

New York State  
Disaster Preparedness Commission

# 2013 Annual Report

Prepared by the

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

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Andrew M. Cuomo  
Governor

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# TABLE OF CONTENTS

- INTRODUCTION..... 1
  
- OVERVIEW..... 2
  
- HIGHLIGHTS OF ACTIVITIES..... 3
  - February 8–9: Winter Storm “Nemo” ..... 3
  - June-July: Severe Weather / Repetitive Storms ..... 6
  
- PROGRAM STATUS..... 12
  - Grant Administration ..... 12
  - Operations ..... 13
  - Incident Management Team Program..... 18
  - Logistics..... 20
  - Planning ..... 22
  - Regional Planning Support..... 25
  - Radiological Emergency Preparedness Program ..... 30
  - Mitigation..... 31
  - Training & Exercises ..... 33
    - New York State Office of Emergency Management ..... 33
    - New York State Preparedness Training Center..... 35
    - New York State Office of Fire Prevention and Control ..... 47
  - Public Affairs ..... 76

STATE AGENCY REPORTS.....	79
Office for the Aging.....	79
Department of Agriculture and Markets.....	80
Office of Children and Family Services.....	82
Department of Corrections and Community Supervision.....	84
Division of Criminal Justice Services.....	84
Education Department.....	85
Empire State Development.....	85
Energy Research and Development Authority.....	86
Department of Environmental Conservation.....	88
Department of Financial Services.....	90
Office of Fire Prevention and Control.....	92
Office of General Services.....	93
Department of Health.....	96
Homes and Community Renewal.....	97
Office of Information Technology Services.....	98
Office of Interoperable and Emergency Communications.....	98
Department of Labor.....	100
Office of Mental Health.....	100
Metropolitan Transportation Authority.....	101
Division of Military and Naval Affairs.....	104
Office of Parks, Recreation and Historical Preservation.....	107
Office for People With Developmental Disabilities.....	107
Port Authority of New York and New Jersey.....	108
Public Service Commission.....	109
Department of State.....	110
Division of State Police.....	112
Office of Temporary and Disability Assistance.....	113
Thruway Authority.....	115
Department of Transportation.....	118
Office of Victim Services.....	119
American Red Cross.....	120
ACRONYMS.....	121

## INTRODUCTION

The New York State Disaster Preparedness Commission (DPC) is comprised of the commissioners, directors or chairpersons of 29 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:

Office For the Aging	Homes and Community Renewal
Department of Agriculture and Markets	Office of Information Technology Services
American Red Cross	Department of Labor
Office of Children and Family Services	Office of Mental Health
Department of Corrections and Community Supervision	Metropolitan Transportation Authority
Division of Criminal Justice Services	Division of Military and Naval Affairs
Education Department	Office of Parks, Recreation and Historic Preservation
Empire State Development	Office for People with Developmental Disabilities
Energy Research and Development Corporation	Port Authority of New York and New Jersey
Department of Environmental Conservation	Public Service Commission
Department of Financial Services	Department of State
Office of Fire Prevention and Control	Division of State Police
Office of General Services	Thruway Authority
Department of Health	Department of Transportation
Division of Homeland Security and Emergency Services	Office of Victim Services

## OVERVIEW

For the third consecutive year, New York State in 2013 experienced severe natural disasters that on several occasions required the activation of the State Emergency Operations Center (State EOC) and the mobilization of DPC member agencies.

And while these events may not have been as extensively disruptive and damaging as previous natural disasters like Hurricane Irene and Tropical Storm Lee in 2011 or Superstorm Sandy in 2012, these storms nevertheless required the utilization of State assets and the deployment of State personnel to the affected areas.

As Governor Andrew M. Cuomo has stated many times, we now live in a time where recurring severe weather events have essentially created a “new normal.” As a result, the member agencies of the DPC met on five separate occasions during 2013 to discuss various aspects of the State’s preparedness, response, and recovery activities.

Member agency representatives were briefed on a broad range of preparedness issues, including Governor Cuomo’s launch of the first-ever statewide Emergency Management Certification and Training Program, which was unveiled on October 28 at the Governor’s Conference on Emergency Preparedness. In addition, DPC briefing meetings included updates on the DHSES Office of Emergency and Management’s planning and preparedness activities, a review of ongoing training programs at the NYS Preparedness Training Center, a report by the State Fire Administrator on Federal Hazardous Materials Reporting activity, and the development of NYS Homeland Security Strategy, which was just recently published by DHSES.

The DPC member agency representatives also participated in a detailed disaster exercise, which presented DPC members with a hypothetical disaster scenario and then engaged them in the various aspects of response and recovery actions necessary for such an event. There will be similar training activities scheduled this year for the member agencies.

At the core of Governor Cuomo’s comprehensive strategy for preparing and responding effectively and efficiently to catastrophic events is the essential need for better training, planning and coordination. The DPC plays an important role in this process by ensuring that all member state agencies are kept up-to-date on all relevant disaster preparedness and response activities, while strengthening intra-agency coordination and cooperation during an emergency. The DPC will continue to fulfill Governor Cuomo’s mandate that our coordinated emergency preparedness and response efforts are geared to protecting the safety of all New Yorkers.

## HIGHLIGHTS OF ACTIVITIES

### February 8–9: Winter Storm “Nemo”

From February 8-9, Winter Storm “Nemo,” the first winter storm named by the National Weather Service (NWS) to impact New York State, brought significant snow and wind to the metro-New York City and Long Island areas, and parts of the Hudson Valley. In the storm’s wake, snowfall totals for upstate New York ranged from 7-15 inches; and totals across New York City and Long Island ranged from 12-30 inches, with the largest snowfall totals reported in Suffolk County. At the height of the storm, there were approximately 17,500 power outages reported, most by the Long Island Power Authority (LIPA).

There were two fatalities attributed to the storm by local and State law enforcement, which were reported on February 8. Town of Poughkeepsie Police reported that a pedestrian was struck by a snow removal vehicle while walking on a sidewalk. New York State Police (NYSP) in Livingston reported that a person was crushed when his tractor rolled on top of him as he attempted to plow his residential driveway.

#### *State Response Assets*

As part of one of the largest mobilizations to respond to a winter weather event in the State’s history, more than one-third of the State’s snow removal assets – approximately 675 pieces of snow removal equipment and 975 personnel – were deployed to Suffolk County to augment local recovery efforts and clear roads ahead of Monday morning’s rush hour. Additional resources were redeployed from around the State as local snow removal efforts were completed, including 800 line workers deployed to restore power, and equipment such as snow blowers, loaders, graders, trailers, backhoes, and tow trucks.



Vehicles stranded in heavy snow on Route 25 in Lake Grove, Suffolk County on February 9, 2013 (Source: Associated Press)

The New York National Guard mobilized 100 Soldiers and Airmen, and 37 vehicles in New York City, Long Island, and Central New York (Oriskany) to support missions tasked from NYS Division of Homeland Security and Emergency Services (DHSES) – Office of Emergency Management

(NYSOEM) and to provide support to emergency responders assisting stranded motorists on Long Island.

Other resources deployed to New York City and Long Island included Division of Military and Naval Affairs (DMNA) Humvees, snowmobiles and high-axle vehicles, NYSP vehicles and All-Terrain Vehicles (ATVs), Department of Environmental Conservation (DEC) personnel, Office of Fire Prevention and Control (OFPC) fire trailers, Office of Interoperable and Emergency Communication's (OIEC) Strategic Technology Reserve (STR) vehicle, and the State Insurance Command Van.

Under Governor Andrew M. Cuomo's direction, New York State also provided support and deployed snow plows, front end loaders, and utility crews to hardest-hit areas of the nearby states of Massachusetts and Connecticut.

### *State and Local Response Activities*

On Thursday, February 7, Governor Cuomo activated the State Emergency Operations Center (State EOC) in Albany to monitor the storm and coordinate State response efforts. State agencies represented at the State EOC included NYSOEM, DEC, DMNA, OFPC, NYSP, Department of Health (DOH), Office of General Services (OGS), Public Service Commission (PSC), National Grid, Thruway Authority, Department of Transportation (DOT), and the American Red Cross. New York City, and Nassau and Suffolk counties activated their EOCs on Friday, February 8.



I-87 NYS Thruway in Westchester County on February 8, 2013 (Source: Thruway Authority)

On Friday, February 8, Governor Cuomo declared a State of Emergency for 12 counties: Bronx, Dutchess, Kings, Nassau, New York, Orange, Putnam, Queens, Richmond, Rockland, Suffolk and Westchester. The Governor's State of Emergency declaration allowed for mobilization of State resources to local governments and allowed the Governor to suspend laws and regulations that might impede rapid response.

In Suffolk County, up to 150 vehicles were stuck on County Road 83 on Friday evening due to heavy snow and wind – approximately 115 people were rescued from vehicles and sheltered at the Brookhaven Town Hall and the Seldon Fire Department. Ten people refused to leave their vehicles, and three others were transported to a local hospital with cold-related injuries. On Route 112 near Port Jefferson Station, there were an additional 40-50 stranded vehicles whose drivers were also rescued.

From Friday afternoon to Saturday morning, Interstate 84 from the Pennsylvania state line to the Connecticut state line was closed to commercial truck traffic due to winter weather

conditions – all commercial vehicles, including large trucks, tractors, tractor trailers and buses, were not permitted on the 70-mile stretch of highway. In addition, a 35-mph speed limit was put into effect on the Tappan Zee, George Washington, Goethals, Bayonne, and Outerbridge Crossing bridges.

On Friday night, due to the accelerating severity of the storm and heavy snowfall predictions, Metro-North Railroad suspended train service on the Hudson, Harlem and New Haven Lines at 10 p.m. to reduce the likelihood of stranding trains and to begin snow-clearing operations. At approximately 9 p.m., Metropolitan Transportation Authority (MTA) Long Island Rail Road (LIRR) suspended service on the Montauk Branch east of Speonk due to snow accumulation and visibility issues. Grand Central Terminal closed after the last trains arrived at approximately midnight. Most rail travel in the State resumed normal or modified schedules by Saturday morning.



Metro-North Train: February 2013 (Source: MTA / CBS NY)

During the storm, an apartment fire reported in Hempstead resulted in the evacuation of approximately 200 residents who were transported to an American Red Cross shelter in Kennedy Park, Hempstead Village. In addition, the Office for People with Developmental Disabilities (OPWDD) evacuated a housing facility in Mount Kisco, Westchester County as a precautionary measure – residents returned to the facility once roads were cleared.

All airports remained open throughout the storm. The Port Authority of New York and New Jersey (PANYNJ) deployed extra personnel to all of its airports during overnight hours, and snow teams continuously plowed and removed snow from runways and taxiways throughout the night and morning hours in order to enable flight operations to resume as early as possible. Crews also applied anti-icing chemicals to runways and taxiways to keep them free of ice. Airport personnel prepared cots, blankets and other essentials to assist customers who might become stranded.

### *Post-Storm*

On Monday morning, Governor Cuomo announced that all lanes of the Long Island Expressway were opened, and that all service roads and ramps were open and passable. All other New York State highways on Long Island were also open and passable, but the Governor urged motorists to exercise caution as snow and ice were likely to cover roadways in some areas as road clearing efforts continued.

On April 23, the U.S. Federal Emergency Management Agency (FEMA) declared one county – Suffolk – eligible for Public Assistance (categories A through G) and Hazard Mitigation Grant Program (HMGP) funding. As of November, there were 81 requests for Public Assistance funding, with 79 requests identified as eligible, and there were 140 projected Project Worksheets, with 107 obligated for funding. The federal share obligated as of November was approximately \$9 million.

### **June-July: Severe Weather / Repetitive Storms**

From June 26 to July 10, heavy rainfall and thunderstorms resulted in repetitive and extremely destructive flooding across many parts of eastern and central New York State. The event began on June 26, when a system of repetitive and organized showers and thunderstorms made its way across the State.

Peak power outages from the late June storms numbered approximately 12,800 customers across the State. Several, local States of Emergency and Boil Water Advisories were declared or issued throughout the event, and several evacuations were conducted in various areas (e.g., apartments, trailer parks, etc.) affected by heavy rain, flooding and disruptive power outages. Numerous roads, bridges and canals were closed and/or damaged as a result of the heavy rain and flooding.



Homes, streets and vehicles impacted by floodwaters on Prospect Street in Herkimer on June 28, 2013 (Source: Indian Country Today)

#### *Weather Summary* (provided by NWS Albany)

In June, multiple rounds of heavy rain fell across the area, with flash flood warnings issued on the June 2, 13-14, 23-24 and 28 for varying locations. Flash flooding from June 13-14 led to generally minor river flooding in the Housatonic River Basin, as well as isolated minor flooding in the Hudson-Mohawk River Basin. Due to extremely wet conditions from multiple rainfall events through the month, flooding on June 28 was catastrophic in the western Mohawk River basin, especially in southern Herkimer and western Montgomery counties. Rainfall for the month through June 27 totaled between six and nine inches in this area, and rainfall overnight from June 27-28 added another three to five inches to that total. This catastrophic flash flooding resulted in NWS Albany issuing a Flash Flood Emergency due to multiple water rescues and evacuations taking place during the peak of flooding.

In July, multiple rounds of heavy rain fell across the area, with flash flood warnings issued on July 1-3, 5, 7-9, 20 and 23 for varying locations. Heavy rain in the evening of July 1 led to minor-to-moderate river flooding in the western Mohawk Valley, as well as isolated minor flooding on Wappinger's Creek near Wappinger's Falls. A second round of heavy rain moved through the

western Mohawk Valley late afternoon on July 2, leading to secondary rises, some back to minor flood stage. This was part of a larger pattern of frequent and repeated heavy rain that began in June and diminished after July 9, with another short episode towards the end of July that affected the western Mohawk Valley frequently. Rainfall amounts were split across the affected areas between above- and below-normal due to the isolated nature of most of the heavy rain.

Through the first third of July, a different, isolated location saw flash flooding approximately every other day:

- July 3: Saratoga Springs (Saratoga County)
- July 5: Hudson Falls and Greenwich (Washington County)
- July 7: Taghkanik (Columbia County)
- July 8: Little Falls (Herkimer County)
- July 9: Albany, Westmere and Colonie (Albany County)

### *Major Issues*

In Herkimer County (June 28), the Village of Mohawk declared a State of Emergency due to loss of power when the village-owned substation was inundated with ten feet of water and public water was declared not potable due to the ultraviolet system being damaged. A 12-block area was evacuated, including a senior assisted-living center. Power was restored to the village on Monday, July 1.



Aerial view of City of Oneida neighborhood flooded along the Mohawk River on June 28, 2013 (Source: Governor's Office)

In Madison County (June 28), the City of Oneida's wastewater treatment plant was inundated with water and shut down. Approximately 300 individuals were evacuated from various neighborhoods in the city where flooding occurred, and a Water Conservation Advisory was issued to help reduce waste water flows and prevent sewage backups in low-lying areas.

In Schoharie County (June 30), a beaver dam of unknown size broke. Despite varying initial reports, assessments indicated that the beaver dam had broken

on the far upstream reach of the West Branch of the Delaware River, and the majority of the water from the beaver dam was captured by the Stamford Reservoir.

In Montgomery County (July 1), Abbott and Reid Streets in the Village of Fort Plain were reported to be blocked with debris and approximately 2,500 feet of road was washed away, which resulted in loss of access to twelve (12) residential homes. In the Village of Canajoharie,

representatives from NYSOEM, DSP, OFPC, DEC, and Thruway Authority coordinated removal of a house trailer that was stuck in Lock 14.

In Washington County (July 11), a beaver dam of unknown size broke on Foster Brook, causing minor flood damage, including basement flooding in multiple residences in Huletts Landing. According to media reports, no injuries or structural damage occurred.

### *State Response Activities*

On June 28, Governor Cuomo activated the State EOC with the following agencies represented: NYSOEM, DEC, DMNA, DOH, DOT, OFPC, OGS, OPWDD, NYSP, Thruway Authority, Office For the Aging (OFA), Department of Agriculture and Markets (DAM), Department of Corrections and Community Supervision (DOCCS), Office of Counter Terrorism (OCT), Office of Parks, Recreation and Historic Preservation (OPRHP), Office of Temporary and Disability Assistance (OTDA), the American Red Cross, and the Salvation Army.

Later that day, the Governor declared a State Disaster Emergency for the counties of Broome, Chenango, Clinton, Delaware, Essex, Franklin, Herkimer, Madison, Montgomery, Oneida, Otsego, Schoharie, St. Lawrence, Tioga and Warren.

On July 2, Governor Cuomo announced that DEC issued an Emergency Declaration to authorize immediate work in 23 counties impacted by heavy rains and flooding due to severe storms. The emergency declaration allowed DEC to authorize emergency projects and issue general permits, allowing for emergency repairs to address damage to homes, property and structures, and public infrastructure, including debris removal, and stream, road and bridge stabilization projects. Affected counties included Broome, Chenango, Clinton, Delaware, Essex, Franklin, Herkimer, Madison, Montgomery, Oneida, Otsego, Tioga, Schoharie, St. Lawrence, Niagara and Warren, and potentially Ulster, Sullivan, Dutchess, Orange, Putnam, Rockland and Westchester.

Also on July 2, the Governor activated the New York State Flood Helpline to aid residents affected by widespread flooding across areas of the State. The Helpline provided various types of assistance to New Yorkers, including local contact information for the American Red Cross and Salvation Army, health and safety tips, where to go to receive a tetanus shot, what to do in case of an oil spill or power outage, mental health assistance, and for other recovery needs.

### *State and Local Response Assets*

DMNA deployed 250 National Guard members to help residents and businesses impacted by heavy rains and flood damage in the Mohawk Valley region. Guard members, including dozens of engineers, assisted local villages with removal, debris clearance and light road repair using 27 pieces of heavy equipment including excavators, dump trucks and bulldozers. Thirty five (35) Military Police (MP) Soldiers and Humvee vehicles assisted local police forces with security and presence patrols. The National Guard also provided 50 soldiers to Herkimer County to support local first responders, e.g., food and water distribution operations. High axle vehicles and personnel were also provided in various counties to conduct welfare checks.



Staff Sgt. Bryan Starkweather, New York Army National Guard's 827th Engineer Company, uses a bulldozer to remove flood debris from Fords Creek on July 3, 2013 (Source: U.S. Army)

NYSP aviation conducted aerial reconnaissance via airboat and SCUBA teams, particularly in Fort Plain (Montgomery County). NYSP provided helicopters to assist in performing damage assessments in various locations, and provided personnel to support Madison and Oneida counties' law enforcement regarding security in previously evacuated areas.

NYSP and DEC provided K-9 units, aviation units, and personnel to support the search for a missing individual in Fort Plain, Montgomery County.

DOT provided 292 staff and approximately 300 pieces of equipment in the Mohawk Valley to assist with reopening roads and bridges. DOT also assisted with assessments and repairs on more than 50 roads, bridges and culverts for municipalities in Herkimer County.

Thruway Authority assisted Montgomery County (Village of Fort Plain, Town of Frankfort) with more than 20 pieces of heavy equipment (dump trucks, backhoes, bulldozers, several smaller resources (jersey barriers, traffic cones), and approximately 10 employees to operate equipment and provide other support.

OFPC's Disaster Assistance Response Team (DART) performed damage assessments of approximately 1,300 structures in Herkimer and Madison counties. Storm Emergency Field Units (SEFU) assisted local fire departments with water and tree removal, including 35 SEFUs assigned to Herkimer County.

OPWDD reported that 15 programs were evacuated and 25 staff members were relocated throughout the heavy rain event. OPWDD worked with impacted districts to assess damage to residential locations and identify alternate locations for day programs.



New York National Guard engineers assist with debris removal and widening the Otsquago Creek in Fort Plain on July 5, 2013 (Source: U.S. Army)

On June 11, NYS Canal Corporation closed the Erie Canal from Lock E-6 (Crescent) to Lock E-19 (Frankfort) due to high water and excessive current associated with heavy rainfall. By June 13, the Erie Canal between Lock E-6 (Waterford) and Lock E-25 (May's Point), and the Champlain Canal from Lock C-1 to Lock C-7 were closed due to high water. The canal reopened to all traffic on July 17. NYS Canal Corporation provided 5-10 personnel to complete damage assessments and 20-30 personnel to support canal maintenance.

Onondaga County provided TdAp (Tetanus, Diphtheria and Pertussis) vaccine doses to Montgomery (Village of Fonda) and Fulton counties, and Jefferson County provided TdAp vaccine doses to Herkimer County.

DOCCS provided 8-10 personnel to assist with debris removal in Elizabethtown (Essex County).

American Red Cross, Salvation Army and DOCCS conducted feeding operations (approx. 2,000 meals daily) to local residents and responders in various impacted areas.

Salvation Army assisted the Herkimer Health Department in providing hepatitis and tetanus shots to individuals conducting "muck-out" operations, and provided more than 500 cleanup kits to Herkimer County.

American Red Cross operated several shelters throughout the event, particularly in Oneida, Montgomery and Madison counties that sheltered approximately 60 displaced residents.

NYS Department of Financial Services (DFS) deployed its Mobile Command Center to various counties in the Mohawk Valley and Central New York, including Herkimer, Montgomery and Madison, to help homeowners and businesses affected by heavy rains and flood damage.

OIEC deployed two STR vehicles and support trucks, and four radio engineers to Herkimer and Montgomery (Village of Canajoharie) counties.



DHSES/OIEC Strategic Technology Reserve (STR) communications vehicle deployed to Herkimer County during June-July severe weather event (Source: DHSES)

### *Post-Storms*

On July 12, Governor Cuomo announced that the State's request for federal Public Assistance aid to flood affected counties was approved for 12 counties: Allegany, Chenango, Cortland, Delaware, Franklin, Herkimer, Madison, Montgomery, Niagara, Oneida, Otsego, and Warren. Preliminary damage assessments (PDAs) by FEMA, State and local emergency management personnel working collaboratively in the affected counties demonstrated that damage to public infrastructure had exceeded \$32.7 million, well above the State's \$26.7 million per capita threshold.

Two days after FEMA denied the State's request for Individual Assistance for those affected by the floods, Governor Cuomo on July 17 launched the \$16 million Mohawk Valley and 2013 Upstate Flood Recovery Program to assist homeowners, small businesses and farms in areas of the State hardest hit by the flooding. The NYS Flood Recovery Program was intended to provide immediate recovery assistance to victims of the floods and to address gaps in coverage for impacted homeowners, business owners and farmers in Herkimer, Madison, Montgomery, Niagara and Oneida Counties.

On August 2, the Small Business Administration (SBA) announced that New York residents and businesses affected by severe storms and flooding between June 26 and July 5 could apply for low-interest disaster loans. Eligible counties included Herkimer, Madison, Montgomery and Oneida, as well as adjacent counties of Chenango, Cortland, Fulton, Hamilton, Lewis, Onondaga, Oswego, Otsego, Saint Lawrence, Saratoga, Schenectady and Schoharie.

## PROGRAM STATUS

As the operational arm of the DPC, the NYS Office of Emergency Management (NYSOEM) provides the State’s emergency management programs, which include all aspects of the phases of emergency management (preparedness, response and recovery). Various efforts are ongoing to continue the development of State and local disaster plans, ongoing recovery and mitigation efforts, and more routine operational response efforts.

Outlined below are several key NYSOEM program areas; ongoing efforts are 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-Jun. 17, 2004	DR-1534	\$370,938.91	\$61,050.21
Severe Storms and Flooding	Jun. 26-Jul. 10, 2006	DR-1650	\$15,294,901.30	\$2,880,317.17
Severe Storms and Flooding	Nov. 16-17, 2006	DR-1670	\$159,029.79	\$52,001.50
Severe Storms and Inland and Coastal Flooding	Apr. 14-18, 2007	DR-1692	\$10,380,400.39	\$3,474,511.43
Severe Storms and Flooding	Jun. 19, 2007	DR-1710	\$421,352.35	\$137,992.25
Severe Storms and Flooding	Aug. 8-10, 2009	DR-1857	\$2,495,122.91	\$415,853.84
Severe Storms and Flooding assoc. with T.D. Ida and Nor’easter	Nov. 12-14, 2009	DR-1869	\$249,845.24	\$41,640.87
Severe Storms and Flooding	Mar. 13-31, 2010	DR-1899	\$2,569,072.67	\$428,174.81
Severe Storms, Tornadoes and Straight-line Winds	Sep. 16, 2010	DR-1943	\$219,209.16	\$36,534.85
Severe Winter Storm and Snowstorm	Dec. 26-27, 2010	DR-1957	\$365,319.67	\$18,660.51
Severe Storms, Flooding, Tornadoes and Straight-line Winds	Apr. 26-May 8, 2011	DR-1993	\$4,063,852.10	\$571,591.07
Hurricane Irene	Aug. 25-Sep. 5, 2011	EM-3328	\$1,441.70	\$71,279.41
Hurricane Irene	Aug. 26-Sep. 5, 2011	DR-4020	\$123,001,914.50	\$5,687,615.15
Remnants of Tropical Storm Lee	Sep. 7-11, 2011	EM-3341	\$3,194.36	\$0.00
Remnants of Tropical Storm Lee	Sep. 7-11, 2011	DR-4031	\$23,946,567.42	\$2,824,673.51
Superstorm Sandy	Oct. 27-Nov. 8, 2012	DR-4085	\$1,357,014,604.76	\$0.00
Severe Winter Storm and Snowstorm	Feb. 8-9, 2013	DR-4111	\$6,941,938.39	\$0.00
Severe Storms and Flooding	Jun. 26-Jul. 10, 2013	DR-4129	\$3,314,370.05	\$0.00
<b>TOTAL</b>			<b>\$1,550,813,075.67</b>	<b>\$16,701,896.58</b>

## Operations

### *NYS Emergency Operations Center Activations*

In times of emergency, 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.

The State EOC was activated 20 times in support of the following events:

<b>Date</b>	<b>Incident Name</b>
February 7-9	Winter Storm
February 13-14	Winter Storm
February 22-24	Winter Weather
February 27-28	Winter Weather
March 6-8	Winter Weather
March 18-20	Winter Weather
May 22-23	Severe Weather
May 29	Severe Weather
June 2	Severe Weather
June 6-8	Tropical Storm Andrea
June 11-15	Severe Weather
June 27	Train Derailment (Town of Mohawk)
June 27-July 12	Severe Weather
July 19-20	Severe Weather
August 8-9	Flooding
November 17-18	Severe Weather
November 26	Severe Weather
December 10	Winter Storm
December 14-15	Winter Storm
December 20-23	Ice Storm and Winter Weather

*Incidents Reported to the NYS Watch Center*

<b>Type</b>	<b>No. of Incidents Reported</b>
Air Force Rescue Command and Control (AFRCC) – Emergency Locator Transmitter (ELT) Mission	75
AFRCC – Personal Locator Beacon Missions (PLB's)	18
Agriculture and Markets Hotline	30
Air Conditioner / Heater	15
Air Quality Alert (AQI)	8
Air Sampling / Purification	30
Airborne Reconnaissance (Fixed Wing)	1
Aircraft Incident – no injury/casualty	281
Aircraft Incident – with injury/casualty	104
Amber Alert	53
Ambulances (Ground)	1
Armed Conflict	169
Assistance	1
Avalanche	1
Barriers / Barricades	67
Bldg. 22 Facility Incident - Non-Evacuation	10
Boil Water Advisory	54
Bomb Threat	224
Chain Saws	21
Civil Disturbance/Protest	15
Civil Support Team (CST)	182
Clearance	9
Communications – Assistance and Equipment	82
Communications – Disruption/Outage	305
Construction Accident	73
Dam Failure	33
Damage Assessment	23
Damage Assessment – Structure	2
Damage Report	53
Disaster Assistance Response Team (DART)	7
Debris Removal – Equipment	6
Debris Removal – Team	5
DHSES Executive Hotline	42
DHSES Field Report	306
Disaster Recovery Center (DRC) – Status/Activity	2
Dept. of Corrections and Community Supervision (DOCCS) Crew	62
Dept. of Health (DOH) Duty Officer Call	1,875
Earthquake/Seismic	252

Type	No. of Incidents Reported
Emergency Management Assistance Compact (EMAC) – Incident Management Assistance Team (IMAT)	6
Emergency Management Assistance Compact (EMAC) Status/Activity	1
EOC Planning Section Chief	3
EOC / ECC / DOC Activity/Status	285
Equipment	3
Evacuation	248
Excavator – Hydraulic (Large Mass Excavation 13cy)	33
Executive Order	119
Exercise/Drill	113
Explosion	201
FEMA Reports	300
Fire	3,481
Flood	74
Food	3
Forklift / Pallet Equipment	1
Generators / Transformers	59
Geographic Information Systems (GIS)	3
Hazardous Materials Equipment	3
Hazardous Materials Incident	1,279
Hazardous Materials Response	28
Heating/Transportation Fuel Reports	33
Helicopter	11
Housing	4
Hurricane	28
Ice Jam	67
Incident Command Post (ICP) Activity	6
Information – Intelligence	1,737
Information – Distribution	9
Instability/Collapse	439
Information Technology (IT) Support	20
Land Subsidence (Slide)	4
Law Enforcement Aviation – Helicopters – Patrol & Surveillance	2
Life Safety Code Violation	23
Light Sets – Towers	70
Logistics Field Staff	5
Maps	3
Mass Transit Accident	378
Medical Supplies	6
Medicine	3
Missing Person	331

Type	No. of Incidents Reported
Mobile Communications Unit (Law/Fire)	3
NYS Assembly/Senate Calls	8
NY-ALERT Activation/Notification	2
NYS EOC Status/Activity	12
OCS Incident Response Team Hotline	17
Office Supplies / Furniture	22
Office of Fire Prevention & Control (OFPC) – Burn Injury Report	4,286
OFPC Crossfire Emails	25
OFPC DO Line	772
OFPC Fire Fighter Injury	207
OFPC HazMat	32
Other	78
Permit / Exemption	9
Personal Protective Equipment (PPE)	1
Personnel	37
Personnel – Hygiene Items	3
Police Activity	660
Portable Pump	21
Preplanned Event/Mass Gathering	104
Press Release	23
Public Service Commission (PSC) Load Reduction	19
Public Health Incident	3
Radiological – Alert	68
Radiological – General Emergency (GE)	124
Radiological – Site Area Emergency (SAE)	35
Radiological – Unusual Event (NUE)	29
Radiological – Incident	129
Radiological – Shipment	612
Radiological – Test	234
Rescue	266
Roadway Materials (sand, stone, etc.)	4
Sand Bags	2
Sandbag Filler	14
Sewage Treatment Equipment/Services	8
Sheltering	40
Smoke Condition	8
Snow Removal Equipment	16
Snowmobile	1
State of Emergency	458
Suspicious Package/Device	928
Swift Water/Flood Search and Rescue Team	14

<b>Type</b>	<b>No. of Incidents Reported</b>
Test	2,061
Tractor Trailer	1
Traffic Control	10
Transportation	4
Transportation Closure	7,094
Transportation Delay/Disruption	8,818
Transportation Escort	6
Tropical Storm	51
Unknown Detected Substance	2
Urban Search and Rescue (USAR) Task Forces	5
Utility Disruption/Outage (Gas, Electric)	797
Vehicle – 4X4	18
Vehicle – Specialty	33
Watch Center Equipment Failure	226
Watch Center Evacuation	2
Water – Drinking	31
Water Conservation	11
Water Main Break/Facility Incident	331
Water Pumps	39
Water Trailers	13
Water Truck	1
Watch Center Shift Checklist	699
Watch Center Support Request	490
Weather Advisory	2,585
Weather Conference Call	143
Weather Information	1,502
Weather Warning	3,776
Weather Watch	848
<b>TOTAL</b>	<b>52,850</b>

## Incident Management Team Program

From February 10-17, the Incident Management Team (IMT) Coordinator was deployed to Suffolk County in support of a major snowstorm (“Nemo”). From June 28 to July 3, the IMT Coordinator was deployed to Herkimer County and the City of Oneida in Madison County for widespread flooding impacting many areas along the Thruway corridor. On April 10, the IMT Coordinator represented the State IMT at the New York City Fire Department (FDNY) Annual Training Day and Meeting at the FDNY Training Center on Randall’s Island.



IMT Section worked with Westchester County Department of Emergency Services to plan and schedule seven All-Hazards Incident Command System (ICS) position-specific courses to be conducted in 2014. These courses will not only strengthen the capability and capacity in Westchester County, but will also help support the development of a State-sponsored regional Type 3 All-Hazards IMT in the Hudson Valley region.

From November 19–21, the IMT Section Chief attended the All-Hazards Incident Management Team Association (AHIMT) Annual Conference in Charleston, SC. More than 400 IMT personnel from local, regional, state and federal agencies and IMTs attended the conference. These individuals came from national Type 1 IMTs up to and including local Type 4 IMTs. Participants heard presentations on IMT operations, including presentations on the Boston Marathon bombing, the FDNY IMT Response to Superstorm Sandy, IMT Qualification and Credentialing, IMT development, Position Task Books, and the annual meeting of the AHIMT Association.

### *Training Conducted*

IMT Section supported the delivery of IMT-related training courses around New York State and in the State of Pennsylvania (see table below).

The IMT Section was a major contributor to another successful New York Wildfire and Incident Management Academy from October 25 to November 3 in Suffolk County, where almost 200 students completed incident management and/or wildfire training courses.

From October 28 to November 1, the IMT Section, in conjunction with Organizational Quality Associates (OQA – a nationally-recognized provider of IMT and Leadership training) conducted the U.S. Fire Administration-sponsored All-Hazards IMT Course, which is used as the capstone course in the development of Type 3 and 4 All-Hazards IMTs. The students for this course came primarily from Nassau County, along with several representatives from Suffolk County, and a team of people from the northwest Massachusetts IMT.

Course Title	Course No.	Date	Location	No. Completed
Incident Command	L-950	Jan. 7-11	Orange County	25
Finance/Admin Unit Leader	L-975	Jan. 29-31	Saratoga County	15
Operations Section Chief	L-958	Feb.24-Mar. 1	Altoona, PA	
Division/Group Supervisor	L-960	Mar. 5-7	Orange County	22
ICS Supply Unit Leader	L-970	Mar. 19-22	Westchester County	20
ICS Resource Unit Leader	L-965	Apr. 9-12	Cortland County	14
ICS Situation Unit Leader	L-964	Apr. 15-19	Monroe County	17
ICS Facility Unit Leader	L-971	May 6-10	Broome County	11
ICS Task Force/Strike Team Leader	L-984	May 14-16	Nassau County	16
ICS Communications Leader	L-969	Jun. 4-7	Nassau County	26
Operations Section Chief	L-958	Jun. 24-27	Genesee County	22
ICS Logistics Section Chief	L-967	Oct. 7-11	Livingston County	20
All-Hazards IMT Course	O-305	Oct. 28-Nov. 1	Suffolk County	35
Operations Section Chief	L-958	Oct. 28-31	Suffolk County	14
Safety Officer	L-954	Oct. 28-31	Suffolk County	13
ICS Advanced	I-400	Dec. 11-13	Jefferson County	



Participants discuss a classroom activity during the O-305 All-Hazards IMT Course held in conjunction with the NY Wildfire and Incident Management Academy in Suffolk County: October 2013 (Source: DHSES/NYSOEM)

## Logistics

NYSOEM made the following equipment loans during this reporting period:

Date	County	Type	Quantity
Jan. 30	Franklin	Water – Drinking	40
Feb. 6	Suffolk / Nassau	Vehicles – Specialty (ARC)	4
Feb. 7	Suffolk / Nassau	Vehicles – Specialty (UTV)	2
Feb. 11	Suffolk / Nassau	Light Sets – Towers	1
		Generators / Transformers – 50kw	1
May 2	Albany	Barriers / Barricades	30
May 2	Greene	Light Sets – Towers	4
May 7	Warren	Portable Pump – 6"	1
May 23	Nassau	Vehicles - Specialty (UTV)	2
Jun. 7	Suffolk	Portable Pump – 6"	1
		Portable Pump – 4"	7
		Light Sets – Towers	14
Jun. 14	Schoharie	Portable Pump – 4"	2
		Portable Pump – 2"	4
		Sandbag Filler	1
		Sandbags	5,000
Jun. 28	Herkimer	Vehicles – Specialty	1
		Food- MRE's	500
Jun. 29	Montgomery	Generators / Transformers – 35kw	1
Jun. 29	Madison	Light Sets – Towers	6
Jun. 29	Herkimer	Light Sets – Towers	12
		Generators / Transformers – 500kw	1
		Generators / Transformers – 800kw	2
		Generators / Transformers – 500kw	1
Jun. 30	Herkimer	Water – Drinking	36 pallets
Jun. 30	Madison	Water Pumps – 4"	10
Jun. 30		Light Sets – Towers	6
Jul. 1	Montgomery	Barriers / Barricades	10
Jul. 1	Madison	Portable Pump – 2"	12
Jul. 1	Oneida	Vehicles – Specialty – RV Trailer	1
		30kw generator	1
		Light tower	1
Jul. 1	Herkimer	Portable Pump – 6"	1
Jul. 1	Madison	Barriers / Barricades	46
Jul. 2	Herkimer	Sand Bags	15,000
Jul. 2	Montgomery	Sand Bags	4,000
Jul. 2	Madison	Personnel Hygiene Items	6

Date	County	Type	Quantity
Jul. 2	Madison	Barriers / Barricades – Fencing	4,000 feet
Jul. 8	Oneida	Light Sets – Towers	6
Jul. 9	Oneida	Sandbag Filler	1
Jul. 20	Oneida	Water – Drinking	10 pallets
Jul. 26	Franklin	Light Sets – Towers	2
Aug. 9	Cortland	Portable Pump – 2"	12
Aug. 16	Cortland	Water – Drinking	3 pallets
Aug. 28	Suffolk	Chain Saws	10
Aug. 28	Ulster	Light Sets – Towers	2
Aug. 30	Rensselaer	Generators / Transformers – 200kw	1
Oct. 4	Franklin	Light Sets – Towers	20
Oct. 30	Oneida	Portable Pump – 6"	2
Oct. 30	Oneida	Light Sets – Towers	1

## Planning

### *Emergency Response Planning – State Level*

New York State's accreditation under the Emergency Management Accreditation Program (EMAP) continued – on-site assessment began on August 19 and concluded August 23. The Preliminary EMAP Assessment Report gave New York State a compliance of 64 out of 64 standards. The EMAP Commission



granted the State a nine-month conditional accreditation (based on the Program Review Committee finding eight standards in non-compliance). Planning Section took the lead on compiling supporting documentation for these eight standards, and will schedule an on-site review, which will include another on-site assessment and participation of several agencies. A May 2014 time frame is being considered.

A small working group from NYSOEM and OCT facilitated the receipt of local Threat, Hazard Identification Risk Assessment (THIRA) information from all 62 counties in the State. NYSOEM and OCT staff hosted DPC agency partners to outline the remainder of the process, and to 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. The State THIRA was approved by FEMA and is in the maintenance phase of the upcoming reporting cycle.

Staff continued to support the Regional Catastrophic Planning Grant (RCPG) Program. The base plans created under the RCPGP are complete. Current focus is planning for an improvised nuclear device (IND), consolidating federal integration planning efforts, and working to consolidate a high-level regional structure to tie in multiple federal, State, and local Joint Field Offices (JFOs) under one regional unified coordination group structure. Efforts are ongoing and will continue through 2014. Agencies that wish to have more representation in this process should contact the NYSOEM Planning Section.

Progress continued on the New York City Delaware aqueduct system planning project. The system is owned, operated and maintained by the New York City Department of Environmental Protection (NYCDEP) and serves as the primary municipal water supply for several Hudson Valley jurisdictions and New York City. The system experienced several areas of leakage and there are ongoing concerns regarding a potential failure of the system. The effort was stalled primarily due to the response/recovery to Hurricane Irene, Tropical Storm Lee and Superstorm Sandy. The effort is supported by DOH – Bureau of Water Supply, NYCDEP, and emergency management officials from New York City and Ulster, Putnam, Orange, and Westchester counties. Spring workshops are being planned to finalize the next phase in the program.

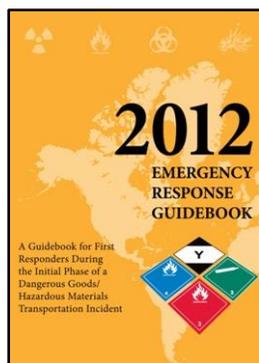
The New York State Citizen Corps Program (CCP) continued to engage New Yorkers in all-hazards prevention, protection, response, and recovery efforts through local Citizen Corps Councils and Community Emergency Response Teams. Planning staff closed out FY08 and FY09 Citizen Corps Program grant funding. An extension until August 31, 2014 was granted for the FY10 contracts.

### *Local Planning Assistance*

- Attended 14 local planning meetings and conducted eight presentations/webinars on the water supply failures of the aqueduct system.
- Provided review and comment on three local comprehensive emergency management plans, and reviewed/commented on 178 dam safety emergency action plans.
- Provided support to the Regional Catastrophic Planning Team (RCPT), comprised of officials from New York State; the States of New Jersey, Connecticut, and Pennsylvania; New York City; and Nassau, Suffolk and Westchester counties. Efforts are to develop regional plans for catastrophic incidents under the auspices of the RCPG being administered by OCT.
- Provided planning guidance and technical assistance to Local Emergency Planning Committees (LEPCs) in planning efforts; staff also tracked more than 1,200 required Tier II submission reports.
- Worked with State agencies and Governor's Office on development of County Emergency Preparedness Assessment (CEPA); developed technical basis and format for county level assessment in response to a variety of risks and varying levels of event severity. CEPA is currently being field tested across the State by OCT and NYSOEM.

### State Emergency Response Commission (SERC) Working Group

#### *Emergency Response Guidebooks*



The U.S. Department of Transportation (USDOT) Emergency Response Guidebooks (ERGs) are published every four years. NYSOEM is the lead agency in obtaining these books from USDOT. The allotment that the State requests is determined based on input from various sources, including past practices/allocations, OFPC, DOH – Bureau of Emergency Medical Services (BEMS), and local governments. NYSOEM requested and received 120,000 books; ERGs were distributed statewide to all State, county and local first response agencies. Agencies seeking obtain additional copies of the ERGs should contact the NYSOEM Planning section.

### *Hazardous Materials Emergency Preparedness Grant*

The State received approval on its application for Year-20 (FFY 13-14) of the Hazardous Materials Emergency Preparedness (HMEP) grant. The HMEP grant is federally administered by USDOT and provides funding to support State and local hazardous material preparedness efforts. The total grant award is \$786,073 and has both a planning and training deliverable. The training deliverable is managed by OFPC, and the planning deliverable is managed by NYSOEM.

As part of the grant requirement, NYSOEM Planning Section will distribute a local HMEP grant application. Applications will be sent to each of the LEPCs in the State. To receive these funds, each LEPC will be required to submit a work plan outlining program accomplishments, a current and viable emergency plan, and identify status of ongoing projects.

## Regional Planning Support

### Region I

Staff provided planning assistance and guidance to local jurisdictions for several events, including:

- Jones Beach Air Show/Memorial Day Weekend (78,000 attendees)
- Long Island/New York City Emergency Management Conference (more than 500 attendees)
- Belmont Stakes (85,811 attendees)

During each of the listed events, opportunities to partner with sister agencies were sought after to provide for a more complete planning and response plan for each event. During the Jones Beach Air Show, Region I partnered with OIEC to provide a secondary means of communication in the event of an incident and as a resource to train local and regional staff in communications procedures. During the Long Island/New York City Emergency Management Conference, Region I looked to the OCT's Intelligence and Analysis Unit to provide a briefing on terrorism-related cases to conference participants. During the Belmont Stakes, Region I assisted OFPC to oversee public safety by acting as a liaison with local partners. Additionally, the Critical Infrastructure Division invited Regional staff to observe its work in developing an Enhanced Visual Assessment Program for Belmont Racetrack. Each opportunity taken to work with a sister agency gives Region I a more complete picture of others' capabilities and a better understanding of how they can be used to solve problems during an actual event.

Staff participated in coordinated planning efforts with federal, State and local law enforcement, public safety and security agencies for the 2014 NFL Super Bowl. Staff also conducted numerous citizen preparedness seminars at the request of local and state public officials including the Nassau-Suffolk Town Clerks Association in Montauk where Downstate Operations and Region I staff presented information on the importance of individual and family preparedness. Region I staff had contact with over 1,139 citizens.

One of the Region's largest accomplishments came when NYSOEM, at Region I's request, trained the IMT for Nassau County in specific position ICS classes during the NYS Wildfire Academy in the fall. The courses resulted in qualifying additional personnel to assist in the management of large incidents and disasters by certifying the Nassau IMT as a Type 3 team. Region I also actively supported the development of smaller teams in townships that would support larger teams in areas around the State.

Region I conducted quarterly meetings with representatives from the Shinnecock, Poospatuck and Unkechaug tribes to discuss emergency preparedness and other issues. Designated emergency management representatives from each of the tribes attended the meetings; follow-up is ongoing.

## Region II

### *Eastern Hudson Valley Zone*

Eastern Hudson Valley zone staff continued work with the four counties and as requested by specific cities, to review Comprehensive Emergency Management Plans (CEMPs) and associated annexes. Staff coordinated delivery of requested training for National Incident Management System (NIMS) compliance, development and enhancement of local incident management and EOC capacity and provided LEPC support. Staff provided response support within Region II and to other Regions as needed to provide situational awareness and enhance local staff support and availability.

During the next year, staff will assist with ensuring that plans reflect current capabilities and encourage exercising and validation of plans. Additionally, staff will continue to provide support to Citizen Preparedness initiatives and CEPA. Work will continue with counties to identify training and exercise needs. Staff will continue support for various county efforts to review and revise EOC activation procedures and the development and provision of orientation workshops for agency representatives.

### *Catskill Mountain Zone*

Catskill Mountain Zone consists of five counties on the western side of the Hudson Valley. Staff provided assistance and guidance to regional partners for a variety of needs, including include county LEPC meetings (12); county plan reviews (4); dam emergency action plan reviews (3); DOH regional office and/or local planning partners (15); and NYCDEP Water Supply (1).

Staff assisted counties and West Point Military Academy with planning for and/or participating in training and exercises. These included assisting counties with exercise development and after action reviews, workshops, table top (3), full scale exercises (2) and creating a multi-year training and exercise plan (2). Staff also assisted with teaching an ICS-300 course in the zone and one Homeland Security Exercise and Evaluation Program (HSEEP) course at the New York State Preparedness Training Center (SPTC) in Oriskany.

Catskill Mountain Zone monitored or responded to a number of emergencies. Most incidents were monitored and did not include a request for assistance or require a response (36). Twelve (12) incidents required deployment – most of these were assisting other NYSOEM zones with response. Staff also assisted with three resource requests from counties. The incident that caused the largest regional impact was the discovery that most children's camps in the Harriman State Park had no phone service. Staff coordinated with NYSOEM Headquarters, OEIC, Palisades Park Commission, Orange and Rockland counties, and Verizon to create a system for emergency communications.

## Region III

### *Capital District Zone*

Numerous comprehensive emergency management plans were acquired and reviewed by Regional staff. Regional Plans included Washington, Saratoga, Warren, Rensselaer, and Schoharie counties. Staff supported county emergency managers with development and implementation of exercises, including military arsenal, hospital, dam, and chemical and hazardous materials. Staff supported several mass gathering events, including Freihofer's "Run for Women" and "Larkfest" in Albany, and the Whitney and Travers Stakes at the Saratoga Racetrack.

### *North Country Zone*

Staff supported county emergency managers with development and implementation of numerous exercises such as; State University of New York (SUNY) Plattsburgh fire exercise; Plattsburgh International Airport aircraft accident exercise; Plattsburgh Mass Fatality exercise; Active Shooter exercises; and the New York Power Authority (NYPA) FDR Power Project exercise. Staff also participated and assisted several planning initiatives that lead to mass gatherings such as the Iron Man Run in Essex County and the Bass Masters Fishing Tournament in St. Lawrence County. Staff supported the State's response to several natural disasters across the North Country including numerous severe thunderstorms, spring floods, severe ice storms, winter storm "Nemo," and numerous ice jams. Staff also responded to hazardous materials incidents on the US/Canadian border, as well as a small aircraft crash in the Adirondacks.

## Region IV

### *Southern Tier Zone*

Staff routinely attended LEPC meetings and meetings with other emergency management groups in support of local emergency managers and 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 Counter Terrorism Zone (CTZ) 6 committee meetings, large scale event planning and associated training activity.

Additional activities focused on Continuity of Operations (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.

## *Central Zone*

Zone staff provided support to counties that experienced staffing turnover throughout the previous year. St Lawrence County was supported by staff with a Public Officials Conference for all local and county officials in the programs that support them during a disaster. Staff supported Oswego County through its transition to a new emergency manager; interim staff received additional support as the county went through its hiring process and, once the new director was brought on board, staff spent additional time in meetings and orientation.

Considerable efforts were made by staff to identify, track, and assist with planning for numerous large-scale special events in the aftermath of the Boston Marathon Bombing. Command and Management training were provided, as well as assistance with tabletop exercises in preparation for actual events. Staff supported many of these events; virtually every county in the Zone had at least one event, with the largest event attended by 50,000 individuals.

Staff responded to Mohawk Valley flooding during the summer, which occupied staff for two to three months with follow-up meetings and after actions, as well as recovery meetings and assistance. The year concluded with responses to Lewis and Jefferson counties for Ice Storm and Lake Effect Blizzard events.

## Region V

Staff worked with the eight Western New York counties to providing support for reviews and updates of CEMPs, as well as COOP planning. This included an initiative by the counties to revamp/synchronize plans within the Western NY Zone to provide consistency during major response operations. Additionally, Regional staff worked with counties to develop a job aid/tool kit for the identification and establishment of Commodity Points of Distribution (CPODs) for use during major emergencies and disaster operations. All eight Western New York counties now have the program in place and continue to build out data that identifies potential CPOD locations in each county. In December, a follow on project was initiated to identify major incident staging areas and is currently being built out with the counties in western New York State.

Staff provided guidance and assistance to the City of Buffalo on the development of a Request for Proposal (RFP) for review and revision of the city's CEMP. Staff met on several occasions with city emergency officials regarding CEMP and functional annex development. Staff provided guidance and assistance to the City of Rochester on the review and revision of the city's CEMP, and met on several occasions with city emergency officials regarding CEMP and functional annex development.

Staff attended and supported transportation infrastructure planning meetings in DOT Regions 4, 5, 6 and Thruway Buffalo Division, including review and revision of the Regional Joint State Agency Guideline for Thruways Incidents and associated Emergency Notification Checklist, the

Buffalo Area Expressway Closure Plan and Associated Emergency Notification Checklist, and the Erie County/City of Buffalo Snow Emergency Plan.

Regional staff was directly involved in planning and coordination activities for major regional exercises (StormWest and FLurricane) covering the Western New York and Finger Lakes zones. The exercises tested public health preparedness, county CEMP and hospital disaster plans throughout the Finger Lakes and Western NY Zones. Planning efforts included representatives from NYSOEM, DOH, DOT, NYS Department of Labor (DOL), and county offices of emergency management and health departments.

Other planning activities included:

- Met with Wyoming, Chautauqua, and Niagara county officials regarding update of All-Hazards Mitigation Plans.
- Attended planning meeting with NYSP Troop A and Erie County Sheriff's Office with focus on active shooter incidents and multi-agency coordination functions.
- Met with the Western New York Hospital Administrators Association to discuss preparedness, planning, and response measures for catastrophic incidents impacting healthcare systems.
- Attended multiple emergency planning meetings with Erie BOCES and school superintendents from Cattaraugus, Chautauqua and Erie counties. NYSP, county offices of emergency management, and Sheriffs were also in attendance.

## 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 two (2) full-scale, federally-evaluated REP exercises:

- June 19: Nine Mile Point plume exercise
- September 17: R.E. Ginna Hostile Action-Based (HAB) exercise

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 conducted four NYS Nuclear Safety Sub-Committee 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 the following training sessions for State agencies, radiological jurisdictions and licensees:

Date	Topic	Conducted By	Location
Jan. 22	Emergency Action Level (EAL) Training (site-specific)	Constellation	Nine Mile Point
Feb. 4-5	REP Core Concepts	FEMA	Albany
Feb. 5-8	REP Evaluator Course	FEMA	Albany
Feb. 27	Radiation Handling / Shop Training	OEM RSO	NYSOEM REP
May 1	Electronic Data and Management System (EDAMS) Training (J. A. FitzPatrick)	DOH / DEC NYSOEM REP	Albany
Aug. 19	Emergency Operations Facility (EOF) Training (Ginna)	DOC / DEC NYSOEM REP	Albany
Oct. 24	EAL Training (all licensees, including Millstone)	State Agencies	Albany
Dec. 2-3	REP Core Concepts	FEMA	Albany
Dec. 3-6	REP Planning Course	FEMA	Albany

## Mitigation

Mitigation Section began the year by assisting the NYS Homes and Community Renewal (HCR) to develop a housing buy-out program in the wake of Superstorm Sandy. While DHSES traditionally administers FEMA grants that support acquiring properties out of the floodplain, HCR's central role as the State's housing agency responsible for overseeing \$1.77 billion in first-round Superstorm Sandy Community Development Block Grants – Disaster Recovery (CDBG-DR) (provided by U.S. Congress through U.S. Department of Housing and Urban Development (HUD)) made it the logical agency to manage a housing program of this scale.

Mitigation Section then focused on preparing for the largest Hazard Mitigation Grant Program (HMGP) in the State's history. HMGP funds, based on 15% of FEMA's assistance to individuals and local governments, are provided to the State upon a Presidential Disaster Declaration. FEMA informed the State that the HMGP funds provided for Hurricane Irene and Tropical Storm Lee exceeded HMGP funding received for all other disasters combined; the pool for Sandy is approximately six times larger. The Governor's priorities included supporting projects that protect critical facilities, ensure continuity of government, and enhance reliability of transportation, communications, or energy infrastructure using green, natural, or innovative technological solutions, consistent with the findings of the NYS Ready, NYS Respond, and NYS 2100 Commissions.

The HMGP was announced on June 10 and the deadline for submitting Letters of Intent (LOIs) was extended to August 1 to allow full participation by communities affected by Mohawk Valley flooding. DHSES ran a robust publicity campaign with information placed on its website and distributed to State agencies, county emergency managers, floodplain coordinators, planners, and soil and water conservation districts. This effort was augmented with five regional applicant briefings held in New York City and Albany, Broome, Cattaraugus, Essex, Monroe, Nassau, Oneida, Orange, Rockland, Suffolk and Westchester counties, and lower Hudson Valley and Upstate locations, as well as three statewide webinars for those who could not attend regional sessions. Notices of briefings were emails to all LOI applicants. DHSES also deployed contractors to assist local communities with application development.

This outreach effort resulted in 2,466 LOIs that led to nearly 1,200 applications seeking more than \$11.5 billion; generator and back-up power requests alone totaled nearly \$1.5 billion. FEMA advised that the final HMGP lock-in value was just over \$766,000,000. Applications are currently under review in coordination with the Governor's Office of Storm Recovery, and are sent to FEMA on a rolling basis.

FEMA does not yet require states to include climate change in State Hazard Mitigation Plans, and explicit consideration of climate change varies widely across the country. A November 11, 2013 Columbia University Center for Climate Change Law report surveyed and ranked hazard mitigation plans in all 50 states with regard to the extent and manner in which they incorporate climate change-related issues, identifying those state plans that address climate change and climate-related issues in an accurate and helpful manner and those that do not. The results of

the survey indicate that coastal states are more likely to include a discussion of climate change, possibly due in part to recent emphasis on and awareness of the relationship between climate change and sea level rise, coastal storms, and related hazards, and suggest that state plans that currently include climate change analyses and adaptation plans may be used as examples for improving other plans. New York State's previous (2011) Plan received the highest ranking (4), characterized as having a "thorough discussion of climate change impacts on hazards and climate adaptation actions." The 2014 Plan significantly expands the discussion of possible climate change consequences and provides good sources of information for local communities that want to consider climate change impacts in mitigation plans.

Finally, Mitigation Section oversaw the update of the NYS All-Hazards Mitigation Plan, approved by FEMA and adopted by the DPC on December 18. The Plan qualifies the State for federal Hazard Mitigation Assistance (HMA), which includes the HMGP, Pre-Disaster Mitigation (PDM) program, and the Flood Mitigation Assistance (FMA) program. Together, these programs provide significant opportunities to reduce or eliminate potential losses to State and local governments in New York State through hazard mitigation planning and project grant funding.

Even more significant from a financial perspective, the approved 2014 Plan was required for New York State to remain eligible for mitigation opportunities through the Public Assistance program, through which FEMA provides supplemental federal disaster assistance for debris removal, and repair, replacement, or restoration of disaster-damaged, State-owned facilities and certain private non-profit organizations' facilities. New York State's update and adoption of the Hazard Mitigation Plan without lapse allowed the disbursement of billions of dollars in federal disaster assistance to repair damages from past and future disasters, including Hurricane Irene, Tropical Storm Lee, and Superstorm Sandy.

## Training & Exercises

### New York State Office of Emergency Management

NYSOEM Training and Exercises Section coordinated and managed emergency management, counter-terrorism, cyber security, and interoperable communications training and exercises. Staff delivered, participated in and/or coordinated the delivery of 177 training courses (trend +78) for 3,875 students (trend +2,373) throughout the State.

Training and Exercise staff processed the following training applications:

- 142 applications (trend +66) for FEMA’s Emergency Management Institute (EMI) in Emmitsburg, Maryland.
- 1,167 applications (trend +854) for the National Domestic Preparedness Consortium (NDPC) member training centers.

Staff worked with representatives of OFPC, DMNA, DHSES, and the Governor’s Office to prepare classroom teaching materials for Governor Cuomo’s Citizen Preparedness Corps training program. The goal of this program is to train State citizens to prepare for disasters. All visuals and a Train-the-Trainer program were completed before the State of the State Address.



Staff also staffed key positions in the State EOC as required throughout the year.

### *Emergency Management Certification Academy*

Staff developed an Emergency Management Certification Academy curriculum for county and local emergency managers and executives in concert with many DPC partners. The first of these academies was held in November; staff presented curriculum and assisted in many logistical tasks, such as participant registration and check-in.

### *NYSOEM Training Program*

The Training Branch offered more than 20 different training courses, which span the five broad categories below:

- Professional Development Series
- NIMS/ICS
- EOC Management
- Exercise courses
- Other courses

Since the implementation of the Statewide Learning Management System (SLMS), administrative staff spent more than 2,513 hours assisting students in “help desk” functions including resetting passwords, looking up student login information, assisting students in course registration, creating new student accounts, and merging records for students with multiple accounts. Numerous training courses were cancelled this reporting period as a result of low student registration, which was caused by ongoing challenges associated with SLMS.

### *Exercise Program*

The Exercise Branch directly or indirectly supports local, county, State, and Federal exercises by assisting with HSEEP documentation, grant guidance, planning assistance, conduct support, and after action report assistance. The Exercise Branch also equips and maintains an Exercise Simulation and Support Trailer which contains a cache of simulation and exercise logistical support equipment which is made available to support exercise conduct.



**DHSES Cyber Security and Interoperable Communications tabletop exercise at State EOC with State and federal partners: September 11, 2013 (Source: DHSES)**

The Exercise Branch works closely with public safety officials, the academic community, airports, ports, hospitals, and many other organizations in support of emergency management, weapons of mass destruction (WMD), chemical, biological, radiological, nuclear, explosive (CBRNE), counter terrorism, cyber security, and interoperable communication exercises.

Staff supported 25 local, county, State, and/or Federal exercises, including a second cyber terrorism tabletop exercise with participation from State cyber security, intelligence, and interoperable communication personnel, as well as federal cyber security assets with support from FEMA Region II. The Exercise Branch also tracked and reported upon 31 additional exercises.

In support of these exercises, staff attended 43 planning meetings, provided conduct support, attended four after-action conferences, and reviewed 23 after-action reports during this reporting period.



**NYSOEM’s Exercise Simulation & Support Trailer deployed in support of the Northern Border Illicit Trafficking Interdiction exercise at the Port of Rochester and surrounding areas: June 12, 2013 (Source: DHSES)**

### *Special Recognition*

In August, the Exercise Branch was recognized and presented with a joint Certificate of Appreciation from the New York Army National Guard, and the New York Air National Guard, respectively. The certificate was the result of years of continual exercise branch support and service at New York National Guard exercises. The Exercise Branch also received seven other letters of appreciation from local, county, and State officials for support with their respective exercises.

### 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 the University at Albany's National Center for Security and Preparedness (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 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 offered at the SPTC:

<b>Course Title</b>	<b>Total Trained</b>	<b>No. Deliveries</b>
Advanced Active Shooters Scenario (A2S2) – Tactics and Operations	192	6
Critical Decision Making During Crisis	65	3
Emergency Vehicle Defensive Driving (EVDD)	56	4
Emergency Medical Service (EMS) Mass Casualty Incident (MCI) Management	72	3
EMS Special Situations	86	4
Improvised Explosive Devices (IED) Dynamics	133	8
Indicators of the Terrorist Attack Cycle (ITAC)	69	5
Initial Response to Active Shooters (IRAS)	1067	39
School Violence: Active Shooter Incident Awareness	4480	29
Suspicious Activity Reporting Training	737	30
Tactical Emergency Casualty Care for Law Enforcement (TECC for LE)	560	29
TECC for LE - Train-the-Trainer (T-t-T)	204	14
Woodland Tactics and Operations	66	3

The following table lists SPTC course deliveries by date:

**Key:**

Usage
Mobile
Indirect
Residential

Start Date	Course Name / Agency Usage	No. Trained
Jan. 2	Principles of Building Construction – Combustibles (OFPC)	15
Jan. 8	Initial Response to Active Shooters (IRAS) (MTA)	32
Jan. 8	Integrated Municipal Police Anti-Crime Teams (IMPACT) Meeting (Oneida County Law Enforcement Coalition)	24
Jan. 8	Suspicious Activity Reporting (SAR) – IRAS (MTA)	32
Jan. 10	IMPACT Meeting (NYS Division of Criminal Justice Services (DCJS))	19
Jan. 11	School Violence: Active Shooter Incident Awareness (Fort Plain)	175
Jan. 14	FBI Tactical Training and Entry	12
Jan. 14	School Resource Officer Coalition Meeting	5
Jan. 17	School Resource Officer Coalition Meeting	17
Jan. 18	M4/AR-15 Law Enforcement Operator Familiarization Course	16
Jan. 18	School Violence: Active Shooter Incident Awareness (Gloversville)	718
Jan. 21	IRAS	29
Jan. 21	SAR IRAS	29
Jan. 24	IRAS	25
Jan. 24	Organizing and Managing the Local EOC (NYSOEM)	36
Jan. 24	School Violence: Active Shooter Incident Awareness (Guilderland)	21
Jan. 24	SAR IRAS	25
Jan. 28	Oriskany Fire Department Training	5
Jan. 28	Oswego County Sheriff Emergency Services Unit	16
Jan. 28	QuikClot Train-the-Trainer (T-t-T)	17
Jan. 29	Emergency Medical Service (EMS) Special Situations	20
Jan. 29	SAR – EMS Special Situations	20
Jan. 30	Emergency Response to Domestic Biological Incidents	14
Jan. 31	School Violence: Active Shooter Incident Awareness (Lake Pleasant)	81
Feb. 2	EMS Mass Casualty Incident (MCI) Management	21
Feb. 2	SAR EMS MCI Management	21
Feb. 4	IRAS	25
Feb. 4	School Violence: Active Shooter Incident Awareness (Guilderland)	32
Feb. 4	SAR IRAS	25
Feb. 5	Instructor Development Workshop (IDW)	13
Feb. 5	SAR – Instructor Development Workshop	13
Feb. 6	Oswego County Sheriff Emergency Services Unit	15

Start Date	Course Name / Agency Usage	No. Trained
Feb. 7	IRAS	29
Feb. 7	SAR IRAS	29
Feb. 13	Principles of Building Construction – Non-Combustibles (OFPC)	7
Feb. 14	Impact Meeting (DCJS)	5
Feb. 14	IMPACT Meeting (Oneida County Law Enforcement Coalition)	25
Feb. 15	Law Enforcement Active Shooter Emergency Response (LASER) – Refresher	16
Feb. 15	School Violence: Active Shooter Incident Awareness (St. Johnsville, et.al.)	168
Feb. 15	SAR LASER Refresher	16
Feb. 18	IRAS – Yonkers	31
Feb. 18	SAR IRAS (Yonkers)	31
Feb. 19	A Coordinated Response to Food Emergencies	23
Feb. 19	School Violence: Active Shooter Incident Awareness (Town of Webb)	47
Feb. 20	DCJS Meeting	4
Feb. 20	IRAS (Yonkers)	30
Feb. 20	New York State Police (NYSP) Mobile Field Unit	40
Feb. 20	Principles of Building Construction – Non-Combustibles (OFPC)	6
Feb. 20	School Violence: Active Shooter Incident Awareness (Holland Patent)	52
Feb. 20	SAR IRAS (Yonkers)	30
Feb. 21	Oneida County Sheriff's Office Emergency Response Team Training	16
Feb. 25	OMH Basic Academy	51
Feb. 25	OMH Basic Academy	17
Feb. 25	Oneida County Sherriff's Corrections Officer Academy	31
Feb. 27	Principles of Building Construction – Non-Combustibles (OFPC)	14
Feb. 27	Safety Officers Training Workshop	15
Feb. 28	Oneida County School Resource Officer Coalition Meeting	20
Feb. 28	School Violence: Active Shooter Incident Awareness (Jefferson/Lewis BOCES)	31
Mar. 1	Oneida County Sherriff's Corrections Officer Academy	31
Mar. 1	Training Role Player Workshop	32
Mar. 4	IRAS	29
Mar. 4	Oneida County Sherriff's Corrections Officer Academy	31
Mar. 5	SAR	29
Mar. 6	Principles of Building Construction – Non-Combustibles (OFPC)	15
Mar. 7	Indicators of the Terrorist Attack Cycle (ITAC) – Advanced	10
Mar. 7	IRAS	29
Mar. 7	School Violence: Active Shooter Incident Awareness (Ballston Lake High School)	131
Mar. 7	SAR	10
Mar. 7	SAR	29
Mar. 8	M4/AR-15 Law Enforcement Operator Familiarization Course	19
Mar. 8	School Violence: Active Shooter Incident Awareness (Amsterdam High School)	500
Mar. 8	School Violence: Active Shooter Incident Awareness (Hamilton/Fulton/Montgomery BOCES)	280
Mar. 9	Mohawk Valley Community College Police Academy	13

Start Date	Course Name / Agency Usage	No. Trained
Mar. 11	Emergency Vehicle Operators Course (EVOG) (NYSP)	56
Mar. 12	Critical Decision-Making During Crisis	23
Mar. 12	OIEC (Livingston County)	8
Mar. 14	Critical Decision-Making During Crisis	21
Mar. 14	IMPACT Meeting (Oneida County Law Enforcement Coalition)	31
Mar. 14	NYS Emergency Managers Association (NYSEMA) Executive Board Meeting	2
Mar. 15	School Violence: Active Shooter Incident Awareness (Oneida/Herkimer/Madison BOCES)	194
Mar. 18	IRAS (Lake Placid)	32
Mar. 18	Social Media for Disaster Response and Recovery	24
Mar. 18	SAR IRAS (Lake Placid)	32
Mar. 19	Advanced Active Shooters Scenario (A2S2) Tactics and Operations	26
Mar. 19	Oneida County Sherriff's Corrections Officer Academy	31
Mar. 20	IRAS (Lake Placid)	27
Mar. 20	SAR IRAS (Lake Placid)	27
Mar. 21	ITAC Indirect (Rockland County)	20
Mar. 22	Improvised Explosive Devices (IED) Dynamics for Responders	10
Mar. 22	ITAC Indirect (Rockland County)	32
Mar. 22	NYSP Special Operations Response Team (SORT) Training	6
Mar. 23	IED Dynamics for Responders	10
Mar. 25	EVOG (NYSP)	27
Mar. 25	Oneida County Sherriff's Corrections Officer Academy	31
Mar. 26	IRAS	29
Mar. 26	School Violence: Active Shooter Incident Awareness (Monroe-Woodbury HS)	51
Mar. 26	SAR	29
Mar. 27	IED Dynamics for Analysts and Investigators	14
Mar. 28	U.S. Federal Bureau of Investigations (FBI) Hostage Rescue Team (HRT) Training	10
Mar. 28	School Resource Officers Coalition Meeting	16
Mar. 29	FBI HRT Training	11
Apr. 1	EVOG (NYS Park Police)	18
Apr. 1	EVOG (NYSP)	28
Apr. 2	ITAC Basic	18
Apr. 4	LASER Refresher	19
Apr. 4	NYSP SORT Training	9
Apr. 4	SAR	19
Apr. 4	U.S. Probation In-Service Training	33
Apr. 5	Illicit Drugs 2013 Workshop	22
Apr. 8	IRAS	32
Apr. 8	EVOG (NYSP)	28
Apr. 9	Executive Seminar: Prevention, Response, and Recovery from Campus Emergencies	56
Apr. 9	SAR	31
Apr. 10	SAR	20

Start Date	Course Name / Agency Usage	No. Trained
Apr. 10	Tactical Emergency Casualty Care for Law Enforcement (TECC for LE)	20
Apr. 10	Woodland Tactics & Operations	22
Apr. 11	IRAS	25
Apr. 11	IMPACT Meeting (Law Enforcement Coalition)	31
Apr. 11	School Resource Officer Coalition Meeting	11
Apr. 11	SAR	25
Apr. 13	NY Army National Guard (NYANG) 1156th Engineer Co. – Search & Extraction Training	88
Apr. 14	NYANG 1156th Engineer Co. – Search and Extraction Training	78
Apr. 15	Herkimer Police Department Training	12
Apr. 15	EVOC (NYS Park Police)	25
Apr. 15	OFPC Meeting	15
Apr. 15	Oneida County Sheriff Office Meeting	4
Apr. 16	Homeland Security Exercise and Evaluation Program (HSEEP)	27
Apr. 16	Law Enforcement Prevention and Deterrence of Terrorist Acts	15
Apr. 16	Screening of Persons by Observational Techniques (SPOT)	19
Apr. 17	SPOT T-t-T	37
Apr. 18	EMS MCI Management	24
Apr. 22	EVOC (NYSP)	25
Apr. 23	TECC for LE	14
Apr. 23	TECC for LE	23
Apr. 24	Close Quarters Battle - Team 1	16
Apr. 24	NY Tactical Officers Association (NYTOA) – Active Shooter Emergency Response	21
Apr. 24	NYTOA – Chemical Munitions Instructor Certification	24
Apr. 24	NYTOA – Distraction Device Instructor	22
Apr. 24	NYTOA – Dynamic Ballistic Shield Operations	19
Apr. 24	NYTOA – Less Lethal Impact Munitions	25
Apr. 24	NYTOA – Structure Clearing Strategies	17
Apr. 24	OGS Regional Meeting	24
Apr. 24	Physician Advisory Meeting	23
Apr. 25	NYTOA – Clearing Strategies	6
Apr. 25	NYTOA – Distraction Device Instructor Certification	18
Apr. 25	NYTOA – Less Lethal Munitions Instructor Certification	18
Apr. 25	NYTOA – Mechanical Breaching	23
Apr. 26	School Violence: Active Shooter Incident Awareness (Schoharie)	40
Apr. 29	National Oceanic and Atmospheric Association (NOAA) Training	27
Apr. 29	SAR	21
Apr. 29	Weapons of Mass Destruction (WMD) Tactical Operations	20
May 1	School Violence: Active Shooter Incident Awareness (Adirondack School District)	183
May 2	NYSP SORT Training	11
May 2	School Violence: Active Shooter Incident Awareness (Greater Johnstown School District) (morning session)	60

Start Date	Course Name / Agency Usage	No. Trained
May 2	School Violence: Active Shooter Incident Awareness (Greater Johnstown School District) (morning session)	80
May 2	Utica College – American Policing Class	24
May 6	EVOG (NYSP)	52
May 7	IRAS	23
May 8	Social Media for Disaster Response and Recovery	18
May 8	SAR	23
May 9	IMPACT Meeting	19
May 9	NYSP SORT Training	5
May 9	NYSP K-9 Training	7
May 10	School Violence: Active Shooter Incident Awareness (St. Lawrence Lewis BOCES)	10
May 10	Social Media for Disaster Response and Recovery	33
May 13	IRAS (Yonkers)	31
May 13	EVOG (NYSP)	13
May 13	NYSP SORT Training	12
May 14	A2S2 Tactics and Operations	30
May 14	DCJS NASR – Managing the Lost Person Incident Course	27
May 14	SAR IRAS (Yonkers)	27
May 14	TECC for LE	16
May 14	TECC for LE	12
May 15	IRAS (Yonkers)	31
May 16	School Resource Officer Coalition Meeting	12
May 16	SAR IRAS (Yonkers)	18
May 17	M4/AR-15 Law Enforcement Operator Familiarization Course	17
May 17	NYANG Fight Line Training	60
May 18	IRAS (Suffolk County)	27
May 20	EVOG (Cazenovia Police Academy)	50
May 20	IRAS (Suffolk County)	31
May 21	Active Shooter Workshop for EMS (Albany Medical Center)	225
May 21	IRAS	26
May 21	SAR	26
May 21	TECC for LE	11
May 23	NYSP K-9 Training	9
May 30	FBI Tactical Training	11
May 30	EVOG (Little Falls Police Department)	4
May 31	NYSP/FBI Tactical Training	22
Jun. 3	EVOG (NYSP)	60
Jun. 4	IRAS	28
Jun. 4	SPOT	33
Jun. 4	TECC for LE	13
Jun. 7	LASER Refresher	17
Jun. 8	ITAC Basic	12

Start Date	Course Name / Agency Usage	No. Trained
Jun. 9	IRAS	29
Jun. 10	Emergency Response to Domestic Biological Incidents	14
Jun. 10	EVOC Instructor Development (NYSP)	21
Jun. 11	Medical Preparedness and Response to Bombing Incidents	21
Jun. 13	IMPACT Meeting (Oneida County Law Enforcement Coalition)	22
Jun. 17	IED Dynamics for Analysts and Investigators	15
Jun. 17	EVOC (NYSP)	58
Jun. 18	A2S2 Tactics and Operations	37
Jun. 19	NYSP SPOT Training	9
Jun. 20	NYSEMA Executive Board Meeting	4
Jun. 20	NYSP/DOT AWRV Training	11
Jun. 20	School Resource Officer Coalition Meeting	16
Jun. 22	EMS Special Situations	14
Jun. 25	IRAS	29
Jun. 25	School Violence: Active Shooter Incident Awareness (Jefferson/Lewis BOCES – Watertown)	105
Jun. 25	School Violence: Active Shooter Incident Awareness (Monroe-Woodbury HS - Central Valley)	526
Jun. 25	TECC for LE	17
Jun. 26	Emergency Vehicle Defensive Driving (EVDD)	9
Jun. 29	EVDD for EMS	5
Jul. 2	EVOC (Hamilton College)	4
Jul. 9	Social Media for Disaster Response and Recovery	28
Jul. 9	TECC for LE	12
Jul. 10	SAR	29
Jul. 11	NYSP SPOT Training	6
Jul. 11	IMPACT Meeting (Oneida County Law Enforcement Coalition)	31
Jul. 12	School Violence: Active Shooter Incident Awareness (Capital District)	42
Jul. 14	IED Dynamics – Modified (Liverpool)	42
Jul. 15	EVOC (NYSP)	60
Jul. 15	Workplace Violence: Active Shooter Incident Awareness Workshop (Hamptons)	77
Jul. 16	A2S2 Tactics and Operations	32
Jul. 22	EMS Special Situations	25
Jul. 23	Compressed Modular Emergency Response Radiological Transportation Training (C-MERRTT)	9
Jul. 23	IRAS	22
Jul. 23	TECC for LE	20
Jul. 24	Modular Emergency Response Radiological Transportation Training (MERRTT)	23
Jul. 24	SAR	22
Jul. 26	M4/AR-15 Law Enforcement Operator Familiarization Course	17
Jul. 29	EVOC (NYSP)	30
Jul. 29	Oneida County Sheriff's Office Award Ceremony	54

Start Date	Course Name / Agency Usage	No. Trained
Jul. 30	EMS MCI Management	27
Jul. 30	IED Dynamics for Responders	24
Aug. 1	EVOG (NYSP)	30
Aug. 5	EVOG (NYSP)	13
Aug. 6	ITAC Basic	21
Aug. 6	IRAS (SUNY Campus Police)	27
Aug. 6	NYSEMA Executive Board Meeting	13
Aug. 6	TECC for LE	9
Aug. 7	SAR	25
Aug. 8	IMPACT Meeting (Oneida County Law Enforcement Coalition)	27
Aug. 10	IED Dynamics for Responders	7
Aug. 12	Active Shooter Response – Teams and Tactics	26
Aug. 13	A2S2 Tactics and Operations	32
Aug. 20	Disaster Preparedness for Hospital and Healthcare Organizations	31
Aug. 20	IRAS	25
Aug. 20	TECC for LE	12
Aug. 21	SAR	24
Aug. 22	Woodland Tactics and Operations	26
Aug. 27	IRAS (Geneva)	10
Aug. 27	IDW	20
Aug. 27	Oneida County Sheriff's Office Training	15
Sep. 3	Bomb Squad/Explosive Detection Canine Interoperability Workshop	68
Sep. 3	Emergency Response to Domestic Biological Incidents	24
Sep. 4	School Violence: Active Shooter Incident Awareness (Adams NY – South Jefferson High School)	297
Sep. 4	School Violence: Active Shooter Incident Awareness (Mohonasen Central School District)	24
Sep. 8	School Violence: Active Shooter Incident Awareness (NYS Fire Academy)	38
Sep. 9	EVOG (NYSP)	31
Sep. 10	IRAS	19
Sep. 10	TECC for LE	22
Sep. 10	Utica Police Department – Less than Lethal In-Service Training	15
Sep. 11	Army Reserve Sight Survey (3/309)	4
Sep. 12	IMPACT Meeting (Oneida County Law Enforcement Coalition)	37
Sep. 12	NYSEMA Executive Board Meeting	4
Sep. 13	IED Dynamics and Recognition for Medical and Health Professionals	11
Sep. 13	M4/AR-15 Law Enforcement Operator Familiarization Course	22
Sep. 13	School Violence: Active Shooter Incident Awareness T-t-T Workshop	6
Sep. 16	Utica Police Department – Less than Lethal In-Service Training	27
Sep. 17	NYS Parole Training	14
Sep. 17	Woodland Tactics and Operations	18
Sep. 18	Critical Decision-Making During Crisis	21

Start Date	Course Name / Agency Usage	No. Trained
Sep. 18	EVDD	23
Sep. 18	IDW	21
Sep. 18	Tactical Team Leadership	21
Sep. 18	Utica Police Department – Less than Lethal In-Service Training	24
Sep. 19	School Resource Officer Coalition Meeting	14
Sep. 20	Utica Police Department – Less than Lethal In-Service Training	34
Sep. 23	IRS Criminal Investigators	20
Sep. 23	EVOG (Mohawk Valley Police Academy)	32
Sep. 23	NYSP Close Quarters Training	8
Sep. 24	IRAS	19
Sep. 24	EVOG (Mohawk Valley Police Academy)	31
Sep. 24	Public Safety Sampling Techniques and Guidelines	15
Sep. 24	TECC for LE	33
Sep. 24	Utica Police Department – Less than Lethal In-Service Training	27
Sep. 25	EVOG (Mohawk Valley Police Academy)	30
Sep. 25	National Improvised Explosives Familiarization (NIEF) Course	16
Sep. 25	NYSP Close Quarters Training	6
Sep. 26	EVOG (Mohawk Valley Police Academy)	27
Sep. 26	OFPC Training	4
Sep. 26	Utica Police Department – Less than Lethal In-Service Training	29
Sep. 27	EVOG (Mohawk Valley Police Academy)	33
Sep. 28	NYS Federation of Search and Rescue (NYSFEDSAR) – DEC Searcher 1	13
Sep. 28	NYSFEDSAR – K9 Trailing	4
Sep. 28	NYSFEDSAR – K9-HRD	9
Sep. 28	NYSFEDSAR – Search and Rescue Common	12
Sep. 28	NYSFEDSAR –Basic Wildlands Search and Rescue (DEC)	39
Sep. 29	NYSFEDSAR – DEC Searcher 1	13
Sep. 29	NYSFEDSAR – K9 – HRD	8
Sep. 29	NYSFEDSAR – K9 Trailing	1
Sep. 30	EVOG (Mohawk Valley Police Academy)	26
Oct. 1	EVOG (Dewitt Police)	10
Oct. 1	Swift Water Training (OFPC)	18
Oct. 2	EVOG (Dewitt Police)	12
Oct. 2	NYSP Mobile Field Unit Training	29
Oct. 3	EVOG (Dewitt Police)	10
Oct. 4	School Violence: Active Shooter Incident Awareness (Copenhagen Central School)	78
Oct. 5	EMS Special Situations	27
Oct. 7	EVOG (NYSP)	13
Oct. 7	EVOG (NYSP)	62
Oct. 8	Bureau of EMS Meeting (DOH)	4
Oct. 8	IRAS	32

Start Date	Course Name / Agency Usage	No. Trained
Oct. 8	TECC for LE	10
Oct. 10	NYS Forest Ranger Planning	8
Oct. 10	NYSP Bomb Squad Training	3
Oct. 10	IMPACT Meeting (Oneida County Law Enforcement Coalition)	31
Oct. 11	Active Shooter Awareness Training (Madrid)	96
Oct. 12	Aggressor Role Player Training	10
Oct. 14	IRAS (Nassau County Police Department)	33
Oct. 14	EVOG (NYSP)	13
Oct. 15	A2S2 Instructors In-Service	13
Oct. 15	A2S2 Tactics and Operations	35
Oct. 15	School Violence: Active Shooter Incident Awareness (Carthage Central School)	326
Oct. 15	TECC for LE (Nassau County Police Department)	29
Oct. 16	Computer Aided Management of Emergency Operations (CAMEO)	21
Oct. 16	IRAS (Nassau County Police Department)	33
Oct. 16	TECC for LE	21
Oct. 17	School Resource Officer Coalition Meeting	10
Oct. 17	TECC for LE (Nassau County Police Department)	29
Oct. 18	SPOT	22
Oct. 18	SPOT T-t-T	19
Oct. 21	Herkimer Police Department Emergency Response Training	13
Oct. 21	EVOG (NYSP)	60
Oct. 22	ITAC Basic	8
Oct. 22	IRAS	25
Oct. 22	IDW	17
Oct. 22	TECC for LE	12
Oct. 24	Livingston County Sheriff's Department In-Service Training	12
Oct. 26	Homeland Security: Academia Meets Practice	31
Oct. 28	Close Quarters Battle w/Thermal and Low Light	7
Oct. 28	EVOG (NYSP)	13
Oct. 31	TECC for LE T-t-T (morning session)	35
Oct. 31	TECC for LE T-t-T (afternoon session)	26
Nov. 4	Eastern Air Defense Systems (EADS) Training	16
Nov. 4	EVOG (NYSP)	58
Nov. 4	EVOG (NYSP)	13
Nov. 5	IRAS	31
Nov. 5	Social Media for Disaster Response and Recovery	17
Nov. 5	TECC for LE	19
Nov. 6	Executive Seminar: Prevention, Response, and Recovery from Campus Emergencies	28
Nov. 7	NYS Sheriff's Association DOJ PREA Training	130
Nov. 7	TECC for LE T-t-T (afternoon session)	12
Nov. 8	M4/AR-15 Law Enforcement Operator Familiarization Course	19

Start Date	Course Name / Agency Usage	No. Trained
Nov. 8	NYSP SPOT Training	8
Nov. 9	EVOC (Mohawk Valley Community College – Phase 1 Academy)	22
Nov. 11	EVOC (NYSP)	13
Nov. 12	Herkimer Police Department Emergency Response Team Training	7
Nov. 12	IRAS	21
Nov. 12	TECC for LE	11
Nov. 13	EADS In-Service Training	16
Nov. 13	EVDD	19
Nov. 13	Enhanced Threat and Risk Assessment	24
Nov. 13	NYSP SPOT Training	8
Nov. 13	EVOC (NYSP Protective Service Unit (PSU))	12
Nov. 14	IMPACT Training (Oneida County Law Enforcement Coalition)	38
Nov. 14	TECC for LE T-t-T (morning session)	9
Nov. 14	U.S. Probation NLTA “Simunitions” Training	14
Nov. 15	TECC for LE T-t-T (morning session)	6
Nov. 15	U.S. Probation NLTA “Simunitions” Training	12
Nov. 16	EVOC (Mohawk Valley Community College – Phase 1 Academy)	22
Nov. 18	IRAS (Rushford)	30
Nov. 18	OMH Lawful Use of Force Training	7
Nov. 19	IDW	21
Nov. 19	Oneida County Sheriff's Office In-Service Training	10
Nov. 19	SWAT 6 Tabletop Exercise (Binghamton)	31
Nov. 20	IRAS (Rushford)	23
Nov. 20	OMH Lawful Use of Force Training	15
Nov. 21	School Resource Officers Coalition Meeting	13
Nov. 21	U.S. Probation NLTA “Simunitions” Training	13
Nov. 22	TECC for LE T-t-T (morning session)	22
Nov. 22	TECC for LE T-t-T (afternoon session)	20
Nov. 22	U.S. Probation NLTA “Simunitions” Training	13
Nov. 25	OFPC Training	9
Nov. 26	Jefferson County SERT Tactical Training	7
Dec. 3	DCJS Criminal Debriefing Course	27
Dec. 3	EADS Training	15
Dec. 3	TECC for LE (Utica Police Department)	23
Dec. 5	DCJS Role Players	4
Dec. 5	NYSP Land Navigation Drills	8
Dec. 6	EADS Training	14
Dec. 6	School Violence: Active Shooter Incident Awareness (Waterford/Halfmoon UFSD)	145
Dec. 9	School Violence: Active Shooter Incident Awareness (Madison/Oneida BOCES)	45
Dec. 9	TECC for LE (Utica Police Department)	22
Dec. 10	Authorized Central Storage Program	36

<b>Start Date</b>	<b>Course Name / Agency Usage</b>	<b>No. Trained</b>
Dec. 10	IRAS	29
Dec. 10	Social Media for Disaster Response and Recovery	17
Dec. 10	TECC for LE	16
Dec. 11	NYSEMA Executive Board Meeting	6
Dec. 11	TECC for LE (Utica Police Department)	26
Dec. 12	IMPACT Meeting (Oneida County Law Enforcement Coalition)	34
Dec. 12	TECC for LE T-t-T (morning session)	6
Dec. 13	TECC for LE T-t-T (morning session)	6
Dec. 13	TECC for LE T-t-T (afternoon session)	7
Dec. 13	TECC for LE (Utica Police Department)	30
Dec. 16	NOAA Weather-Spotter Class	41
Dec. 17	IRAS	29
Dec. 17	OFPC IIB Staff Training	49
Dec. 17	TECC for LE	29
Dec. 17	TECC for LE (Utica Police Department)	29
Dec. 18	FBI HRT Training	13
Dec. 19	School Resource Officer Coalition Meeting	5
Dec. 19	TECC for LE T-t-T (afternoon session)	13
Dec. 19	TECC for LE T-t-T (for OFPC)	10
Dec. 19	TECC for LE (Utica Police Department)	20
Dec. 20	TECC for LE T-t-T	25
Dec. 20	TECC for LE T-t-T (morning session)	7
<b>TOTAL</b>		<b>13,292</b>

## 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) 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 OFPC 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 conducted 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 more than 3,200 course deliveries. Firefighter training and education is 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 available.



Firefighter training (Source: OFPC)

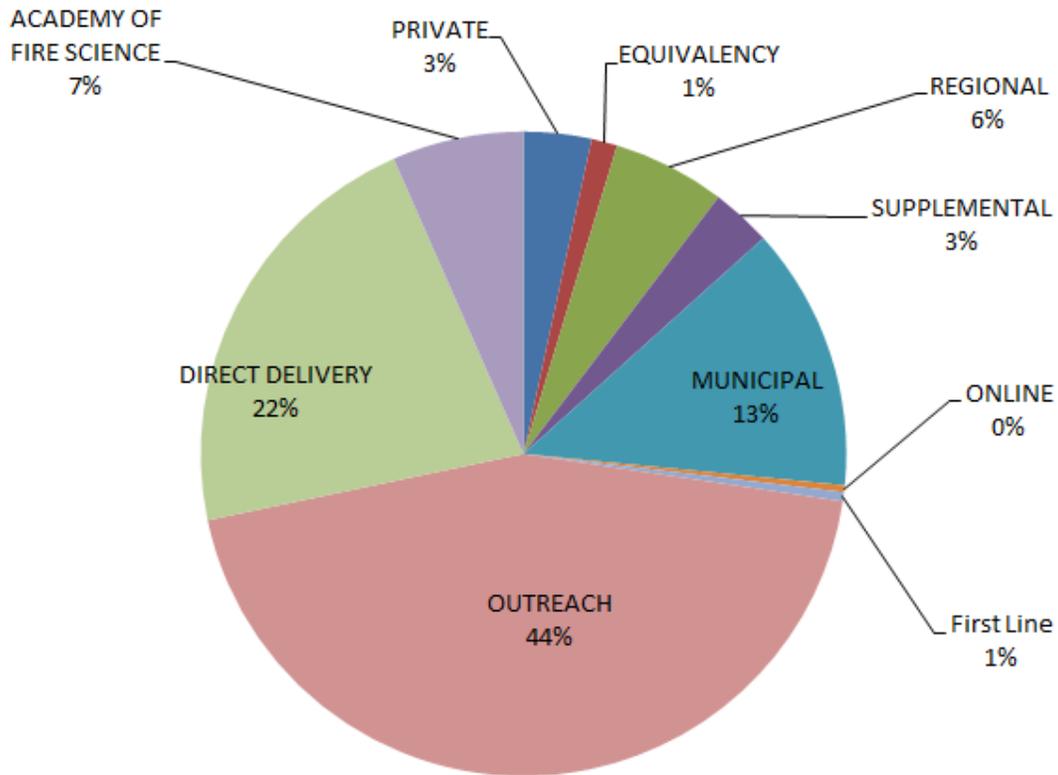
The demand for firefighter training continues to increase annually, with local fire officials requesting a 57% increase for 2013 from 2012 allocations. This increase reflects the efforts of fire departments to be prepared to respond to natural and man-made disasters and incidents of terrorism, the commitment 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.

Below 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. OFPC is exploring a partnership with SUNY’s Mohawk Valley Community College in piloting an Academy based program in online 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 and Steuben counties 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, number of times the courses were conducted, and number of firefighters and related personnel who completed the courses is listed in the table below.

Course Title	Courses Conducted	Student Completions
24 RFFT Fire Prevention Training	4	95
Accelerant Detection Canine Team Annual In-Service Training Workshop	1	8
Accident Victim Extrication Training	77	854
Advanced Hazardous Materials Technician	2	24
Advanced ICS for Command & General Staff Complex Incidents (I-400)	4	17
Advanced Legal Issues for the Volunteer Fire Service	2	45
Advanced Sampling Techniques for the Hazardous Materials Technician	1	26
Aircraft Rescue and Firefighting	7	74
Alternative Fueled Vehicles and New Vehicle Technology	4	0
Apparatus Operator - Aerial Device	34	213
Apparatus Operator - Emergency Vehicle Operations	86	1,149
Apparatus Operator - Pump	95	826
Basic Life Support and Hazardous Materials	1	39
Basic Structural Collapse Operations	22	350
Basic Trench Collapse Operations	1	0
Basic Wildland Fire Suppression	15	188
Basic Wildland Search Skills (DEC)	15	164
Bath Salts: The Latest Threat to Responders	3	49
Biological Terrorism: An Overview of the Threat	1	30
Bus Rescue (now School Bus Rescue (2Z))	1	1
Campus Safety and Awareness for Chemical Suicide Incidents	6	77
Canine Accelerant Detection Recertification	1	9
Cargo Truck-Hazardous Materials Specialist	2	30
CFC / Instructor Training / Scheduling Meeting	28	5
Chautauqua County Weekend	1	103
Chemical Suicides: Information for the Responder	25	160
Codes for Commercial Kitchens	1	57
Codes for Dummies	1	211
Company Officer Training Workshop	3	132
Concrete Breaching and Breaking	1	12
Conducting Live Fire Training Evolutions	30	330
Confined Space Rescue	1	1
Confined Space Rescue - Technician Level	13	82
Confined Space: Awareness and Safety	35	516
County Fire Coordinator Conference	1	61
Courage to Be Safe; Firefighter Life Safety Initiatives	33	499
CPR/AED OFPC Staff Training	2	23

Decontamination Trailer Equipment Training	1	18
Decontamination	12	176
Defense Against WMD Awareness	13	226
Domestic Preparedness Response to Radiation Incidents	1	8
Dutchess County Weekend	1	157
Electric Vehicle Safety for Emergency Responders	1	0
Electric Vehicle Safety for Emergency Responders	14	174
Electrical Fire Cause Determination I	4	51
Electrical Fire Cause Determination II	3	34
Elevator Emergencies	1	0
Emergency Response to Terrorism: Tactical Cons – HM (National Fire Academy (NFA))	1	15
Emergency Response to Chemical WMD Agents	1	30
Emergency Boat Operations and Rescue	1	15
Emergency Escape System TTT	3	32
Emergency Response to Ethanol Incidents	9	57
Emergency Service Dispatcher - Basic	1	21
Engine Company Operations	2	61
Engine Company Seminar	2	36
Evaluator Training	2	23
Everything a Firefighter Wants to Tell a Code Official	1	202
Executive Skills Series: Exercising Leadership to Facilitate Adaptive Change	1	0
FASNY EMS Conference	1	199
Fire Alarm Basics	2	59
Fire Alarm Systems Workshop	3	75
Fire And Life Safety Educator I	4	49
Fire Behavior and Arson Awareness	39	407
Fire Behavior and Arson Awareness / Principles Of Fire Investigation	4	99
Fire Extinguisher Maintenance	2	33
Fire Marshals and Inspectors Program	1	233
Fire Mutual Aid Resource Management	3	19
Fire Officer I	1	4
Fire Officer I (National Fire Protection Association (NFPA) 1021-2009 ED.)	55	500
Fire Officer II	3	34
Fire Officer III	1	4
Fire Police	55	634
Fire Reporting Workshop - Version 5.0	3	65
Fire Safety and Response for Law Enforcement	2	0
Fire Safety Culture: Who Protects Firefighters from Firefighters	1	0
Fire Safety during Construction and Demolition	2	57
Fire Safety for Direct Support Professionals (OPWDD)	167	1,232
Fire Safety Inspections at Correctional Facilities	1	18
Fire Scene Evidence Collection	1	20

Fire Service Explorer Weekend	2	0
Fire Service Instructor I	9	232
Fire Service Instructor II	4	76
Fire Service Women of New York State Training	1	65
Fire Sprinkler Plans Review	2	23
Fire Sprinkler Systems Workshop	2	44
Fire/Arson Investigation	3	61
Fire/Arson Investigation Seminar	1	375
Fire/Arson Investigation Specialty: Interviewing Techniques for Fire Investigator	1	16
Fire/Arson Investigation Specialty - Investigation Photography	2	22
Firefighter Assist And Search Team (FAST)	65	718
Firefighter I (w/ Hazardous Materials First Responder Operations (HMFRO))	173	1,619
Firefighter II	64	697
Firefighter Survival	121	1,140
First Line Supervisors Training Programs	4	80
First Receiver Decontamination	7	30
Flammable and Combustible Liquid Emergencies	1	31
Flammable Gas Emergency Response Workshop	2	49
Group Home Awareness for the Fire Service	2	45
Handling Elevator Emergencies	7	94
Hazardous Materials First Responder Awareness	18	182
Hazardous Materials First Responder Operations (HMFRO)	61	937
Hazardous Materials for the Code Official	5	116
Hazardous Materials Incident Command	12	123
Hazardous Materials Incident Safety Officer	2	21
Hazardous Materials Technician – Basic	20	355
Hazardous Materials Technician – Basic Refresher	33	404
Hazardous Materials Technician Refresher	2	14
Hazardous Materials Training Program	1	200
Health and Safety Officer (NFA)	14	200
Highway Safety for Emergency Responders	4	53
HMFRO Annual Refresher	80	1,232
IAAI Chapter 23 In-Service Program	1	26
Ice Rescue	2	34
Ice/Cold Water Rescue - Technician Level	6	76
ICS-100.B: Introduction to ICS	21	195
ICS-200.B: ICS for Single Resources and Initial Action Incidents	9	69
Incident Command for High-Rise Operations (NFA)	1	29
Incident Response to Terrorist Bombings	2	22
Incident Safety Officer (NFA)	41	472
In-Service Safety Training (OSHA Refresher)	3	333
In-Service Training	5	0
Instructor Development	1	16

Intermediate ICS for Expanding Incidents (I-300)	30	257
Introduction to Fire Officer	6	57
Introduction to Statewide Learning Management System (SLMS)	11	113
Introduction to Water Rescue	1	0
IS-700.A: National Incident Management System (NIMS): An Introduction	16	152
Juvenile Firesetter Intervention Specialist II	1	30
Juvenile Firesetter Symposium	1	47
Leadership I - Strategies for Company Success (NFA)	1	28
Leadership Seminar	2	48
Legal Issues for the Fire Service Instructor	3	17
Legal Issues for the Volunteer Fire Service	2	35
Live Fire Policy Training	1	17
Live Fire Training (NFPA 1403, 2012 Edition)	2	28
Live Fire Training Safety	35	517
Managing Company Tactical Operations: Decision Making (NFA)	1	28
Medium Structural Collapse Operations: Void Search and Rescue	3	15
Medium Structural Collapse Operations: Ext. Shoring	6	32
Medium Structural Collapse Operations: Int. Shoring	4	15
Medium Structural Collapse Concepts	1	30
Medium Structural Collapse Operations: Tools	9	65
Methamphetamine Labs and the Fire Marshal - What You Need to Know	6	183
MRI Awareness	2	55
IS-800: National Response Plan (NRP): An Introduction	2	3
NYPGA/PERC Propane Industry Responder's Conference	1	60
NYS Fire Services Training Weekend	1	55
NYS Instructor's Authorization Training Program	1	100
OFPC In-Service Training	1	0
OMH Safety and Security Officer Basic Fire Safety Training	1	0
On-Line Fire Reporting System Training	3	41
On-Scene Rehabilitation for Emergency Operations	17	117
Orange/Sullivan County Weekend	1	67
Oswego County Weekend	1	120
Passenger Train Emergency – Awareness	5	88
Passenger Train Emergency Rescue Procedures	4	40
Passenger Train Rescue Practical Skills	1	0
Personal Protective Equipment for the HazMat Operations-Level Responder	2	0
Politics and the White Helmet	1	0
Preparing for the Line of Duty Death	2	40
Principles of Building Construction: Combustible (NFA)	39	403
Principles of Building Construction: Non-Combustible (NFA)	23	367
Principles of Fire Investigation	18	185
Principles of Instruction	14	155
Public Education Series I	1	34

Public Fire Education Series II	1	39
Public Fire Education Series III	1	34
Public Fire Prevention Education Program	1	152
Pumper Service Testing	1	12
Recognizing Clandestine Drug Lab Operations	33	259
Recruit Firefighter Training	2	27
Refresher Training - 12 Hours	20	232
Refresher Training - 15 Hours	3	96
Refresher Training - 6 Hours	22	119
Refresher Training - 9 Hours	28	493
Regional Fire Administrators Conference	1	89
Rescue Heavy Rigging Operations	5	32
Rescue Tech - Basic/Confined Space - Tech Level	1	18
Rescue Technician – Basic	69	673
Respiratory Protection Program	5	70
Rope Rescue - Operations Level	6	72
Rope Rescue - Technician Level I	6	60
Rope Rescue - Technician Level II	3	26
Sampling Techniques for the Hazardous Materials Technician	1	23
SCBA Confidence	31	335
Scene Support Operations	75	571
School Bus Rescue	9	97
School Bus Rescue Practical Skills	10	130
Selected Legal Issues for the Volunteer Fire Service – County Weekend	1	28
Strategy and Tactics for Initial Company Operations (NFA)	19	290
Sullivan County Weekend	1	134
Swiftwater/Flood Rescue Technician	10	125
Technical Rescue Conference	1	213
The Challenge of Pesticides and Poisons	1	14
The Rules Have Changed: Firefighters’ Guide to Lightweight Wood Construction	6	59
Trench Rescue - Awareness Level	23	265
Trench Rescue - Operations Level	1	1
Truck Company Operations	43	515
Vehicle Arson Awareness Program (VAAP)	1	25
Vehicle Fire Investigation	2	28
Volunteer Fire Police Association Conference	1	197
Water Rescue - Awareness Level	37	449
Water Supply Operations	14	107
What am I Looking for? Inspections, Testing, Maintenance of Fire Systems	2	263
Why Sprinklered Buildings Burn	2	266
<b>TOTAL</b>	<b>2,585</b>	<b>32,345</b>

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

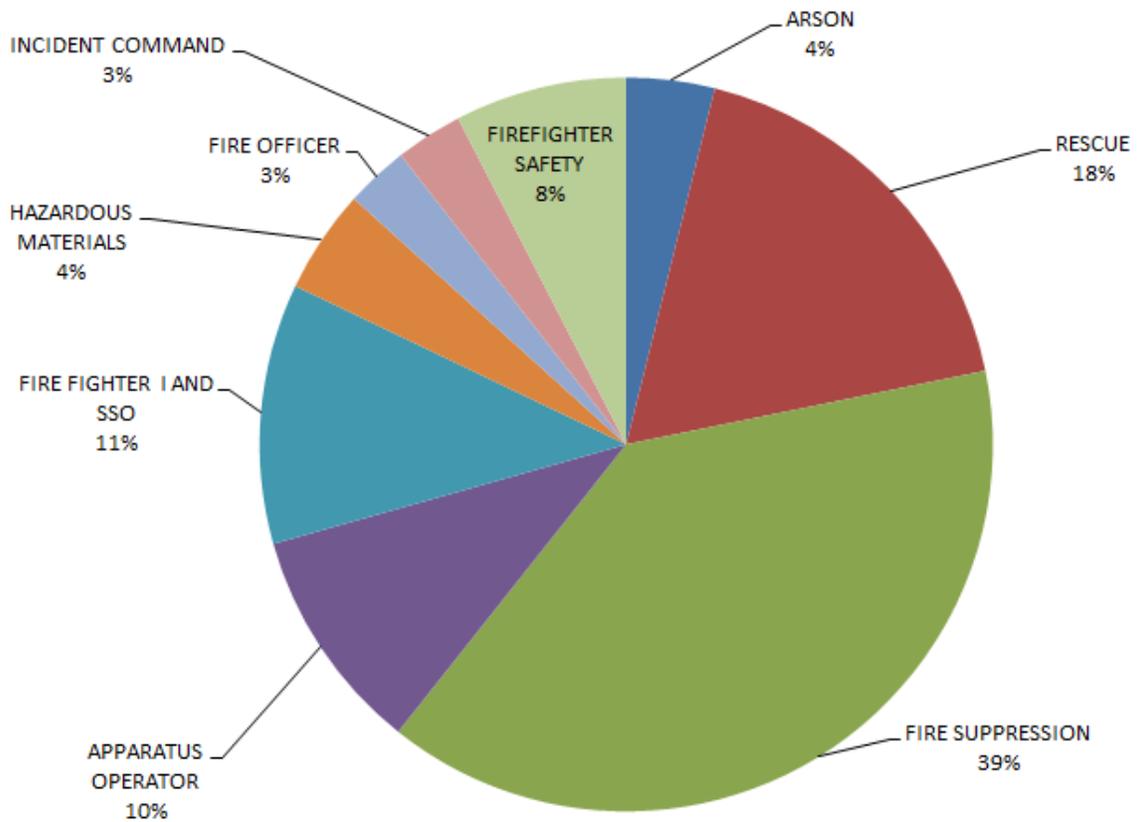
<b>County</b>	<b>Courses Conducted</b>	<b>Student Completions</b>
Albany	29	563
Allegany	17	247
Broome	23	507
Cattaraugus	8	150
Cayuga	17	333
Chautauqua	10	188
Chemung	7	91
Chenango	4	62
Clinton	11	164
Columbia	18	324
Cortland	15	253
Delaware	8	177
Dutchess	58	1,266
Erie	40	817
Essex	6	85
Franklin	20	241
Fulton	4	57
Genesee	26	475
Greene	12	150
Hamilton	1	13
Herkimer	4	74
Jefferson	8	138
Kings	9	149
Lewis	6	109
Livingston	10	155
Madison	3	39
Monroe	79	1,493
Montgomery	15	245
Nassau	18	492
New York	37	1,178
Niagara	25	471
Oneida	45	933
Onondaga	40	650
Ontario	17	239
Orange	74	1,560
Orleans	10	138
Oswego	20	454
Otsego	8	110
Putnam	8	131

County	Courses Conducted	Student Completions
Queens	15	279
Rensselaer	35	703
Rockland	21	554
Saratoga	19	347
Schenectady	15	265
Schoharie	14	224
Schuyler	161	5,204
Seneca	8	110
St. Lawrence	10	164
Steuben	9	167
Suffolk	40	1,463
Sullivan	27	610
Tioga	8	118
Tompkins	9	127
Ulster	25	423
Warren	11	159
Washington	8	158
Wayne	23	526
Westchester	118	2,455
Wyoming	12	154
Yates	16	220
Out Of State	12	238
Non-Chargeable	117	2,567

### *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 and Suffolk counties, 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 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 consistent with the previous year.

For State fiscal year 2013-2014, county fire coordinators have submitted requests for 3,591 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 2013-2014 are listed, for each county, on the following pages.

## Training Allocations

County	Instructor Assigned 2013	Actual Use 2010/2011	Actual Use 2011/2012	Allocation 2012/2013	Actual Use 2012/2013	Allocation 2013/2014	Actual Use 2013/2014	Outreach Course Request 14/15	Outreach Hours request 14/15	Projected Allocation 2014/15
Albany	9	1381	1691	1600	1422	1600	1380	90	1604	1600
Allegany	4	959	681	950	795	950	699	<b>66</b>	<b>2039</b>	950
Broome	6	1348	1139	1400	1353	1400	1215	<b>135</b>	<b>3340</b>	1400
Cattaraugus	4	561	909	950	889	950	591	24	878	950
Cayuga	6	1140	819	1200	1086	1300	964	104	1685	1300
Chautauqua	6	1270	991	1200	928	1200	845	<b>48</b>	<b>1477</b>	1200
Chemung	5	882	681	970	678	970	752	29	781	970
Chenango	4	697	596	750	713	750	526	47	824	750
Clinton	4	802	744	900	787	1000	812	<b>42</b>	<b>1148</b>	1000
Columbia	5	924	881	950	1111	1300	721	31	735	1300
Cortland	4	564	756	880	747	900	883	29	808	900
Delaware	3	684	361	750	709	800	612	<b>35</b>	<b>1086</b>	800
Dutchess	10	1531	1515	1650	1568	1700	2120	127	2895	2100
Erie	19	2601	2993	2900	3653	3000	2733	<b>196</b>	<b>5386</b>	3000
Essex	4	730	727	770	760	800	569	41	690	800
Franklin	4	907	753	950	694	950	594	<b>36</b>	<b>1062</b>	950
Fulton	3	477	489	770	369	770	532	23	803	770
Genesee	6	868	795	900	1131	1200	860	67	1086	1200
Greene	4	762	801	750	924	1100	791	67	1085	1100
Hamilton	2	261	117	450	301	450	259	<b>7</b>	<b>275</b>	450
Herkimer	6	848	647	880	941	1000	940	<b>29</b>	<b>1121</b>	1000
Jefferson	7	987	1002	1045	1035	1100	1193	99	1791	1100
Lewis	1	507	192	650	406	650	224	28	668	650
Livingston	4	831	488	880	502	880	805	<b>31</b>	<b>1029</b>	880
Madison	6	966	760	1000	1007	1200	831	58	1382	1200
Monroe	8	1381	1476	1600	1487	1600	1250	<b>81</b>	<b>2846</b>	1600
Montgomery	3	721	381	750	752	800	877	62	723	800
Niagara	5	1516	1586	1600	1334	1600	1108	89	2004	1600
Oneida	6	1151	1456	1550	1863	1900	1465	<b>96</b>	<b>2386</b>	1900
Onondaga	7	1532	1491	1685	2007	2100	2370	128	2860	2400
Ontario	4	922	1219	1300	755	1300	569	63	1457	1300
Orange	13	2126	2489	2600	2647	2700	2524	155	3819	2700
Orleans	3	608	965	1000	551	1000	681	49	1029	1000
Oswego	5	671	1037	770	1130	1200	1181	<b>33</b>	<b>1128</b>	1200
Otsego	4	298	481	700	633	750	376	36	802	750
Putnam	7	851	821	900	996	1000	1034	42	1346	1000
Rensselaer	8	2091	1536	2100	2117	2200	2321	89	2162	2200
Rockland	9	1761	1806	1800	1611	1800	1249	<b>35</b>	<b>1730</b>	1800
St. Lawrence	6	1236	1137	1320	1136	1350	891	<b>66</b>	<b>1775</b>	1350
Saratoga	6	1262	1540	1500	1748	1900	1764	82	2053	1900
Schenectady	6	631	648	1000	902	1000	896	<b>35</b>	<b>1154</b>	1000
Schoharie	4	331	380	660	699	800	613	44	597	800
Schuyler	4	532	448	660	424	660	299	<b>24</b>	<b>572</b>	660

County	Instructor Assigned 2013	Actual Use 2010/2011	Actual Use 2011/2012	Allocation 2012/2013	Actual Use 2012/2013	Allocation 2013/2014	Actual Use 2013/2014	Outreach Course Request 14/15	Outreach Hours request 14/15	Projected Allocation 2014/15
Seneca	3	1002	1097	1100	721	1100	554	53	1095	1100
Steuben	6	598	651	800	750	800	724	56	933	800
Sullivan	5	1341	1660	1700	1123	1700	1568	69	1513	1700
Tioga	3	608	583	770	464	770	532	43	1160	770
Tompkins	4	685	870	770	557	770	966	15	759	770
Ulster	6	1119	1240	1350	1357	1500	1551	106	2348	1500
Warren	4	873	830	990	792	990	1066	46	1065	990
Washington	4	808	517	890	498	890	530	52	1072	890
Wayne	3	724	639	800	871	1000	711	105	1334	1000
Westchester	15	2001	1992	2200	2550	2700	2260	<b>358</b>	<b>9596</b>	2700
Wyoming	5	688	625	800	707	800	667	<b>62</b>	<b>1341</b>	800
Yates	4	708	648	800	561	800	449	<b>39</b>	<b>707</b>	800
Sfi Hours Total	301	54264	53777	62560	58252	67400	55497	3702	89044	68100

**14/15 Req Are Based From 13/14**

Student completions, by course, are listed below.

<b>Course Title</b>	<b>Courses Conducted</b>	<b>Student Completions</b>
Accident Victim Extrication Training	25	258
Aircraft Rescue and Firefighting	5	62
Apparatus Operator - Aerial Device	12	89
Apparatus Operator - Emergency Vehicle Operations	50	508
Apparatus Operator - Pump	74	558
Basic Structural Collapse Operations	11	286
CFC / Instructor Training / Scheduling Meeting	28	5
Conducting Live Fire Training Evolutions	20	181
Confined Space: Awareness and Safety	15	153
Courage to be Safe: Firefighter Life Safety Initiatives	22	350
Defense Against Weapons Of Mass Destruction (WMD) Awareness	4	51
Electric Vehicle Safety for Emergency Responders	14	174
Emergency Escape System TTT	3	32
Fire Behavior and Arson Awareness	26	257
Fire Officer I (NFPA 1021-2009 Ed.)	46	379
Fire Police	15	189
Fire Service Instructor I	1	24
FAST	43	417
Firefighter I (w/HMFRO)	135	1,120
Firefighter II	46	398
Firefighter Survival	94	746
Hazardous Materials First Responder Awareness	7	103
HMFRO	22	155
Health and Safety Officer (NFA)	8	84
Highway Safety for Emergency Responders	1	10
HMFRO Annual Refresher	49	904
ICS-100.B: Introduction to ICS	10	27
ICS-200.B: ICS for Single Resources and Initial Action Incidents	4	16
Incident Safety Officer (NFA)	31	332
Intermediate ICS for Expanding Incidents (I-300)	7	54
IS-700.A: NIMS: An Introduction	8	24
Live Fire Training (NFPA 1403, 2012 Edition)	1	14
Live Fire Training Safety	25	365
MRI Awareness	1	28
On-Scene Rehabilitation for Emergency Operations	11	57
Principles Of Building Construction: Combustible (NFA)	27	207
Principles Of Building Construction: Noncombustible (NFA)	16	194
Principles of Instruction	7	86
Refresher Training - 12 Hours	11	157

Course Title	Courses Conducted	Student Completions
Refresher Training - 6 Hours	16	98
Refresher Training - 9 Hours	10	174
Rescue Technician - Basic	44	361
Rope Rescue - Operations Level	1	14
SCBA Confidence	19	95
Scene Support Operations	50	438
Strategy and Tactics for Initial Company Operations (NFA)	11	189
The Rules Have Changed: Firefighters' Guide to Lightweight Wood Construction	4	17
Trench Rescue - Awareness Level	13	218
Truck Company Operations	29	253
Water Rescue - Awareness Level	20	401
Water Supply Operations	12	91
<b>TOTAL</b>	<b>1,164</b>	<b>11,403</b>

Nassau County and Suffolk County have 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. 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, number of times the courses were conducted, and number of firefighters and related personnel who completed the courses are listed on the following page.

<b>Course Title</b>	<b>Courses Conducted</b>	<b>Student Completions</b>
Accident Victim Extrication Training	11	187
Advanced ICS for Command and General Staff Complex Incidents I-400	3	
Apparatus Operator - Aerial Device	11	123
Apparatus Operator - Emergency Vehicle Operations	22	448
Apparatus Operator - Pump	17	213
Basic Structural Collapse Operations	9	20
Basic Wildland Fire Suppression	4	63
Conducting Live Fire Training Evolutions	4	4
Confined Space Rescue - Technician Level	11	63
Confined Space: Awareness and Safety	11	247
Courage to be Safe: Firefighter Life Safety Initiatives	5	66
Defense Against Weapons of Mass Destruction (WMD) Awareness	7	140
Fire Behavior and Arson Awareness	7	67
Fire Officer I	1	4
Fire Officer I (NFPA 1021-2009 Ed.)	3	4
Fire Police	2	28
Fire Reporting Workshop - Version 5.0	1	18
Fire Service Instructor I	3	80
FAST	15	232
Firefighter I (w/HMFRO)	23	350
Firefighter II	11	192
Firefighter Survival	14	236
First Line Supervisors Training Programs	4	80
Handling Elevator Emergencies	1	17
Hazardous Materials First Responder Awareness	6	21
HMFRO	19	476
HMFRO Annual Refresher	7	73
ICS-100.B: Introduction to ICS	5	66
ICS-200.B: ICS for Single Resources and Initial Action Incidents	4	35
Intermediate ICS for Expanding Incidents (I-300)	2	9
Introduction to Fire Officer	6	57
IS-700.A: NIMS: An Introduction	5	54

<b>Course Title</b>	<b>Courses Conducted</b>	<b>Student Completions</b>
Live Fire Training Safety	4	4
Passenger Train Emergency Rescue Procedures	1	17
Principles of Building Construction: Combustible (NFA)	8	158
Principles of Building Construction: Noncombustible (NFA)	6	161
Principles of Fire Investigation	4	80
Principles of Instruction	3	32
Refresher Training - 9 Hours	10	252
Rescue Technician - Basic	16	175
SCBA Confidence	8	176
Scene Support Operations	6	6
Trench Rescue - Awareness Level	4	32
Trench Rescue - Awareness Level	6	14
Truck Company Operations	11	202
Water Rescue - Awareness Level	6	24
<b>TOTAL</b>	<b>347</b>	<b>5,008</b>

## 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 2013 and six courses are planned for 2014.

### *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 have been fulfilled.

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

<b>Course Title</b>	<b>Courses Conducted</b>	<b>Student Completions</b>
Accident Victim Extrication Training	2	28
Apparatus Operator - Emergency Vehicle Operations	8	99
Conducting Live Fire Training Evolutions	5	128
Confined Space: Awareness and Safety	2	59
Fire Behavior and Arson Awareness	2	66
Fire Police	5	110
FAST	3	38
Firefighter I (w/ HMFRO)	6	61
Firefighter II	4	31
Firefighter Survival	5	66
Handling Elevator Emergencies	5	57
HMFRO	2	18
Health and Safety Officer (NFA)	1	28

Course Title	Courses Conducted	Student Completions
HMFRO Annual Refresher	5	182
Incident Safety Officer (NFA)	2	13
Live Fire Training Safety	5	131
Principles of Building Construction: Combustible (NFA)	1	17
Principles of Instruction	1	11
Refresher Training - 6 Hours	4	21
Rescue Technician - Basic	3	51
SCBA Confidence	1	7
Scene Support Operations	6	72
Truck Company Operations	1	12
<b>TOTAL</b>	<b>79</b>	<b>1,306</b>

### *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 knowledge, skills, and abilities through education and training as well as share 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.



**New York State Recruit Firefighter Training Program**  
(Source: OFPC)

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 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, 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.



NYS Academy of Fire Science, Montour Falls (Source: OFPC)

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, re-pavement 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 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.

<b>Course Title</b>	<b>Courses Conducted</b>	<b>Student Completions</b>
24 RFFT Fire Prevention Training	2	48
Accelerant Detection Canine Team Annual In-Service Training Workshop	1	8
Accident Victim Extrication Training	7	133
Advanced Hazardous Materials Technician	1	24
Advanced ICS for Command and General Staff Complex Incidents (I-400)	1	15
Advanced Legal Issues for the Volunteer Fire Service	1	9
Aircraft Rescue and Firefighting	1	12
Apparatus Operator - Emergency Vehicle Operations	2	49
Apparatus Operator - Pump	2	47
Basic Life Support and Hazardous Materials	1	39
Basic Structural Collapse Operations	1	17
Canine Accelerant Detection Recertification	1	9
Cargo Truck - Hazardous Materials Specialist	2	30
Chautauqua County Weekend	1	103
Concrete Breaching and Breaking	1	12
Confined Space Rescue - Technician Level	1	18
Confined Space: Awareness and Safety	3	56
County Fire Coordinator Conference	1	61
Courage to be Safe: Firefighter Life Safety Initiatives	2	47
CPR/AED OFPC Staff Training	2	23
Dutchess County Weekend	1	157
Electrical Fire Cause Determination I	3	36
Electrical Fire Cause Determination II	3	34
Emergency Response to Chemical WMD Agents	1	30
Emergency Response to Ethanol Incidents	1	14
Engine Company Operations	1	52
FASNY EMS Conference	1	199
Fire Alarm Systems Workshop	2	46
Fire and Life Safety Educator I	4	49
Fire Behavior and Arson Awareness	1	10
Fire Behavior and Arson Awareness / Principles Of Fire Investigation	4	99
Fire Extinguisher Maintenance	2	33
Fire Marshals and Inspectors Program	1	233
Fire Officer I (NFPA 1021-2009 Ed.)	3	69
Fire Officer II	2	32
Fire Officer III	1	4

<b>Course Title</b>	<b>Courses Conducted</b>	<b>Student Completions</b>
Fire Reporting Workshop – Version 5.0	2	47
Fire Scene Evidence Collection	1	20
Fire Service Instructor I	5	128
Fire Service Instructor II	2	39
Fire Service Woman of New York State Training	1	65
Fire Sprinkler Plans Review	2	23
Fire Sprinkler Systems Workshop	2	44
Fire/Arson Investigation	3	61
Fire/Arson Investigation Seminar	1	375
Fire/Arson Investigation Specialty - Interviewing Techniques for the Fire Investigator	1	16
Fire/Arson Investigation Specialty - Invest Photography	2	22
FAST	1	10
Firefighter I (w/ HMFRO)	3	60
Firefighter II	2	47
Firefighter Survival	4	64
Flammable and Combustible Liquid Emergencies	1	31
Flammable Gas Emergency Response Workshop	2	49
HMFRO	3	54
Hazardous Materials for the Code Official	1	3
Hazardous Materials Incident Safety Officer	1	10
Hazardous Materials Technician - Basic	3	67
Hazardous Materials Training Program	1	200
Health and Safety Officer (NFA)	1	30
Ice/Cold Water Rescue - Technician Level	2	44
Incident Command for High-Rise Operations (NFA)	1	29
Incident Safety Officer (NFA)	1	5
In-Service Safety Training (OSHA Refresher)	2	115
Intermediate ICS for Expanding Incidents (I-300)	2	14
Juvenile Firesetter Intervention Specialist II	1	30
Juvenile Firesetter Symposium	1	47
Leadership I - Strategies for Company Success (NFA)	1	28
Legal Issues for the Volunteer Fire Service	2	35
Managing Company Tactical Operations: Decision Making (NFA)	1	28
Medium Structural Collapse Concepts	1	30
Medium Structural Collapse Operations: Tools	2	42
NYPGA/PERC Propane Industry Responder's Conference	1	60
On-Scene Rehabilitation for Emergency Operations	1	32
Orange/Sullivan County Weekend	1	67
Oswego County Weekend	1	120
Preparing for the Line of Duty Death	1	11

<b>Course Title</b>	<b>Courses Conducted</b>	<b>Student Completions</b>
Principles Of Building Construction: Combustible (NFA)	1	19
Principles Of Building Construction: Noncombustible (NFA)	1	11
Public Fire Prevention Education Program	1	152
Pumper Service Testing	1	12
Recruit Firefighter Training	2	27
Refresher Training - 12 Hours	3	44
Refresher Training - 15 Hours	2	26
Refresher Training - 9 Hours	2	8
Regional Fire Administrators Conference	1	89
Rescue Heavy Rigging Operations	1	15
Rescue Tech - Basic/Confined Space - Tech Level	1	18
Rescue Technician – Basic	3	60
Rope Rescue - Operations Level	2	34
Rope Rescue - Technician Level I	2	36
Rope Rescue - Technician Level II	1	20
SCBA Confidence	3	57
Selected Legal Issues for the Volunteer Fire Service – County Weekend	1	28
Strategy and Tactics for Initial Company Operations (NFA)	3	54
Sullivan County Weekend	1	134
Swiftwater/Flood Rescue Technician	3	58
The Rules Have Changed: Firefighters’ Guide to Lightweight Wood Construction	1	12
Truck Company Operations	2	47
Vehicle Fire Investigation	2	28
Volunteer Fire Police Association Conference	1	197
<b>TOTAL</b>	<b>173</b>	<b>5,245</b>

## *Hazardous Materials Emergency Response Training*



Firefighter Training (Source: OFPC)

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 37 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 (16) 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 40 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 (NFPA) 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.

<b>Course Title</b>	<b>Courses Conducted</b>	<b>Student Completions</b>
Advanced Hazardous Materials Technician	2	24
Advanced Sampling Techniques for the Hazardous Materials Technician	1	26
Basic Life Support and Hazardous Materials	1	39
Bath Salts: The Latest Threat to Responders	3	49
Biological Terrorism: An Overview of the Threat	1	30
Campus Safety and Awareness for Chemical Suicide Incidents	6	77
Cargo Truck - Hazardous Materials Specialist	2	30
Chemical Suicides: Information for the Responder	25	160
Decontamination Trailer Equipment Training	1	18
Decontamination	12	176
Defense against Weapons of Mass Destruction (WMD) Awareness	13	226
Domestic Preparedness Response to Radiation Incidents	1	8
Emergency Response to Terrorism: Tactical Cons: HM (NFA)	1	15
Emergency Response to Chemical WMD Agents	1	30
Emergency Response to Ethanol Incidents	9	57
First Receiver Decontamination	7	30
Flammable and Combustible Liquid Emergencies	1	31
Flammable Gas Emergency Response Workshop	2	49
Hazardous Materials First Responder Awareness	18	182
HMFRO	61	937
Hazardous Materials for the Code Official	5	116
Hazardous Materials Incident Command	12	123
Hazardous Materials Incident Safety Officer	2	21
Hazardous Materials Technician - Basic	20	355
Hazardous Materials Technician Basic Refresher	33	404
Hazardous Materials Technician Refresher	2	14
Hazardous Materials Training Program	1	200
HMFRO Annual Refresher	80	1,232
Incident Response to Terrorist Bombings	2	22
Methamphetamine Labs and the Fire Marshal - What You Need to Know	6	183
NYPGA/PERC Propane Industry Responder's Conference	1	60
Recognizing Clandestine Drug Lab Operations	33	259
Respiratory Protection Program	5	70
Sampling Techniques for the Hazardous Materials Technician	1	23
The Challenge of Pesticides and Poisons	1	14
<b>TOTAL</b>	<b>372</b>	<b>5,290</b>

### *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 2011.

The title of each fire and arson investigation course conducted, number of times the courses were conducted, and 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 was augmented with a \$150,000 homeland security training grant.

OFPC received technical rescue training course requests which exceed available resources and a backlog of course requests continues to exist. OFPC took 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 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 2013-2014, county fire coordinators have submitted requests for over 148 technical rescue courses totaling more than 5,500 course hours.

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

<b>Course Title</b>	<b>Courses Conducted</b>	<b>Student Completions</b>
Advanced Legal Issues for the Volunteer Fire Service	1	36
Apparatus Operator - Emergency Vehicle Operations	2	33
Apparatus Operator - Pump	1	7
Basic Structural Collapse Operations	1	27
Company Officer Training Workshop	3	132
Conducting Live Fire Training Evolutions	1	17
Courage to be Safe: Firefighter Life Safety Initiatives	2	18
Defense Against Weapons of Mass Destruction Awareness	1	34
Engine Company Operations	1	9
Engine Company Seminar	2	36
Fire Officer I (NFPA 1021-2009 Ed.)	3	48
Fire Officer II	1	2
Fire Safety Inspections at Correctional Facilities	1	18
Fire Service Instructor II	2	37
FAST	2	20
Firefighter I (w/ HMFRO)	4	17
Firefighter II	1	28
Firefighter Survival	2	15
HMFRO	4	45
Health and Safety Officer (NFA)	4	58
Highway Safety for Emergency Responders	3	42
ICS-100.B: Introduction to ICS	2	30
Incident Safety Officer (NFA)	7	122
Instructor Development	1	16
Intermediate ICS for Expanding Incidents (I-300)	12	68
Leadership Seminar	2	48
Legal Issues for the Fire Service Instructor	3	17
Live Fire Policy Training	1	17
Live Fire Training (NFPA 1403, 2012 Edition)	1	14
Live Fire Training Safety	1	17
Medium Structural Collapse Operations: Void Search and Rescue	3	15

Course Title	Courses Conducted	Student Completions
Medium Structural Collapse Operations: Ext. Shoring	6	32
Medium Structural Collapse Operations: Int. Shoring	4	15
Medium Structural Collapse Operations: Tools	7	23
MRI Awareness	1	27
On-Scene Rehabilitation for Emergency Operations	5	28
Passenger Train Emergency – Awareness	2	48
Preparing for the Line of Duty Death	1	29
Principles of Instruction	3	26
Refresher Training - 12 Hours	4	9
Refresher Training - 9 Hours	1	7
Rescue Heavy Rigging Operations	4	17
Rescue Technician - Basic	3	25
Rope Rescue - Operations Level	2	6
Rope Rescue - Technician Level I	3	6
Rope Rescue - Technician Level II	2	6
Scene Support Operations	13	54
Strategy and Tactics for Initial Company Operations (NFA)	5	47
Swiftwater/Flood Rescue Technician	6	45
Water Rescue - Awareness Level	1	10
<b>TOTAL</b>	<b>148</b>	<b>1,503</b>

### *Firefighter Training Outside of New York State*

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 (NFA) 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 (USDHS), or other organizations.

#### National Fire Academy

The National Fire Academy (NFA) 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 NFA for training targeted to middle and high level fire officers. OFPC partners with the NFA to increase the opportunities for New York State firefighters to receive NFA 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.

<b>Program Name</b>	<b>Program Description</b>	<b>Location</b>	<b>No. Attendees</b>
Firehouse Expo	Professional Conference	Baltimore, MD	170
EMS Today	Professional Conference	Baltimore, MD	31
Various Classes	International HazMat Conference	Baltimore, MD	4
Various Classes	Institution of Higher Education	Emmitsburg, MD	2
NYS Weekend	NYS Weekend	Emmitsburg, MD	208
FDIC	Professional Conference	Indianapolis, IN	105
Fire Rescue International	Professional Conference	Las Vegas, NV	4
Incident Response to Terrorist Bombings	Professional Conference	New Mexico	2
Incident Response to Terrorist Bombings	Institution of Higher Education	Orlando FL	4
	Institution of Higher Education	Anniston, AL	2
	Institution of Higher Education	New Orleans, LA	2
Symposium in the Sun	Professional Conference	Clearwater FL	2
Company Officer Leadership Courses	Professional Conference	Chicago, IL	15
Various	Professional Conference	Various	20

## Public Affairs

As ombudsman for the NYS Division of Homeland Security and Emergency Services, and its branch offices, Public Affairs staff prepared responses to inquiries from the public and federal, State, and local legislators requesting assistance and information on the emergency management program.

Public Affairs staff assisted with the following activities:

- **DPC Meetings:** Public Affairs staff spearheaded efforts to organization and conduct five DPC meetings (April 17; July 10; August 7; October 23; and December 18), including notifications (e.g., Open Meeting Law), room setup, invitations to meeting attendees, coordination of speakers and presentations, and recording and transcription.
- **Governor’s Correspondence:** Public Affairs staff addressed constituent and legislative correspondence regarding emergencies, disasters, and public safety with assistance from the appropriate division or section within DHSES. As of December 31, Public Affairs responded to 60 constituent inquiries and 28 Legislative inquiries.
- **Radiological Emergency Preparedness (REP) Program:** Staff worked in partnership with the Public Information Officers (PIOs) and emergency managers of the seven counties surrounding commercial nuclear power generating sites in the State in implementing a training program to meet the counties’ individualized training needs in the REP program.
- **Herkimer County Flooding Event (June/July):** Public Affairs staff was deployed to assist with the Mohawk Valley flooding in Herkimer County, including all public information communications and coordination of information between State and local officials.
- **Governor’s Emergency Preparedness Conference (Oct. 29):** Public Affairs staff coordinated with the Governor’s Office to plan and implement the conference held in Albany; approximately 500 emergency response personnel, elected officials and community leaders attended.
- **Emergency Management Certification Academy – Tiers 1 and 2 (Nov. 18-21):** Public Affairs played a key role in planning and implementation of the four-day conference, held in Albany, including teaching the “Using Social Media in Disasters” module.
- **Governor’s Citizen Preparedness Corps Training:** Public Affairs, in cooperation with NYSOEM, OFPC and DMNA, developed outreach materials for the Citizen Preparedness Corps Training, Governor Cuomo’s initiative that began in mid-January 2014, and was held at a variety of locations across the State. The training course provides an introduction to responding to a natural or man-made disaster; participants are advised on how to properly prepare for disasters, including developing a family emergency plan

and stocking up on emergency supplies. Trainings sessions have been led by representatives from the New York National Guard and experts from DHSES / NYSOEM and OFPC.

### *Training*

DHSES Public Affairs staff taught the FEMA Basic Public Information Course (G-290) to local government officials, state employees and first responders:

Date	Location	No. Attendees
Apr. 24-25	Ithaca	19
May 29-30	Auburn	20
Oct. 9-10	Owego	23
Dec. 10-11	Albany	19

### *Public Outreach*

For several years, DHSES has been reaching out to citizens across the State to provide life-safety information. Each year, DHSES Public Affairs attempts to reach a larger number of New Yorkers.

DHSES attended the Great New York State Fair from August 22 to September 2. Volunteers from all parts of the Division assisted Public Affairs in staffing the DHSES display, which was visited by more than 11,000 people, an increase of more than 3,000 people from 2012.

During the NYS Fair, the following items were distributed to attendees:

- Safety tubes – first aid kit, emergency blanket, whistle, etc. (6,750)
- Emergency Information Handbooks (2,470)
- Aware/Prepare brochures (more than 4,000)
- NY-ALERT brochures (more than 500)
- State Preparedness Training Center brochures (500)
- Safeguard NY
  - Brochures (600)
  - Wallet cards (1,540)
  - Magnets (1,900)
  - Bumper stickers (1,300)



DHSES Display at the New York State Fair in Syracuse: August 2013 (Source: DHSES)

- Window clings (700)
- Pens (929)
- Aware/Prepare
  - Lanyards (4,750)
  - Keychain flashlights (4,750)
  - Wristbands (4,250)

Children who visited the Office of Fire Prevention and Control (OFPC) display were provided with fireman's helmets (more than 800 distributed); adults were provided with fire safety brochures.

DHSES Public Affairs staff attended and provided outreach materials and displays at several other conferences, including:

- Institute for Disaster Mental Health Conference
- State Fire Chiefs Convention
- New York Tactical Officers Association Convention
- Vital Signs Statewide Emergency Medical Service (EMS) Conference

These conventions were attended by more than 3,500 fire, law enforcement or EMS persons who stopped and obtained information on emergency preparedness and counter-terrorism information to take to their home organizations.

In addition, DHSES Public Affairs personnel staffed displays at several county fairs and provided information packets to many counties, volunteer fire companies, scout troops, and housing associations.

#### *Social Media*

Public Affairs staff used Twitter to provide safety tips and situational awareness during emergencies and disasters to the public. As of December 31, 2013, staff disseminated 3,934 tweets, and the DHSES Twitter account gained 7,130 followers.

## STATE AGENCY REPORTS

### Office for the Aging

NYS Office for the Aging (OFA) works with 59 county-based area agencies on aging and more than 1,200 sub-contractors to create a network of community-based and support services for older New Yorkers and their caregivers. This community-based, statewide network allows NYSOFA to get information out and provide training, as well as receive information during natural and man-made disasters.

In 2013, OFA:

- Updated its Disaster Preparedness and Response Manual and has organized staff to be ready to respond to the needs of older adults in New York State during and after a disaster. Staffing coverage included a two-week schedule/cycle of staff trained and ready to provide 24-hour coverage at the State EOC.
- Included staff roles, responsibilities, and training in all agency job descriptions regarding disaster management. The OFA Disaster Response Team includes Executive Management and core staff who focus on disaster activities and work with all OFA staff to ensure awareness of disaster duties.
- All staff provided emergency response information and encouraged to complete training courses so that NIMS-compliance was maintained.
- Provided vital information to county-based Area Agencies on Aging (AAAs) through various conference calls and networking activities regarding disaster response, and organized statewide webinar on disaster preparedness and establishing disaster planning partners in communities with DHSES, Red Cross, New York City Department for the Aging (DFTA) and Suffolk County Office for the Aging (SCOFA).
- Coordinated with DHSES training designed to inform county AAAs regarding role of Disaster Case Management (DCM) services; topics included State structure and local government integration, importance of local planning efforts, practices in emergency response, planning and assessing emergency response ability of older adults, participating in local emergency response planning, addressing needs of older persons during times of crisis and recovery, and key local partners.
- Developed protocols to determine locations that have high concentrations of vulnerable populations that can be plotted on maps to help pre-position and deploy emergency assets, including older adults, locations of OPWDD and OMH community residences, hospitals, nursing homes, and adult care facilities.
- Secured ITS assistance to develop an electronic version of OFA's disaster response resource manual, which contains updated contact information for directors of each county office for the aging and other useful references to assist OFA in responding to a disaster. Access to the manual is available via the internet so that OFA staff could view it from remote locations and at OFA's State EOC desk.

- Reached out to each impacted, county-based AAA during winter and other storms as directed by the declarations from the Governor.
- Developed “Information for Older Persons and Family Caregivers” document during Superstorm Sandy that lists OFA toll-free Senior Citizens Helpline, provides information about county-based services for older adults, links to New York State’s benefit platform ([mybenefits.ny.gov](http://mybenefits.ny.gov)), health insurance issues and who to contact if medication replacement is needed, federal disaster assistance, locations of local offices of emergency management, where to find local shelters, and how to volunteer. This outreach and information strategy will be used as a template in future disasters.
- Compiled list of senior centers and congregate meal sites statewide that could be used as shelters or warming stations. The lists, as well as contact information, are updated regularly.
- Participated in discussions with Red Cross and the State’s Voluntary Agency Liaison (VAL) at DHSES on developing a pamphlet of disaster preparedness tips for older New Yorkers and ways to link local Red Cross chapters with local AAAs. This partnership allows for a better understanding of both networks and the opportunity for cross-training and collaboration around disaster planning activities.
- Participated in NYSOEM quarterly Human Services Executive Committee meetings.
- Participated in Special Needs Recovery Weekly Task Force calls.

### **Department of Agriculture and Markets**

The NYS Department of Agriculture and Markets (DAM) is a member of the Radiological Emergency Preparedness (REP) Workgroup, which meets regularly to improve the State’s preparedness for nuclear power plant emergencies, and satisfy federal REP requirements. Initiatives include a review and enhancement of Ingestion Pathway protocol within the State Radiological Emergency Preparedness Plan (REPP); the development of a comprehensive guide on radiological emergency preparedness for the food and agriculture industry; and Ingestion Pathway preparedness workshops planned for emergency management and agriculture representatives within a 50-mile radius of nuclear power plants. The agriculture and food preparedness guide will be distributed through the county offices of Cornell Cooperative Extension (CCE) and the CCE Extension Disaster Education Network (EDEN).

The Division of Weights and Measures remained actively involved in Governor Cuomo’s Emergency Gasoline Network (“Fuel NY”) initiative, which requires strategically-located gas stations in the downstate region to install transfer switches and be “generator-ready” in the event of an energy loss such as the one experienced during Superstorm Sandy. DAM mailed correspondence to more than 1,400 gas stations in the downstate region explaining the requirements and the grant application process. Under the initiative, grants are available from the State to help cover the cost of the switch installation. In addition, the DAM reviewed more than 350 requests for exemption from the initiative, and visited more than 600 stations to explain the requirements and emphasize the importance of meeting deadlines. This initiative will enhance resiliency should another event like Sandy occur. Motor fuel will continue to be

available for affected communities and emergency personnel working through response and recovery.

The Division of Land and Water Resources is a member of the State Committee of Soil and Water Conservation Districts (SWCD). The SWCD passed a resolution in May supporting Conservation Districts' roles in Post-Flood Emergency Stream Intervention. The State Committee recognized that Conservation Districts maintain the expertise necessary to deliver technical training and assistance to municipal equipment operators and contractors in order to provide environmentally-friendly, post-flood stream response. The Emergency Stream Intervention Program was designed for immediate post-flood corrective action or triage by local municipalities, working with the stream's natural tendencies while protecting aquatic habitat. In May, the Delaware County SWCD began hosting a three-day comprehensive train-the-trainer program for Conservation District personnel across the state to bring the training and core functions of the program back to their District and Watershed Region. This effort resulted in the certification of 21 District professionals to offer the hands-on, three-day training course for Highway Superintendents, municipal officials and construction operators.

The Division of Food Laboratory remained engaged in the development of a food safety rapid response team (NY-RRT). NY-RRT was formed through a five-year U.S. Food and Drug Administration (FDA) Cooperative Agreement and includes partners from multiple divisions within the department, DOH, and FDA (New York District Office). The NY-RRT is one of 19 other rapid response teams across the U.S. formed with the goal of improving speed and efficiency in response to food safety emergencies (e.g., outbreaks, recalls, etc.) NY-RRT engaged in response activities related to foodborne outbreaks, ensured that team members were trained in appropriate levels of ICS, as well as planning for more advanced training specifically designed with an emphasis on food emergency response. The NY-RRT also developed a response training and exercise program for key team members to develop response protocols. Multiple NY-RRT members were trained to staff the State EOC and the NY-RRT Coordinator completed the State EOC Planning Section week-long training course.

The Division of the State Fair continued to collaborate with local, county, and state emergency response agencies to improve the New York State Fairgrounds CEMP. Meetings were held regularly to develop plans for all hazards and procedures for critical tasks. Active Shooter and Joint Information System (JIS) planning were the most recent focus.

The Division of Animal Industry collaborated on a workshop to draft and develop a response plan for utilization of the National Veterinary Stockpile in the event of an incursion of a foreign animal disease within New York State. The plan was written and approved by DAM and U.S. Department of Agriculture (USDA). The Division also updated the Emerging Infectious Diseases in Non-Human Populations Appendix to the State CEMP to reflect recent changes within the Division.

Lastly, DAM continued to update and improve its COOP Plan and Emergency Operations Guide to facilitate a seamless transition of DAM resources to continue mission essential functions and meet the needs of DPC responsibilities.

### **Office of Children and Family Services**

The NYS Office of Children and Family Services (OCFS) maintained its COOP Plan 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 maintains a list of volunteers to staff the agency desk at the Emergency Operations Center (EOC) in the event of a statewide activation. Information on NIMS/ICS of OCFS staff is collected and reported annually in August for NIMCAST compliance. OCFS maintains a Geographic Information Center (GIC) mapping computer application, which is a tool used to identify impacted areas for response.

OCFS initiated the roll-out of OCFS NY-ALERT, an all-hazards notification system that will allow the agency to contact employees in an efficient and simultaneous manner when emergency notification is necessary.

In the aftermath of Superstorm Sandy, after 27 weeks in operation, the final Disaster Recovery Centers (DRCs) closed on April 30. OCFS, in its role as the co-lead of the Disaster Assistance Center Group with OTDA under the DPC's Human Services Branch, directed and managed overall State operations of DRCs across all 13 declared counties. A total of 65 DRCs were opened with a total number of 183,145 visitors.

As a result of a Superstorm Sandy after-action item, OCFS and OTDA, as joint leads to the Disaster Assistance Center (DAC) Group of the Human Services Committee, are currently developing a four-part training project on DRCs for site managers, partner agencies and local jurisdictions.

In support of the Governor's 2013 Upstate Flood Recovery Program initiative led by NYS Homes and Community Renewal (HCR), OCFS staff was deployed to all five application intake centers in Oneida, Herkimer, Madison, Montgomery and Niagara counties.

On February 28, the federal Office of Human Services Emergency Preparedness Response (OHSEPR) conducted an After-Action Review of the New York Children's Issues Task Force, which was co-chaired by OCFS staff and the federal Region II administrator for the Administration for Children and Families. The Task Force was operational from late November 2012 through December 2013.

OCFS Commissioner and Executive Deputy Commissioner participated in the following trainings and exercises run by the DPC which focused on disaster training and response protocols:

- Jun. 25: Bright Light I: Nuclear Detonation
- Aug. 7: Bright Light II: Nuclear Detonation
- Sept. 25: Hurricane Preparedness
- Dec. 18: Multi Hazard Mitigation Plan Adoption

OCFS participated in REP exercises and drills, including the Onondaga County Reception Center drill (October 17).

OCFS partnered with Westchester County to offer emergency planning training to child care providers located within the 10-mile EPZ surrounding the Indian Point Energy Center (IPEC) in Buchanan. Training held on December 12 provided information on how to plan for the evacuation and relocation of children, risks that the power plant presents to the community, and the role of the child care provider in the county's emergency plan. Planning resources were made available to participants, including tone alert radios, potassium iodide (KI) supplies, facility plan templates, and emergency brochures.

OCFS partnered with the American Red Cross in July to deliver staff training during the OCFS Domestic Violence teleconference on preparedness.

OCFS serves as a member/participant in the following:

- NYS Human Services Branch Executive Steering Committee
- DHSES Homeland Security Senior Advisory Committee (HSSAC)
- Radiological Emergency Preparedness Working Group (REPWG)
- NYS Nuclear Safety Sub Committee Power Pool (bi-annual meeting)
- National Reunification Planning Workgroup
- Regional Catastrophic Planning Team (RCPT)
- NYS Forum Business Continuity work group
- NYS Hazard Mitigation Plan (review)
- NYS Human Services Annex (review)

OCFS's Juvenile Justice Facilities participated in the Governor's NYS Evacuation of Facilities in Disasters System (e-FINDS) initiative; in the event of evacuation, the agency will affix a tracking bracelet to assure the accounting of all youth being evacuated.

## **Department of Corrections and Community Supervision**

The NYS Department of Corrections and Community Supervision (DOCCS) participated in various training activities, including training for Disaster LAN for EOCC personnel course, exercise design course (G-139), and SLMS course. DOCCS 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.

Staff participated in federally-evaluated REP exercises and drills. The federally-evaluated Nine Mile Point plume exercise on June 19 included several functional branches (Human Resources, Transportation and Law Enforcement) of which DOCCS is a member.

DOCCS conducted two joint agency training exercises. The first exercise was held on May 16, involving approximately 120 first responders from DOCCS and agency personnel from the NYSP. The second joint training exercise was held by DOCCS and the Albany County Sheriff's Office on August 29. Both training exercises were a success with interagency cooperation and assistance in responding to an incident where NIMS/ICS was tested per protocol.

Executive staff and DHSES liaisons attended the September 9 Hurricane Preparedness meeting at NYSOEM, the Governor's Emergency Preparedness Conference on October 28, and all DPC meetings.

DOCCS was activated by NYSOEM as an agency partner to provide equipment/resources and assets for flooding in Herkimer County and surrounding areas.

Staff reviewed and updated the DOCCS COOP Plan for 2013-2014. DOCCS is a member of the human services/food task force branch member, law enforcement branch member, and transportation/infrastructure branch member.

## **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 to provide for an extended series of operational periods and DCJS administration participated in the June meeting of the DPC. The agency also assisted DHSES with the following: Tactical Team grant development and review; interoperable communication grant review, as well as participating in Interoperable Board meetings and two subcommittees (regulatory review and channel naming); and first responder credentialing.

## Education Department

New York State Education Department (NYSED) participated in both DPC and internal after-action discussions related to weather-related events. Staff from the Office of P-12 and the State Archives continued to work with school districts and local governments impacted by Superstorm Sandy on recovery and mitigation measures. NYSED staff continued to attend emergency management training, review local school safety plans, and work with school districts on continuity and communication plans.

This year, NYSED was in conversations with the U.S. Department of Education and state education representatives from Connecticut and New Jersey discussing school emergency management during and after a disaster. A larger gathering is planned in Washington, D.C. for further focus on continuity-related topics as pertains to school districts. The event will include presenters from varied backgrounds that specialize in school safety, education regulatory matters, and emergency management for districts. The goal is to share lessons learned and best practices, and to figure out ways in which the three neighboring states can assist each other in times of emergency.

## Empire State Development

Below is a description of activities conducted by NYS Empire State Development (ESD):

- Raised \$10 million to launch the New York State Small Business Emergency Loan Fund and provided immediate relief to the many small businesses affected by Superstorm Sandy. The Fund provided up to \$25,000 in expedited, low-interest loans in designated disaster areas (outside of New York City) to independently owned and operated businesses with fewer than 100 employees.
- Administered New York State's new small business mentorship program, Business Mentor NY (<http://www.stormrecovery.ny.gov/business-mentorship-program>). Through this *pro bono* program, small businesses in counties affected by Superstorm Sandy, Hurricane Irene, and Tropical Storm Lee identify challenges and are matched with skills-based practitioners from the private sector who are well-positioned to address those challenges.
- Participated in all DPC meetings – in addition to the preparatory value of these meetings for confronting potential disasters for New York State, the DPC meetings maintain critical lines of communication between State agencies and key agency liaisons.
- Followed ESD's Crisis Communication Guide during several weather emergencies to provide employees with timely safety information about office closures and travel conditions.
- Reviewed and updated all Business Resumption Plans with department heads, as well as all emergency Quick Reference Guides for ESD locations.
- Tested back-up and restore operations and verified recovery and access critical systems.

- Continued ESD's grant-supported efforts to aid New York's agriculture sector, which was severely affected by Hurricane Irene and Tropical Storm Lee, particularly in the Mohawk River Valley and nearby areas.

## **Energy Research and Development Authority**

### *Training*

NYS Energy and Research Development Authority (NYSERDA) officers and staff participated in both training exercises during the annual period including at the State EOC and at DPC meetings. Staff attended the DHSES Training and Exercise Planning Workshop on October 25, and the Governor's Conference on Emergency Preparedness on October 28. NYSEDA staff also participated in federally-evaluated REP exercises and drills.

### *Planning*

NYSEDA initiated two programs to support Governor Cuomo's Fuel NY initiative. NYSEDA created a new Strategic Gasoline Reserve (SGR) for the downstate market securing a physical reserve of gasoline of nearly 3 million gallons. The \$10 million pilot program is designed to fill a future supply gap in the routine resupply of fuel caused by an event leading to a declared emergency, as seen during Superstorm Sandy. The reserve is using storage capacity owned by Northville Industries on Long Island, and is designed to primarily serve the Long Island market, but may be made available to other regions as necessary. As determined by the fuel emergency situation, gasoline from the reserve would be released to meet fuel needs while the industry recovers from a disruption in routine operations.

In collaboration with DAM, NYSEDA is also administering the Gas Station Back-Up Power Program. The program assists retail gasoline stations in complying with statutory provisions that require certain strategically located stations to be prepared to deploy and install an emergency generator in the event of a declared energy or fuel supply emergency. The Gas Station Back-up Power Program is designed to support station owner implementation costs associated with the installation of a transfer switch and associated electrical modifications needed to accept a portable emergency generator or the installation of a permanent emergency generator. NYSEDA also worked to develop a Portable Emergency Generator Program to facilitate gas station compliance with the law.

## *Analysis*

In addition to its Fuel NY responsibilities, NYSERDA was also directed to complete several in-depth analyses of the liquid fuels distribution infrastructure to assess preparedness and resiliency at the wholesale and retail petroleum fuel supply level.

In the “New York State Petroleum Terminal Resiliency Study”, NYSERDA is examining the resiliency levels of the State’s petroleum terminal system, including storage capacity, throughput, and products supplied; impacts and vulnerabilities to terminals from recent storms; and hardening and resiliency measures that terminals put in place to protect facilities from future storms, including pre-storm activities, flood protection measures, and backup power generation.

NYSERDA initiated a market assessment study of the potential costs, benefits and market impacts associated with adding booster station capability on the downstate section of the Buckeye Pipeline, a primary conduit of petroleum products to the downstate fuel distribution system. Results of this market impact assessment will inform whether an additional technical analysis to further support the installation of a booster station is in the State’s interest.

To complement the analysis completed for the downstate programs, NYSERDA completed the “Study to Assess Widespread Electricity System Outage Risks on Gasoline and Diesel Supply and Distribution Systems in Upstate New York.” This study describes the multiple petroleum supply pathways of the upstate regions of New York, assesses past frequency and duration of power outage events affecting upstate New York, and considers resiliency needs for the new reality of more intense and frequent events and possible impacts on the region’s fuel supply and distribution systems. This study also accounted for existing storm-hardening and resiliency measures at upstate wholesale locations. The study helped to inform the extent and nature of a back-up power requirement for strategic retail gas stations, and is designed to strengthen the resiliency of the upstate retail supply chain.

## *Outreach*

NYSERDA continued to provide outreach through EmPower New York to low-income households affected by Hurricane Irene and Tropical Storm Lee. Services include insulation, air sealing, appliance replacements and heating system upgrades. NYSERDA reviewed FEMA and insurance documentation for each household requesting services and required contractors to evaluate health and safety conditions.

EmPower conducted extensive outreach in Superstorm Sandy affected areas, providing energy efficiency services to 69 dwellings. Approximately 76 additional projects remain in progress due to ongoing mold mitigation efforts, structural problems, or other issues. EmPower also provided services to 18 dwellings affected by flooding in upstate New York during the summer. The EmPower program is currently finalizing work for an additional 78 dwellings in this geographic area.

## Department of Environmental Conservation

The NYS Department of Environmental Conservation (DEC) Emergency Management Unit operates the agency's emergency coordination center at the Port of Albany. DEC activation levels are similar to and in coordination with State EOC activation levels. DEC maintains a nationally-qualified 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 working with 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 are trained in swift water rescue techniques typical of tropical storm or spring thaw flooding. Most DEC programs have strong working relationships with corresponding federal and other agencies that support New York State during significant incidents or may provide mutual aid to neighboring states.

In October 2009, New York State updated its open burning regulations to prohibit all burning of leaves, debris, and garbage, and limited the burning of tree debris from May 15 through March 15. The resulting burn ban from March 16 through May 14 coincides with the State's spring fire season. As with most eastern states, debris burning in New York State is historically the major cause of wildfires. New York State has two sources of fire occurrence data – the majority of reports (approximately 5,000 per year) are developed by community fire departments using the National Fire Incident Reporting System (NFIRS), while State forest rangers report approximately 200 fires per year using National Association of State Forester (NASF) reporting standards.

GIS specialists in the ranger force have modeled the NFIRS data into NASF data sets so the combined data can present a complete picture of wildfire throughout the State. The results of four years of education and enforcement was a 56% reduction in wildfires during the burn ban period from 2010 to 2013 in all upstate (north of New York City, Suffolk, Nassau, Westchester and Rockland counties). This equated to 1,462 fewer fires per year when compared to the previous five years (2005-2009). Ranger data also indicated a 90% reduction of debris caused wildfires throughout the Hudson Valley, an area with significant debris-burning fire history.

Agency police officers made approximately 400 arrests each year from 2010 through 2013 for open burning violations with fines that began at \$500. In 2013, forest rangers reported for the first time in 128 years that debris burning was no longer the leading cause of wildfires. Escaped campfires became the number one cause.

DEC's Division of Law Enforcement (DLE) employs more than 300 highly trained Environmental Conservation Police Officers and Investigators (ECOs and ECIs) who possess robust maritime, off-road and disaster response capabilities. They routinely assist local and State agencies during emergencies such as propane tank truck fires, oil spills, heavy weather situations, and

active shooter response. DLE operates a fleet of more than 100 vessels, including jet skis, 15-foot aluminum shallow water skiffs, jet-powered swift water response vessels, and 12 25-foot "A-Platforms," including 42- and 44-foot ocean-going patrol craft. In 2013, DEC acquired a 44-foot "SafeBoat Archangel" vessel via a federal port security grant. This state-of-the-art, diesel-powered, jet-drive platform contains Forward Looking Infrared Radar (FLIR) and towed array sonar, and can support long-term response and recovery operations, including off-shore settings. In addition to its maritime capabilities, DLE operates a fleet of more than 300 four-wheel drive vehicles, All-Terrain Vehicles (ATVs), and snowmobiles. This off-road capability was exercised in multiple real-world settings during 2013 due to significant snowfall throughout the State. ECOs routinely assisted NYS and local agencies with emergency response during these types of significant weather events.

Through its Bureau of Environmental Crimes Investigation (BECI), DLE Police Investigators provide both hazardous material sampling and specialized investigative skill capabilities. These competencies, when added to their significant maritime and off-road capabilities, have positioned DEC's DLE as a key player in the emerging crude oil transport emergency response and investigation framework. DLE also conducts radiological interdiction and investigation with most members trained and equipped with Personal Radiation Detection devices (PRDs) and several dozen further trained and equipped to operate secondary screening apparatus. DLE supports all ongoing State and local efforts including the Secure the Cities (STC) program.

In addition, DLE has a detector dog (K-9) unit with capabilities for both investigation and tracking. The unit works closely with DEC Forest Rangers and outside agencies for search-and-rescue and fugitive apprehension. Finally, DLE has a Chemical Immobilization Team with members located strategically throughout the State. These specially trained officers deploy controlled narcotics via dart guns to tranquilize wildlife that pose a threat to public safety. In 2013, officers tranquilized and relocated numerous moose and bears away from major roadways and population centers to more remote locales.

DEC's Emergency Spill Response program (Spills), under the Division of Environmental Remediation, received 12,154 reports of petroleum and hazardous material spills in New York State during 2013. Emergency spill responders are on-call 24 hours a day and can respond to incidents whenever they occur. In addition to responding to the scene, Spills staff has the ability to hire contractors to perform emergency containment and clean up measures. Whether the responsible party pays for the cleanup, or the State pays out of the Oil Spill Fund, Spills staff oversees the cleanup to ensure it is conducted properly. DEC Spills staff completed action on 16,714 spills in 2013.

## Department of Financial Services

The NYS Department of Financial Services (DFS) continued its participation in emergency response and disaster planning activities throughout 2013. DFS regularly participated in activities coordinated by New York State, New York City, and Nassau County offices of emergency management. DFS staff also attended training including NIMS/ICS, Disaster LAN, and COOP. Approximately 30 DFS staff members are NIMS/ICS-trained, which ensures that the agency is NIMS-compliant. DFS is also part of the public/private Financial and Banking Information Infrastructure Committee (FBIIC of the U.S. Department of Treasury) – this group monitors the financial industry response to various types of disasters and conducts exercises related to industry response to these disasters.

DFS requires insurers to provide annually their disaster response plans and questionnaires, business continuity questionnaires, and pandemic flu surveys. From these documents, DFS identifies insurers with significant market share in the respective 62 counties of New York State. When a disaster strikes, this information is used to identify insurers that insure most of the property in the affected counties.

DFS's Banking Division examined its regulated institutions' Disaster Recovery and Business Continuity Plans (DR/BCP). DFS is also responsible for many global financial institutions that maintain a presence in New York State and certain NYS-chartered institutions that provide critical U.S. Financial Markets infrastructure. During and after Superstorm Sandy, the Banking Division was in contact with financial institutions to ensure that institutions providing financial market infrastructure were ready to transact business when the financial markets re-opened and that all financial transactions could be completed. It was determined that the institutions' DR/BCPs were successfully implemented and effective as U.S. financial markets opened and financial transactions, including those affecting the global markets, were completed without interruption.

To provide for consumer confidence during and after Superstorm Sandy, the Banking Division monitored bank and branch closures to ensure not only that our institutions could remain open or re-open, but to also ensure that no particular area in the downstate region affected by Sandy was without available banking services. DFS further worked with institutions in the hardest-hit areas to provide alternate solutions to banking needs of consumers in those areas. In addition, the Banking Division provided guidance to institutions to work with customers and borrowers affected by Sandy, and to waive many transactions fees for consumers in the affected areas.

Following Superstorm Sandy, the Department maintained constant contact with the insurance industry. Immediately after the storm, the Department convened the Insurance Emergency Operations Center (IEOC), a joint effort that brought together the resources of both the industry and Department so collective efforts were focused on specific emergencies. The IEOC enabled the Department to communicate directly and expeditiously with insurance carriers representing 90% of the market in storm-affected areas, providing DFS with the opportunity to identify and address specific problems and troubleshoot any difficulties with the industry on a

real-time basis. The Department also used its IEOC contacts to fast-track many complaints and resolve time-sensitive issues.

Further, following Sandy, the Department worked with regulated institutions, citizens, and federal counterparts to gauge impact in areas damaged by the storm and to help ensure prompt resumption of banking and other financial services in those areas. The Department also deployed RRTs to perform on-site visits of properties which required a second inspection by a consumer's insurer to validate an insurance claim. DFS also worked closely with the administrators of various new State and New York City grant programs (NY Rising and NYC Build it Back) to provide insurer contacts so that insurance verification information would be shared with these programs.

As detailed in last year's report, much of DFS' response was related to Superstorm Sandy. This year, DFS continued to support communities that were damaged by the storm. DFS personnel staffed DACs and maintained a presence at town meetings sponsored by legislators. Since the storm, DFS processed approximately 5,200 Superstorm Sandy complaints; of those, DFS recovered in excess of \$17 million for 1,108 consumers.

Throughout 2013, DFS deployed its Mobile Command Center more than 200 times and interacted with more than 7,000 consumers. In March, DFS sponsored a dedicated "Bank Week" in which storm survivors met one-on-one with their lender, with nearly 600 consumers taking advantage of this service at one of seven locations throughout Nassau, Suffolk, Queens, Kings, and Richmond counties. In July and August, DFS deployed 20 times to the Mohawk Valley and Niagara Falls areas to assist residents with flooding, serving more than 1,200 residents in Niagara Falls, and more than 350 residents in the Mohawk Valley. In October, DFS continued its foreclosure relief efforts, serving more than 300 consumers with the Mobile Command Center, at which 140 consumers filed complaints or inquiries during twelve events.

DFS also enforced the Governor's decision ordering insurers to not apply deductible to hurricane claims. During 2013, as an emergency measure, DFS also promulgated amended regulations to establish a mediation program to expedite resolution of claims settlements.

Throughout 2013, DFS continued its efforts to maintain a strong emergency management presence both internally and externally. For example, DFS made substantial progress in strengthening its information technology, disaster recovery, and business continuity posture by streamlining data back-up, enhancing storage efficiency, and moving closer to a virtual desktop infrastructure. In addition, DFS began revitalizing its internal emergency management planning with the goal of adopting an updated, comprehensive DFS Emergency Management Plan. As part of this effort, DFS created an Emergency Management Planning Council (EMPC) and appointed a Director of Risk Management to bring this plan to fruition. EMPC members will work in the coming year to bring together existing components into one easy-to-understand and actionable Department-wide plan; update and maintain contacts and communication tools; obtain executive approval of the revised plan; and, implement, raise awareness, and test the plan going forward. DFS will work with DHSES/NYSOEM to collaborate on several emergency

management initiatives, including launching NY-ALERT as one of DFS's primary means of communicating with employees during emergency events.

### **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. OFPC has conducted 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 New York State. 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 230 emergency incidents and incidents where technical assistance was provided. Significant events included continued operations in support of Superstorm Sandy, Winter Storm "Nemo," flooding in the Mohawk Valley, numerous wildfires, flooding in Clinton and Franklin counties, and an active shooter incident in Herkimer County.

Activities and assignments were wide and varied. Examples include management of multiple fire service assets deployed under the State Fire Mobilization and Mutual Aid, supporting local and State EOCs, performing key roles in various incident command organizations, and performing actual emergency operations such as functioning swift water rescue teams and direct control measures at hazardous materials incidents.

OFPC's role during emergency incidents continues to expand. While its traditional technical consultant and EOC/ICS support roles continue to be a critical aspect of the services provided, a noted increase in actual performance of specialized emergency operations has occurred and continues to prove beneficial to the outcome of numerous incidents.

## **Office of General Services**

### *NYS Regional Emergency Response Stockpile Initiative*

In the wake of Hurricane Irene, Tropical Storm Lee and Superstorm Sandy, Governor Cuomo recognized the necessity for a region-based response capability to man-made and natural disasters. It was through this vision that the NYS Regional Emergency Response Stockpile Initiative was created.

The NYS Office of General Services (OGS) was tasked with identifying nine locations across the State to serve as locations to store equipment such as light towers, generators, blankets, and baby formula. Less than a year after its inception, working stockpile locations were set up in Long Island, Queens, Bloomingburg (Orange County), Guilderland (Albany County), Binghamton (Broome County), Queensbury (Warren County), Plattsburgh (Clinton County), Oriskany (Oneida), and Alden (Erie County). OGS maintains the equipment, guarantees accountability, and manages the stockpile facilities. DHSES owns the equipment and tasks stockpile deployments to OGS through Disaster LAN. The stockpiles have been activated to support both emergency and steady-state operations.

Contractors were hired by OGS to manage stockpile sites during daily operations. The geographic separation of the sites across the State required local site managers to ensure responsive access to the sites. Contractors are charged with three primary responsibilities: maintain equipment, ensure accountability, and maximize responsiveness.

### *Building Back Better*

The OGS Design and Construction (D&C) Unit worked to increase efficiencies and improve the emergency contracting process to enhance its ability to respond quickly when disasters occur. In June, Governor Cuomo signed a bill into law extending OGS emergency construction contracting authority through June 30, 2015.

In addition, OGS implemented improvements and efficiencies, including the allowance of electronic submission of forms to be placed on the emergency bidders list, and implementing a fast-track approval process for contractors who wish to be included on that list after a disaster. OGS also increased outreach to potential emergency contractors, with the goal of increasing its pool of available vendors, especially Minority and Women-owned Business Enterprises (MWBES); for example, restoration firms are targeted in order to ensure rapid response to water, flood, and fire damages. In addition, OGS sought legislation to increase the value of emergencies from \$300,000 to \$1,000,000 per contract.

OGS responded to Mohawk Valley flooding issues by managing damage at an OPWDD site and debris removal for OPRHP in Herkimer County.

OGS continued to manage more than 100 declared emergencies statewide related to Superstorm Sandy, including:

- South Beach Central Services Building (being rebuilt)
- Jones Beach and Robert Moses State Park (opened to public by Memorial Day weekend)
- Harriman State Park
- Palisades State Park
- Nyack Beach State Park
- Sunken Meadow State Park
- SUNY Maritime
- Orient Beach State Park
- Caleb Smith State Park

Over the past year, OGS D&C expanded its ability to share lists of contractors that met the State's vendor responsibility requirements with municipalities looking for assistance in an emergency. This list is updated regularly and posted on the OGS public website so that it is readily available. OGS D&C remained on-call for client agencies to declare an emergency project and provided technical expertise and contracting mechanisms, including definition of scope, bidding, award, and management required to begin work immediately to alleviate the emergency.

#### *OGS Emergency Operations Center*

To be prepared to respond to emergencies, especially those that might affect the Corning Tower of the Empire State Plaza, OGS established an EOC at Building 18 on the Harriman Campus. The building is outfitted with computers and landline telephones, and can also function as an executive business continuity site.

#### *Mass Notification System (Empire State Plaza)*

In 2012, via a State Homeland Security Grant, OGS installed 10 LCD monitors at strategic locations along the Empire State Plaza Concourse to augment code-specified emergency communication. This mass notification system keeps state employees and plaza visitors notified of emergencies occurring within and adjacent to the Plaza. During non-emergency periods, monitors display mass gathering information and other major events occurring at the Plaza. When an emergency occurs, Unified Command may request that the system be activated, which at that point is used solely for mass notification purposes. OGS continued to use monitors at strategic locations to augment code-specified emergency communication. The system was activated for several small-scale events. OGS continued to test the system periodically so that employees and visitors on the Concourse were familiarized with its emergency notification function.

## *Emergency Response Capabilities*

Listed below are a number of specific actions the business units within OGS are prepared to conduct in the event of an emergency:

- Provide staff to the State EOC to support response operations 24/7 specifically related to finance and procurement operations.
- Deploy executive and other agency staff to support Regional Operations Centers.
- Utilize the public information office, and real property management and facilities unit to facilitate production and deployment of collateral materials, including signs, banners, informational flyers, and brochures for the DRCs and other locations.
- Utilize OGS's human resources unit to work with the Governor's Office of Employee Relations (GOER) regarding closing of State buildings and facilities, including issuing NY-ALERT messages and press releases, and using social media.
- Deploy members of the support services group to transport needed items to emergency locations – these items can include health and safety equipment, food, office supplies, tools, and more.
- The real estate planning unit stands ready to facilitate the use of State-owned space or leased space to meet emergency needs and logistics, including shipping and receiving, shelter, storage, staging, and office space.
- Assist displaced State agencies in obtaining temporary offices in State-owned or leased buildings.
- The Real Property Management and Facilities (RPM&F) Unit is prepared to provide building operations support, including repairs to damaged properties, use of OGS vehicles, tools, and equipment, tenant notification, providing gasoline, and other logistical support as dictated by the emergency.
- The New York State Procurement (NYSPPro) team will facilitate access to sources for equipment and supplies from statewide contracts. NYSPPro worked with an interagency team to establish new dedicated emergency supply and services contracts, including temporary base camps, and coordinated procurement of citizen emergency preparedness bags.
- The legal team at OGS is available to provide guidance on a number of issues, including use permits, procurement and leasing.
- The Finance Unit is available to assist with financial aspects of disasters, including coordination of disaster response and recovery costs documentation.
- The Food Distribution and Warehouse Unit is prepared to continue services as the primary shipper for DOH's Disaster Preparedness Unit (DPU), shipping items, including vaccines, from the DOH Guilderland Warehouse to locations throughout the State.
- The Media Services Center is on alert during all disasters and provides 24/7 emergency visual communications via satellite and webcast for the general public and emergency personnel using its mobile transmission truck and Albany-based studio.

## **Department of Health**

### *Planning*

Based on lessons learned from the response to Superstorm Sandy, the Healthcare Evacuation Coordination Center (HEC) Plan was updated and the NYS Department of Health (DOH) developed a DOH Administrative Response Annex. Prior to the coastal storm season, all New York City Healthcare Facilities (HCFs) in flood zones were surveyed to determine shelter-in-place and send arrangements; those outside flood zones were surveyed about receiving arrangements.

The State Burn Plan was updated and distributed to all burn centers for review and feedback. The Pandemic Influenza Plan was also updated. DOH provided input to the State Mitigation Plan, NYS REPP, and the Super Bowl Response Plan. DOH staff was active in the Human Services Functional Branch planning activities throughout the year.

DOH continued to develop 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 emergencies.

### *Training*

DOH Executive Staff participated in the DPC training series. Training on the HEC plan and NYS e-FINDS – the newly-developed patient tracking system – was conducted with State and city health, offices of emergency management, hospitals, nursing homes, adult care facilities and their associations. An executive-level tabletop exercise and an operational HEC and ESF-8 (Public Health and Medical) exercise was conducted in New York City in preparation for the coastal storm season.

DOH coordinated and conducted training with the Centers for Disease Control and Prevention (CDC) for local health departments on Mass Antibiotic Dispensing Operations. DOH staff participated in NIMS/ICS, Disaster Mental Health, and Disaster LAN courses. DOH staff also attended REP NYS Nuclear Safety Sub-Committee Power Pool training.

### *Exercises*

DOH participated in planning and implementation of exercises and training drills for NYS e-FINDS. DOH staff participated in the federally-evaluated nuclear power plant exercises and the DHSES Stockpile Integration tabletop exercises. DOH worked with U.S. Department of Health and Human Services (HHS) and Broome County to plan an exercise (to be conducted in spring 2014) to test Centers for Medicare and Medicaid Services (CMS) data in relation to electricity-dependent people. DOH staff traveled throughout the State to conduct CHEMPACK sustainment activities to ensure that the CHEMPACK containers contain up-to-date Medical Countermeasures (MCMs).

## Homes and Community Renewal

NYS Homes and Community Renewal (HCR) works closely with NYSOEM to prepare for and support multi-agency, State-level activity during disaster events, exercises and training.

HCR continues to enhance capacity and capabilities to respond to disaster events. A dedicated Disaster Preparedness Response Team, with support from other trained agency staff, is prepared to assist during times of disaster at the State EOC, DACs and/or DRCs. In addition, HCR representatives actively support the various Human Services disaster related committees, task force(s) and working groups.

HCR planning efforts include the development and maintenance continuity plans. 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 that enables 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 for housing.

In July, following Governor Cuomo's State Disaster Declaration in response to the floods that occurred between June 26 and July 3 in the Mohawk Valley and Niagara County, HCR established the Mohawk Valley, Niagara County, and 2013 Upstate Flood Recovery Program. This new Recovery Program provided much needed assistance to homeowners, small business owners, and farmers following the federal government's decision to not provide Individual Assistance. The new State program provided immediate recovery assistance to survivors to address gaps in disaster related coverage in a timely manner. Homeowners, small business owners, and farmers' meeting program guidelines in Herkimer, Madison, Montgomery, Niagara, and Oneida counties were eligible, and HCR issued 2,607 checks totaling \$29.8 million.

## **Office of Information Technology Services**

The NYS Office of Information Technology Services' (ITS) (formerly part of the NYS Office of Cyber Security) and its GIS Program Office (GPO) routinely provide GIS and mapping support to the DPC. GPO provides continuous support of NYSOEM by updating software and data in the State EOC. Additionally, GPO provides GIS specialists for mapping and spatial analysis support at the State EOC and as part of the State IMT.

In 2013, GPO staff worked at the State EOC during four REP exercises. In response to several weather-related events, GPO staff members worked at the State EOC and were also on-call. During the response to flooding in the Mohawk Valley in late June and early July, several GPO staff worked at the State EOC and two others worked at the Herkimer County EOC.

Throughout the year, GPO provided updated maps and analysis in support of the Governor's office work on the Fuel NY and NY Rising Community Reconstruction Program. Map products were provided in support of DHSES grant programs and work at the SPTC. Many of these datasets were made available through the Critical Infrastructure Response Information System (CIRIS).

## **Office of Interoperable and Emergency Communications**

Radio engineers and technical staff from the NYS Office of Interoperable and Emergency Communications (OIEC), along with mobile communications assets, were deployed to provide communication assistance to jurisdictions and planned events during 2013 to the following locations:

- February 7-15: Prior to the arrival of Winter Storm "Nemo", OIEC deployed staff and equipment to New York City, and Nassau and Suffolk counties, including Command One, two STRs, and two support vehicles. After the storm, OIEC supported DOT with communication assets for snow plowing and removal operations.
- March 11-12: Command One and a Strategic Technology Reserve (STR) vehicle with personnel were dispatched to the City of Herkimer to provide live video feed to the State EOC during an active shooter event.
- May 22-26: Supported Nassau County with Command One, STR vehicle, and support vehicles, along with personnel, to participate in Jones Beach Air Show pre-event exercise and actual air show with communication assets.
- May 29-30: Attended New York City / Long Island Emergency Management Conference in Uniondale; an STR vehicle was provided for attendees to view and learn about vehicle capabilities and services.
- June 7-9: Provided personnel and STR vehicle to support Nassau County and other State agencies due to pending Tropical Storm Andrea on Long Island with the Belmont Stakes Race (June 8).

- June 30-July 11: OIEC dispatched personnel, two STR vehicles, and support vehicles to Herkimer and Montgomery counties for heavy rain and flooding event. OIEC provided an STR and equipment to Montgomery Sheriff's Department and responders in Fort Plain. Another STR provided communications in Herkimer County based at the county EOC between responders, DMNA troops, and Command personnel in the EOC.
- July 12-14: Provided interoperable communications support to Oneida County for the annual 5K Boilermaker road race, including two STR vehicles, a support vehicle, and personnel.
- July 21-23: Provided 25 portable radios to DEC for event at Indian Lake in Hamilton County.
- August 15: Provided personnel and an STR vehicle during active shooter training at the STPC; at the conclusion of the training, it was decided to include this asset at all active shooter trainings at the SPTC.
- August 29-September 4: The New York State Fair (Syracuse) requested OIEC communications support for entire Fair operations; an STR vehicle was based at the fairgrounds for approximately two weeks, as well as various repeaters and other equipment, to provide reliable radio communications for various State agencies operating during this event.
- September 17: Displayed a STR vehicle at an exercise in Columbia County.
- November 15: Provided communications support to Rockland County for major brush fire at Clausland Mountain; the fire was endangering the main communications tower for Rockland County radio communications. OIEC responded with personnel, STR vehicles, and two support vehicles.
- December 20: OIEC pre-staged interoperable communications equipment at the NYSOEM facility in Queensbury due to an ice storm that was predicted to impact most northern counties in upstate New York.



DHSES Command One – a robust emergency response and communications vehicle (Source: DHSES)

### *Statewide Interoperable Communication Grant Program*

DHSES OIEC administered the Statewide Interoperable Communications Grant (SICG) program. \$206 million was awarded to 54 counties through this program. The SICG program supports growth of regional communications partnerships throughout the State, consolidation and improvements of emergency dispatch centers, and improvements in communication infrastructure and public safety land mobile radio (LMR) technologies. Regional partnerships, which are inclusive of local and State public safety agencies, as well as improvements in LMR technologies, will create resilient interoperable emergency communications systems for first

responders, thus ensuring that there is adequate interoperable communications and successful incident management to protect first responders and the public before, during, and after disasters.

## **Department of Labor**

The NYS Department of Labor (DOL) participated in Human Services Branch meetings, REP meetings and exercises, and DPC meetings. DOL used a toll-free emergency telephone line and NY-ALERT for employee emergency notifications.

DOL continued to support the State EOC and regional DACs during emergencies; DOL is among the primary agencies that staff these centers. During large-scale emergencies, such as Superstorm Sandy, DOL provides federally funded Disaster Unemployment Insurance (if authorized at the federal level) to residents who become unemployed due to the disaster. DOL also oversees the federally-funded National Emergency Grant (NEG) program if it is authorized at the federal level. The NEG program connects unemployed workers to local governments that are looking to hire temporary help to support recovery efforts (clearing debris, etc.). DOL also offers various resources to support response efforts; the agency provides safety assistance for response and recovery efforts during emergencies.

DOL's Emergency Management Supervisor participated in FEMA-sponsored training, including REP Plan Review, Active Shooter Security and Response, and DHSES-taught PIO for Emergency Communications. Staff of DOL's Office of Emergency Management became certified by the National Safety Council as instructors of CPR, AED and First Aid – they train DOL volunteers in these important, life-saving skills.

## **Office of Mental Health**

### *Planning and Preparedness*

The NYS Office of Mental Health (OMH) worked in partnership with NYS Department of Health on several initiatives to ensure the safety and well-being of patients in the agency's care, including statewide efforts to implement the e-FINDS system of patient tracking and the development of procedures for HEC.

OMH initiated an expansion of the support in emergency preparedness and planning for local providers of community-based services. Lessons learned from Superstorm Sandy illustrated needs being created by the ongoing transition to a greater reliance on local providers of care to the mentally ill.

As a member of the NYSOEM Human Services Branch, OMH staff participated in meetings and planning activities related to the review and revision of emergency response plans for both the Human Services Branch, as well as Mass Care. This included efforts on a major revision to the NYSOEM Mass Care plan in response to lessons learned from numerous major events of several

previous years. OMH also engaged in the revision of a comprehensive agency emergency management plan. The effort, which draws upon the experience of several large-scale EOC activations, is in the final stages of the approval process.

### *Training*

OMH executive staff and liaisons participated in the DPC training series. Staff assigned to responsibilities at the State EOC also participated in training activities, including NIMS/ICS, Disaster LAN, and EOC training. Staff participated in REP exercises and drills, including the August federally-observed “Northern Lights” nuclear plant response exercise. Training for Disaster Mental Health Responders was held in coordination with both NYS Office of Alcoholism and Substance Abuse Services (OASAS) and Albany Medical Center.

### *Response*

Activation and deployment of OMH staff to the State EOC occurred on several occasions, including severe weather events during the winter season. 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 also provided mental health support services via Project HOPE, the FEMA-funded Crisis Counseling and Training Assistance Program that provided services to communities affected by Superstorm Sandy. OMH provided oversight and administered grant activities, and local agencies in New York City and across Long Island were contracted for provision of direct services. The program concluded on February 28 with more than 260,000 crisis counseling contacts made with Hurricane Sandy survivors.

## **Metropolitan Transportation Authority**

The Metropolitan Transportation Authority (MTA) and its operating agencies (Metro-North Railroad (MNR), Long Island Rail Road (LIRR), New York City Transit (NYCT) Subway & Bus, MTA Bus, MTA Police (MTAPD) and MTA Bridges and Tunnels (B&T)) conducted and participated in a wide variety of training programs, drills and exercises. MTA was also involved in development and revision of emergency plans, including the NFL Super Bowl and evacuations. Employees also honed their knowledge at conferences.

MTA staff participated in the following training programs:

- NIMS/ICS Train-the-Trainer courses
- Disaster LAN
- DHSES State EOC Training
- Active Shooter
- Incident Response to Terrorist Bombing – Suicide Bombers
- USDHS Joint Canine Bomb Training
- National Improvised Explosive Training

- Sovereign Citizens Surveillance Training
- Detection of Critical Infrastructure Training
- Trauma Resources and Unified Management Assistance Training
- 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
- Passenger Train Emergency Response Procedures Training
- Bi-weekly training with FDNY at Grand Central Terminal
- Hurrevac and Weather Sentry Systems Training
- Homemade Explosives Training
- All-Hazards Communication Technician
- Transit, Terrorism, Tools and Tactics
- Responding to Emotionally Disturbed Person
- Crisis Intervention Awareness
- Disorder Control Awareness
- Active Shooter Awareness and Response
- Radiation Detection and Identification
- REP courses

MTA and its agencies conducted or participated in the following exercises and drills:

- Port Authority LaGuardia Communications tabletop exercise and full-scale drill
- Port Authority George Washington Bridge tabletop and full-scale exercises
- East Side Access tabletop exercise
- FDNY/MNR SMUD drills
- FDNY/LIRR exercises
- NCT Rail Control Center tabletop exercises
- NYS Policy and MTAPD tabletop exercise
- New York City Office of Emergency Management (NYCOEM) Coastal Storm exercise
- MTA Coastal Storm Executive exercise
- Con Edison Coastal Storm exercise
- THIRA Plan
- NYCDEP Water Supply Shortage Plan
- NYC Hazard Mitigation Plan
- NYS Hazard Mitigation Plan
- LIRR full-scale emergency response drill
- Ice Storm tabletop
- Pandemic tabletop
- Subway System Shutdown and Recovery tabletop
- Port Authority Air Train exercise
- NYSOEM Air Show exercise
- LIRR Winter Storm Operations tabletop

- LIRR Hurricane Operations tabletop
- Sysco Corporation Tabletop (Sysco Facility emergency with fire, smoke, and chemical impacting LIRR)
- Nassau County Office of Emergency Management tabletop (collision at grade crossing with derailment and unknown hazardous material)
- Functional exercises in Park Avenue Tunnel (Manhattan)
- Full-scale MCI exercise (Orange County)
- Con Edison and Rockland County functional exercise
- Port Authority Hurricane exercise
- Metro New York Disaster War Game
- ICTF Operation Rolling Vigilance
- B&T Mobilization drill (Active Shooter Awareness)
- Fort Hamilton/B&T – Abandoned Vehicle tabletop
- MLB All-Star Game tabletop
- NYSP/B&T/MTAPD Domestic Terrorism tabletop
- Red Letter/Red Envelope drills

Emergency Plans developed or updated included:

- Special Event Plans including: Super Bowl, Marathon, Five Boro Bike Tour, MS Bike Tour, Siller Run, and Triathlon Plans.
- MTA Agency Coastal Storm Plans
- MTA Agency Winter Weather Plans
- NYC Coastal Storm Evacuation Plan
- NYC Area Evacuation Plan
- NYPD City-wide Evacuation Plan
- MTAPD Critical Incident Policies Plan
- MTAHQ Emergency Plan
- MTAHQ and Agencies' COOP Plans
- NYC Area Operations Plan Update
- B&T Threat Level Response Plan
- B&T Code Bravo Plan
- B&T Traffic Diversion Plan

Conferences attended:

- NYS Governor's Emergency Management Conference
- National Hurricane Conference
- Seattle Urban Area Security Initiative Conference on Vulnerable Populations Disaster Planning
- NYC-Long Island Emergency Management Conference

- Developing Coordinated Emergency Preparedness Planning (DOT; NYCOEM; U.S. Federal Highway Administration (FHWA); NYC Dept. of Transportation (NYCDOT))
- International Bridge, Tunnel, and Turnpike Association (IBTTA) Sandy Forum
- IBTTA Roadway Operations and Maintenance Workshop
- IBTTA Severe Weather Forum

In addition to the above, the MTA Chairman and CEO and/or designee participated in DPC meetings held throughout the year. NYCT Bus, MTA Bus, and NYCT Subways initiated use of updated and more efficient Situation Rooms to manage emergency events. MTA and NYC Transit worked together to implement a strategy during NYC EOC emergency activations to ensure the availability of relief for the MTA liaison assigned to the State EOC during major emergencies.

### **Division of Military and Naval Affairs**

The Division of Military and Naval Affairs (DMNA) supported ten National Guard Civil Support Operations ranging from coastal storms, heavy snow, the Boston Marathon bombing, severe flooding, to the packaging and distribution of holiday turkeys and gifts for the needy.

#### *Civil Support Operations*

- February 7-10: DMNA activated in support of a winter storm that caused significant snowfall and blizzard-like conditions over southern portions of the State, especially in Suffolk County. A total of 126 New York Military Force (NYMF) members supported this mission, including 68 on State Active Duty (SAD) utilizing 173 duty days. During this operation, nine unique missions were undertaken, to include liaison between military and civilian partner agencies, transportation support to local fire departments to include FDNY and search and rescue operations along the Long Island Expressway.
- March 6-9: DMNA activated in support of a winter storm which caused significant heavy snow fall, blizzard like conditions, and coastal flooding over the southern portions of the state especially in Suffolk County. A total of 62 NYMF members supported this mission, including 40 on SAD utilizing 87 duty days. During this operation, eight unique missions were undertaken, to include liaison between military and civilian partner agencies and emergency medical services augmentation.
- March 18-19: DMNA activated in support of a winter snow event. A total of 87 NYMF members supported this mission, including 60 on SAD, utilizing 118 duty days. During this operation, seven unique missions were undertaken to include liaison between military and civilian partner agencies and staging of incident response forces.
- April 19-21: In response to the bombing at the Boston Marathon, 182 members of the NYMF supported operations on New York City during a previously scheduled five-kilometer walk/run event in honor of first responders. 177 of these service members served in SAD status for a total of 491 duty days, and performed enhanced security and

presence patrols in conjunction with Joint Task Force – Empire Shield (JTF-ES) at various locations around the five boroughs.

- June 7-8: A limited activation was undertaken to support the mobilization of the State EOC due to Tropical Storm Andrea’s projected impact to the State. No specific missions were undertaken beyond Liaison Officer support to the EOC.
- June 13: A limited activation was undertaken to support the mobilization of the State EOC after severe weather moved through the State. No specific missions were undertaken beyond Liaison Officer support to the EOC.
- June 28–July 6: 386 service members supported operations around New York State in response to a line of storms that impacted the State with record amounts of rain and significant, localized flooding. During this operation, seven unique missions were undertaken, including liaison between military and civilian partner agencies, and ground transportation for commodities. Of the 386 service members who supported operations, 290 were in SAD status, totaling 1,406 duty days utilized.
- November 25-27: 53 service members supported the Governor’s initiative to provide holiday meals to State residents impacted by Superstorm Sandy in 2012. Of the 53 service members, 36 were on SAD and utilized 92 duty days.
- December 18-24: 67 members of the NYMF supported the Governor’s initiative to package and distribute holiday gifts and similar items to New York City residents. During this mission, a total of 255 SAD days were utilized and 19 different locations were provided gifts and commodities for the holiday season.
- December 23-24: 193 service members (of which 139 were on SAD) prepared for the potential for significant-to-major flooding in portions of the State due to excessive rainfall, rapid snow melt, and ice jam flooding. During this operation, five unique missions were undertaken, including liaison between military and civilian partner agencies and staging of incident response forces, utilizing a total of 357 SAD days.

#### *Joint Task Force – Empire Shield*

Joint Task Force – Empire Shield (JTF-ES) continues its mission to provide support to civil authorities in the greater New York City area. JTF-ES conducted presence patrols to detect, deter and defeat terrorist activity at John F. Kennedy Airport, LaGuardia Airport, Pennsylvania Station, Grand Central Terminal, Port Authority Trans-Hudson’s 33rd Street and World Trade Center terminals, the Port Authority Bus Terminal, the Brooklyn Battery Tunnel, and the Queens Midtown Tunnel.

In addition to daily homeland security missions, JTF-ES supported three VIP visits; three ceremonial events, 23 multi-agency “super surges;” five Operation RAILS SAFE drills (regional alliance – local, State, and federal); four Operation Rolling Vigilance events; and the New Year’s Eve celebration in New York City – Times Square.

### *Civil Support Teams*

New York State is one of only three states to have two (2) WMD Civil Support Teams (CST). DMNA's two CSTs (Albany and New York City) maintained readiness to deploy rapidly, assist local first responders in determining the precise nature of an incident, provide expert medical and technical advice, and help provide for identification and arrival of follow-on military support. Unless federalized, the CSTs remain State National Guard assets that can be quickly accessed by the Governor.

The two teams participated in one response mission, 32 stand-by missions, 31 assist missions (to include the Boston Marathon), and 18 exercises. On June 15, the 2<sup>nd</sup> CST responded to an unknown chemical substance at the request of the Clinton County Office of Emergency Management in order to assist U.S. Customs and Border Protection at the Champlain Border Crossing.

Included in the above totals, the 2<sup>nd</sup> CST supported the State of the State Address and the United Nations General Assembly. The 24<sup>th</sup> CST, based at Fort Hamilton, supported operations in Boston during the Boston Marathon Bombing, as well as numerous sporting and public events in the five boroughs of New York City.

### *Homeland Response Force*

The Homeland Response Force (HRF) supports the Federal Emergency Management Agency's Region 2 (New York, New Jersey, Puerto Rico, and the Virgin Islands) for consequence management following CBRNE. The HRF is headquartered in New York State and consists of approximately 570 NG personnel. The organization conducts annual training events. In August, the HRF executed a full-scale exercise in conjunction with Westchester County.



New York Army National Guard Soldiers evaluate a simulated casualty during a disaster response exercise at the Westchester County Fire Training Center on August 9, 2013 (Source: U.S. Army)

### *Citizen Preparedness Corps Training*

At the request of the Governor's Office, DHSES and DMNA initiated the development of a program to train New Yorkers to be more prepared to respond to domestic emergencies within their homes, neighborhood, and communities.

## **Office of Parks, Recreation and Historical Preservation**

The NYS Office of Parks, Recreation and Historic Preservation (OPRHP) participated in various planning and exercises involving federal, State and local agencies. OPRHP staff participated in training activities, including DPC scenario-based training, ICS training, Disaster LAN, COOP, and disaster planning and response. OPRHP maintains liaisons between DHSES, NYSOEM, NWS, as well as the statewide Transportation Infrastructure Group (TIG) and Area Transportation Infrastructure Group (ATIG).

OPRHP hosted several major events requiring multi-agency planning and coordination:

- May: Jones Beach Air Show (200,000 spectators)
- Sept: Farm Aid Concert, Saratoga Spa State Park (more than 25,000 spectators)

OPRHP committed significant resources to the agency's recovery from Superstorm Sandy and pursued FEMA Public Assistance and CDBG-DR recovery funding. OPRHP participated in REP exercises related to nuclear power plant emergencies and evacuations. The agency maintained liaisons with DHSES, NYSOEM, and the Governor's Office of Storm Recovery (GOSR) concerning emergency resiliency planning and recovery efforts related to Hurricane Sandy and overall emergency preparedness to maintain the State's readiness and to better respond to, and recovery from natural disasters.

## **Office for People With Developmental Disabilities**

The NYS Office for People with Developmental Disabilities (OPWDD) continued its mission to improve and expand emergency management and preparedness initiatives. OPWDD's Office of Facility Management, Fire Safety and Emergency Services developed an emergency services division within its office and created the position of Agency Emergency Management Coordinator. This position focused on coordinating and facilitating a comprehensive emergency management program across the agency with a statewide focus.

OPWDD established regional emergency planning committees charged with coordinating response, preparedness and planning activities throughout the region, and to serve as a conduit for emergency management communications across OPWDD's network. Focus on planning and coordination of activities provides an enhanced understanding and framework for local emergency management initiatives such as development of regional emergency operation plans and regional emergency operations centers.

Training continued to be a priority with regional planning committee members and key agency staff participating in ICS and EOC training. OPWDD continued to build its depth of credentialed staff that fulfill the agency's role at the State EOC and successfully fill ICS positions within the agency command structure during emergency response.

OPWDD continued to rebuild from events like Sandy and Irene/Lee, and updated response plans and improved mechanisms for reimbursement within the agency. As recovery from these storms continued, responses did not stop as OPWDD was faced with the federally-declared severe storms and flooding event in June and July, as well as other non-declared incidents which impacted a number of agency facilities. During the June/July event, OPWDD stood up both centralized and regional EOC, which proved to be an integral component of the response.

OPWDD continued to expand its emergency management footprint and strived to ensure a safe environment for its individuals by partnering with other agencies and participating in the REP program and DPC planning efforts.

Additionally, OPWDD rolled out the e-FINDS evacuation tracking system for all residential programs with twelve or more residences in conjunction with the Governor's initiative. Individual tracking during an evacuation is a critical component of OPWDD emergency response and, through the use of e-FINDS, OPWDD continued to train and improve capacity during events. OPWDD coordinated a number of trainings throughout the agency regarding the use and application of the program.

OPWDD developed a robust action plan, including development of a statewide facilities reporting and resource tracking system, which will facilitate increased situational awareness across OPWDD's network of facilities. Lastly, as a continued effort to maintain readiness, the agency will review and update regional and agency-wide emergency management plans and implementing lesson learned from recent and current events.

### **Port Authority of New York and New Jersey**

In the aftermath of Superstorm Sandy, the Port Authority of New York and New Jersey (PANYNJ) recognized the need for a strategy to synchronize post-Sandy activities under a single unit charged with balancing agency objectives such as service continuity, restoration, repair, and mitigation and resiliency, while optimizing PANYNJ resources and public assistance.

In late March, PANYNJ's Executive Director commissioned the Storm Mitigation and Resilience Office to act as the single point of contact within the agency to ensure uncompromised focus on intermediate and long-term planning toward resilient asset infrastructure. To facilitate its mission, the office works closely with the agency's Office of Emergency Management, operating businesses, engineering, finance, and federal agencies, including, but not limited to DHS, FEMA, FHWA, U.S. Federal Aviation Administration (FAA), and U.S. Federal Transit Administration (FTA).

The Storm Mitigation and Resilience Office, as part of the Office of the Chief Operating Officer, manages programs and performance aimed at transitioning the agency from Superstorm Sandy recovery efforts to positioning it to be more resilient for future storms, with an initial focus on the 2013 hurricane season. Priority Protective Measures (PPMs) are measures taken or installed in preparation of a storm to protect the facility, minimize the extent of the damage,

and provide resiliency to restore essential functions. These measures include water-filled barriers, stop logs, and various other flood protection measures, generators, relocation and rebuilding of structures and systems, and pumping capacity. On May 29, the board approved \$58.5 million to implement these projects. These measures will result in the installation of more than four miles of flood protection barriers, an additional 14 megawatts of electricity generation in the event of a power loss, enhanced pumping capacity, and a variety of measures to harden infrastructure through upgrades and rebuilding efforts.

Beginning this summer, facility staff surveyed, analyzed, and responded to the impact of salt water intrusion and its corrosive effects. Multi-departmental salt water inspection and monitoring plans took place and prioritized facilities with the greatest impact. Currently, the agency is advancing the program while simultaneously fast-tracking a number of facilities' critical infrastructure and equipment. In addition, staff prepared long-term resiliency grant application with the support of regional partners to strengthen the coordination of projects that minimize the impact of future storms.

### **Public Service Commission**

The NYS Public Service Commission (PSC) and Department of Public Service (DPS) staff engaged in several initiatives to comply with changes to the Public Service Law. PSC reviewed and approved enhanced electric utility emergency plans, which now address, among other issues, responses to wide-scale flooding events, a constant methodology for response to downed power lines, and improved processes for sharing information with local officials. The electric companies have improved identification of critical infrastructure and improved coordination between utility industries. Refinements to emergency plans related to natural gas and telecommunications service are also underway. Staff participated in various emergency drills throughout the year, including REP exercises.

PSC implemented improvements following Superstorm Sandy, including those presented by the Moreland Commission, and recommendations associated with Hurricane Irene, Tropical Storm Lee and the October 2011 snowstorm. Many resolutions were reflected in emergency plans and efforts to improve infrastructure resiliency. Moreover, PSC established a process to readily share equipment and materials between electric utilities. PSC also developed a scorecard to evaluate electric utility performance during events with service interruptions that last more than three days.

PSC supported the State EOC operations by reporting on utility outage and restoration information, provided reports to other State agencies, and responded to inquiries submitted through Disaster LAN. PSC continued emergency training activities and maintained a current list of staff trained in Disaster LAN and other State EOC functions. As new staff was added to the agency, personnel capable of fulfilling these functions were identified and trained. The DPS Emergency Plan, updated annually, specifies required ICS training requirements, as well as individuals designated to be emergency managers, incident coordinators, and first line supervisors.

PSC continued to improve its Electric Outage Reporting System (EORS) to maintain situational awareness regarding electric service interruptions. System improvements now allow for maps and reports to be generated and exported so that information may be shared readily. The system is also capable of aggregating interruption data across utilities to produce statistics on a county-level basis to better align with other emergency response processes and decision-making.

Lastly, DPS was active in monitoring the transition of service operations from National Grid to PSEG Long Island. By being involved with the process early on, DPS was prepared to carry out its new advisory role regarding emergency preparation, planning, and response on Long Island. In the spring of 2014, the DPS will provide comments on its review of PSEG Long Island emergency plans.

## **Department of State**

### *Office of Planning and Development*

The NYS Department of State (DOS) provided support to three commissions formed to guide the State's response to Superstorm Sandy focused on making New York State more resilient to future storm events: NYS Ready, NYS Responds and NYS 2100. The Office of Planning and Development (OPD) provided material related to protection of the State's natural and built environment to the NYS 2100 Commission, which produced recommendations to improve the strength and resilience of the State's infrastructure.

In partnership with NOAA and FEMA, DOS OPD prepared planning maps that depicts 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, and have been used by communities in preparation of NY Rising Community Reconstruction Plans.

DOS OPD assisted the NYS Office of Community Renewal in the preparation of Action Plan sections relating to use of CDBG-DR funds for community planning and reconstruction. OPD designed a bottom-up, community-driven planning program to empower 102 of the most heavily damaged communities to develop comprehensive and innovative local rebuilding plans. The NY Rising Community Reconstruction Program is jointly administered by OPD and GOSR. OPD provided planners to work with communities and manage State contracts with nine consulting firms to prepare reconstruction plans. OPD helped plan and deliver a kick-off conference in July at which planning committee members received information about the program and various planning techniques, and a conference in October where committees presented conceptual plans to Governor Cuomo. OPD continued working with communities to develop final plans as part of an eight-month planning process.

DOS OPD provided support to the housing buy-out program managed by the Governor's Office of Storm Recovery, using its Geographic Information Systems (GIS) capabilities to identify areas

for potential enhanced buyout offers based on their history of extreme weather events, collective interest by homeowners of contiguous properties in the floodplain, and agreement among municipal officials. Under the buy-out program, homeowners could voluntarily offer storm-damaged property for purchase by the State and conversion into open space, coastal buffer zones, parks, or other non-residential uses that will help protect nearby communities from the impact of extreme weather.

#### *Division of Building Standards and Codes*

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

DBSC provided ongoing disaster preparedness and recovery training for code enforcement officials and registered design professionals as part of the PDBAP. DBSC also provided three-hour training programs for code enforcement officials to assist in identifying roles in the disaster preparation and response cycle. Resources necessary for PDBAP functions have been identified and secured, including highly-durable, water-resistant laptop computers and printers, a web-based communication program, and personal protection and inspection equipment for 50 responders. DBSC continued to be an active member of the National Emergency Managers Association (NEMA) and the New York State Emergency Managers Association (NYSEMA). DBSC worked with county emergency managers to develop in-county response teams to be deployed in a localized event that does not warrant a State response. As part of the program, DBSC is providing ongoing training and technical assistance before, during, and after activations.

In response to recommendations intended to increase the resilience of buildings to disasters, DBSC developed a series of building code provisions to increase building resilience, which will be considered as part of the updated Building Codes of New York State.

#### *Division of Community Service / Office of New Americans*

To further rebuild after Superstorm Sandy and to better prepare communities for future storms, New York State initiated the NYS Civilian Emergency Response Corps (CERC) to recruit highly-skilled volunteers that work directly with victims to rebuild homes, lives, and communities. The NYS Office of New Americans led part of this effort to ensure that immigrant communities are a focus of the State's recovery and preparedness efforts. New Americans contributed its talents and skills to build strong and resilient communities. CERC and New American volunteers helped hundreds of families in Nassau County and New York City through community service projects. CERC / New American members were involved in tax clinics, legal clinics, home rebuilds, and community needs assessment projects, and hundreds of emergency preparedness kits were distributed. The network of volunteers established through this project has the potential to develop into a larger network of volunteers prepared to help other

communities respond to and recover from other types of emergencies and disasters on a more permanent basis.

The Division of Community Service and the Office of New Americans worked with the NYS Community Action Association to distribute Google tablets to non-profit organizations located in areas affected by Superstorm Sandy. The donated tablets support a range of activities related to recovery and rebuilding after the storm.

#### *Division of Consumer Protection*

In order to take new measures against the effects of climate change, DOS Division of Consumer Protection Utility Intervention Unit, among other parties, advocated for significant storm hardening investments in Con Edison's energy distribution systems in New York City and Westchester County during Con Edison's most recent electric, gas, and steam rate cases before PSC. PSC's approved order requires Con Edison to implement \$1 billion in capital projects to address reliability and resiliency of its systems, replacement of leak prone gas pipes, and oil-to-gas conversions. The order also provides a process to potentially fund additional storm hardening and resiliency projects to be developed through the Storm Hardening and Resiliency Collaborative over the course of the rate plans.

#### **Division of State Police**

##### *Training and Exercises*

- Training
  - NIMS/ICS
  - FEMA Professional Development
  - HSEEP
  - Governor's Conference on Emergency Preparedness (October)
- Exercises
  - Members participated in a multi-agency illicit radiation smuggling exercise in Monroe County in July, and began planning for a larger scale exercise in August.
  - In December, an executive level tabletop exercise was conducted with MTAPD.
  - Staff participated in REP exercises.

##### *Response*

- Members staffed the State EOC for weather-related events on 16 occasions.
- NYSP members conducted numerous radiation detection road checks.

### *State OEM Liaison Program*

On September 26, NYSP launched its NYSOEM liaison program, consisting of ten Lieutenants and one Captain assigned to work with NYSOEM management and collocated in ten Regional Zones in the State. Lieutenants were assigned to work with NYSOEM Regional Directors and reduce response times to ongoing incidents, emergencies and disasters. In the first three months of the program's inception, the Lieutenants responded to a civil disturbance after a college football game, an MTA train derailment in New York City, a number of forest fires, and several regional winter storms.

The Lieutenants attended more than 700 hours of training, including mandatory emergency managers' training. They also made 128 contacts at the county emergency management level; 87 contacts with other police agency representatives; supported 49 planning efforts; participated or supported 29 exercises; participated or supported 12 EOCs; and deployed 18 times to provide situational awareness in emergencies.

### **Office of Temporary and Disability Assistance**

The NYS Office of Temporary and Disability Assistance (OTDA) continued to support recovery efforts from Superstorm Sandy and support the response to the Mohawk Valley Flooding. OTDA chaired the Human Services Committee of the DPC, and continued to serve as chair of the Human Services Branch under the direction of NYSOEM during activations. The Human Service Branch is historically one of the first branches activated and is often 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 and OCFS are co-leaders of the DAC Plan. DAC group leaders worked on after-action items from Hurricane Irene, Tropical Storm Lee, and Superstorm Sandy. Activities included development of training modules with a target audience of local jurisdictions, service providers, and DRC staff to clarify roles and responsibilities related to the opening, management and demobilization of DRCs. Since the June floods of 2006, the DRC group saw an increase in the number of DRCs opened, in addition to a significant increase in the number of survivors accessing services at these centers. This trend created the demand for the group to build an expanded team of trained personnel to support operations, and management of these centers. The development of these computer-based training programs is expected to be finished and available for deployment in 2014.

OTDA is also the lead agency for the Unmet Needs group. As needs are identified during a disaster, they are typically referred to agencies or organizations that can help meet and resolve those needs. OTDA may coordinate with DHSES on any unmet needs and supports NYSOEM in the implementation of the DCM program.

OTDA also led the implementation of the Human Services Annex, DAC Plan, and Unmet Needs Plan, which are part of the State CEMP. OTDA participated on other human services functional groups, including Mass Care Support and Housing.

As Chair of 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 routine meetings ensure coordination with partner agencies and a constant state of readiness.

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

OTDA maintains a warehouse that houses the Human Services Stockpile and supports central receiving and distribution of resources to support disaster operations. OTDA worked in close coordination with DHSES and OGS regarding future plans for integrating some of these resources into the regional logistics centers. Supplies received as part of the State Homeland Security Program investment justification process have been accounted for in the inventory management system, and are tagged and ready for deployment if needed for disaster response.

OTDA reviewed and updated its agency CEMP and COOP Plan. Recently, OTDA and OCFS jointly issued a survey to local social service districts in all 62 counties of the State regarding (COOP) Programs, with the intent to provide support and technical assistance as needed to enhance human services agency readiness at the local level. OTDA also conducted workshops at the New York Public Welfare Association conferences on topics related to planning for emergencies and continuity of operations.

OTDA participated in NYS Forum meetings to discuss activities involving business continuity in a disaster. OTDA also participated in other related workgroups, including the HSSAC and the NYS Energy Emergency Plan Comprehensive review process.

OTDA staff participated in NIMS training and exercise opportunities offered throughout the year, and annually provided updates regarding agency compliance with NIMS. Exercises included REP, pandemic influenza, federal and State level exercises, and other local exercises.

OTDA maintained policies and procedures related to functions administered as part of its disaster preparedness, health, safety, and security programs. Health and safety, and disaster preparedness intranet sites are maintained by OTDA to provide resources and safety tips to employees. OTDA actively participates in NY-ALERT for employee emergency notifications. OTDA also maintained a SharePoint site for collaboration on COOP program information. OTDA used the Government Emergency Telecommunications Service (GETS) and Wireless Priority Service (WPS) programs and conducts monthly tests for this service to enhance its communications capabilities in times of disaster.

## Thruway Authority

The NYS Thruway Authority played a significant role in providing assistance statewide, especially during the 2013-14 winter season. Response included:

- Deploying staff and equipment to assist with snow and ice operations on Long Island.
- Deploying staff and equipment to Mohawk Valley communities to assist with flood recovery.
- Provided staff in support of resource planning and State EOC activations for the Super Bowl, winter storm events and other severe weather events.
- Coordinating resource deployment for the Buffalo area to address severe winter weather conditions. These efforts included a coordinated closing of portions of the Thruway system as well as other Interstate and State roadways.
- Utilizing strategic salt stockpiles to identify available supplies and provide salt to New York City and other municipalities during widespread shortages downstate.

In addition to supporting activations of the State EOC, Thruway Authority activated both Headquarters and Division EOCs to facilitate the response to and coordination of severe or widespread significant weather events. These EOCs are staffed by trained Thruway and NYSP management personnel, and staff from partner agencies when necessary. Thruway Authority maintains a cadre of trained individuals to serve in incident management roles directly for the Thruway and as liaisons to staff the State or county EOCs when activated.

Thruway Authority continued its close working relationships with key partners at DOT, DHSES, and NWS to closely coordinate response to events impacting the State's transportation infrastructure. In addition, Thruway Authority continued partnering efforts with organizations such as the Transportation Operations Coordination Committee (TRANSCOM) in the NYC metro area and the Niagara International Transportation Technology Coalition (NITTEC) in western New York.

Other coordinated actions included:

- Conducted tabletop exercises with transportation and emergency response partners.
- Participated in agency coordination calls to conduct pre-event planning efforts.
- Continued outreach with municipal and other partners to develop response protocols and establish contacts and working relationships.
- Established a duty officer system for the New NY Bridge project that parallels the Thruway Authority's existing system in order to facilitate the management of incidents impacting this critical project or the Thruway system.

In support of the Thruway Authority's winter maintenance program and severe weather preparation efforts, operational protocols were developed to assist with resource deployment decisions to address needs both on the Thruway system and elsewhere within the State.

Thruway Authority undertook a system-wide evaluation to identify areas impacted by recurring flood events which have significant impacts to traffic flow. In locations where it is practical, Thruway Authority's Capital Program will be utilized to incorporate solutions. The first such contract, TANY13-51, was let in December and incorporated mitigation at three flooding locations on I-87 in the Suffern area of Rockland County. This project incorporated funding from the federal government's hazard mitigation program for these critical improvements. Work is scheduled for completion by the end of 2014. Projects incorporating improvements at other locations are presently in the scoping or design phase.

### Canal Corporation

#### *Mohawk Dams*

In April, FEMA approved the NYS Canal Corporation's Section 406 Hazard Mitigation Proposal (HMP) 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 Canals 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. Work on mitigation improvements began in January 2012 and will be completed in 2017. By the end of 2013, the project was approximately 55% complete.

#### *Internal Procedures*

As part of the Mohawk Dam improvement effort, Canals instituted new operating procedures 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 fully tested during the June/July storms, and proved to be effective. Minor revisions, due to lessons learned in 2012 and 2013, will be formalized in 2014. Canals continued development of internal guidance documents for staff who are 24-hour on-call duty officers – 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 finalized in 2014.

#### *Dam Safety*

Canal Corporation submitted an annual certification to DEC that indicates all DEC-regulated dams are in compliance with DEC regulations. Canals also prepared engineering assessments and performed safety inspections for two DEC-regulated High-Hazard (Class C) dams, and updated Emergency Action Plans (EAP) for the Canal Corporation's 13 Class C–High Hazard and 19 Class B–Intermediate Hazard dams. Canals performed structural inspections of nine dams to identify possible deficiencies and necessary corrective actions. Canals also expanded the

Inspection and Maintenance Plans for DEC-regulated dams to ensure all public safety-related components are adequately inspected and maintained.

### *Earthquake Response*

Canal Corporation and Thruway Authority staff developed 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 was implemented in 2013.

### *Flood Mitigation*

In November, FEMA approved the Canal Corporation's Section 404 HMGP under DR-4020/4031 (Hurricane Irene/Tropical Storm Lee) to develop a Flood Warning Systems (FWS) for the Upper Hudson River, Mohawk River, and Oswego River Basins. This FWS will 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 a more-than 15% reduction in damages. The 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. The FWS would be implemented by Canals 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 27 of New York State's most flood-prone counties with a population in excess of 2.6 million people in these basins. Work on the project began in early 2014 and is expected to be complete by the end of 2015.

## Department of Transportation

The NYS Department of Transportation (DOT) implemented, developed and/or updated various software applications for in-house use in logistics, personnel/resource tracking, accounting, damage assessments and reporting – this included:

- Roadway Status Damage Assessment (RSDA) – used to track transportation system damage after storms.
- Statewide Emergency Event Resource Tracking (SEERT) – used to track movement of individuals and equipment throughout the State when DOT deploys work crews from different regions to assist in another region.
- NY OpenReach - used by Transportation Management Centers (TMC) across the State to track incidents and construction work; TMC operators use this software to provide information on incidents, special events, construction work, etc. that informs the State's 5-1-1 system.
- Safety Data Sheet (SDSpro) – formerly Material Safety Data Sheet (MSDS).
- Event and Accident Reporting Log (EARL) – used to track incidents through the Statewide Transportation Information Coordination Center (STICC).

DOT conducted internal drills at the Regional and Department-wide levels, tours of the STICC for personnel from partner agencies, including DMNA, NYSP, DOH, MTA, Thruway Authority and OFPC, and conducted regularly scheduled conference calls with regional emergency managers. DOT also participated in Traffic Incident Management team activities and meetings, as well as the Nemo/Saturn Storm Response After-Action Meeting.

DOT maintained its ICS structure, including recruitment and training of replacement staff, which increased overall depth of these positions and minimized volunteer personnel from being overburdened. This is due to the increased number of activations over the past year. DOT attended and/or participated in various NYSOEM hosted meetings, workgroups, drills, trainings and webinars such as NYS Homeland Security Strategy, EMAP Accreditation, DisasterLAN for EOC Personnel, and the State EOC Course.

DOT continued to provide logistical and mechanical support for NYSOEM equipment and missions when needed, and responded to numerous weather-related events, including June/July flooding event, Metro North, Snow Storms “Q” and “Ukko,” and Tropical Storm Andrea. During the Mohawk Valley flooding in June/July, DOT provided logistical support, debris removal, engineering consultation and inspection, especially with respect to bridges, at the local level. DOT also cleared several significant landslides affecting state routes, and performed sewer-jet, road sweeping, and grading in support of the local transportation system.

DOT participated in various weather related meetings, webinars and symposiums:

- NWS Spring and Fall Emergency Managers meetings
- American Association of State Highway and Transportation Officials (AASHTO) Extreme Weather Events Symposium (Washington, DC)
- NWS Wireless Emergency Alerts Webinar
- USDHS Webinar - Accessing and Monitoring Weather Data to Aid Decision-Making during Hazardous Events
- Accuweather NYS Winter Outlook Webinar

DOT participated in various REP exercises and planning activities, including nuclear power plant meetings, exercises and drills, as well as the NYS Nuclear Safety Sub-Committee Power Pool Meeting and the Annual Emergency Action Level (EAL) training at DMNA. DOT also attended group meetings, including the REPWG, REP Law Enforcement–Transportation Functional Group, and Emergency Worker Personnel Monitoring Center (PMC) Workgroup. DOT also worked with NYSOEM REP staff to organize additional radiological and PMC training for DOT employees.

### **Office of Victim Services**

The NYS Office of Victim Services (OVS) regularly participated in DPC activities. OVS experienced turnover in staff assigned to NYSOEM and continued to evaluate appropriate staffing levels for various disaster scenarios. OVS offered staffing for the State EOC, but was not required to send staff. As OVS is not an infrastructure agency, its role in any State EOC activation is generally limited to offering staffing support as requested. OVS's role in any activation of the State EOC would be as a result of a terror attack or other crime-related, mass casualty event.

OVS continued to review overall continuity of operations and crime-related, mass casualty response unit structure. OVS has a network of Victim Assistance Programs (VAPs) around the state that provides direct services to victims of crime – 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 trained 48,927 people in emergency preparedness through its community disaster education programs. Red Cross responded to 3,992 local disasters (nearly 11 disasters per day), collected approximately 378,000 units of blood, and provided 120 hospitals with 345,000 blood products.

Two Red Cross AmeriCorps programs continued to help build capability and capacity for the organization and provide preparedness information to the communities of New York State.

Red Cross participated in Human Services Leadership and Steering Committee meetings throughout the year. As a sheltering co-lead with DOH, Red Cross continued to work with State partner agencies to finalize the State Mass Care Support Plan. Red Cross participated in the HSSAC and the NYS Training and Exercise Planning Workshop.

More than four paid staff and volunteers participated in State EOC and Disaster LAN Training, two staff participated in the State EOC Logistics Course, and one staff participated in the State EOC Planning Course. Red Cross participated in the federally-evaluated Nine Mile Point plume exercise on June 19.

ARC was requested to report to the State EOC for seven activations. Two activations were for severe weather and flooding, and five were for winter storms. Activations with significant Red Cross activity included the Mohawk Valley flooding in June/ July – Red Cross supported both Human Services' sheltering group and the agency desk during this two-week activation. There were four shelters with a cumulative population of 315 overnight stays; 14,021 meals and 19,717 snacks were served, while 23,750 items were distributed to clients.

During the late December ice storm that impacted portions of western and northern New York State, Red Cross staffed and supported 12 shelters with a cumulative overnight population of 44 clients.

Red Cross continued to support recovery efforts for Superstorm Sandy by working one-on-one with those impacted by Sandy and collaborate with other organizations.

## ACRONYMS

A2S2	Advanced Active Shooters Scenario (training course)
AAA	Area Agency on Aging (OFA)
AASHTO	American Association of State Highway and Transportation Officials
AFRCC	U.S. Air Force Rescue Command and Control
AQI	Air Quality Alert
ATV	All-Terrain Vehicle
B&T	Bridges and Tunnels (MTA)
BECI	Bureau of Environmental Crimes Investigation (DEC)
BEMS	Bureau of Emergency Medical Services (DOH)
CBRNE	Chemical, Biological, Radiological, Nuclear, Explosive
CCE	Cornell Cooperative Extension
CCP	NYS Citizen Corps Program
CDBG-DR	Community Development Block Grants – Disaster Recovery
CDC	Centers for Disease Control and Prevention
CEMP	Comprehensive Emergency Management Plan
CEPA	County Emergency Preparedness Assessment
CERC	NYS Civilian Emergency Response Corps
CERT	Correction Emergency Response Team (DOCCS)
CMS	Centers for Medicare and Medicaid Services
CPOD	Commodity Point of Distribution
CST	Civil Support Team (DMNA)
CTZ	Counter Terrorism Zone
D&C	Design and Construction Unit (OGS)
DAC	Disaster Assistance Center
DAM	NYS Department of Agriculture and Markets
DART	Disaster Assistance Response Team
DBSC	Division of Building Standards and Code (DOS)
DCJS	NYS Division of Criminal Justice Services

DCM	Disaster Case Management
DEC	NYS Department of Environmental Conservation
DFS	NYS Department of Financial Services
DFTA	New York City Department for the Aging
DLE	Division of Law Enforcement (DEC)
DMNA	NYS Division of Military and Naval Affairs
DOCCS	NYS Department of Corrections and Community Supervision
DOH	NYS Department of Health
DOL	NYS Department of Labor
DOS	NYS Department of State
DOT	NYS Department of Transportation
DPC	NYS Disaster Preparedness Commission
DPS	NYS Department of Public Service
DPU	Disaster Preparedness Unit (DOH)
DR/BCP	Disaster Recovery and Business Continuity Plan
DRC	Disaster Recovery Center
e-FINDS	NYS Evacuation of Facilities in Disasters System
EAL	Emergency Action Level (REP)
EAP	Emergency Action Plan
EARL	Event and Accident Reporting Log (DOT)
ECI	Environmental Conservation Investigator (DEC)
ECO	Environmental Conservation Police Officer (DEC)
EDEN	Extension Disaster Education Network (CCE)
ELT	Emergency Locator Transmitter
EMAC	Emergency Management Assistance Compact
EMAP	Emergency Management Accreditation Program
EMI	Emergency Management Institute (FEMA)
EMPC	Emergency Management Planning Council (DFS)
EMS	Emergency Medical Service

EOC	Emergency Operations Center
EOF	Emergency Operations Facility (REP)
EORS	Electric Outage Reporting System (PSC)
EPZ	Emergency Planning Zone (REP)
ERG	Emergency Response Guidebook
ESD	NYS Empire State Development
ESF	Emergency Support Function (FEMA)
EVDD	Emergency Vehicle Defensive Driving (training course)
EVOC	Emergency Vehicle Operators Course (training course)
FAA	U.S. Federal Aviation Administration
FAST	Firefighter Assist and Search Team
FBI	U.S. Federal Bureau of Investigations
FBICC	Financial and Banking Information Infrastructure Committee
FDA	U.S. Food and Drug Administration
FDNY	New York City Fire Department
FEMA	U.S. Federal Emergency Management Agency
FESHE	Fire and Emergency Service Higher Education Consortium
FHWA	U.S. Federal Highway Administration
FLIR	Forward Looking Infrared Radar
FMA	Flood Mitigation Assistance
FTA	U.S. Federal Transit Administration
FWS	Flood Warning Systems
GETS	Government Emergency Telecommunications Service
GIC	Geographic Information Center
GIS	Geographic Information Systems
GOER	NYS Governor's Office of Employee Relations
GOSR	NYS Governor's Office of Storm Recovery
HAB	Hostile Action-Based (REP exercise/event)
HEC	Healthcare Evacuation Coordination Center

HEPC	Healthcare Emergency Preparedness Coalition
HHS	U.S. Department of Health and Human Services
HMEP	Hazardous Materials Emergency Preparedness
HMGP	Hazard Mitigation Grant Program
HMP	Hazard Mitigation Proposal
HMFR0	Hazardous Materials First Responder Operations (training course)
HRF	Homeland Response Force (DMNA)
HRT	Hostage Rescue Team (FBI)
HSEEP	Homeland Security Exercise and Evaluation Program
HSSAC	Homeland Security Senior Advisory Committee
HUD	U.S. Department of Housing and Urban Development
IBTTA	International Bridge, Tunnel, and Turnpike Association
ICP	Incident Command Post
ICS	Incident Command System
IDW	Instructor Development Workshop (training course)
IED	Improvised Explosive Device
IEOC	Insurance Emergency Operations Center
IMPACT	Integrated Municipal Police Anti-Crime Teams
IMT	Incident Management Team
IND	Improvised Nuclear Device
IPEC	Indian Point Energy Center
IRAS	Initial Response to Active Shooters (training course)
ITAC	Indicators of the Terrorist Attack Cycle (training course)
JIS	Joint Information System
JFO	Joint Field Office
JTF (-ES)	Joint Task Force (Empire Shield)
LASER	Law Enforcement Active Shooter Emergency Response (training course)
LEPC	Local Emergency Planning Committee
LIRR	Long Island Rail Road (MTA)

LMR	Land Mobile Radio
LOI	Letter of Intent
MWBE	Minority and Women-owned Business Enterprise
MCI	Mass Casualty Incident
MCM	Medical Countermeasure
MNR	Metro-North Railroad (MTA)
MTA(PD)	Metropolitan Transportation Authority (Police Department)
NAFTD	North American Fire Training Directors Association
NASF	National Association of State Foresters
NCSP	National Center for Security and Preparedness (University at Albany)
NDPC	National Domestic Preparedness Consortium
NEG	National Emergency Grant Program
NEMA	National Emergency Managers Association
NFA	National Fire Academy
NFPA	National Fire Protection Association
NFIRS	National Fire Incident Reporting System
NG	National Guard
NIMS	National Incident Management System
NITTEC	Niagara International Transportation Technology Coalition
NOAA	National Oceanic and Atmospheric Association
NWS	National Weather Service
NYCDEP	New York City Department of Environmental Protection
NYCDOT	New York City Department of Transportation
NYCOEM	New York City Office of Emergency Management
NYCT	New York City Transit (MTA)
NYMF	New York Military Force
NYPA	New York Power Authority
NYSEMA	New York State Emergency Managers Association
NYSERDA	NYS Energy Research and Development Authority

NYSOEM	NYS Office of Emergency Management
NYSP	NYS Division of State Police
NYSPro	NYS Procurement (OGS)
NYTOA	New York Tactical Officers Association
OASAS	NYS Office of Alcoholism and Substance Abuse Services
OCFS	NYS Office of Children and Family Services
OCT	NYS Office of Counter Terrorism
OFA	NYS Office For the Aging
OFPC	NYS Office of Fire Prevention and Control
OGS	NYS Office of General Services
OHSEPR	U.S. Office of Human Services Emergency Preparedness Response
OIEC	NYS Office of Interoperable and Emergency Communications
OPD	Office of Planning and Development (DOS)
OPRHP	NYS Office of Parks, Recreation and Historic Preservation
OPWDD	NYS Office for People with Developmental Disabilities
OTDA	NYS Office of Temporary and Disability Assistance
PANYNJ	Port Authority of New York and New Jersey
PDA	Preliminary Damage Assessment
PDBAP	Post-Disaster Building Assessment Program
PDM	Pre-Disaster Mitigation
PIO	Public Information Officer
PLB	Personal Locator Beacon
PMC	Personnel Monitoring Center (REP)
PPE	Personal Protective Equipment
PPM	Priority Protective Measure
PRD	Personal Radiation Detection
PSC	NYS Public Service Commission
RCPG	Regional Catastrophic Planning Grant
RCPT	Regional Catastrophic Planning Team

RED	Ready Emergency Data (Book) (OCFS)
REP(P)	Radiological Emergency Preparedness (Plan)
REPWG	Radiological Emergency Preparedness Working Group
RFFT	Recruit Firefighter Training
RFP	Request for Proposal
RPM&F	Real Property Management and Facilities Unit (OGS)
RRT	Rapid Response Team
RSDA	Roadway Status Damage Assessment (DOT)
SAD	State Active Duty (DMNA)
SAR	Suspicious Activity Reporting (training course)
SBA	U.S. Small Business Administration
SCOFA	Suffolk County Office for the Aging (OFA)
SDS	Safety Data Sheet (formerly Material Safety Data Sheet)
SEERT	Statewide Emergency Event Resource Tracking (DOT)
SEFU	Storm Emergency Field Unit
SGR	Strategic Gasoline Reserve (NYSERDA)
SIGC	Statewide Interoperable Communications Grant
SLMS	Statewide Learning Management System
SORT	Special Operations Response Team (NYSP)
SPR	State Preparedness Report
SPTC	NYS Preparedness Training Center
STC	Secure the Cities (program)
STICC	Statewide Transportation Information Coordination Center (DOT)
STR	Strategic Technology Reserve (vehicle)
SUNY	State University of New York
SWCD	State Committee of Soil and Water Conservation Districts
T-t-T	Train-the-Trainer (training course)
TECC for LE	Tactical Emergency Casualty Care for Law Enforcement (training course)
TEEX	Texas Engineering Extension Service (Texas A&M University)

THIRA	Threat, Hazard Identification Risk Assessment
(A) TIG	(Area) Transportation Infrastructure Group
TMC	Transportation Management Center
TRADE	Training Resources and Data Exchange Organization
TRANSCOM	Transportation Operations Coordination Committee
USAR	Urban Search and Rescue
USDA	U.S. Department of Agriculture
USDHS	U.S. Department of Homeland Security
USDOT	U.S. Department of Transportation
VAL	Voluntary Agency Liaison
VAP	Victim Assistance Program (OVS)
WMD	Weapon of Mass Destruction
WPS	Wireless Priority Service