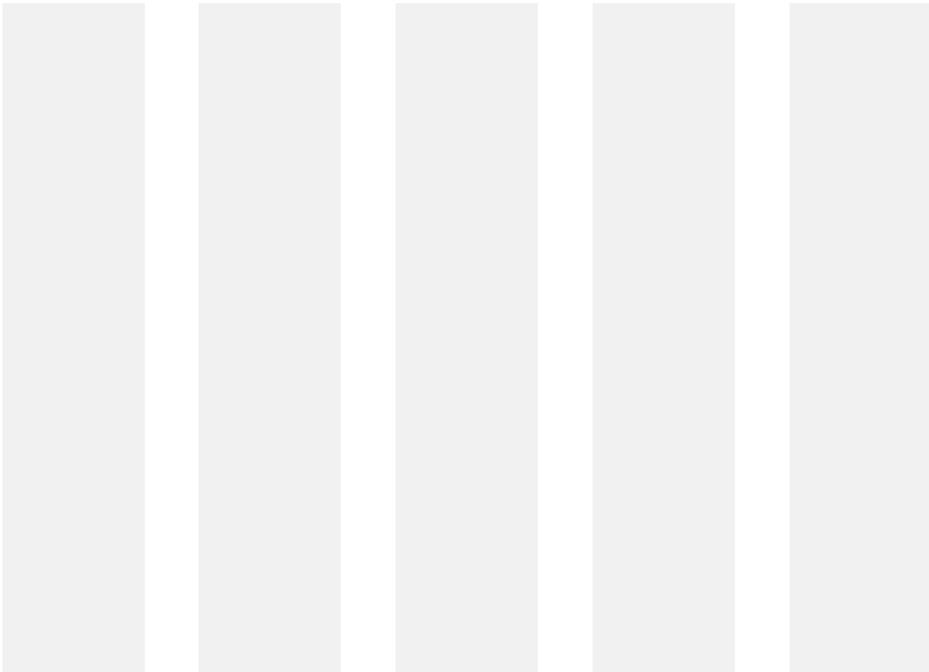




New York State **OFFICE OF HOMELAND SECURITY**

Annual Report 2008





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Our Organization

The New York State Office of Public Security (OPS) was created in October 2001, shortly after the horrific attacks on September 11, 2001. The Office of Homeland Security was codified in July 2004 and as of January 2007, reports directly to the Governor through the Deputy Secretary for Public Safety. OHS coordinates the policies, protocols and counter-terrorism strategies for New York State governmental agencies. The Office works directly with the federal Department of Homeland Security and local agencies and private-sector organizations involved in counter-terrorism.

Our Mission

The Office of Homeland Security directs and coordinates a comprehensive counter-terrorism and 'all-hazards' prevention, preparedness, and response strategy to protect the people of the State of New York.

Our Operating Divisions

We have eleven operating divisions, they are:

- Intelligence
- Operations
- Legal and Government Affairs
- Critical Infrastructure Protection
- Training and Exercises
- Public Safety
- Program and Planning
- Grants Administration
- Information Technology
- Administration
- Cyber Security and Critical Infrastructure Coordination

HIGHLIGHTS OF 2008

Federal Homeland Security Grant Funding:

In 2008, New York State received \$537 million in homeland security funding through 16 distinct grant programs. This is a 23.4% increase from 2007, when the State received \$435 million in federal homeland security funding.

Accreditation of State Preparedness Training Center (SPTC):

In a major accomplishment for OHS, the SPTC was accredited by the Commission on Accreditation of Law Enforcement Agencies (CALEA) at their annual meeting. Joining the ranks of nationally accredited academies represents a major accomplishment for the SPTC. There are currently fewer than a dozen accredited academies in the entire county and only one other accredited academy in New York State.

Increased Surveillance Due to Threat to Transit System:

Transit security partners throughout the NYC metropolitan area initiated a significant, visible, proactive law enforcement presence on surface transportation in response to possible substantiated threats.

State Preparedness Report:

New York State successfully submitted its first State Preparedness Report in 2008. The report was a new requirement mandated by the Post Katrina Emergency Management Reform Act and represents a comprehensive summary of the State's efforts to increase preparedness across the eight National Priority Areas.

OHS Regional Meetings:

OHS sponsored six regional meetings at locations throughout the State. Emergency managers, local grant administrators and representatives from the first responder community both received information and provided feedback on grants, training, exercise support, National Incident Management System (NIMS) certification requirements, and cyber security and critical infrastructure initiatives and programs.



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PROTECT THE CITIZENS OF NEW YORK

- Transit Security
- Critical Infrastructure
- Pipeline Facilities
- Chemical Security
- Securing the Cities (STC) Statewide
- Radiation, Detection, and Interdiction Security



Transit Security

OHS continues to focus on transit security and remains committed to the support and facilitation of transit security projects for the New York City Urban area. OHS works in collaboration with the Greater New York/New Jersey/Connecticut Regional Transit Working Group (RTSWG), a dedicated multi-agency team from the tri-state region's transit systems to set funding priorities and assess regional transit security needs. In 2008, over \$178 million was awarded to New Yorkers under the Transit Security Grant Program (TSGP) to protect critical transit infrastructure from terrorism.



OHS continues supporting the Visible Intermodal Prevention and Response (VIPR) program that conducts operations nationwide. In 2008, over 265 operations were held in New York State. These multiple agency operations augment the security of any node of transportation at any location within the State. The purpose is to provide a visible presence to detect and deter suspicious activity while installing confidence in the traveling public.

In November of 2008, transit security partners throughout the NYC metropolitan area initiated a significant, visible, proactive law enforcement presence on surface transportation in response to possible substantiated threat information. Coordination occurred within public safety agencies and provided two-way sharing of information between the state and local level.

Critical Infrastructure

Another key component of New York's Homeland Security Strategy is to protect critical infrastructure that affect the daily lives of more than 20 million New York State residents. OHS continues to make steady and measurable progress towards coordinating and bringing together partners in the federal, State, local agencies and private sector towards an all encompassing critical infrastructure protection program that are vital to the state.



Significant Accomplishments for 2008:

- Facilitated the training and “roll-out” of the Automated Critical Asset Management Statewide Assessment (ACAMS) Tool Portal to law enforcement and other members of the first responder community.
- Administered and facilitated the development of the 2008 Buffer Zone Protection Plan with an allocation of over \$4 million for planning and equipment acquisition for a unique high-risk cluster project for New York City.
- OHS participated in site security reviews for 75 sites in 2008 to include participation with our federal Protective Security Advisors (PSAs) on Enhanced Critical Infrastructure Protection (ECIP) Visits, Site Assistance Visits (SAVs), Initial Assessment Visits (IAV), and Buffer Zone Protection Plan (BZZP)

Pipeline Facilities

OHS coordinated site security reviews at 25 pipeline facilities in New York and provided an initial report to the State Legislature in early 2008. A final report on security at pipeline facilities in the State was provided to the Governor, designated members of the Legislature and select state agency Commissioners in December. Throughout the year, OHS representatives met with industry representatives regarding both physical and cyber security protection of pipeline facilities.

Chemical Security

OHS continues developing information with regard to chemical sites in the State, expanding our information sharing capability with those private owners and operators, and working on regulations regarding the security and storage of explosives and chemicals. In 2008, OHS disseminated a Chemical Sector Advisory to members of the chemical and hazardous materials community on the continued terrorist interest in the use of hydrogen peroxide based explosives. In addition, OHS provided a comprehensive report to the Governor and Legislative leaders regarding chemical sector security. This report included a review of security measures and New York State regulations concerning explosive magazine storage and security and measures to be taken to meet new federal chemical security regulations.

Securing the Cities (STC) and Statewide Radiation Detection and Interdiction

In 2008, OHS worked with the New York Police Department (NYPD), the DHS Domestic Nuclear Detection Office, STC partner agencies and relevant New York State and local agencies to conduct two exercises and 10 training programs associated with radiation source security, detection and interdiction. With the assistance of the State Police, OHS implemented a statewide radiological detection and interdiction program. All 13 accredited bomb squads in New York State demonstrated “reach back” capability for scientific support via wireless data transmission

SHARE INFORMATION AND PREPARE FIRST RESPONDERS

- Intelligence Advisories
- Outreach to Canadian Provinces of Quebec
- Critical Infrastructure-Suspicious Activity Reporting (CI-SAR)
- Private, State and Federal Outreach
- Enhance First Responder Capability
- First Responder Training
- National Incident Management System (NIMS)
- Mobile Emergency Response Cache (MERC) Trailers
- Interoperable Communications
- State Preparedness Training Center



Intelligence Advisories

OHS, in coordination with the New York State Intelligence Center (NYSIC), developed and distributed more than thirty advisories in 2008 to law enforcement agencies and organizations throughout New York. Numerous advisories were also distributed to specific sectors such as chemical facility owners and operators.

Outreach to Canadian Province of Quebec

In 2008, OHS significantly increased our outreach to the Province of Quebec to include the completion of a Memorandum of Understanding, an intelligence analyst “exchange” between New York and the Province of Quebec, and the completion of a Canadian-New York Table Top Exercise. OHS continues to partner with the Conference Board of Canada on improving the critical infrastructure protection and response capabilities of public and private sector organizations in the New York-Ontario region.

Critical Infrastructure-Suspicious Activity Reporting (CI-SAR)

OHS continued to develop and implement a program for intelligence analysts which integrates suspicious activity reports and critical infrastructure locations in the State. Intelligence analysts use the tool to determine trends and patterns for additional analysis and investigation. During 2008, OHS analyzed tip information regarding proximity to hotels, transportation sites, ammonium nitrate facilities and explosive magazine sites.

Private Sector Outreach

In 2008, OHS sustained information sharing initiatives developed in 2007 with private companies in the chemical sector. The Homeland Security Information Network-New York (HSIN-NY) portal was established to provide information to public and private sector partners. Relevant state and federal information is posted on the secure portal including, for example, information on border security, the Automated Critical Asset Management System (ACAMS), exercises, intelligence and threat assessments.



Federal Outreach

OHS maintains frequent contact with federal agencies including the Department of Homeland Security, Joint Terrorism Task Forces (JTTFs) in New York, Area Maritime Security Committees (AMSC) and federal law enforcement agencies on our Northern Border.

State Agency Outreach

OHS ensures coordination of homeland security initiatives among State agencies and facilitates the Governor Homeland Security Executive Council (HSEC), Interagency Homeland Security Strategy Work Group (HSSWG), and the State Preparedness Steering Committee meetings.

Law Enforcement Outreach

OHS sustained outreach efforts to Law Enforcement agencies throughout the State by attending regional Counterterrorism Zone (CTZ) meetings, facilitating quarterly Counterterrorism Zone (CTZ) conference calls among CTZ Chairs, and through quarterly meetings of the Executive Committee for Counterterrorism (ECCT).

Enhance First Responder Capability

In 2008, OHS continued its efforts in a robust training and exercise program for First Responders. OHS offered or sponsored 362 courses with a total of 13,784 students in New York State. This is a 117% increase in programs and 141% increase for students from 2007.

National Incident Management System (NIMS)

OHS serves as the lead agency for coordinating New York's NIMS implementation process. OHS provided the technical assistance and support necessary to facilitate at least 90% statewide compliance with federal 2008 NIMS compliance requirements. All 57 counties, the City of New York, and 34 state agencies reported their required NIMS compliance data to OHS for submission to Federal Emergency Management Agency by the 2008 deadline.

Mobile Emergency Response Cache (MERC) Trailers

Partnering with the Office for Fire Prevention and Control (OFP&C), OHS sustained the deployment, maintenance and calibration of specialized detection and response equipment in over 170 first responder trailers located in counties throughout the State.



Interoperable Communications

In 2008, New York State was awarded \$7,835,108 under the Interoperable Emergency Communications Grant Program (IECGP). Funding was allocated to nine jurisdictions after applications were rated and approved by the State Interoperability Executive Committee. IECGP provides funding to improve interoperable emergency communications capabilities across states, territories, local units of government, and tribal communities and supports the implementation of the Statewide Communication Interoperability Plans.

In addition, New York State was awarded \$60,734,783 through the Public Safety Interoperable Communications (PSIC) grant program to assist public safety agencies with acquiring, deploying or training for communications systems that enable interoperability with other radio-communications systems operating in the public safety spectrum. Funding was dispersed to New York City in the amount of \$34.8 million and the Strategic Technology Reserve for \$4.7 million. The New York State Interoperability Project received \$6.3 million for statewide planning efforts.

In November of 2008, New York State was notified that it had been selected to participate in the National Governor's Association Center Policy Academy on interoperable communications. New York was one of six states selected to participate in this program. The goal of this policy Academy is to improve state interoperability governance structures that oversee statewide communications planning and implementation.



State Preparedness Training Center

The State Preparedness Training Center (SPTC) located at the former Oneida County Airport in Central New York continues to serve as a hub for emergency response training for first responders. In 2008, OHS provided training for 1,679 students. In addition, the SPTC hosted an additional 65 events for 3,179 students.

The SPTC serves many organizations across the state including Counties, City Police and Fire Departments including New York City, State Agencies including the Office of Homeland Security and the Division of State Police, the National Guard, and many more.

In December 2008 the Training Center received Accreditation as a Public Safety Training Center from the Commission on Accreditation of Law Enforcement Agencies (CALEA). As the first multidiscipline training center to be accredited in the nation the SPTC has showcased their commitment by establishing policies and procedures that adhere to specific standards designed to increase effectiveness and efficiency, leading to excellence in management and service delivery.

In 2008, the Center began supporting Emergency Vehicle Operations Course (EVOC) programs for a number of federal, state and local agencies. 21 courses for 818 students were held for various agencies including the New York State Police, Office of the Attorney General, National Guard, Mohawk Valley Police Academy, Utica Police Department, Oneida County Sheriff, and Oriskany Fire Department.

The center was selected as one of four national host facilities for the National Sheriff's Association's "Weapons of Mass Destruction (WMD) First Responder Program" drawing students from across the nation.

The center hosted the 2nd Annual Volunteer First Responder WMD Weekend and several National Guard Field Training Exercises, supporting first responders in WMD and Chemical Biological Radiological Nuclear Explosive (CBRNE) Programs that specifically targeted EMS, Fire, Law Enforcement, Public Works, Security, Emergency Management; Incident Command, and training in the National Incident Management System (NIMS).



Exercises

In 2008, OHS coordinated over 50 separate exercises in 25 Counties in New York. OHS provided significant support to State Emergency Management Office (SEMO) in the execution of “Empire Express,” a hurricane preparation and response exercise which included all major state agencies and significant involvement from multiple counties. In addition, OHS provided Homeland Security Exercise and Evaluation Program (HSEEP) instruction for over 200 personnel.

Operation Urgent Action

OHS, New York State Police (NYSP) and the New York State Intelligence Center Office (NYSIC) participated for the second year in a large-scale exercise requiring law enforcement to successfully detect and interdict radiological material stolen from a fictional industrial site. The scenario involved recovering the material before it could be successfully transported out of the area under the assumption that it would be used for terrorist purposes. The four-day Operation Urgent Action was comprised of three major focuses: Intelligence Analysis and Information Gathering, CBRNE Detection, and Bomb Disposal/Hazardous Device Mitigation.



SECURE OUR NORTHERN BORDER

- Strategic Police Intelligence Driven Enforcement Response (SPIDER)
- Project North Star
- Explosive Detection Canine
- License Plate Readers
- Cargo Security

Strategic Police Intelligence Driven Enforcement Response (SPIDER)

A secure Northern Border is critical to New York’s homeland security strategy. SPIDER is a New York State border enforcement initiative that is modeled after the federal DHS Operation Stonegarden Grant program. Stonegarden gave Border States the flexibility to use grant funding to enhance anti-terrorism effectiveness through coordinated law enforcement activities involving local, state, tribal and federal agencies. The SPIDER initiative enhances border security along the New York/ Canadian border and applies law enforcement assets in strategic locations to disrupt and deter criminal activity and to gain intelligence. OHS, in conjunction with State Police and Federal border agencies, coordinated and executed 10 multi-agency, intelligence-driven border security operations in 2008 including collaboration with over 40 different agencies.



In addition, there were also three maritime operations on the Hudson River from New York City to Albany involving 15 different agencies. Two courses were held to enhance the awareness level of law enforcement personnel that work with maritime sector assets.

SPIDER operations in 2008:

- | | |
|----------------------------|------------------------|
| • Operation Spider Bite | Alexandria Bay |
| • Operation Black Widow | Buffalo/ Niagara Falls |
| • Operation River Guard | Hudson River |
| • Operation Lake Champlain | Lake Champlain |
| • Operation Lynx | Champlain |
| • Operation Grey Goose | Thousand Islands |
| • Operation Winter Heat | Buffalo |
| • Operation D-Con | Alexandria Bay |
| • Operation The Grinch | Buffalo |
| • Operation I.C.E. Cold | Massena |

Explosive Detection Canine

To enhance local law enforcement's ability to police the critical Northern Border area, OHS funded the purchase of a vehicle and appropriate equipment to outfit an Explosive Detection Canine Team for Jefferson County. Grant funding was provided through the Law Enforcement Terrorism Prevention Program (LETPP) Grant Program. The Jefferson County Explosives Detection Canine Team successfully graduated from a rigorous twenty-week Basic Canine Handlers School at the New York State Police Canine Training Facility.



Project North Star

Project North Star provides Canadian and United States law enforcement personnel with a mechanism to enhance communication, cooperation, and partnership. A Project North Star Eastern Regional Meeting was held in November of 2008. The meeting was co-hosted by the New York State Police and was attended by approximately 140 persons. The Royal Canadian Mounted Police, Ontario Provincial Police, US Attorney's Office and United States Border Patrol were selected to be regional leaders for 2009.

License Plate Readers

OHS purchased three covert License Plate Readers (LPRs) for New York State Police to be placed in Troops A, B, and D along the Northern Border. The strategic placement of this equipment enhances northern border security efforts, vehicle monitoring and tracking, and information gathering and sharing. This technology enhances law enforcement's ability to detect criminal trends and provides valuable information for link analysis.

Cargo Security

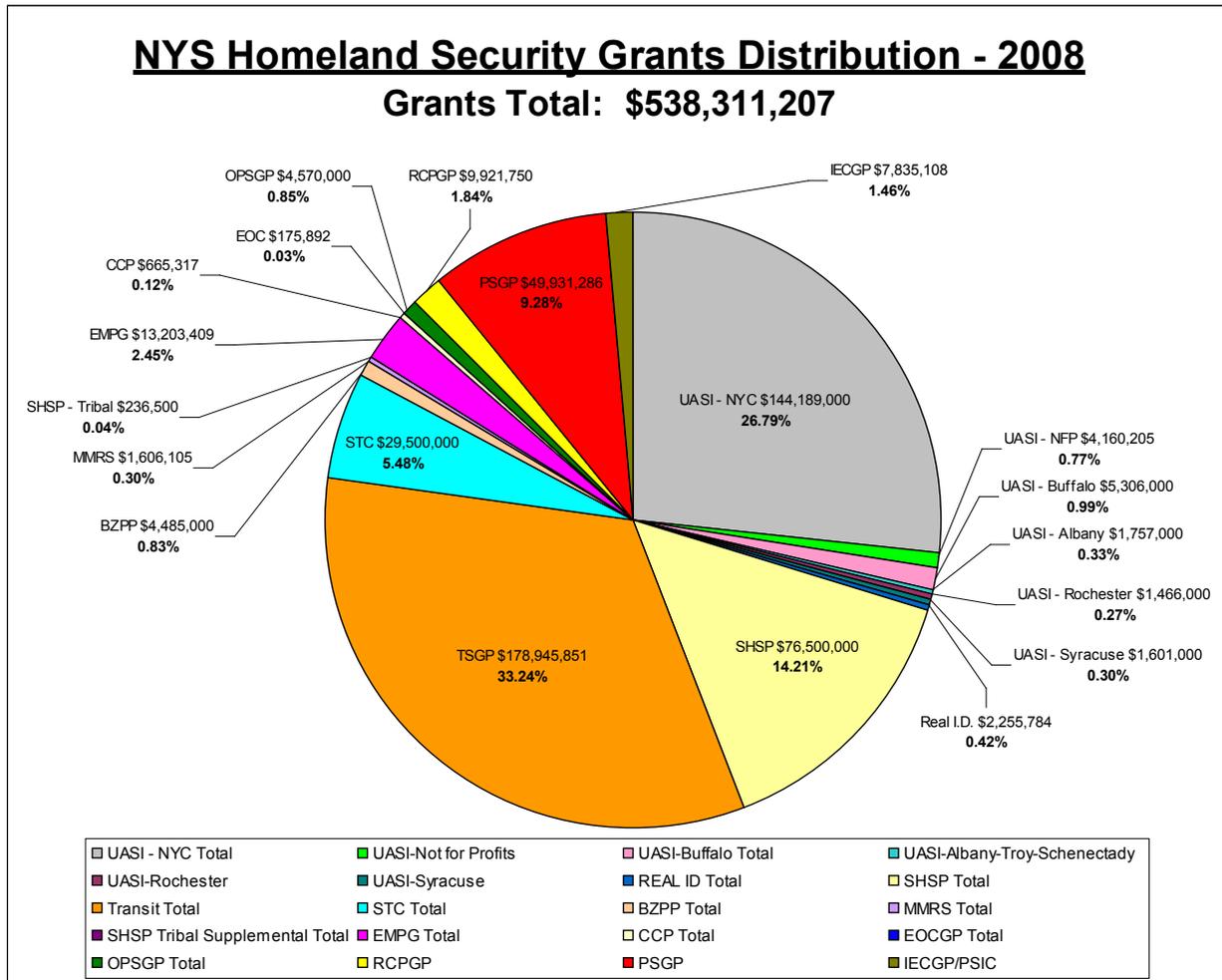
In 2008, OHS sustained coordination with Transport Canada, Transportation Development Center (TDC), which is the equivalent to the United State's Department of Transportation. Information was shared regarding technologies currently being tested by TDC which monitor cargo containers during shipment and while sitting dormant. OHS took part in a live demonstration of test equipment which had been installed in a cargo container, and was also able to monitor the movement of the container across New York State using the various technologies in place.



EFFECTIVELY MANAGE HOMELAND SECURITY GRANT PROGRAMS

OHS serves as **State Administrative Agency (SAA)** for Federal Homeland Security Grant Programs and funding throughout the State. OHS provides direct oversight on receipt and disbursement on federal grant programs in accordance with applicable State and Federal regulations and guidance.

In 2008, New York State received \$537 million in homeland security funding through 16 distinct grant programs. This is a 23.4% increase from 2007, when the State received \$435 million in federal homeland security funding.



NYS Homeland Security Grant programs:

- State Homeland Security Grant Program (SHSP)
- Law Enforcement Terrorism Prevention Program (LETPP)
- Public Safety Interoperable Communications (PSIC)
- Nonprofit Security Grant Program (NSGP)
- Metropolitan Medical Response System (MMRS)
- Interoperable Emergency Communications Grant Program (IECGP)
- Emergency Management Grant Program (EMPG)
- Port Security Grant Program (PSGP)

- Urban Area Security Initiative (UASI)
- Transit Security Grant Program (TSGP)
- Buffer Zone Protection Program (BZPP)
- Operation Stonegarden Grant Program (OPSG)
- Citizen Corps Program (CCP)
- Emergency Operations Grant Program (EOCGP)
- Regional Catastrophic Planning Grant Program (RCPGP)
- Commercial Equipment Direct Assistance Program (CEDAP)

State Homeland Security Program (SHSP)

In 2008, OHS received \$76,500,000 under the State Homeland Security Program (SHSP), which represents a 15% increase from the State's 2007 SHSP and Law Enforcement Terrorism Prevention Program (LETPP) awards. In 2008, the federal Department of Homeland Security (DHS) dropped the LETPP as a separate grant program; instead, 25% of SHSP and Urban Areas Security Initiative (UASI) funding must be used in support of law enforcement activities.

Urban Areas Security Initiative (UASI)

In 2008, the federal Department of Homeland Security (DHS) announced that in addition to the previously designated New York City and Buffalo Urban areas, three new Urban Areas in New York State would be eligible to apply for Urban Areas Security Initiative (UASI) funding: Albany-Schenectady-Troy, Syracuse, and Rochester. Along with the State's two pre-existing Urban Areas (NYC and Buffalo), New York currently has five federally designated Urban Areas eligible to receive UASI funding. In 2008, NYS received \$154,319,000 under the UASI grant.

Regional Catastrophic Preparedness Grant Program (RCPGP)

In 2008, the NYC and Northern New Jersey Urban Areas, respectively, continued to work together to build regional catastrophic planning capabilities in the region. In 2007, their efforts were funded through the UASI grant; however, in 2008, the federal Department of Homeland Security (DHS) introduced a new grant, the Regional Catastrophic Preparedness Grant Program (RCPGP), to fund catastrophic planning efforts. Under the 2008 RCPGP, the NYC/Northern New Jersey site (which includes portions of Connecticut and Pennsylvania) was awarded \$9,921,750 in funding.

Hazardous Materials Grant Program

A grant was established in cooperation between OHS and the Office of Fire Prevention and Control (OFPC) focusing on supporting regional hazardous materials teams. The hazardous materials grant program was announced at the October Hazardous Materials Leadership Conference, and included \$500,000 in funding.

Bomb Squad Preparedness

In 2008, OHS set aside \$1.4 million in funding for the Bomb Squad Initiative. This program provides direct funding to the 12 local FBI-certified bomb squads in the State to enhance their explosive device response operations capabilities. This funding was made available to the squads via a competitive application process. Between the years -2006-2008, OHS has provided approximately \$4 million in direct funding to increase the capability of the State's bomb squads.

Bomb Squad Symposium

In addition, OHS also co-hosted the third annual Symposium in February of 2008. This three day event brought together approximately 40 local, State, federal and international bomb disposal experts to discuss best practices and lessons learned; to receive training; and to reinforce relationships.



CITIZEN PREPAREDNESS

- Safeguard New York (NY)
- Aware Prepare
- NY-ALERT

Safeguard New York is an expansion of the Operation Safeguard program. Safeguard New York is designed to educate community members, businesses and organizations on how to recognize suspicious activity that may be connected to crime and/or terrorism, and encourage them to take action to protect themselves. This outreach promotes early recognition and reporting of potential terrorist activities to the New York State Terrorism Tops Hotline at 1-866-SAFE-NYS.

Safeguard outreach is conducted during presentations, trainings, exercises, special operations, meetings, conferences, and partnerships with other state agencies, businesses, and organizations across the state. A recent outreach activity includes the partnership with the New York State Thruway Authority in the distribution of informational brochures to the general public at every service area along the New York State Thruway.

Outreach materials are available for general audiences and include information specific to various target audiences such as Agriculture, Fire and Emergency Management Service (EMS), Maritime, and Mass Transit. The material is available in printable format on the publications section of the OHS website at www.security.state.ny.us.

Aware Prepare is a program which provides the public with simple steps they should take to prepare themselves and their families for disasters and other emergencies. A new website, www.nyprepare.gov, was unveiled during the month of September in promotion of National Preparedness Month and serves as a valuable resource containing information regarding family emergency planning. Nearly two dozen state and local agencies and organizations participated in the first ever New York State Preparedness Expo at the Empire State Plaza and shared preparedness related information with the state workforce and members of the general public. The 2008 Super Bowl Champion New York Giants partnered with New York State to create a Public Service Announcement (PSA) promoting September as preparedness month.

NY-ALERT

In 2008, OHS continued its partnership with the New York State Emergency Management Office (SEMO) State Emergency Management Office in outreach efforts promoting NY-ALERT, the State all-hazards alert and notification system. With a subscriber base of more than 1.3 million accounts subscribers can receive emergency information and select the types of alerts, such as weather events, health alerts and major road closures they want to receive. Alert messages are disseminated through a variety of means, including email; telephone call at home, at work or through a cellular device; text message; fax; pager; and on the web at www.nyalert.gov.

CYBER SECURITY AND CRITICAL INFRASTRUCTURE COORDINATION PREPAREDNESS:

The Office of Cyber Security and Critical Infrastructure Coordination (CSCIC) is responsible for leading New York State's efforts regarding cyber readiness and resilience; coordinating the process by which State critical infrastructure data is collected and maintained; and leading and coordinating geographic information technologies.

Cyber Security

CSCIC's operates a 24 hour/ 7 days a week Cyber Security and Analysis Center (Cyber Center) focused on cyber infrastructure protection, prevention, response, and recovery. The Center provides cyber security monitoring and managed services, including incident response, to New York State agencies to help strengthen our cyber security posture.

CSCIC is currently monitoring 30 New York State agencies through its Cyber Center, including not only Executive Branch agencies, but authorities and non-Executive Branch agencies as well. CSCIC also monitors the City University of New York.

The Cyber Center reviewed more than 20 billion firewall and intrusion detection/prevention system logs from its New York State customers in 2008, an increase of nearly 50% from 2007. In addition to the monitoring, management and incident response services, CSCIC also conducts vulnerability assessments for agencies. CSCIC conducted monthly scans for 55 agencies; these scans of agency network perimeters help identify potential vulnerabilities in their cyber infrastructure.

CSCIC issued an Information Classification Standard to all state agencies in 2008 to define a classification scheme for information and procedures for classifying information. It supplies baseline controls to protect confidentiality, integrity and availability of information. CSCIC is providing training to assist agencies in the implementation of the Standard.

In support of assisting agencies comply with the statewide encryption policy issued by CSCIC in 2007, the agency worked closely with the federal government to structure a Federal procurement for encryption products permitting State and local governments to access the contracts under the federal General Services Administration (GSA) Cooperative Purchasing Program. CSCIC continues to coordinate this joint effort and have achieved cost savings/avoidance of more than \$3 million in New York State, and approximately \$40 million nationally.

The program has been so successful that in October, CSCIC received the Excellence in Partnership (EIP) Award from the Coalition for Government Procurement and GSA in recognition of making significant strides in the best use of cooperative purchasing.



Significant Accomplishments for 2008:

NYS Information Security Breach and Notification Act

This Law requires that state entities, persons or businesses which do business in New York disclose to a New York resident when their private information was, or is reasonably believed to have been, acquired by a person without valid authorization. Notification must also include CSCIC. In 2008, approximately 500 reports, affecting more than 1.8 million New York State residents, were filed with CSCIC.

Cyber Security Training, Education and Awareness

CSCIC co-hosted the 11th Annual NYS Cyber Security Conference in June. More than 1,000 participants, including public and private sector information security officers, executives, information technology leaders, chief information officers, auditors, attorneys and law enforcement personnel from across New York State and around the country took part in the two-day event. Experts from government, academia and industry presented cutting edge information on a broad range of cyber security topics, organized across 13 different tracks and 49 sessions.

Online Cyber Security Workforce Training

CSCIC completed development of a workforce security awareness training program focused on educating all workforce users on protecting information, systems and applications against unauthorized access, modification or destruction. The training addresses all information, regardless of the form or format, which is created or used in support of business activities. This educational tool provides end users in all of our agencies with essential training, which serves to bolster our front lines of defense and further strengthen the security of the information assets entrusted to the State.

Payment Card Industry (PCI) Data Security Standard Awareness Training

The PCI standard is an industry-wide standard created to help organizations that process card payments prevent credit card fraud, hacking and various other security vulnerabilities and threats. CSCIC provided training on PCI to agency information security officers and the NYS Internal Controls Association.

Development of New Local Government Cyber Security Guides

In its continuing effort to provide cyber security education and awareness to local governments, CSCIC, working through its Local Government Cyber Security Committee, published the Cyber Incident Response Guide and the Guidelines for Backing up Information Guide in 2008. These guides are made available on the public website at <http://www.cscic.state.ny.us>

Development and Distribution of Monthly E-Newsletters

CSCIC distributes monthly electronic newsletters to provide practical advice on addressing a variety of cyber security issues. These newsletters are distributed to State agencies, local governments, academia, the private sector, and citizens. The newsletters are also posted on the CSCIC public website.

Public/Private Sector Cyber Security Workgroup

Recognizing that the majority of critical infrastructure is either owned or controlled by the private sector, CSCIC has worked closely with the major private sector entities to increase awareness and preparedness to defend against cyber attacks. The Public/Private Sector Cyber Security Workgroup comprises private sector high-level executives and public sector commissioners representing the major critical infrastructure sectors. Each of the sectors meets monthly via conference call. This year, CSCIC also implemented bi-monthly cross-sector webcast meetings to further enhance communication and situational awareness between and among sectors.

Multi-State Information Sharing and Analysis Center (MS-ISAC)

The MS-ISAC provides a central resource for gathering information from the states regarding cyber threats to critical infrastructure and providing two-way sharing of information between and among the states and with local government. All 50 states, the District of Columbia and many local governments now participate in the MS-ISAC. In 2008, the MS-ISAC also expanded to include participation from four U.S Territories.

Cyber Security Operations Center

The Cyber Center conducts ongoing analysis of cyber vulnerabilities, threats, exploits and attacks. The States of Alaska, Georgia and Montana contract with New York State for these cyber security monitoring and managed services, which include incident response. This arrangement is a unique and historic approach to information sharing and cyber security intelligence gathering. This collaboration and knowledge transfer serves as a tremendous benefit to increasing our situational awareness. The MS-ISAC reviewed nearly 70 billion logs in 2008.

MS-ISAC Cyber Exercises

The MS-ISAC participated in Cyber Storm II, a comprehensive cyber security exercise conducted in March 2008 by the U.S. Department of Homeland Security's National Cyber Security Division. Cyber Storm II was designed to test national preparedness and response capabilities to a simulated cyber attack across a number of critical infrastructure sectors. Nine states participated as players in the exercise. In addition, several states were hosted by the MS-ISAC at its Operational Center as exercise observers. Cyber Storm II also involved five countries, 18 federal cabinet-level agencies and more than 40 private sector companies.

National Webcast Initiative

The MS-ISAC, in cooperation with the Department of Homeland Security, through its National Cyber Security Division, conducts a series of free, public national webcasts which provide timely and practical advice on cyber security issues. In addition to the live broadcast, all sessions are recorded and archived for viewing via the MS-ISAC public website.

In 2008 the webcasts featured topics including application security, securing VoIP, phishing, securing a multi-tiered environment and security "101" basics for end-users. On average, registration for each webcast is approximately 700 registrants.



Geographic Information Systems/Critical Infrastructure

In 2008, CSCIC achieved a number of successes in support of the GIS program, including the development of a new statewide strategic plan for GIS; coordination of the GIS Data Sharing Cooperative, which has grown to more than 800 members representing federal, state, and local governments, along with sovereign nations and not-for-profits; administration of the highly successful GIS Help Desk; and implementation of 2008 aerial orthoimagery program. This aerial imagery forms the geographic base layer upon which other GIS data layers are referenced, allowing effective integration at all levels of government.

Critical Infrastructure Response Information System

CSCIC developed a secure, Internet-based, state-of-the-art spatial data warehouse and mapping application, known as CIRIS – Critical Infrastructure Response Information System. CIRIS provides access to an extensive repository of the best available critical infrastructure and geographic information systems data. This information assists law enforcement, emergency preparedness and homeland security personnel in their daily activities. In 2008, more than 247 authorized users were granted access to CIRIS and hands-on trainings have been conducted. Through a partnership with the Department of Criminal Justice Services, CIRIS is now available to users of the Integrated Justice Portal.

Additionally, in 2008, CSCIC developed an interface which allows users of the Office of Homeland Security's CI-SAR application (Critical Infrastructure/Suspicious Activity Reporting) to directly access the critical infrastructure data within CIRIS, thus eliminating the need to duplicate that data and ensuring that accurate and current information is available for CI-SAR activities.

Streets & Addresses Database

CSCIC maintains the State's Streets & Addresses Database which encompasses 140,000 miles of roadway and more than 3 million address points. Street and address data is critical to counties for E-911 and to CSCIC for CIRIS and other applications. A consistent, coordinated approach to maintaining street and address information is critical. CSCIC continues to work with public and private sector entities to maintain this crucial information and processed roughly 75,000 data edits to the street network in 2008.

Emergency Response GIS

CSCIC provides GIS support to the State Emergency Management Office (SEMO) during emergency activations and practice exercises. This support is provided in-house at the SEMO Emergency Operations Center and in field deployments as part of the multi-agency Incident Management Team (IMT) which deploys to events within and outside of the State.

In 2008, CSCIC's emergency response GIS team was activated for three natural disasters and three training exercises. CSCIC participated in the Hurricane Gustav recovery efforts in Terrebonne Parish, Louisiana as part of the NYS IMT. CSCIC Provides GIS Support to Hurricane Gustav Response