Hours)	2	46
Refresher Training (9 Hours)	2	81
Respiratory Protection Program	2	31
Sampling Techniques for the Hazardous Materials Technician	3	32
School Bus Rescue	9	195
School Bus Rescue Practical Skills	11	180
The Challenge of Pesticides and Poisons	2	10
Trench Rescue – Awareness Level	2	72
Trench Rescue – Awareness Level	1	13
Vehicle Arson Awareness Program (VAAP)	1	10
Water Rescue – Awareness Level	4	55
What Am I Looking For? – Inspections, Testing, Maintenance of Fire Systems	1	53
Why Sprinklered Buildings Burn	2	28
WMD Detection Equipment Refresher Training	1	43
Total	600	10,230

Hazardous Materials Emergency Response Training

OFPC has provided hazardous materials response training to firefighters for more than thirty years. Prior to 1982, hazardous materials training focused only on awareness of the hazards posed by hazardous materials and provided information on defensive tactics that could be employed by firefighters responding to hazardous materials incidents.

In 1982, Executive Law section 156-A was enacted, which directs the State Fire Administrator to develop a specialized hazardous materials emergency response training program. The OFPC hazardous materials emergency response curricula have been expanded to thirty-seven different courses from basic skills to advanced mitigation techniques. These courses are conducted for firefighters, police, emergency medical responders, industrial, and military personnel.



Hazardous materials emergency response training courses are conducted by OFPC fire protection specialists that are certified hazardous materials technicians and certified fire service instructors. Hazardous materials emergency response training was provided to firefighters and related personnel in 2012.

Basic hazardous materials emergency response training is included in the basic firefighting skills training course: Firefighter I. Sixteen hours of instruction in hazardous materials operations prepares firefighters to recognize the presence of hazardous materials and employ defensive tactics to protect themselves and the public.

Hazardous materials technician training provides firefighters with forty hours of instruction in the advanced skills necessary to utilize chemical protective clothing and employ offensive tactics to mitigate a hazardous materials incident. An advanced hazardous materials technician course provides an additional forty hours of hands-on training in advanced mitigation techniques.

The basic hazardous materials emergency response training and hazardous materials technician training conforms to federal occupational safety and health regulations pertaining to responders to hazardous materials incidents, the National Fire Protection Association standard for professional competence of responders to hazardous materials incidents and the state minimum training standards for firefighters.

OFPC's hazardous materials emergency response training included terrorism awareness prior to the bombing of the World Trade Center in 1993. Presently, thirteen different course titles are directly related to preparedness for, or response to, terrorist attacks. The response to incidents where terrorists use chemicals, biological agents, or radioactive materials as weapons often require the same incident response techniques as accidental releases of traditional hazardous materials.

The title of each hazardous materials emergency response training course conducted in 2012, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses are listed above (see Direct Delivery Training above) and separately listed below as the report on hazardous materials emergency response training.

Course Title	Courses Conducted	Student Completions
Advanced Hazardous Materials Technician	2	49
Decontamination Trailer Equipment Training	4	39
Decontamination	15	313
Defense Against Weapons of Mass Destruction Awareness	20	167
Flammable and Combustible Liquid Emergencies	4	55
Flammable Gas Emergency Response Workshop	4	31
Hazardous Materials First Responder Awareness	2	5
Hazardous Materials Incident Command	13	118
Hazardous Materials Incident Safety Officer	4	51
Hazardous Materials Training Program	1	195
Hazardous Materials Technician Basic Refresher	30	323
Hazardous Materials Technician – Basic	16	224
Recognizing Clandestine Drug Lab Operations	35	934
Respiratory Protection Program	2	31
The Challenge of Pesticides and Poisons	2	10
WMD Detection Equipment Refresher Training	1	43
Emergency Response to Terrorism: Basic Concepts	1	6
Hazardous Materials First Responder Operations (HMFRO)	86	1,174
HMFRO Annual Refresher	94	1,644
First Receiver Decontamination	7	50
Sampling Techniques for the Hazardous Materials Technician	3	32
Chemical Suicides: Information for the Responder	34	642
Personal Protective Equipment for the Hazardous Materials Operations Level Responder	3	25
Cargo Truck – Hazardous Materials Specialist	2	23
Methamphetamine Labs and the Fire Marshal – What You Need to Know	3	714
Emergency Response to Ethanol Incidents	11	182
Campus Safety and Awareness for Chemical Suicide Incidents	4	64
Hazardous Materials Staff Refresher Training	1	18
Total	404	7,162

Fire and Arson Investigation Training

Fire and arson investigation skills direct delivery training is conducted for firefighters and law enforcement personnel throughout the State. Training programs address principles of fire investigation, introduction to arson investigation and forensic investigation of fires. These training programs are conducted at local fire training sites, basic police training academies and other criminal justice training sites.

Fire and arson investigation training courses are conducted by OFPC fire protection specialists who are certified fire investigators, certified peace officers and certified fire service instructors. Fire and arson investigation training was provided through direct delivery to firefighters and law enforcement personnel in 2012.

The title of each fire and arson investigation course conducted in 2012, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses listed above (see Direct Delivery Courses above).

Regional Training

Regional training involves highly technical subject matter, which requires that it be conducted by instructors with advanced level training and expertise. Courses are scheduled at the request of county fire coordinators and municipal training officers and are conducted at minimal cost to the fire department. Presently, only technical rescue courses are delivered through regional training.

Technical Rescue Training

Technical rescue training provides firefighters and other emergency responders with instruction in specific areas of technical rescue including: structural collapse rescue; trench rescue; confined space rescue; rope rescue and ice and swift water rescue. These courses are conducted at local and regional training sites by OFPC fire protection specialists and designated State fire instructors, who have subject specific technical training and experience and who are certified fire service instructors. Requests for technical rescue training are fulfilled based on availability of resources, with priority given to locations and agencies that are positioned to utilize the training to establish or enhance operational capability, and risk assessment

Technical rescue training has been augmented in 2012 with a \$150,000 homeland security training grant.

OFPC has received technical rescue training course requests which exceed available resources and a backlog of course requests continues to exist. OFPC has taken action to address this shortfall, including: training and certifying additional State fire instructors to conduct basic level technical rescue training as part of the outreach training program; and recruitment of additional qualified State fire instructors. OFPC has also requested additional funding through the homeland security training grant program. Based upon the current rate of requests, OFPC estimates an additional \$500,000 and an increase of at least two FTEs would be required to address the backlogged courses and meet the ongoing needs.

For State fiscal year 2012-2013, county fire coordinators have submitted requests for over 460 technical rescue courses totaling more than 7062 course hours.

The title of each regional training course conducted in 2012, the number of times the courses were conducted and the number of firefighters and related personnel who completed the courses are listed below.

Course Title	Courses Conducted	Student Completions
Advanced ICS for Command and General Staff Complex Incidents (I-400)	1	16
Alternative Fueled Vehicles and New Vehicle Technology	1	57
Apparatus Operator – Emergency Vehicle Operations	2	23
Apparatus Operator – Pump	1	20
Basic Structural Collapse Operations	1	35
Basic Structural Collapse Operations	1	27
Company Officer Training Workshop	2	136
Concrete Breaching and Breaking	1	71
Confined Space Rescue – Technician Level	4	23
Electric Vehicle Safety for Emergency Responders	2	65
Emergency Service Dispatcher – Basic	1	9
Engine Company Operations	1	20
Evaluator Training	1	14
Fire Alarm Systems Workshop	1	18
Fire Officer I (NFPA 1021-2009 Ed.)	3	60
Fire Safety Inspections at Correctional Facilities	2	10
Firefighter Assist and Search Team (FAST)	4	53
Firefighter I (W/HMFRO)	3	20
Firefighter II	1	13
Firefighter Survival	5	47
Hazardous Materials First Responder Awareness	1	4
Health And Safety Officer (NFA)	3	44
Highway Safety for Emergency Responders	4	43
Hazardous Materials First Responder Operations – Annual Refresher	2	54
Ice/Cold Water Rescue – Technician Level	7	35
Intermediate ICS for Expanding Incidents (I-300)	11	152
Legal Issues for the Fire Service Instructor	3	28
Medium Structural Collapse Operations: Void Search and Rescue	3	68
Medium Structural Collapse Operations: Ext Shoring	2	13
Medium Structural Collapse Concepts	2	27
Medium Structural Collapse Operations: Tools	5	59
NYS-OFPC Peace Officer – Weapons/Officer Protection Training	1	12
On-Scene Rehabilitation for Emergency Operations	3	38
Passenger Train Emergency – Awareness	2	25
Principles of Building Construction: Combustible (NFA)	2	34
Principles of Building Construction: Noncombustible (NFA)	2	7
Principles of Instruction	4	16
Refresher Training (12 Hours)	1	32
Rehabilitation Practices for Fire Department Operations	1	24

Course Title	Courses Conducted	Student Completions
Rope Rescue – Operations Level	8	73
Rope Rescue – Technician Level I	4	35
SCBA Confidence	3	38
Strategy and Tactics for Initial Company Operations (NFA)	1	14
Swiftwater Rescue – Technician Level	2	26
Swiftwater/Flood Rescue Technician	4	55
Trench Rescue – Awareness Level	2	11
Trench Rescue – Operations Level	3	19
Trench Rescue – Technician Level	2	22
Truck Company Operations	2	20
Water Rescue – Operations Level	2	12
Total	130	1,777

Firefighter Training Outside of New York State

During 2012, fire chiefs reported to OFPC that firefighters attended training programs outside of the State, pursuant to section 72-g of the General Municipal Law. Firefighters attended a training program at the National Fire Academy in Emmitsburg, MD sponsored by OFPC; firefighters attended one of two national conferences conducted in Baltimore, MD and Indianapolis, IN; and firefighters attended professional educational programs and seminars sponsored by national fire service organizations, the U.S. Department of Homeland Security or other organizations.

National Fire Academy

The National Fire Academy is the primary training unit of the United States Fire Administration which is part of the U. S. Department of Homeland Security. Firefighters from New York State have the opportunity to attend the National Fire Academy for training targeted to middle and high level fire officers. OFPC partners with the National Fire Academy to increase the opportunities for New York State firefighters to receive National Fire Academy training.

Professional Educational Programs and Seminars

Many organizations conduct professional educational programs and seminars. A review of the programs and seminars reported to OFPC does not reveal any significant subject matter training shortfalls with OFPC's fire training programs and many of the instructors delivering these programs and seminars are from New York State and employed by OFPC as State fire instructors or subject matter experts.

Program Sponsor	Program Name	Program Description	Location	No. of Attendees
Cygnus Publications Firehouse Magazine	Firehouse Expo	Professional Conference	Baltimore, MD	133
	EMS Today	Professional Conference	Baltimore, MD	23
	Various Classes	Management	Baltimore, MD	11
National Fire Academy	Various Classes	Institution of Higher Education	Emittsburgh, MD	7
	NYS Weekend	NYS Weekend	Emittsburgh, MD	204
Penwell Publications, Fire Engineering Magazine	FDIC	Professional Conference	Indianapolis, IN	97
Fire Rescue Magazine	Fire Rescue International	Professional Conference	Las Vegas, Nevada	4
	Incident Response to Terrorist Bombings		New Mexico	10
		Institution of Higher Education	Orlando FL	3
			Ocean City, MD	1
			Anniston, AL	2
			New Orleans	5
International Association of Fire Chiefs	Symposium in the Sun	Professional Conference	Clearwater FL	16
Total				516

Technology

NY-Alert

As of February 2013, NY-ALERT has 5.2 million subscriber accounts.

During the reporting period, NY-ALERT delivered more than 1.3 million messages via approximately 4.6 million telephone calls, more than 45,000 faxes, more than 217 million emails, and approximately 135 million text messages. In addition, the Emergency Alert System (EAS) was activated 55 times via NY-ALERT.



The “I-Alertz” mobile app allows the public to use the location of their personal communication device to find directions, hours of operation and other important safety information near their specific location. Since the launch of “I-Alertz” in October 2011, the app has been downloaded more than 313,000 times.

During Superstorm Sandy, the “I-Alertz” app was updated more than 3,000 times in order to provide updated shelter locations, evacuation routes and Disaster Recovery Center (DRC) locations in addition to nearly 8,200 other alerts that were disseminated during the event.

Public Information

Staff used the NYSOEM and NY-ALERT websites, and the DHSES Twitter account, to impart live public safety information for weather-related emergencies. Staff coordinated with the Governor’s Press Office in these efforts. Section staff continued to respond to inquiries from the news media and the public on a variety of emergencies, emergency management topics including the State’s REP program, and personal and community preparedness.

Section staff also continued to support NY-ALERT, the State’s alert and notification system. Staff has supported State and county operations by issuing safety information and offering technical assistance to counties in crafting messaging and then disseminating alerts to specific locations during emergencies.

DPC MEMBER AGENCY REPORTS

Department of Agriculture and Markets

Below is a description of activities conducted by the NYS Department of Agriculture and Markets (Ag&Mkts) during the reporting period:

- Completed training activities, including National Incident Management System / Incident Command System (NIMS/ICS), Disaster LAN, State EOC training, and Radiological Emergency Preparedness (REP) courses.
- Established internal procedures and guidelines for agency staff to be notified of emergencies and activated to participate in State EOC activities; increased the number of staff available and trained to work in the State EOC.
- Participated in State and federally evaluated nuclear power plant exercises and drills; staff also participated in REP plan reviews and updates, as well as projects to enhance REP response capability to meet federal requirements and ingestion pathway consequences.
- Hosted four regional meetings to introduce and initiate local agriculture emergency preparedness planning. These meetings included a scenario-based exercise to contemplate roles, responsibilities, statutory authority, and response capability gaps. Participants included county emergency managers, Soil and Water Conservation District representatives, U.S. Department of Agriculture (USDA) Farm Service Agency representatives, USDA Animal Plant Health Inspection and Plant Pest Quarantine staff, Cornell Cooperative Extension agents, and local department of health representatives.
- Assisted in drought-related reporting and local agriculture irrigation assistance, as well as State emergency operations such as Superstorm Sandy; provided assistance to pet sheltering and feeding, agriculture and environmental assessment, debris quarantine management, and food safety and supply operations.
- Continued to assist in the Governor's NYS 2100 Commission initiatives to enhance fuel supply and station resiliency.
- Collaborated with NYSOEM and other DPC agencies to enhance preparedness and response capabilities during the New York State Fair and other mass gatherings at the State Fairgrounds.

Office of Children and Family Services

The New York State Office of Children and Family Services (OCFS) maintains a Continuity of Operations Plan (COOP) as well as a Ready Emergency Data (RED) Book to support mission essential agency wide operations. These plans are reviewed and updated bi-annually.

OCFS staff who volunteer to work at the State EOC are required to attend both the State EOC training course as well as the Disaster LAN training. Staff participated in NIMS/ICS training. This information is collected and reported annually in August for compliance.

OCFS served on a national team, from January 2012 through August 2012, to develop a National Reunification Framework to assist state and local governments in defining processes and protocols to facilitate the reunification of children with their families in the aftermath of a disaster

OCFS partnered with NYSOEM, NYSDOH and the State Education Department (NYSED) to hold educational sessions for school administrators/personnel and child care providers located within 10

miles of nuclear power plants, on administering potassium iodide (KI) to children in the event of a radioactive release. The first session was held in Putnam County on May 1, 2012.

OCFS staff participated in numerous drills, exercises and trainings throughout the year.

- The Acting Deputy Commissioner for Administration and the agency's NYSOEM Liaison participated in a Multiagency Coordination Functional Exercise on June 29, 2012.
- OCFS remained in constant state of alert during the significant severe weather event on July 26, 2012. OCFS facilities in the targeted area actively prepared for the event with the activation of plans, procedures and protocols.
- During the TCI fire event in Columbia County (August 2012), OCFS reached out to all stakeholders located within a 15-mile radius of the incident site due to potential plume movement to reinforce safety concerns.
- OCFS staff participated in a full scale, level one activation exercise at NYSOEM on August 9, 2012. In addition to staffing the OCFS desk at the State EOC, OCFS participated in the Human Services Functional Branch.
- September 12, 2012: OCFS staff participated in a full-scale REP exercise radiological event at the Indian Point Energy Center in Westchester County.

The national child advocacy group Save the Children, on behalf of the National Commission on Children and Disasters, released a U.S. Programs Report Card in August 28, 2012 grading all 50 states on four criteria for protecting children during disasters. New York State has received an A for meeting all four standards.

OCFS staff attended the bi-yearly New York State Nuclear Safety Sub-Committee Power Pool Meeting on October 23-24.

In response to Superstorm Sandy, the agency's role as the co-lead for Disaster Recovery Centers (DRC), under the NYS DPC's Human Services Branch, the agency directed the overall state operations of DRCs across all 13 declared counties. A total of 65 DRCs were opened with a total cumulative number of visitors at 173,838 and counting. OCFS staff provided site management. At this date, 9 DRCs remain active. The first DRC opened on November 1, 2013 and the projected closure date for the remaining centers is April 30, 2013, unless a federal extension is granted. Staff was assigned to work at the State EOC for several weeks in two shifts, around the clock to assist in storm operations.

Department of Corrections and Community Supervision

Below is a description of activities conducted by the NYS Department of Corrections and Community Supervision (DOCCS) during the reporting period:

- Participated in various training activities including Disaster LAN training for EOC personnel, exercise design course (G-139), SLMS course.
- Conducted NIMS/ICS training for new supervisors and emergency responders, including NIMS/ICS 100, 700 and 800; DOCCS Correction Emergency Response Teams (CERT) conducted its annual NIMS/ICS training.
- Participated in federally-evaluated nuclear power plant exercises and drills including the September 12, 2012 Indian Point exercise. DOCCS also participated in the State-evaluated Nine

Mile Point plume exercise on July 24, 2012, which included several functional branches such as Human Resources, Transportation and Law Enforcement.

- Conducted a joint agency training exercise on May 17, 2012 involving approximately 120 first responders from DOCCS and agency personnel from the New York State Police. The training exercise was a success with interagency cooperation and assistance in responding to an incident where NIMS/ICS was tested per protocol.
- Provided equipment, resources and assets for the State's response to Superstorm Sandy. Activation for DOCCS started on Saturday, October 27, 2012 and concluded in December 2012, with demobilization lasting into January 2013.
- Reviewed and updated the DOCCS Continuity of Operations Plan (COOP) for 2012-2013.

Office of Counter Terrorism

The NYS Office of Counter Terrorism (OCT) participated in a number of State EOC activations over the reporting period. OCT staff supported NYSOEM's Planning section during EOC activations as authors of the Executive Situation Report (ESR). In the planning support capacity, OCT supported eight activations of the State EOC. OCT also provides a liaison to nuclear power plant exercises and other events as asked to by OEM. OCT staff members were sent to the Long Island Power Authority (LIPA) Operations Center in Hicksville, NY to help coordinate during severe weather events twice during the reporting period. OCT staff members are currently being trained to utilize advanced modeling software to better predict impacts from hazardous materials releases and anticipate building further capability in this area during the next reporting period.

OCT also serves as the lead agency for the Critical Infrastructure and Key Resources (CI/KR) Functional Branch under the State Comprehensive Emergency Management Plan (CEMP). As lead agency of this branch, OCT has held branch meetings and participated in planning and coordination meetings with OEM. The functional branch was activated for the second time in its current form during the response to Superstorm Sandy. During this activation, the Branch provided staffing over a twenty five day period to the EOC, New York Office and the Joint Field Office. A total of seven OCT-CI staff members worked directly for the Branch and two additional staff members were deployed to Long Island to support DHSES Executives. The branch worked to help solve fuel supply issues as well as coordinating with representatives from electric utilities in the EOC. Additional OCT staff served in the Logistics and Planning sections over the same time period in support of the response efforts. As part of recovery from the storm, OCT staff members are working with FEMA staff to help develop an infrastructure recovery and resiliency support strategy document and have provided input when asked to the Governor's Commissions.

Division of Criminal Justice Services

During the reporting period, the NYS Division of Criminal Justice Services (DCJS) agency liaisons participated in radiological and severe weather-related training exercises at the State EOC. DCJS increased the number of staff trained to staff the agency desk at the EOC from two to eight. It is a future goal to have twenty (20) staff trained.

During Superstorm Sandy, DCJS staffed its agency desk at the State EOC on a twenty-four hour basis with no lapses in coverage up to and through the moment of the agency's directed demobilization.

DCJS also provided up to twelve additional members to staff other units of the EOC such as Planning and Logistics. Staff compiled agency reports and other documents as directed and fulfilled requests from law enforcement agencies on Long Island for police equipment and personnel. All disbursed resources were accounted for and properly demobilized.

Office of Cyber Security

Routine activations

The NYS Office of Cyber Security (OCS) Geographic Information Systems (GIS) group, now of the Office of Information Technology Services GIS Program Office, routinely provide GIS and mapping support to the DPC. OCS provides continuous support of SEOM by updating software and data. In March of 2012, six OCS members of the NYS Incident Management Team (IMT) attended an IMT meeting in Oriskany. Two OCS GIS staff participated in a review of activities following Hurricanes Irene and Lee in April 2012. In May 2012, OCS provided NYSEOM with two GIS staff in support of severe weather in Seneca County. Two GIS technicians also supported the Nine Mile Point State observed exercise, and were then scheduled to work the Southern Tier severe weather event in July 2012. OCS support the response to the TCI fire event in Columbia County and the Northern Lights Exercise in August 2012. In September 2012, one GIS resource was deployed to the Indian Point rehearsal exercise in September and the subsequent federally evaluated exercise in October. In December of 2012, one GIS staff worked at NYSEOM for the December snow storm, and two GIS staff worked the February snow event.

Superstorm Sandy and beyond

Superstorm Sandy Response and follow up actions dominated the OCS calendar in late 2012 and early 2013. Two GIS staff deployed with the NYS IMT to the Nassau County EOC; two staff were deployed to Breezy Point.; one GIS resource was stationed in the Manhattan Office for a week, while around-the-clock shifts were maintained for nearly four weeks at the State EOC. OCS coordinated GIS staff deployed to the State EOC from five other state agencies.

Following the Hurricane, GIS staff were called on to provide analysis and mapping for the NYS 2100 Commission and, to a lesser extent, the Ready and Respond commissions; OCS coordinated GIS contributions from eight agencies. The Critical Infrastructure Response Information System (CIRIS) supported by OCS played an important role by providing interactive mapping to the NYS 2100 Commission. OCS performed extensive GIS analysis in support of the Governor's office work on the gas station electric generator tax credit bill.

Education Department

The New York State Education Department (NYSED) participated in both DPC and internal after-action discussions related to Hurricanes Irene and Lee. Staff from the Office of P-12 and the State Archives continued to work with school districts and local governments impacted by Irene and Lee on recovery and mitigation measures.

NYSED responded to Superstorm Sandy by staffing the NYSED desk in the State EOC. Staff from the Office of P-12, Higher Education, Office of Cultural Education (State Archives, State Library, State Museum), and the Office of Professions (including, but not limited to the Board of Pharmacy) responded to specific needs of school districts, colleges, local governments, pharmacies, and cultural institutions (museums and libraries) impacted by Sandy. Recovery and mitigation work is still in progress. NYSED

staff that responded to the State EOC participated in an internal after-action discussion. Additional training, exercises, and succession planning for individuals working in the State EOC are being planned based on this discussion. A toll-free emergency contact telephone number was established for NYSED staff to call for information in the event of an emergency. All staff were provided with stickers with this telephone number to affix to the back of their NYSED identification badges.

NYSED is in the process of updating the continuity of operations plan (COOP) and an internal team is working to plan an exercise for staff associated with the COOP. Critical external contact information is being updated and/or confirmed as part of this process.

Empire State Development

Empire State Development (ESD) reviewed and revised their Master Business Continuity Management and Disaster Recovery Plan. The primary objective of ESD's Disaster Recovery Plan is to ensure that well defined procedures are in place to allow ESD to recover as quickly as possible from any unforeseen emergency or situation in which the ability to do business has been compromised and provide for the safety and well-being of ESD staff. Additionally this plan will:

- Provide the mechanism for reporting a crisis or emergency situation
- Ensure that employees have access to a documented conduit for information dissemination regarding a disaster
- Ensure that all employees understand their roles and responsibilities during an actual emergency
- Ensure that ESD can continue critical operations for the duration of the incident

ESD required departmental review and re-certification of each business units individualized Business Resumption Plan. This plan outlines the specific requirements, business processes and established action plans that must be available and carried out in order to continue business activity in the event of a crisis. As part of this initiative, key areas of responsibility were identified (outlined below) that department/group heads are accountable for:

- Identify a designated backup authorized to act on your behalf should you be unavailable
- Document critical functionality and processes within your department/group
- Identify and document key roles and responsibilities for each critical function your department/group performs
- Create and maintain a department/group specific employee call list for emergency notification purposes
- Identify staff members that will be required to report to designated Disaster Recovery Sites should it become necessary; and
- To update your department Business Continuity documentation and forward it to the taskforce when business processes or key roles change

ESD reviewed and updated all Agency Crisis Quick Reference Guides. These guides are posted in public areas and exits and contain emergency contact / notification and evacuation information which is location specific for dedicated employee work areas. Emergency procedures to follow are outlined in response to a variety of crisis events such as fire, medical emergency, bomb threats, suspicious mail, hostage situations or any other life threatening emergency. They also contain the location of Automated External Defibrillator (AED) devices and list staff that are trained in their use.

To supplement our Agency Disaster Preparedness Plan, ESD has established a Crisis Communication Guide which:

- Lists the members of the Emergency Preparedness Team (EPT)
- Lists other key crisis staff
- Contains the protocols and processes by which decisions are made regarding the potential closing of our agency offices during potential or actual times of crisis
- Lists various phone numbers and web links to be used for communication during times of crisis
- Outlines a series of phone and e-mail message templates that anticipate the range of messages that might be used to communicate with staff before and during potential or actual crises
- Contains preparedness guidance for press staff

In addition to establishing procedures for regularly scheduled review and updates to the disaster preparedness documentation, ESD Information Technology staff has conducted a variety of simulation and exercises to ensure that critical application and database systems can be restored in the event of a crisis or other event that precludes normal use or access.

ESD participated in several State OEM executive training exercises in 2012. These included sessions in May and June which outlined the role of the Division of Homeland Security and Emergency Management and a session on the operations of the State EOC. This included a simulated response to Hurricane impacting the Long Island and NYC areas.

In August 2012, Sam Hoyt of ESD's Western New York Office was named as a leader on the Governor's Regional Rapid Response Team for Western New York. These Teams will help coordinate regional responses to incidents and provide strategic level coordination for the State's response to local crisis.

In October and November 2012, ESD was an active participant at the State EOC and provided 24-hour staff coverage while activated due to Superstorm Sandy. Additionally, ESD provided administrative support and space in NYC to the Governor's Cabinet and the Department of Financial Services when their offices were unavailable after Superstorm Sandy.

Energy Research and Development Authority

NYS Energy Research and Development Authority (NYSERDA) staff participated in the Hurricane Irene/Tropical Storm Lee After Action Review (AAR), which was sponsored by NYSOEM and located at the National Guard facility in Latham, NY. NYSERDA incorporated various lessons learned from this event into institutional response and preparation plans.

Numerous NYSERDA staff and Executive Officers participated in several training exercises during the annual period including the "Northern Lights" exercise. Staff also attended training orientation at NYSOEM for the new computer system. DHSES Technology Staff were available at the State EOC to assist signing on to the new terminal, testing connectivity to NYSERDA's webmail system, and copying data that has been backed up to NYSERDA's designated file location.

NYSERDA staff participated in all federally mandated nuclear power plant exercises and drills held during the period including; the Nine Mile Point Plume Exercise, the Indian Point State Evaluated Rehearsal Exercise, and Indian Point Federally Evaluated FEMA Plume Exercise.

NYSERDA staff were activated for EOC staffing, participated in conference calls, or otherwise were altered to standby status for several severe weather events. These events included severe thunderstorms, high temperatures, Nor'easter and other winter season snow events, and Superstorm Sandy. Of particular note Superstorm Sandy and the long term activation of the State EOC on a 24 hour basis and other response activities during and in the aftermath of the event allowed ample opportunity to train staff and revise internal procedures as they related to this type of event.

From March 1, 2012 to October 31, 2012, New York State's Storm Relief Appliance Rebate Program wrapped up processing remaining rebate applications of those affected by Hurricane Lee and Tropical Storm Lee. These final rebates were a portion of a program that rebated more than 13,908 residential appliances and equipment totaling approximately \$6.7M in household rebates.

Following the 2011 and 2012 tropical storms and resulting flooding, NYSERDA targeted outreach to affected low income households, offering services through EmPower New York. Services include insulation, air sealing, appliance replacements and heating system upgrades. In order to ensure appropriate services to damaged homes, NYSERDA reviews FEMA and insurance documentation for each household requesting services. Additionally, NYSERDA requires contractors to evaluate health and safety conditions, such as mold or mildew, test the moisture content of wood in areas to be insulated, and measure the relative humidity in the home prior to installing measures that may be affected by high moisture levels.

During the period from March 1, 2012 through February 28, 2013, EmPower New York provided energy efficiency services to 93 dwellings affected by Tropical Storms Irene and Lee. After Superstorm Sandy, NYSERDA conducted extensive outreach to communities in the storm surge areas. 77 homes were accepted into EmPower New York and are receiving services. Approximately 80 additional applications are currently under review.

Department of Environmental Conservation

The NYS Department of Environmental Conservation (DEC) has an Emergency Management Unit which developed an agency emergency management policy and conducted implementation training for executive leaders and managers. DEC maintains a nationally qualified incident command "short" team (IMT Type 2) along with training new staff to replace those who retire. Several DEC IMT members are also assigned to the DHSES IMT.



DEC supported all radiological exercises as support to DOH. DEC police officers made daily assists to local and state agencies with emergency events that ranged from simple traffic accidents to complex active shooting incidents. DEC officers are often the first response to serious public safety incidents in the most rural areas of the state. All officers and field supervisors were trained in swiftwater rescue techniques typical of tropical storm or spring thaw flooding. Most DEC programs have strong working relationships with corresponding federal and other state agencies that support New York State during significant incidents or who may provide mutual aid to neighboring states.

April 2012 was exceptionally dry and numerous wildfires occurred in the southeastern sections of the state. Long Island experienced a 1,000-acre wildfire that destroyed three homes and one fire engine. A 480-acre fire occurred in Bear Mountain Park, Rockland County. DEC provided subject matter experts as well as firefighters for these and 83 other fires that spring. As the summer became exceptionally dry, a burning ban was extended through mid-October. DEC either directly extinguished or assisted local firefighters contain 67 wildfires over the summer. In addition, DEC continued to sponsor the New York Wildfire and Incident Command Training Academy in Suffolk County in late October that trains several hundred firefighters and first responders each year.

DEC had numerous staff assigned to Superstorm Sandy response and recovery. Staff operated rescue boats, conducted pumping operations, accomplished tree removal, supervised spill clean-up contracts and provided public safety as well as supporting local and state emergency operation centers and IMTs. DEC provided technical expertise and field assistance to the Paerdegat Basin oil spill (New York City), the TCI fire incident (Columbia County), and the Stena Primorsk grounding (Hudson River near Albany) as part of its daily response to 15,000 report oil spills per year.

Department of Financial Services

The NYS Department of Financial Services (DFS) participated in various emergency response and disaster planning activities during the past year, including those held by the New York State, New York City and Nassau County Offices of Emergency Management. DFS staff also attended training activities including NIMS/ICS, Disaster LAN, and COOP. Currently, 35 DFS agency staff are NIMS/ICS-trained, which ensures that the agency is NIMS-compliant. The Department is also part of the Public/Private Financial and Banking Information Infrastructure Committee (FBIIC of the US Treasury). This group monitors the Financial Industry response to various types of disasters and conducts exercises related to Industry response to these disasters. A recent exercise addressed a cyber-attack and its impact on clearing and settlement transactions for financial products.

DFS requires insurers to provide their Disaster Response Plans and Questionnaires, Business Continuity Questionnaires, and Pandemic Flu Surveys annually. From these documents, DFS identifies insurers with significant market share in the respective 63 counties of New York. When a disaster strikes, this information is used to identify insurers that insure most of the property in the affected counties.

Banking examinations as a matter of practice examine the institutions' Disaster Recovery and Business Continuity Plans.

Throughout the period following Sandy, The Department has maintained constant daily contact with the insurance industry. Immediately after the storm, the Department convened the Insurance Emergency Operations Center (IEOC). The IEOC is a joint effort that brings together the resources of both the industry and Department so our collective efforts can be focused on specific emergency situations. The IEOC enabled the Department to communicate directly and expeditiously with insurance carriers representing 90% of the market in storm-affected areas, giving DFS the opportunity to identify and address specific problems and troubleshoot any difficulties with the industry on a real-time basis. Following Sandy, the Department also worked with regulated institutions, citizens and with Federal counterparts to gauge impact in areas damaged by the storm and help insure prompt resumption of banking and other financial services in those areas.

To speed recovery in affected areas, DFS issued 20,000 temporary independent adjuster licenses to bring in professional adjusters from more than 20 different states. These temporary adjusters augment the approximately 12,800 independent adjusters already licensed in New York. DFS also notified insurers that homeowners should not be obligated to pay potentially large hurricane deductibles since Sandy did not have sustained hurricane-force winds when it made landfall in New York. In addition, the Department imposed a moratorium on cancellation or termination of insurance policies in storm affected areas for any reason, including non-payment of premium. DFS also promulgated emergency regulations requiring insurer claim investigations to begin within six days (instead of the normal 15 days after receiving notice of claim), shortened the time insurers have to provide claimants with decision on claims settlement, established a non-binding mediation program, instructed insurers to accept such items as homeowners' photos or videos to document losses, and required weekly reporting on every claim that has been extended past the initial 15-day window. DFS also developed a system of insurer report cards that reflect various data, including consumer complaints, as a means of ranking insurers' performance in responding to the needs of their customers.

Since insurance claim checks are issued jointly to the homeowner and that homeowner's bank or mortgage servicer, thus requiring the bank's endorsement of the check before the homeowner may access the funds. DFS reached agreement with major banks and mortgage servicers that enabled homeowners to get advance insurance settlement payments money more quickly.

Department personnel have visited scores of communities to provide direct help to consumers. The Department's Mobile Command Center (MCC) has made more than 100 visits to a storm affected community to offer help to New Yorkers. The Department has staffed more than 40 Disaster Assistance Centers (DACs), and is present at town meetings sponsored by many legislators, to provide help to consumers. The Department has fielded more than 12,300 calls on DFS's disaster hotline, which was in operation 24/7 after the storm and continues to be staffed seven days a week. The Department also staffed EOCs at New York State, New York City and Nassau County Office of Emergency Management.

Office of Fire Prevention and Control

The NYS Office of Fire Prevention and Control (OFPC) provided training to approximately 50,000 firefighters and other emergency responders, pursuant to section 156 of the Executive Law (numbers are less in the Annual Training and Education Report as that report is due before all the training numbers are into OFPC).

OFPC has been conducting firefighter training for approximately 60 years. The scope and complexity of firefighter training has grown in conjunction with the increased responsibilities of New York State's fire service. In 2012-13, OFPC's fire training program consisted of 200 different course titles with more than 3,200 course deliveries. Firefighter training and education was conducted for both career and volunteer fire departments throughout the state, serving approximately 100,000 firefighters in 1,830 fire departments. This training is essential for safe and effective emergency response aimed at protecting the people, property and environment in the State of New York. For many fire departments, particularly volunteer fire departments, OFPC's firefighter training courses are the only formal training courses available.

OFPC staff and teams responded in field operations to 87 emergency incidents throughout the State including the severe storms/tornado event in Chemung County, the TCI fire/hazardous materials incident in Columbia County, the Tamarack fire (40 structures involved) in Ulster County, a three-state

mutual aid fire in Port Jervis (Orange County), a 1,500-gallon ammonia leak in Seneca County, multiple brush fires in the Manorville area of Suffolk County with more than 120 fire departments involved, and Superstorm Sandy.

OFPC's response to Superstorm Sandy focused on core missions and legislative responsibility to administer the New York State Fire Mobilization and Mutual Aid Plan and to deploy the New York State's Urban Search and Rescue Team – New York Task Force 2 (NYTF 2) – which preformed rescues for 311 persons and 19 pets, as well as support the overall DHSES mission. OFPC provided staff to augment State OEM operations. Fire Protection Specialists filled roles in various EOC operational positions, field liaison positions, and as members of the NYS IMT. As the situation shifted from response and rescue mode to recovery, OFPC also deployed the Damage Assessment Response Team (DART).

The majority of OFPC's resources for Superstorm Sandy were in support of the New York State Fire Mobilization and Mutual Aid Plan. The plan was activated for 21 days: from October 27 through November 18, 2012. More than 260 deployment orders were issued during the activation and involved 247 fire departments, which represents the third-largest and second-longest activation in the 60-plus-year history of the Fire Mobilization and Mutual Aid Plan and demonstrated the capabilities of New York State's fire service. The response to Superstorm Sandy involved virtually all of OFPC staff and interrupted normal operations for approximately a month. Office staff members filled assignments across the State, where they operated 24 hours daily providing direct services by assisting local fire departments, county and NYC officials in their response, rescues and recovery to storm-related emergencies.

Office of General Services

EOC Staff Preparation

As a result of lessons learned in 2011 in response to Hurricane Irene and Tropical Storm Lee, the NYS Office of General Services (OGS) expanded its list of employees designated to staff the agency's desk at the State EOC. The list expanded from about five to 34 – all were required to complete ICS/NIMS courses—ICS 100, IS 700 and IS 546.12—COOP, EOC and Disaster LAN training. By the time of Superstorm Sandy in October/November 2012, OGS was able to deploy staff to the EOC for the duration of activation without any staffing concerns.

Superstorm Sandy Response

OGS provided staff for the State EOC to support response operations.

- 24/7 staffing of the OGS desk from October 27 until November 16.
- Continued staffing OGS desk at reduced time schedules until December 19.
- Staffed OEM Finance and procurement services units.

Indicated below are several specific actions taken by various business units in OGS:

- Executive and other agency staff supported the Regional Operations Center (ROC) at 633 3rd Avenue and provided other executive-level decision making; for example, the closing of OGS downstate facilities and entering into an agreement with Suffolk County for the temporary use of the old warehouse facility in Central Islip.

- The OGS Public Information Office and Real Property Management & Facilities Unit facilitated the production and deployment of banners for the Governor Disaster Response Centers which were opened in several locations in the disaster area.
- The Human Resources Unit communicated with the Governor's Office of Employee Relations (GOER) regarding the closing of state buildings and facilities. With the support of OGS' Real Property Management and Facilities (RPM&F), HR coordinated the issuance of several NY-Alert messages on building closures to OGS building staff and tenants.
- The Support Services Group of the Administration Unit performed numerous transportation missions during response, recovery and the demobilization process. Items transported included:
 - Cots, blankets, pillows and air mattresses to local shelters, staging areas and emergency management offices.
 - Hospital beds from DOH stockpile in Guilderland to multiple locations in the New York City metropolitan area.
 - Meals Ready to Eat (MREs) to shelters and staging areas.
 - De-watering equipment such as four (4") pumps and four hose kits from the Oriskany Stockpile to JFK Airport and back.
 - Office supplies to Disaster Recovery Centers.
 - Surplus property inventory (chairs, cabinets and tables) to the State Donations Warehouse in Central Islip.
- OGS provided the Downstate Distribution Center (DDC)—our warehouse on Long Island—for use as a staging area in support of the Logistics Center at Republic Airport. This was one of the most critical shipping and receiving points during the disaster response and recovery period.
 - Also provided 24/7 staffing and operation of the DDC for an extended period.
- The Real Estate Planning (REP) Unit researched the availability of OGS-owned and leased spaces for use as temporary housing and warehousing purposes.
 - The unit affirmed the availability of warehouse space in the Hudson Valley and New York City metropolitan area.
 - Assisted agencies displaced from leased space to obtain temporary offices in OGS-owned buildings.
- OGS' Design and Construction Unit managed 90 Declared Emergencies across the state. Activities included:
 - Evaluation of unoccupied Arthur Kill Correctional Facility for use as a temporary shelter.
 - Declaration of an Emergency to facilitate the repair loose steel chimney at Chisholm State Office Building.
 - Coordinating the installation of temporary generators at the Superstorm Sandy Response Centers in Nassau and Suffolk counties.
 - Working on existing boilers and a temporary boiler at the Bayview Correction Facility.
 - Working on flood damage to existing generator and cleaning up water damaged South Beach Psychiatric Center.
- The Real Property Management and Facilities (RPM&F) Unit:
 - Provided direct building operations support to the State EOC.
 - Provided temporary portable air condition unit to the building to enhance environmental quality during the height of the emergency response.
 - Made HVAC adjustments to meet heating and cooling needs of occupants
 - Secured and assigned staff for the OGS desk in the EOC from the group of agency volunteers representing all business units.

- Responded to request to stage emergency response supplies at campus and Empire State Plaza. Parking space provided at Building 18 to support 10 to 15 tractor trailers delivering Superstorm Sandy response supplies. Additional locations were also surveyed.
- Made repairs to the minor damage sustained by the OGS managed State office buildings and facilities in the disaster area, in particular the Adam Clayton Powell and Shirley Chisholm buildings.
- Facilitated the reopening of all OGS managed state office buildings in the downstate region Monday, November 5.
- Provided Business Continuity support to the State Office of Children and Family Services by approving the temporary reuse of 4th and 18th floors of the Adam Clayton Powell State Office Building when the agency was displaced from its 80 Maiden Lane offices.
- Used NY-Alert to notify OGS building managers and tenant agency contacts of the closure of state offices, facilities and operations in New York City and Long Island.
- Worked with D&C and Long Island Power Authority to facilitate the restoration of power to the Duryea State Office Building.
- Secured a generator for the Duryea State Office Building to provide backup power.
- In conjunction with D&C, coordinated logistical and technical support (securing trailers, portable bathrooms, generators and electricians) for the establishment of ten Superstorm Sandy Response Centers. Response Centers were established in Broad Channel, Queens, Wantagh and Breezy Point, Nassau County. Additional Centers were planned but were not opened as they would have duplicated the services of the Disaster Recovery Centers which are coordinated by the State Human Needs Taskforce which were being established simultaneously.
- Provided gasoline from the Duryea Facility in Hauppauge to state agency employees during the gasoline rationing period.
- Campus operations transported two de-watering pumps from DHSES stockpile in Oriskany, Oneida County, to Binghamton State Office Bldg to mitigate potential flood impact to the building.
- Secured Public Service Commission and Long Island Power Authority (LIPA) contact to ensure expeditious recovery of electric power to impacted buildings.
- Provided staffing support for warehousing operations in Binghamton.
- Served on the Governors Housing Task Force to provide assistance as needed.
- Served on the Governor's Mitigation and Recovery Task Force. Provided a list of potential mitigation projects to the Task Force.
- The Procurement Services Group (PSG) supported the EOC with alternate sources for equipment and supplies from statewide contracts.
 - Reviewed State contracts for various contractors and items.
 - Sent unit staff to OEM to provide direct assistance with procurement activities.
 - Helped to secure wooden pallets from the NYS Industries for the Disabled (NYSID) Johnstown New York warehouse.
- Legal Services provided legal guidance for the use of warehouse space; specifically, prepared and facilitated the legal requirements for Permit of Use of the former OGS warehouse in Central Islip. The warehouse was leased to Suffolk County and has been a key resource for the use of staging demobilized and donated items.
- The Finance Unit responded to request for contractors who could supply fuel—gas and diesel—in selected locations across the state.
 - Assigned staff to the Finance/Administration of the State EOC

- Coordinated the documentation of disaster response and recovery costs.

Support for Department of Health Disaster Preparedness Unit

OGS continues to be the primary shipper for the DOH Disaster Preparedness Unit (DPU). We ship items from the DOH Guilderland Warehouse to the DDC in Brentwood as well as to multiple county locations throughout the state. This service that we provide was critical during the 2009 swine flu pandemic. DOH has segregated storage space at the DDC, which is tied to the “Strategic National Stockpile” (SNS) initiative. As a part of this initiative, the DDC would be staffed and prepared to receive medical assets within 12-hours of the activation, to assist the general population if a health-related manmade or natural disaster were to hit New York City, Long Island, Westchester County, Rockland County, or Orange County.

OGS EOC, Building 18, State Campus

To be prepared to respond to any and all emergencies, especially those that might affect the Corning Tower of the Empire State Plaza, in the fall of 2012 OGS established an EOC at Campus Building 18 on the Harriman Campus. The EOC is outfitted with 12 desktop computers and 12 telephones (landline). The space can also function as an Executive Business Continuity site and supplements previously designated business continuity space in the building.

Mass Notification System at the Empire State Plaza

Through the use a State Homeland Security Grant, OGS has installed 10 LCD monitors at strategic locations along the Concourse of the Empire State Plaza to augment code-specified emergency communication. This mass notification system as it is named, will keep state employees and plaza visitors notified of emergencies occurring within and adjacent to the Plaza. During non-emergency periods, the monitors display mass gathering and other major events occurring at the Plaza. As soon as an emergency occurs at the Plaza and the PIO and Unified Command determine that public messaging, the system is activated and is used solely for mass notification purposes. The system was successfully used following a recent water leak in the Corning Tower that resulted in the temporary displacement of more than 150 State Department of Health employees from several offices.

Media Services Center

The latest tool in our tool box for emergency response is the Media Services Center. The Media Services Center at OGS conducts the following disaster preparedness activities. These steps were followed as part of the State’s response to Superstorm Sandy:

In preparation for storm / disaster response the MSC takes the following actions:

- Full-power generator load test, electrical transfer switch test and fuel tank level checks are performed at the Harriman Campus satellite teleport.
- Satellite Uplink Truck is put through routine operational checks, fueled and prepared for possible dispatch.
- Plans are prepared to re-allocate satellite bandwidth use to allow for rapid scaling up of Homeland Security’s emergency communications carrier. Any previously booked clients are notified of possible changes to their normal satellite feed information.

- One videographer is dispatched to be pre-positioned in the expected impact area.
- Second videographer is put on standby for response to the impact area.

When the state moves from planning to response:

- Transmission engineering staffing is changed to cover 24 hours to respond to any issue with television or Homeland Security satellite operations.
- Any Engineer scheduled to operate from the south concourse is moved to the Harriman Campus satellite teleport to speed manual override in the event of remote control or automation failure and to monitor directly the state of incoming commercial power.
- Master Control staffing in the south concourse facility s increased from weekday coverage to 7 days for the duration of the response activities to support webcasting and post-production video needs.
- All of the updates to the public from the Governor, State Operations and Homeland Security are distributed via satellite transmission, live webcast and archived on-demand web video.
- Videographers document damage and the state response to the incident.

In the post-response phase:

- All MSC video content is logged and archived.
- Copies of all video gathered by other agencies are requested, logged and archived.
- Operational staffing is returned to the current standard schedule.

Department of Health

Planning

Based on lessons learned from the response to Hurricane Irene and Tropical Storm Lee, the NYS Department of Health (DOH) led a Coastal Storm Planning Group to update the Healthcare Evacuation Center (HEC) Plan that is the coordination entity for Healthcare Facility (HCF) evacuations in the New York City/Long Island area. DOH staff developed an Extreme Weather Annex to the Department's All Hazard Emergency Response Plan. DOH staff provided input to State Radiological Emergency Preparedness (REP) Plan. DOH staff developed updated COOP planning materials for a department-wide planning activity next year. DOH staff conducted a meeting of all New York State Burn Centers to review possible revisions to the State Burn Plan; a second draft was developed, distributed and is currently receiving feedback for inclusion to the next draft. DOH staff are active in the Human Services Functional Branch planning activities throughout the year. DOH began to establish the Healthcare Emergency Preparedness Coalition (HEPC) concept throughout the State; these are multi agency response organizations responsible for regional Emergency Support Function (ESF)-8 coordination during emergency response incidents.

Training

DOH Executive Staff participated in the DPC training series. DOH coordinated with the Centers for Disease Control and Prevention (CDC) and Federal Bureau of Investigation (FBI) to sponsor a Forensic Epidemiology course that will be delivered in the summer of 2013 and rolled out to all Regions the following year. DOH staff participated in National Incident Management System / Incident Command System (NIMS/ICS) and State OEM Disaster LAN courses. DOH staff attended State Power Pool training

and provided training on the State Potassium Iodide Policy to Monroe and Putnam County school nurses.

Exercises

DOH staff participated in six federally mandated nuclear power plant exercises, a drill at the Knolls Atomic Power Lab Kesselring site and a Tabletop Exercise (TTXs) at Broome County. Local Health Departments (LHDs) throughout the State participated in Points of Dispensing (POD) exercises as part of the State Strategic National Stockpile (SNS) Plan. LHDs and HCF in the Western Region participated in the FEMA sponsored Flurricane Full Scale Exercise (FSE) and the State OEM sponsored Buffalo Storm West FSE. Hospitals exercised Medical Surge and Emergency Operation Center (EOC) coordination as part of their Emergency Operations Plans. DOH staff traveled throughout the State to conduct CHEMPACK sustainment activities to ensure that the CHEMPACK containers contain up to date Medical Countermeasures (MCMs).

Response

DOH staff responded to 10 State EOC activations including the TCI fire in Columbia County and Superstorm Sandy in which over 6,000 patients in HCFs were successfully evacuated in emergency conditions without any direct, negative outcomes. DOH staff were involved in developing risk communication messages to the public and flu mitigation strategies and guidance provided to HCFs to help respond to the severe flu season this year. DOH is the lead Agency for all ESF-8 activities during all emergency responses.

Division of Homes and Community Renewal

The NYS Division of Homes and Community Renewal (HCR) continues to work closely with State OEM in preparing for and supporting multi-agency, State-level activity during disaster events, exercises and training.

HCR has continued to expand the capability of a Disaster Preparedness Response Team by developing depth in staff trained to assist during disaster events at the State EOC, Disaster Assistance Centers and/or Disaster Recovery Centers. In addition, HRC representatives are active in support of various Human Services Branch committees, task force(s) and working groups. In support of these and other preparedness and response efforts, the HCR Training Section has developed and implemented a host of applicable manuals, guides & instructional documents.

HCR planning efforts include the development and maintenance of a Continuity of Operations Plan (COOP) as well as an IT Disaster Plan.

HCR serves as the State Housing Task Force Chair, and continues to coordinate the efforts of selected agencies and organizations in the development of a State housing strategy which will enable the State to more efficiently and effectively respond to the housing-related needs of those affected by a disaster and facilitate the receipt of Federal resources and support.

HCR provided staff to support the State response for Superstorm Sandy, including 24/7 State EOC support, ongoing Human Service Branch and subcommittee representation, liaison support to the JFO in

NYC, and the deployment of trained HCR representatives to each of the more-than 200 DRCs throughout the affected area.

HCR has administered the Homeownership Repair and Rebuilding Fund and Empire State Relief Fund to eligible grant program participants. The respective grants are designed to supplement FEMA Individual Household Program funds used to offset real property loss. In addition, a team of HCR staff has been trained and engaged in responding to nearly a thousand callers (to date) inquiring about grant fund program specifics and other related information.

HCR has developed several housing related programs designed to implement Community Development Block Grant / DR funds committed to the State for damaged areas related to Superstorm Sandy.

Office of Information Technology Services

Training

To ensure that the NYS Office of Information Technology Services (ITS) is NIMS-compliant, ITS has an ongoing process that documents the training requirements for NIMS and ensures staff complete it prior to the August deadline each year. Employees assigned to NIMS/ICS positions are required to complete either ICS-700 or ICS-100, depending on their role. Training lists are updated and certificates of completion retained as supporting documentation for the NIMSCAST survey.

Planning

ITS completed three quarterly COOP review and update cycles and is now completing the fourth quarter review and update. ITS updates NY-ALERT contact notification groups using an automated process on a weekly basis. As staff changes, ITS maintains its COOP/Disaster Recovery escalation process documents, which identifies the communication process flow, involved leaders, and teams necessary to respond to any hazard or emergency. The roles are organized using the NIMS/ICS structure.

ITS identified roles, using standard ICS terminology, to facilitate communicating with first responders in the event of an emergency or disaster. In August, ITS submitted its annual NIMS Compliance Assistance Support Tool (NIMSCAST) survey. As changes occur, ITS updates its critical contact information for all senior staff and agency decision makers involved in deploying resources to assist with incidents and disasters.

Response to Major Incidents

From October to December 2012, ITS trained staff, updated procedures, and created detailed EOC desk procedures, and distributed procedure binders to all appointed agency EOC liaisons. The binders include Disaster LAN instructions, detailed action steps for contacting staff, and instructions and forms for documenting technology requests for assistance. On January 15, 2013, ITS created a formal Superstorm Sandy After Action Report (AAR) with recommendations for improvements for senior management. Additionally, ITS continued to refine a Crisis Management Plan (CMP) to better prepare for the next disaster. A group of operational staff is in the process of reviewing and enhancing the CMP to incorporate deficiencies found during Superstorm Sandy.

Office of Interoperable and Emergency Communications

Radio and technical staffs from the NYS Office of Interoperable and Emergency Communications (OIEC) were deployed, along with mobile communications assets to provide communication assistance to the New York State Watch Center during the following incidents:



- April 2012: Radio engineers and one Strategic Technology Reserve (STR) vehicle were deployed to the Harriman State Park in response to wildfires to support tactical operations for first responders.
- May 9-10, 2012: Radio engineers participated in the Northern Border Security Exercise in Monroe County. As an evaluator, the team reviewed exercise documentation (prior to the exercise) for the Northern Border Monroe County Marine Interdiction full scale exercise. Completed observations at various locations during the event were sent to evaluation moderator. Exercise participants included the U.S. Coast Guard, U.S. Customs Border Protection, Federal Bureau of Investigation, U.S. Department of Homeland Security, Northern Border Security, Monroe County Sheriff's Department, DEC, DHSES, and NYSP.
- June 11-15, 2012: Team members supported communication operations as part of the Wallenda tightrope event, which took place across the Niagara Gorge. The group was responsible for supporting communications for emergency services providers during the event. Communications included radio, video, satellite, point-to-point and IP telephone to support State Park Police on Goat Island, the Interagency Coordination Center in the City of Niagara Falls, and the State EOC in Albany.
- July 12, 2012: Radio and technical staff were deployed, along with mobile communications assets to provide communication assistance to the State Watch Center for a fire incident in the Lake Placid area.
- July 26, 2012: Radio and technical staff were deployed, along with mobile communications assets to provide communication assistance to the State Watch Center for a rain/tornado event in the City of Elmira and surrounding counties.
- July 30, 2012: Radio and technical staff were deployed, along with mobile communications assets to provide communication assistance to the State Watch Center for an Orange County 911 Center failure.
- From July to September 2012, staff participated in REP exercises with NYSOEM, DOH, Ag&Mkts, and other agencies in anticipation of a federally evaluated exercise on October 2, 2012. Staff functioned as Public Information Officer in the EOC and radio monitor of Radio Amateur Civil Emergency Service (RACES) program for these exercises.

- August 3, 2012: Radio and technical staff were deployed, along with mobile communications assets to provide communication assistance to the State Watch Center for the TCI fire/hazardous materials incident in the Town of Ghent, Columbia County.
- August 11-17, 2012: The radio communications team provided support for the Maccabi Games in Rockland County. They served as a multi-agency intelligence center (fusion center) and provide a cache of VHF radios programmed on the Sheriff's department frequency. The games offer Jewish teens athletic, educational, cultural and social opportunities with Jews from around the world. Members were commended by Rockland County officials for their outstanding work.
- August 22 – September 4, 2012: Radio engineers provided communication equipment to support State Fire and other State agencies at the New York State Fair in Syracuse.
- September 19-20, 2012: A Communication Leader (COML) Exercise, conducted in Westchester County, provided hands-on situational training and advanced certification purposes. An additional 14 students were trained through this program. The New York State COML Credentialing Program continued to be developed by OIEC, in coordination with DHS OEC.
- February 11-17, 2013: Communications equipment was deployed in support of State's response to winter storm event.

Superstorm Sandy

At the direction of State OEM, OIEC undertook pre-landfall storm preparations to support operations in the State EOC and for potential forward deployment of assets and personnel in the field. These efforts included forward deployment, crews and assets, staffing for the State EOC for a period of up to two weeks, inventory, assembly, testing and staging of OIEC assets including mobile command vehicles and communication equipment. In addition, OIEC contacted key stakeholders and potential response contributors, including local, state, federal and private industry (wireless cellular carriers), and activated communication plans for state, federal, local and amateur networks.

OIEC deployed all available assets during Superstorm Sandy, including seven mobile command, communications and support vehicles, numerous mobile satellite and radio antennas and equipment, interoperable cross-channel radio equipment and repeaters, connectivity for VOIP telephones, and portable radios used by incident management team, local law enforcement and public safety personnel in the field, as well as portable radios used by emergency managers and agency liaison personnel at the State EOC in Albany.

For the first four weeks of activation, all OIEC staff and assets were devoted solely to the State's response to Superstorm Sandy. OIEC personnel and assets were physically deployed among Suffolk and Nassau counties, as well as New York City. In addition, communications logistical coordination and technical assistance to all State and local agencies was provided by OIEC personnel stationed at the State EOC throughout the activation.

Recognizing that commercial wireless (cellular) carriers' wireless networks serve as a vital link for citizens in need of help, and more acutely as a means to assist response and recovery efforts among first responders during the disaster, OIEC established points of contact with the carriers and developed a

reporting process and schedule. OIEC also discussed pre-staging of mobile cell platforms a.k.a., Cells on Wheels (COWs), Cells on Light Truck (COLTs), and portable satellite data equipment, to mitigate local outages and the potentially support emergency operations in impacted areas. At peak, over 20 mobile cell platforms were put in service to support emergency operations in NYC and Long Island. OIEC worked closely with the wireless carriers on reporting and monitoring wide-scale service disruptions, restoration efforts and temporary service installation to assist State and local authorities. This is the first time that New York State has engaged in this type of disaster planning and response activity with the wireless industry.

Department of Labor

The NYS Department of Labor (DOL) has conducted ICS training for Executive Staff in May of 2012. DOL has been actively involved in improving Location Emergency Action Plans, including developing emergency procedures for tornados, flooding, active shooter, and suspicious mail. DOL has been involved in high-rise emergency procedures for its locations in New York City. DOL has also been working on alternate locations for its COOP and tested its IT disaster recovery plan. DOL uses NY-ALERT for employee notifications, as well as a toll-free emergency line.

In regards to state response, DOL continued training its state Emergency Operations Team – 25 employees that staff the State EOC during emergencies. DOL strengthened its ability to support Disaster Assistance Centers – DOL is one of the primary agencies that staff these centers. DOL also participated in the Human Services Branch meetings and REP exercises. The DOL Emergency Manager participated in the REP Core Concept course in January 2013.

During large scale emergencies such as Superstorm Sandy, DOL provides both DUA, Disaster Unemployment Insurance to state residents unemployed due to the disaster, and oversees the National Employment Grant (NEG), which assists with coordinating unemployed workers to employers looking to hire temporary help to support recovery efforts (clearing debris, etc). DOL has also offered various resources to support response efforts; the agency provides safety assistance for response and recovery efforts during emergencies.

Office of Mental Health

The NYS Office of Mental Health (OMH) is a member of the Human Services Branch of NYSOEM and, as such, participated in a schedule of regular meetings and planning activities related to the review and revision of emergency response plans tied to Mental Health, Mass Care and Sheltering. This included efforts on a major revision to the NYSOEM Mass Care plan in response to lessons learned from the Irene and Lee events of the previous year.

OMH staff assigned to responsibilities at the State EOC also participated in training activities including NIMS/ICS, Disaster LAN, and EOC training. OMH staff participated in both State observed and federally evaluated nuclear power plant exercises, including the August federally-observed Northern Lights nuclear plant response exercise.

Activation and deployment of OMH staff to the State EOC occurred on several occasions, including severe weather events in April and July 2012. Staff reported to both the OMH desk at the State EOC and participated in activities of the Human Services Branch Mass Care group on each occasion. OMH was also activated for Superstorm Sandy and participated in numerous roles in support of the OEM mission, including the evacuation and relocation of patients from multiple healthcare facilities and the staffing of

DRCs. More than 85 clinically licensed mental health staff provided services to more than 30 different DRCs during Superstorm Sandy.

OMH also provided mental health support services via the FEMA funded Crisis Counseling and Training Assistance Program (CCP) providing services to communities affected by disaster. OMH has oversight and administers the grant activities while local agencies are contracted for the provision of direct services. During this reporting period, OMH engaged in multiple Crisis Counseling Programs, including Project Hope, which assisted survivors in 13 counties impacted by Hurricane Irene, Project Renew supporting the counties in the Southern Tier affected by Tropical Storm Irene and, most recently, Project Hope assisting those in the Greater New York City metropolitan area most severely impacted by Superstorm Sandy.

Metropolitan Transportation Authority

The Metropolitan Transportation Authority (MTA) conducted various area evacuation, city-wide evacuation, mitigation, and special needs planning activities during the past year. MTA agencies' Winter Weather Operations, Hurricane, and Heat Plans were updated.

MTA agencies (Metro-North Railroad (MNR), Long Island Rail Road (LIRR), New York City Transit (NYCT) Subway, Buses, MTA Police and MTA Bridges and Tunnels) staff attended training activities including NIMS/ICS Train-the-Trainer courses, Disaster LAN, and the Texas Engineering Extension Service (TEEX) Enhanced Incident Management Command at the Emergency Operations Training Center located at Texas A&M University in College Station, Texas.

MTA agencies participated in DHSES Training and Exercise Planning Workshop at Albany in March 2012. MTA Emergency Operations Center was established with procedures and guidelines for agency staff to be trained in NIMS/ICS, Disaster LAN, and EOC Training. MTA's Emergency Operations Group is in the process of identifying positions in the agency that will provide first responders in the event of an emergency or that will support the agency's response to an event. MTA agencies have established emergency stockpile locations for resources to be utilized during emergencies. NIMS training lists are updated yearly to insure that employees receive the required NIMS/ICS training in compliance with NIMSCAST.

In May 2012, MTA conducted an Executive Hurricane Tabletop Exercise. MTA also participated in FEMA Region II National Level Exercise (NLE)/Cyber Regional Tabletop Exercise, and the Trojan Horse Exercise.

MNR staff participated in federally mandated nuclear power plant exercises and drills, including the October 2012 Indian Point full-scale exercise and February 2013 Park Avenue Tunnel Drill with FDNY. MTA Police Department and MNR participated in the Regional Mass Fatality Response System full-scale exercise in March 2012 at Dutchess County Emergency Response Facility.

MTA Police conducted Interoperability Communications Drills with various State law enforcement agencies.

MTA Police Officers and Bridge & Tunnel Officers are trained in Personal Radiation Detectors (PRD) and Active Shooter scenarios.

NYCT Subways conducted the following drills:

- FDNY Rescue Conveyor System Drill (Vernon-Jackson Ave Station)
- Staten Island Railway (Smoke/fire on train at the Stadium Station) Tabletop
- FDNY Battalion Chief-NYCT Liaison Officer Training at the Rail Control Center
- Bus drill (Bus collision) Tabletop
- FDNY Multi-Unit drill Union Square Station (Gap filler)
- FDNY Hurricane Tabletop (Coney Island) exercise
- FDNY Hurricane Tabletop (City Island) exercise
- FDNY Snow Storm Preparedness Tabletop (Manhattan College)
- FDNY Battalion Chief-NYCT Liaison Officer Training at the Rail Control Center

Department of Buses conducted Red Letter Drills monthly for the past year. LIRR conducted Winter Storm Operations and Hurricane Tabletop Exercises in December 2012.

Division of Military and Naval Affairs

The NYS Division of Military and Naval Affairs (DMNA) supported DHSES with military forces and capabilities from the New York Military Forces (Army National Guard, Air National Guard, Naval Militia, and the New York Guard).

DMNA participated in several National Guard Civil Support Operations during the reporting period to include:

- April 2012: military aviation support to Long Island wildfires
- July 2012: military aviation support for the City of Elmira tornado
- October 2012-February 2013: military support to Superstorm Sandy response efforts (see below)
- January-February 2013: winter storm preparedness



DMNA conducted several training exercises internal to DMNA and with external partners during the reporting period including:

- May 2012 Homeland Response Force (HRF) exercise in Oriskany (see below)
- Regional response exercises in Buffalo, Syracuse, Troy, Peekskill, Brooklyn and Suffolk County
- Capital District communications exercise
- Civil Support Team exercises and evaluations

In addition, DMNA worked with State and county partners to review and update response plans and posture to better prepare for support to civil authorities. The agency is currently updating its comprehensive Contingency Operations Base Plan and annexes in an effort to provide more responsive support.

Superstorm Sandy

In support of the State's response to Superstorm Sandy, DMNA mobilized and deployed more than 3,800 Service Members of the NY Military Forces, 800 service members of Emergency Management Assistance Compact (EMAC) forces from nine states, and 650 Title 10 service members. DMNA deployed more than 1,400 vehicles to 13 counties in order to conduct over 270 missions in Long Island, New York City and the Hudson Valley, including pre-landfall evacuation, assisting local law enforcement (e.g., traffic control points), search and rescue, emergency debris clearance, security missions, aviation support, and points of distribution (e.g., water, blankets).

As part of a health-and-welfare-check program, military personnel, in conjunction with New York City health department officials, visited more than 100,000 apartment and housing units in New York City. DMNA also deployed C-17 and C-130 cargo aircraft, and UH-60 and CH-47 helicopters, to carry critical supplies and personnel. An Air Guard CH-130 search-and-rescue aircraft conducted a reconnaissance mission with Long Island officials one day after the storm, and Army Guard UH-60s transported local, state and federal officials as needed.

New York Army National Guard Aviation conducted 103 missions during the Superstorm Sandy response and flew 318 hours. In addition, the 105th Airlift Wing at Stewart Air National Guard Base acted as a Port of Aerial Debarkation (APOD) for utility repair trucks and crews flown in from the West Coast; approximately 100 items of equipment transported by Air Mobility Command Aircraft flown by the Air Force, Air Force Reserve, and Air National Guard were offloaded at the APOD.



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AO Long Island



AO – LI: (71 Total Missions)

Nassau: 32 Missions conducted
by AHRTF (500 SMs)

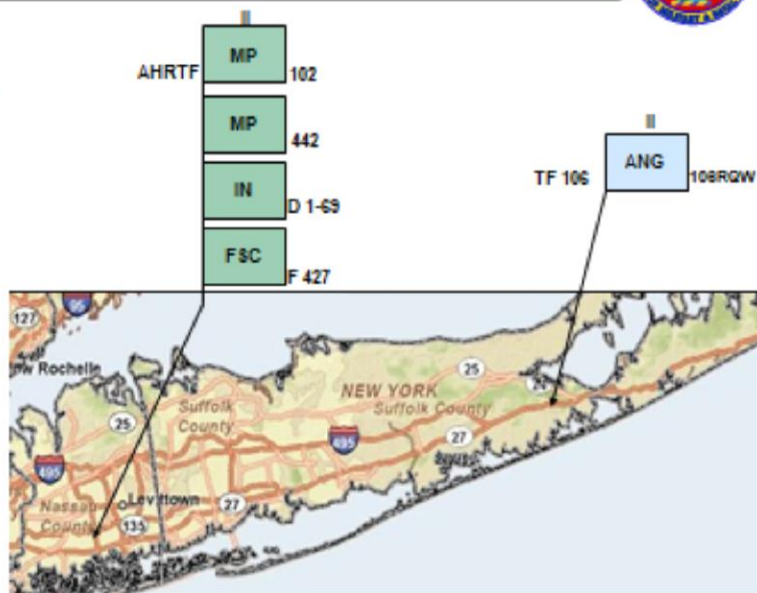
- Search and Rescue
- Swift Water Rescue
- Hi-Axle transportation
- Law Enforcement

Augmentation TCPs

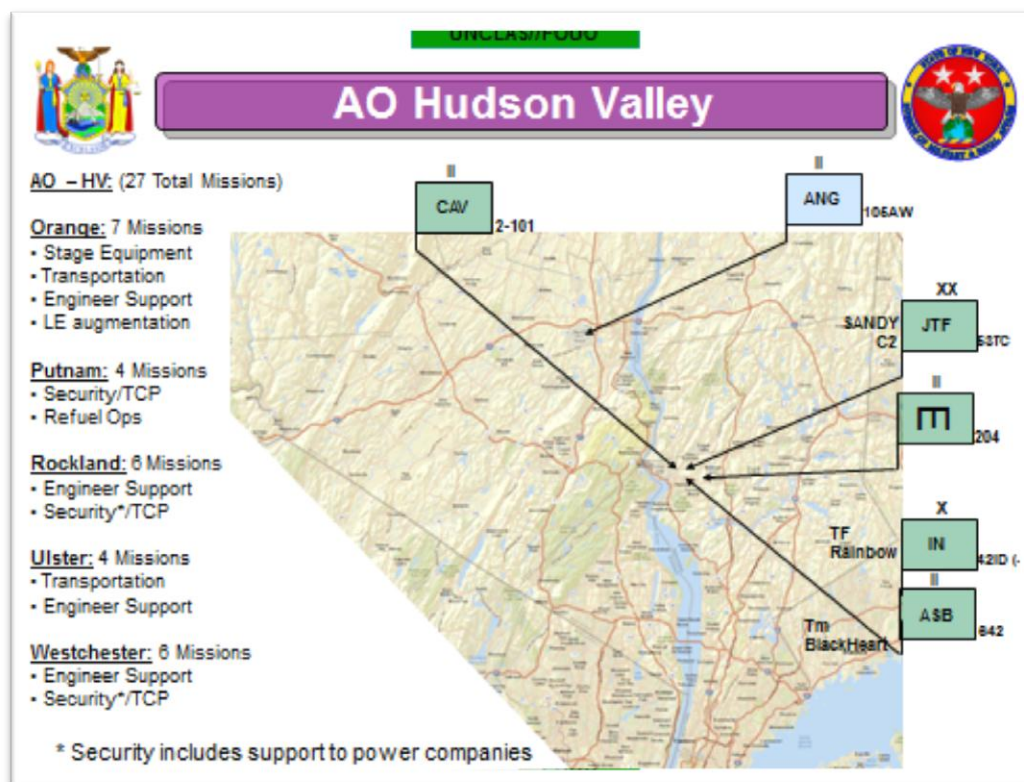
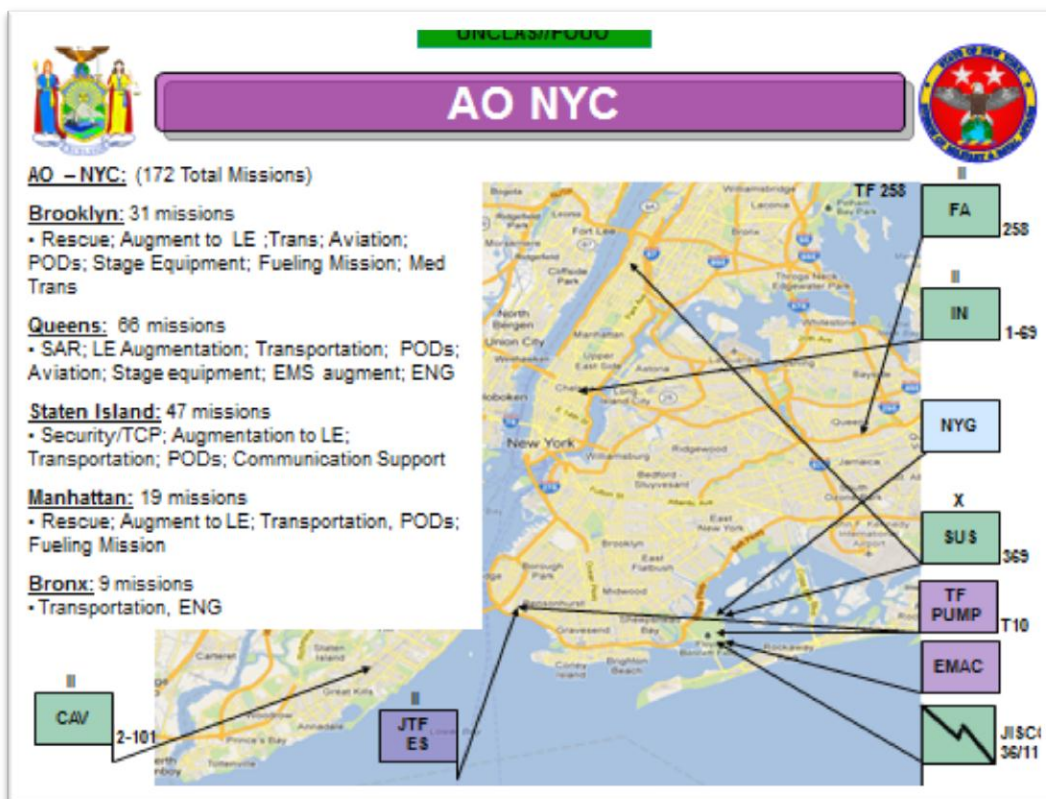
- Aviation Support
- PODs
- Transportation of Equipment
- Election Day Support

Suffolk: 39 Missions conducted
by 106 RQW (150 SMs)

- Hi-Axle transportation
 - Search and Rescue
 - Swift Water Rescue
 - Aviation Support
 - Law Enforcement
- Augmentation TCPs



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DMNA also provided the following resources:

Military Personnel:

New York Guard (State Defense Force)	185
New York Naval Militia	203
New York Air National Guard	1,023
New York Army National Guard	3,824
Air National Guard from other states	85
Army National Guard from other states	726
Total New York National Guard and NY Military Forces	5,235
Total National Guard from other states	811
Total National Guard and NY Military Forces	6,046

Supplies Distributed:

Water (cases)	115,719
Gasoline (pumped)	200,000 gallons
Diesel (pumped)	77,000 gallons
Vehicles fueled	15,378
Meals	2,035,410
Blankets	119,500
Heaters	4,500
Medical Cots	600
Turkeys (for Thanksgiving holiday)	3,021
Pies (for Thanksgiving holiday)	1,000

Homeland Response Force (HRF) Validation Exercise

From May 14-20, 2012, soldiers and airmen of the National Guard's Homeland Response Force (HRF) participated in a large-scale "validation training" exercise at the State Preparedness Training Center in Oriskany, NY. Training elements included extraction, decontamination, medical triage, security and command elements in response to a Chemical, Biological, Radiological, Nuclear, and High Explosive (CBRNE) event.

The HRF was established by the U.S. Department of Defense to serve as a CBRNE Consequence Management Response force, and provides State governors with a response capability to assist first responders in saving lives and mitigating suffering in response to a CBRNE incident. Ten (10) HRFs align with each FEMA region to allow for closer and more familiar contact with civilian responders. The National Guard forces also provide a greater responsiveness to local authorities due to their closer geographical locations. The Region 2 Homeland Response Force directly supports FEMA Region II states and territories, including New York, New Jersey, Puerto Rico and the U.S. Virgin Islands.

The HRF consists of approximately 570 soldiers and airmen of the National Guard with expertise in search and extraction of disaster victims, incident site security, decontamination, medical treatment, and command and control.

Office of Parks, Recreation and Historical Preservation

The NYS Office of Parks, Recreation and Historic Preservation (OPRHP) participated in various planning, and exercises during the past year. OPRHP staff also attended training activities including NIMS/ICS, Disaster LAN, COOP, and Catastrophic Disaster Planning and Response. OPRHP also maintains liaisons between DHSES, OEM and the TIG/ATIG.

OPRHP hosted several major events requiring multi-agency (and in one instance international coordination) planning and coordination:

May 2012: The Jones Beach Air Show included several aerial attractions including the Blue Angels, and attracted more than 500,000 spectators throughout the weekend.

June 2012: OPRHP hosted the Nik Wallenda high-wire walk across Niagara Falls, requiring planning and coordination with numerous DPC agencies as well as the U.S. Coast Guard, local emergency responders, and Niagara Falls Canada personnel.

June 2012: OPRHP hosted the Barclays Tour golf playoffs, which attracted more than 100,000 visitors.

OPRHP participated in multiple NYS OEM snow emergency activations, as well as NYSOEM exercises concerning nuclear power plant exercises. OPRHP maintained liaison with DHSES, NYSOEM, and the TIG/AIG concerning the activation and response for Hurricane Irene and Tropical Storm Lee. The ongoing recovery efforts continue in coordination with FEMA to address disaster impacts of the related storms.

Office for People With Developmental Disabilities

During 2012-2013, the NYS Office for People With Developmental Disabilities (OPWDD) expanded its emergency response capabilities in a variety of ways, including completion of an Emergency Management committee charter which requires the development of regional operational procedures focused on an all hazards response.

OPWDD developed a process for deployment of teams specializing in fire safety, security and maintenance to stabilize properties following damage from weather related or other disasters. These teams are designed to provide additional response capabilities for major events in which the staff of a region are unable to meet needs. As part of this process, OPWDD stocked emergency vehicles with emergency response equipment and repositioned these vehicles and other resources throughout the state to facilitate swifter emergency deployment.

In order to increase communication capabilities, OPWDD repurposed existing portable radios and is utilizing them on an available radio channel frequency assigned to the agency. In order to further these efforts, OPWDD is exploring asset management software to assist in tracking materials, training, personnel and other resources before and during emergency activations.

OPWDD worked to increase the number of individuals trained to staff the State EOC and use Disaster LAN, as well as the number of agency staff trained in NIMS/ICS.

OPWDD participated in REP exercises and drills, including federally evaluated exercises. OPWDD also conducted tabletop exercises in the Finger Lakes and Western New York district to test emergency response capabilities and increase staff awareness of evacuation procedures and relocation information.

In terms of response, OPWDD deployed emergency response teams in advance of Hurricane Sandy and Winter Storm Nemo. These teams worked in impacted areas to stabilize properties, ensure that critical health and safety needs were met, and assisted in local agency EOC operations.

During Hurricane Sandy, these teams assisted in the evacuation of over 240 individuals from the campus in Brooklyn to the Queens campus, and assisted programs with returning to properties in the community following the storm.

Port Authority of New York & New Jersey

On February 12, 2013 the Executive Staff of the Port Authority of New York and New Jersey (PANYNJ) participated in a Disaster Response Workshop. The workshop focused on an agency-wide disaster and the implications that such an event would have on PANYNJ and its core mission as an intermodal transportation provider, as well as effects and ramifications that decisions and actions of the Port Authority would have on the response to event or incident (e.g., support to enhance the response to the communities dealing with the emergency and policy decisions to respond and support a regional emergency).

This workshop was the first of a series of emergency and disaster orientations that focused on the development of executive roles and responsibilities. The emphasis is on supporting the response to the emergency and/or event, and to simultaneously provide management and control of PANYNJ during a disaster.

The Port Authority developed a series of full-scale exercises that involved planning and preparedness for both PANYNJ and its surrounding communities. These exercises were conducted at JFK International Airport, Bayonne Bridge and LaGuardia Airport, and involved a substantial event requiring a parallel response from emergency resource internal and external to PANYNJ. These joint exercises provided an opportunity to enhance planning, training capabilities and exercise development. These exercises were not reserved primarily for the traditional first responders such as police, fire and emergency medical, but were inclusive of social service organizations, private non-profit and the private sector.

Public Service Commission

During the past year, the NYS Public Service Commission (PSC) staff attended training activities including NIMS/ICS Train-the-Trainer courses, Disaster LAN, and COOP. The PSC maintains a current list of staff trained in Disaster LAN and trains new staff to fulfill this function regularly throughout the year. The Department of Public Service (DPS) Emergency Plan, updated annually, specifies required ICS training for the designated and alternate emergency manager, incident coordinators and first line supervisors.

PSC Staff participated in various emergency drills throughout the year, including federally evaluated nuclear power plant exercises. Last year, PSC staff were involved in a State observed exercise at Nine Mile Point and a FEMA evaluated exercise at Indian Point.

PSC staff worked with electric utilities in New York State to improve the way outages are reported. Before the improvements, the Electric Outage Reporting System (EORS) could receive outage reports

from electric utilities during major events only (up to five times per day). Utilities across the State now submit outage data daily – every half-hour – allowing the PSC to maintain situational awareness at all times.

PSC staff issued reports on Hurricane Irene, Tropical Storm Lee and the October 2011 snowstorm. PSC monitored utility implementation of its recommendations and reviewed electric utility storm plans.

In addition, the PSC supported monitoring of New York State in the restoration response for numerous emergency events including Superstorm Sandy. At the peak of restoration following Sandy, approximately 150 DPS staff worked in some capacity to support Superstorm Sandy recovery efforts, including 24 staff working in four field locations and 32 staff working various shifts at the State EOC and the New York City Regional Operations Center.

PSC staff at the State EOC reported on utility outage and restoration information, provided reports to other State agencies, and responded to inquiries submitted through Disaster LAN.

Department of State

Codes and Enforcement Division (DCEA)

As a result of Hurricane Irene and Tropical Storm Lee, the Department of State (DOS) Codes and Enforcement Division (DCEA) began development and implementation of the Post-Disaster Building Assessment Program (PDAP). After Superstorm Sandy, staff members and volunteer code enforcement officials were deployed to Long Island to conduct thousands of building evaluations.

Participants in the PDAP, including code enforcement and local officials obtained NIMS/ICS training through DOS. Resources necessary for the PBDA's function have been identified and are being secured, such as highly-durable, water-resistant laptop computers, and a web-based communication program. DCEA is working on a software/database system with real-time emergency deployment geographic information system capability. DCEA is an active member of the National Emergency Managers Association (NEMA) and the New York State Emergency Managers Association.

DCEA provided support to the Ready Commission in developing a series of recommendations intended to increase the resilience of buildings through stronger building codes and related support services. Additionally, recommendations and options were developed to strengthen local enforcement of the state building code and to utilize enforcement practices to collect critical data regarding building damage from natural disaster events. Finally, proposals were developed to promote building resilience through public awareness and education, and to encourage individual building owners to voluntarily increase the resilience of buildings.

Division of Community Services

The Department of State's Division of Community Services worked within the network of Community Action agencies to organize relief efforts in every county of New York State. Division staff worked with these agencies to organize warming shelters, meal distribution, and refer displaced New Yorkers to emergency shelters. These efforts were coordinated daily. In addition, the Division circulated a daily emergency relief resource page that became the impetus for the DOS Sandy relief website. In addition Department of Community Services staff responded to calls coming from the DOS emergency center's

call desk, correspondence coming from the Governor's office, and from New Yorkers calling the consumer protection line looking for assistance.

The Office for New American's immigrant specialists were deployed to sites throughout the disaster zones. Staff worked in Nassau County, Staten Island, Brooklyn, and Queens (including the Rockaways). At each site, staff helped FEMA coordinate emergency efforts with a focus on intake and referral and emergency placement. Immigrant specialists assisted the federal government with information that helped to identify and direct services more appropriately. The immigrant specialist were on call to assist at the Disaster Center at Lehman College in the Bronx and worked at Nassau Community College where they helped set up tents, were stationed in warming and feeding sites, and assisted the New York City Human Resources Administration (NYCHRA) with client emergency intervention services.

Community and Waterfronts

Immediately following Hurricane Irene and Tropical Storm Lee, DOS, in consultation with the other agencies that comprised the Governor's Upstate Storm Recovery Task Force, assembled storm recovery progress updates and reported those updates every two weeks to the Chair of the Upstate Storm Recovery Task Force. DOS provided technical and financial assistance to 18 upstate communities affected by Hurricane Lee and Tropical Storm Lee. In November 2012, DOS staff began compiling lists of experts and provided other services in anticipation of the Governor's announcement to form three commissions to guide the State's response to Superstorm Sandy focusing on making New York State more resilient to future storm events.

DOS also began coordination with the National Oceanic and Atmospheric Administration (NOAA) and FEMA to prepare planning maps that depicted the extreme, high, and moderate risk areas along the New York State shoreline. These maps included the risk from flooding, sea level rise, and storm surge. Staff is currently coordinating with FEMA and other federal agencies to revise the federal Recovery Support Strategy to ensure it is consistent with New York State's long-term community recovery directions and needs. Prior to March 2012, DOS staff began working on guidance for communities to aid them in preparing plans to become more resilient to coastal hazards, like sea level rise. When Superstorm Sandy struck, work on the guidance accelerated and staff completed the "Guidance for Community Reconstruction Zone Planning."

Division of Consumer Protection (DCP)

The Division of Consumer Protection (DCP) facilitated the handling of power restoration complaints against LIPA received through the Governor's Superstorm Sandy Hotline. DCP also collaborated with PSC to respond to utility complaints received from consumers throughout the State immediately following Superstorm Sandy. DCP also partnered with the Division of Community Services and its network of Community Action Agencies to disseminate emergency resources and shelter information to all LIPA customers and other downstate consumers who called the DCP hotline, as well as those who reached out through the Governor's Superstorm Sandy Hotline.

DCP successfully implemented the Governor's Call Center Consolidation Project as of December 2012. The NYS Department of Taxation and Finance now handles all Level 1 calls for DCP and will partner with them directly following any future disaster situation.

Division of Administrative Rules (DAR)

The Division of Administrative Rules (DAR) updated its Business Continuity Plan (BCP) with the Office of Information Security to include information needed in the event of a disaster. The Division developed and continues to update DOS's Superstorm Sandy Emergency Relief resource webpage.

Division of State Police

New York Division of State Police (NYSP) staff participated in various planning, training and exercise activities during the past year, and also attended training activities including National Incident Management System / Incident Command System (NIMS/ICS) courses.

NYSP staff participated in federally evaluated nuclear power plant exercises and exercises, including the July 24, 2012 State-evaluated Nine Mile Point nuclear power plant exercise, and exercises (Sept. 12, Sept. 27 and Oct. 2) for the Indian Point nuclear power plant.

NYSP members staffed the State EOC when activated in 2012 for weather-related events on 12 occasions – twice for wildfire events, once for a hazardous materials fire, once for a rock slide, during the Wallenda event in Niagara Falls, and on New Year's Eve.



Office of Temporary and Disability Assistance

The NYS Office of Temporary and Disability Assistance (OTDA) supported recovery efforts for Hurricanes Irene and Lee, as well as actively supporting the response and recovery to Superstorm Sandy during this report period. OTDA chairs the Human Services Committee of the DPC. OTDA remains chair as the Committee becomes the Human Services Branch under the direction of NYSOEM during an activation. The Human Service Branch is historically one of the first branches activated and is the last branch to stand down long into the recovery operations of a disaster. As chair of the Human Services Branch, OTDA must maintain a constant presence within NYSOEM.

OTDA staff supported human services functions and coordinating with FEMA for DRCs. In conjunction with its partner agency, OCFS, OTDA led the DRC Coordination Group that successfully opened 65 DRCs for Superstorm Sandy, of which nine remained operational after more than 20 weeks following the federal Individual Assistance declaration. OTDA anticipates these centers will have supported more than 175,000 visitors by the end of April 2013. Although nine less DRC's were opened during Sandy than were opened in response to Irene and Lee, the volume through DRCs was the highest ever seen in the State.

OTDA is also the lead agency for the Unmet Needs group. Beginning last year, FEMA introduced a new process to handle unmet needs through the federally-funded Disaster Case Management (DCM) program. OTDA served an integral role in the planning and development of the grant application for DCM programs for Hurricane Irene, Tropical Storm Lee and Superstorm Sandy. From March 1, 2012 through June 7, 2012, OTDA facilitated the implementation of Phase I of DCM for Irene and Lee in 34 affected counties, which required coordination with FEMA, U.S. Department of Health and Human Services – Administration for Children and Families (HHS/ACF), Catholic Charities USA, and the U.S. Public Health Service. Local District Social Services Commissioners also played a pivotal role in implementing DCM. DCM is currently housed and overseen by DHSES. OTDA continues to support the negotiation of contracts and grants as well as training for the managing agency. The Unmet Needs group continues to stand ready to support NYSOEM in the implementation of DCM.

OTDA also led the implementation of the following plans to the State CEMP, including the Human Services Annex, the Disaster Assistance Center Plan, and Unmet Needs plans. Additionally, OTDA participated on many other human services functional groups including Mass Care and Housing.

As Chair to the Human Services Committee of the DPC, OTDA routinely facilitates Human Services Committee meetings and Group Leader meetings involving more than 20 agencies, both governmental and voluntary sector. These meetings occur minimally on a monthly basis to ensure coordination with partner agencies and a constant state of readiness.

OTDA also works jointly with partner agencies on the Emergency Repatriation program, which involves an agreement with the federal government jointly signed by DHSES and OTDA.

OTDA is working with DHSES to implement work plans and utilize funding from the 2009 and 2010 Investment Justifications associated with the State Homeland Security Grant Program (SHSGP) in addition to planning efforts related to building and supplying the regional stockpiles with resources from the investments. OTDA also maintains a warehouse which is currently housing the Human Services Stockpile and supports central receiving and distribution of resources to support disaster operations.

OTDA reviewed and updated its agency CEMP and COOP.

OTDA participates in NYS Forum meetings, which discusses activities involving Business Continuity in the face of natural disaster or emergency.

OTDA staff routinely participates in NIMS training and exercise opportunities that are offered throughout the year and annually provide updates regarding agency compliance with NIMS. These exercises include REP, Pandemic Influenza, the Empire series of exercises, and any other local exercises. OTDA also maintains policies and procedures related to functions administered as part of its disaster preparedness, health, safety and security programs. Intranet sites are maintained to provide resources and safety tips to employees and OTDA actively participates in NY-ALERT for employee emergency notifications.

Thruway Authority

The 2012-2013 period was an active one for significant weather events, and the NYS Thruway Authority (NYSTA) played a significant role in providing assistance statewide. Response to these events included:

- Mobilized staff and equipment resources to assist in the response for Superstorm Sandy. NYSTA resources also played a vital role in the deployment of statewide assets to the affected area. NYSTA provided more than 130 staff for recovery efforts. Staff liaison presence was maintained at NYSOEM for the duration of the activation and additional staff were provided in direct support of NYSOEM operations.
- Deployed more than 75 pieces of snow removal equipment and 80 personnel to Long Island to expedite cleanup from Winter Storm Nemo. This deployment lasted six days.
- Provided staff in support of resource planning and State EOC activations for other severe weather events over the year, including severe thunderstorm events in July and September.



In addition to supporting activations of the State EOC, NYSTA implemented its internal Operations Directive, which requires activation of an internal EOC (statewide and regionally as warranted) when severe or widespread significant weather events are forecasted. These EOCs are staffed by trained NYSTA and NYSP management personnel. NYSTA continues to maintain a cadre of trained individuals to serve in incident management roles directly for NYSTA and as liaisons for the agency to staff the State EOC when activated.

NYSTA continued its close working relationships with key state agency partners at DOT and DHSES to closely coordinate response to events impacting our transportation infrastructure. In addition, NYSTA continued its partnering efforts with organizations such as Transcom in the NYC metro area and the Niagara International Transportation Technology Coalition (NITTEC) in Western NY. In cooperation with these partners, NYSTA:

- Conducted joint tabletop exercises with Transportation and Emergency Response partners in each of NYSTA's four divisions.
- Participated on MAC and TIB conference calls to conduct pre-event planning efforts.
- Met with municipal and other partners to develop response protocols and establish contacts and working relationships.

In support of our winter maintenance program and severe weather preparation efforts, NYSTA developed a close working relationship with NWS staff throughout the State. NYSTA met with NWS staff prior to the 2012-2013 winter season to familiarize their staff with NYSTA operations and discuss forecasting needs and appropriate communications protocol for staff.

Canal Corporation

Mohawk Dams: The New York State Canal Corporation (Corporation) submitted a Section 406 Hazard Mitigation Proposal (HMP) to FEMA under DR-4020/4031 (Hurricane Irene/Tropical Storm Lee) for improvements to components of eight movable dams in Montgomery and Schenectady counties. These improvements will allow the Corporation to proactively remove dam components, which act as an obstruction in the Mohawk River in advance of a forecasted high flow event, and provide substantial flood mitigation. The Corporation, with assistance from DHSES, continues to work with FEMA to secure approval and funding for this HMP, estimated at \$30 million.

Internal Procedures: As part of the Mohawk Dam improvement effort, the Corporation has instituted a new operating procedure to adequately prepare for extreme high flow events in Montgomery and Schenectady counties. Although the structural improvements are not yet complete, these new procedures were tested over an elongated timeframe during Superstorm Sandy and proved to be effective. The Corporation began development of internal guidance documents for Corporation staff who are Duty Officers on 24-hour call. These documents cover topics such as earthquakes, flooding, structural failures, environmental releases, vessel accidents, vessel recovery, law enforcement investigation activity, utility interruptions, and mechanical breakdowns, among others. These documents are expected to be issued in mid-2013.

Dam Safety: The Corporation participated in an Emergency Action Plan (EAP) exercise for the Conklingville Dam, which simulated emergency conditions at a dam facility and allowed the downstream participants to rehearse actions which would be implemented if an actual emergency occurred. The Corporation submitted an annual certification to DEC that indicates all DEC-regulated dams are in compliance with DEC regulations. Additionally, the Corporation prepared and submitted engineering assessments, performed safety inspections, and updated EAPs for five DEC-regulated High-Hazard (Class C) dams. The Corporation performed structural inspections of 24 dams to identify possible deficiencies and necessary corrective actions. Additionally, the Corporation began reviewing and modifying inspection criteria to ensure all public safety related components are adequately inspected. The revised criteria will be issued in 2013.

Earthquake Response: Corporation staff, working with staff from NYSTA, began development of an earthquake response application to more quickly respond to potential impacts from earthquakes. This application was developed based on guidance from DOT regarding post-earthquake structural inspection recommendations for bridges and other structures. This application is expected to be implemented in early 2013.

Flood Mitigation: The Corporation submitted a request for Superstorm Sandy mitigation funding to develop Flood Warning Systems (FWS) for the Upper Hudson River, Mohawk River and Oswego River Basins. These FWS would lower the risk to flood prone communities by enabling the State, emergency managers and the public to view and understand the extent of forecasted flood conditions. Additionally, the ability of communities to prepare and protect lives, private property and critical public infrastructure can result in as much as a 30% reduction in damages. These FWS will consist of a series of networked stream and precipitation gages, enhancing flood forecast capabilities by NWS and the creation of basin-specific models to utilize this information to determine the timing and magnitude of flooding throughout the basins with flood inundation mapping to illustrate where flooding is forecast to occur. These FWS would be implemented by the Corporation in partnerships with appropriate local, State and federal agencies. The system will include a mechanism for disseminating information through various media on a real-time basis, providing advanced flood warning for 25 of New York State's most flood-prone counties with a population in excess of 2.6 million people in these basins.

Training: Selected Corporation staff attended various NIMS training courses and Owner's Dam Safety Training hosted by the Federal Energy Regulatory Commission's New York Regional Office.

Department of Transportation

The NYS Department of Transportation (DOT) established procedures and guidelines for agency staff to be trained in NIMS/ICS to ensure that DOT is NIMS-compliant. DOT identified agency staff to report to the State EOC in the event of an emergency, as well ICS structures in all 11 regions to support DOT response activities. Staff in those positions are required to complete the required ICS/NIMS training.

DOT participated in the following REP exercises and planning activities:

- Participated in nuclear power plant meetings, exercises and drills, including the federally-evaluated Indian Point nuclear power plant exercise, quarterly Nuclear Safety Sub-Committee Power Pool Meetings, Council of State Government National Security Administration Training Work Group.
- Worked with NYSOEM to organize PMC training at DOT's Maplevue facility in Syracuse

DOT also participated in the presentations and training at the State EOC:

- NWS Spring and Summer Risks
- 2012 Hurricane Season Brief
- "Northern Lights" exercise
- Agency Executive training
- Disaster LAN



DOT is the chair of the Transportation Infrastructure Branch (TIB), which is defined in the Transportation Infrastructure Branch Annex to the State CEMP. The Branch was activated at the State EOC throughout Superstorm Sandy to provide its mission as laid out in the TIB Annex. During State EOC activations, DOT agency representatives compiled agency reports and provided situational awareness.

During Superstorm Sandy, DOT provided agency representation at the State EOC and staffed the TIB – these individuals worked with other agencies and NYSOEM to coordinate federal, State and local assistance to open roads, and clear and inspect infrastructure to restore travel on State and local roads. Staff around the state reported to county EOCs activated for this event. DOT responded with maintenance staff to clear and open roads, as well as let debris contracts to have contractors come in and clear debris that was beyond DOT's capabilities. DOT provided logistical support to NYSOEM from October 28 through December 7 to mobilize and demobilize equipment that was used during the event. DOT also worked with towns and counties on administration of the Federal Highway Administration Emergency Relief program that provided reimbursement on federal aid roads damaged by the event.

During Winter Storm Nemo (Feb. 8), DOT provided agency representation to the State EOC. DOT provided representatives to activated county EOCs and responded by clearing the State system. Along with NYSTA, DOT worked with towns and counties to provide requested assistance.

DOT also continued to provide logistical and mechanical support to State OEM to move assets and service stockpile equipment as needed.

Office of Victim Services

The NYS Office of Victim Services (OVS) participated in various training activities, including Disaster LAN and COOP. OVS has seen some turnover in staff assigned to NYSOEM and continues to evaluate appropriate staffing levels for various disaster scenarios.

As OVS is not an infrastructure agency, its role in any State EOC activation is generally limited to offering staffing support as requested. OVS offered staffing for the Superstorm Sandy response in the fall of 2012, but was not required to send staff. OVS's role in any activation would be as a result of a terror attack or mass casualty event that is not related to a natural disaster.

OVS is beginning to look at an overall continuity of operations and mass casualty response unit structure. OVS has a network of Victim Assistance Programs (VAPs) that provide direct services to victims of crime that it services. This network performs nearly all of its direct services to the victims of crime that the agency interacts with and it maintains a close working relationship with these programs.

American Red Cross

The American Red Cross (ARC) participated in numerous preparedness initiatives throughout the fiscal year. The partnership with NYSOEM in the Citizen Preparedness Program ended in August, one month after the contract expired. Through the life cycle of this program, all grant requirements were either met or exceeded. ARC continues with its preparedness mission to help ensure that New York State is a more disaster-resilient community.

Two AmeriCorps programs, one newly instituted and another renewed, help build capability and capacity for the organization and provide preparedness information to the communities of New York State.

More than six paid staff and volunteers participated in State EOC and Disaster LAN Training.

ARC participated in the June Executive Hurricane Exercise, followed by the Northern Lights State EOC exercise in August 2012 supporting the Human Services Branch with sheltering co-leads and staffing the agency desk.

ARC staff participated in both the State and federal REP exercises for Indian Point in September and October 2012.

ARC participated in Human Services Leadership and Steering Committee meetings throughout the year.



As a co-lead with DOH, ARC continues to work with State partner agencies in an effort to rewriting the state sheltering and feeding plan into one mass care plan.

ARC is incorporating restructuring that had taken place during this time period in to the rewriting of its State plan. This was to include the new State Disaster Coordinating Team instituted on July 1, 2012. The purpose of this team is to build capacity from the local Chapter right on up to the state level of ARC and provide short-time leadership in major responses.

ARC was requested to report to the State EOC for eight activations for the fiscal year. Three activations were for severe weather and three were for winter storms. One activation in April 2012 was for the wildfires that erupted in the lower Hudson valley and Long Island. ARC supported both the Human Services' sheltering group and its agency desk during the Feb 8, 2013 snowstorm.

ARC has switched from response to recovery for Sandy. ARC provided more than 11,000,000 meals and snacks, 5,000,000 recovery items, 29,000 overnight stays in 147 shelters, and 10,500 workers. ARC will work one-on-one with those impacted by Sandy and collaborate with other organizations in the recovery to Sandy.

ACRONYMS

ARC	American Red Cross
BCP	Business Continuity Plan
CBRNE	Chemical, Biological, Radiological, Nuclear and Explosives
CCP	NYS Citizen Corps Program OR Crisis Counseling Program
CEMP	Comprehensive Emergency Management Plan
CERT	Community Emergency Response Team OR Correction Emergency Response Team (DOCCS)
CI/KR	Critical Infrastructure and Key Resources (CEMP functional branch)
CIRIS	Critical Infrastructure Response Information System
CMP	Crisis Management Plan
COML	Communication Leader (exercise)
COOP	Continuity of Operations Plan
CPAT	Candidate Physical Ability Test
DART	Damage Assessment Response Team
DCM	Disaster Case Management program
DDC	Downstate Distribution Center (OGS)
DPC	NYS Disaster Preparedness Commission
DPU	Disaster Preparedness Unit (DOH)
DRC	Disaster Recovery Center
EAP	Emergency Action Plan
EAS	Emergency Alert System
EMAC	Emergency Management Assistance Compact
EMAP	Emergency Management Accreditation Program
EMS	Emergency Medical Services
EOC	Emergency Operations Center
EORS	Electric Outage Reporting System (PSC)
ESR	Executive Situation Report
FAA	Federal Aviation Administration
FAST	Firefighter Assist and Search Team

FDNY	Fire Department of New York (City)
FEMA	Federal Emergency Management Agency
GIS	Geographic Information Systems
HMGP	Hazard Mitigation Grant Program
HMP	Hazards Mitigation Proposal
HRF	Homeland Response Force (National Guard Bureau)
HSEEP	Homeland Security Exercise and Evaluation Program
IMAT	Incident Management Assistance Team (federal)
ICS	Incident Command System
IMT	Incident Management Team (state)
IND	Improvised Nuclear Device
IT	Information Technology
JFO	Joint Field Office (state/federal/local)
LASER	Law (Enforcement) Active Shooter Emergency Response
LIPA	Long Island Power Authority
LIRR	Long Island Rail Road
LOI	Letter of Intent (hazard mitigation program)
MCI	Mass Casualty Incident
MFI	Municipal Fire Instructor
MTO	Municipal Training Officer
NCSP	National Center for Security and Preparedness
NFIP	National Flood Insurance Program
NIMO	National Incident Management Organization
NIMS	National Incident Management System
NLE	National Level Exercise
NOAA	National Oceanic and Atmospheric Administration
NRC	Nuclear Regulatory Commission
NWS	National Weather Service
NYCDEP	New York City Department of Environmental Protection
NYCHRA	New York City Human Resources Administration
NYCT	New York City Transit
NYTF	New York Task Force

PIO	Public Information Officer
PRD	Personal Radiation Detector
RACES	Radio Amateur Civil Emergency Service
RCGP	Regional Catastrophic Planning Grant program
REACT	Rescue Entry and Counter Terrorism Team
REP	Radiological Emergency Preparedness program
RFFT	Recruit Firefighter Training program
SBA	Small Business Administration
SHSGP	State Homeland Security Grant Program
SLMS	Statewide Learning Management System
SPTC	NY State Preparedness Training Center
SSG	Scientific Support Group
STEP	Sheltering and Temporary Essential Power program
STR	Strategic Technology Reserve (communications vehicle)
TEEX	Texas Engineering Extension Service
THC	The Nature Conservancy
THIRA	Threat and Hazard Identification and Risk Assessment
T-t-T	Train-the-Trainer
USDA	U.S. Department of Agriculture
VBIED	Vehicle-Borne Improvised Explosive Device
WMD	Weapon(s) of Mass Destruction

New York State Agencies

Ag&Mkts	Department of Agriculture and Markets
DCJS	Division of Criminal Justice Services
DEC	Department of Environmental Conservation
DFS	Department of Financial Services
DHSES	Division of Homeland Security and Emergency Services
DMNA	Division of Military and Naval Affairs
DOCCS	Department of Corrections and Community Supervision
DOH	Department of Health
DOL	Department of Labor

DOS	Department of State
	DAR – Division of Administrative Rules
	DCEA – Codes and Enforcement Division
	DCP – Division of Consumer Protection
DOT	Department of Transportation
DPS	Department of Public Service
ESD	Empire State Development
GOER	Governor’s Office of Employee Relations
HCR	Division of Homes and Community Renewal
ITS	Office of Information Technology Services
MTA	Metropolitan Transportation Authority
NYSERDA	Energy Research and Development Authority
NYSOEM	Office of Emergency Management
NYSED	Education Department
NYSP	Division of State Police
NYSTA	Thruway Authority
OCT	Office of Counter Terrorism
OCFS	Office of Children and Family Services
OCS	Office of Cyber Security
OFPC	Office of Fire Prevention and Control
OGS	Office of General Services
OIEC	Office of Interoperable and Emergency Communications
OMH	Office of Mental Health
OPRHP	Office of Parks, Recreation and Historic Preservation
OPWDD	Office for People With Developmental Disabilities
OTDA	Office of Temporary and Disability Assistance
OVS	Office of Victim Services
PANYNJ	Port Authority of New York and New Jersey
PSC	Public Service Commission
SUNY	State University of New York

Radiological Emergency Preparedness Program

EAL	Emergency Action Level (REP program-related)
EPZ	Emergency Planning Zone (REP program-related)
HAB	Hostile Action-Based exercise (REP program-related)
PMC	Personnel Monitoring Center (REP program-related)