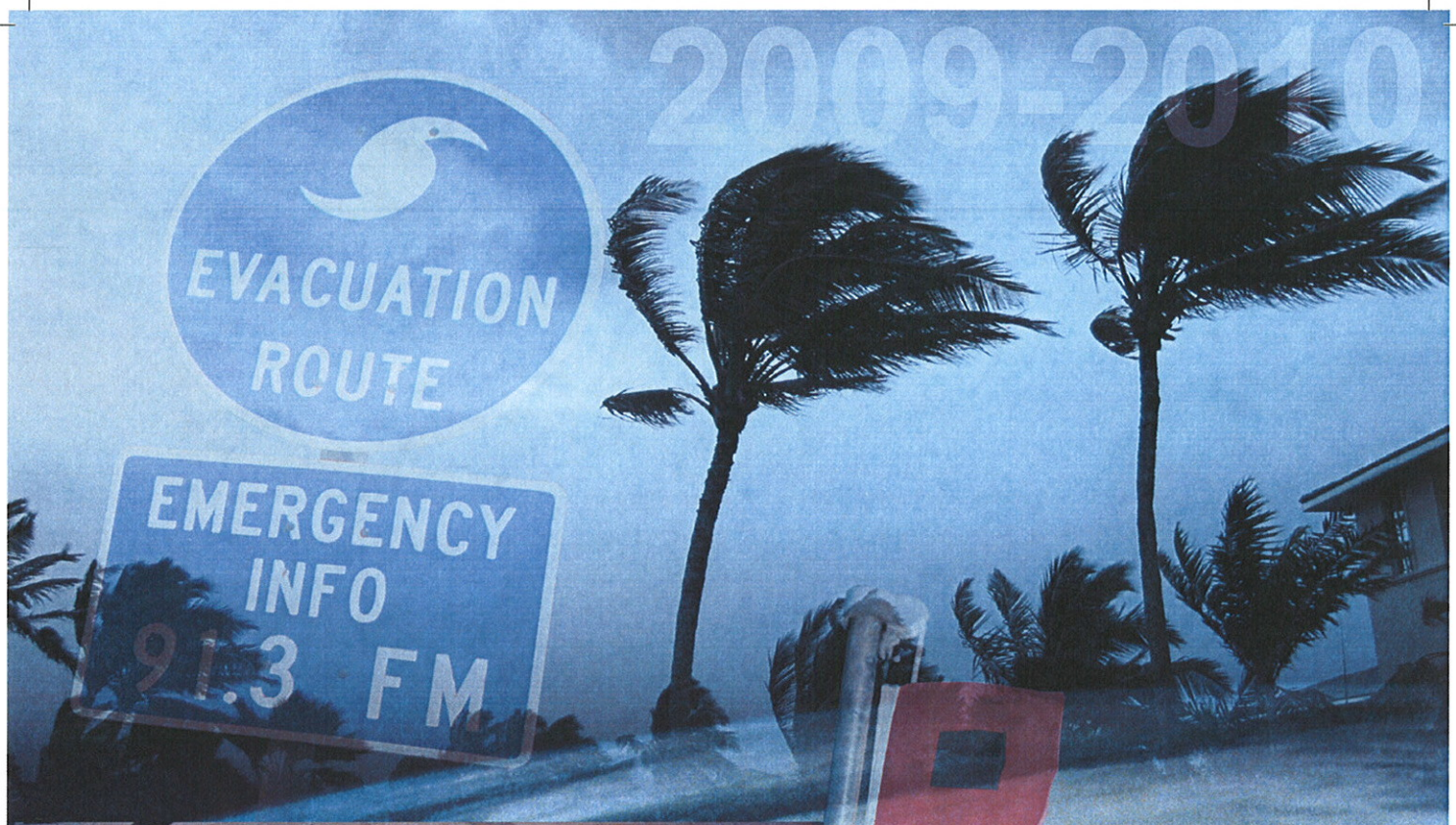
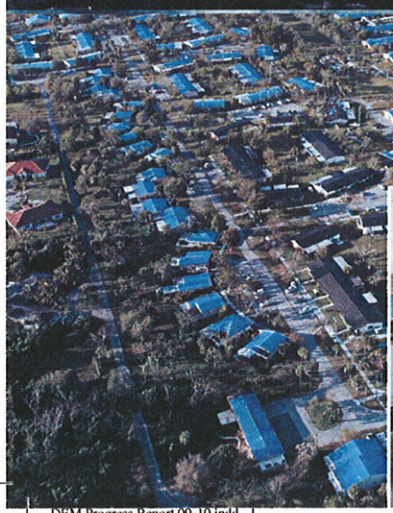
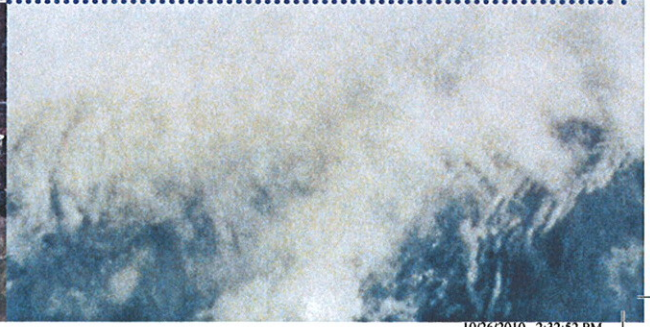




MIAMI-DADE COUNTY

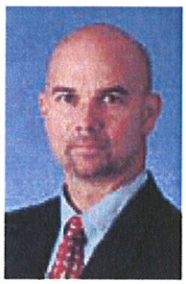
Department of Emergency Management

2009-2010 PROGRESS REPORT



THE MIAMI-DADE COUNTY DEPARTMENT OF EMERGENCY MANAGEMENT (DEM)

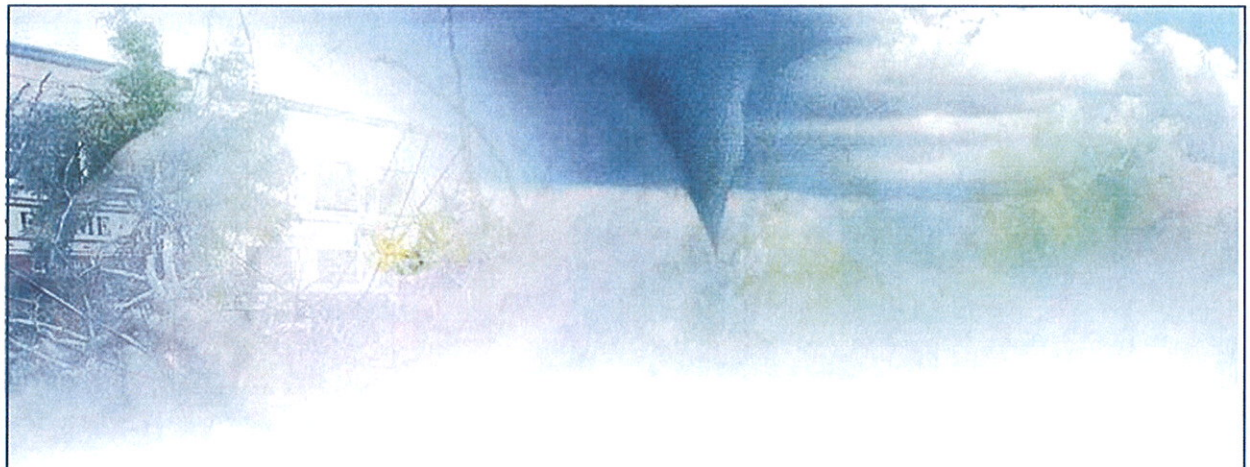
Message from the Director, Curtis Sommerhoff



In 2009 the Miami-Dade Department of Emergency Management (M-D DEM), well known for its role in coordinating activities in response to tropical storms and hurricanes, identified the importance of creating enhanced awareness of our capability to manage all hazards. As fate would have it, the hurricane season of 2009 required no activations of the Miami-Dade Emergency Operations Center. However, M-D DEM went on to lead or play a significant role in preparing for the potential impact of the novel H1N1 virus; managing donations and volunteers for Haiti earthquake relief; coordinating multi-agency support for the arrival and assistance of 10,000 repatriated Haitian-American citizens; supporting public safety agencies for Super Bowl XLIV; and conducting planning activities for the potential impact of oil from the Deepwater Horizon Gulf disaster.

This report details each of these events, and the progress of on-going initiatives we have undertaken "to support our community's disaster preparedness, response, recovery, and mitigation needs through the coordination of information and resources." Such as, completing the Florida Governor's Sterling Challenge assessment and identifying cross-cutting measures with our public safety counterparts to enhance efficiencies; conducting planning, training, exercises and public outreach to assure success in the County's disaster readiness; improving County department continuity of operations planning and disaster assistance employee compliance; engaging business and industry; funding mitigation projects; and improving the services provided to Miami-Dade' special needs and disability community.

This and more was accomplished with the commitment and support of our stakeholder agencies that time and again help make us successful.

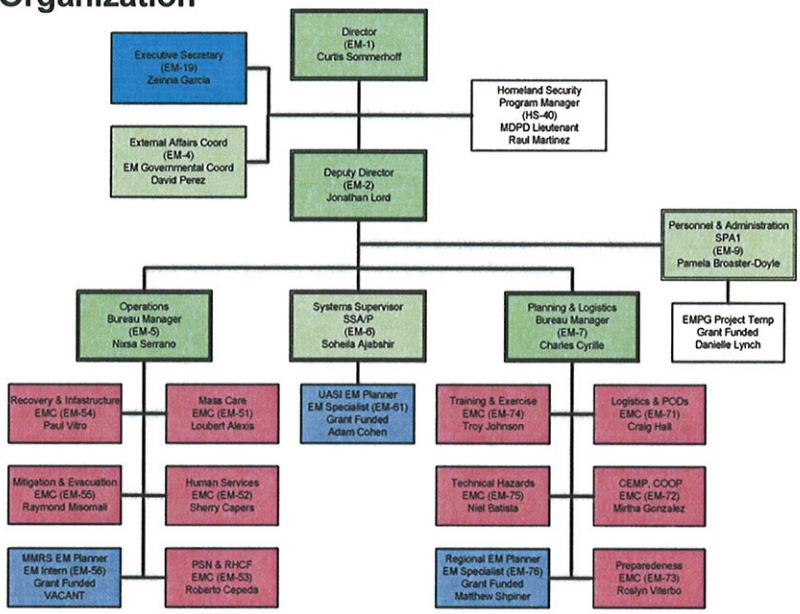


Mission Statement

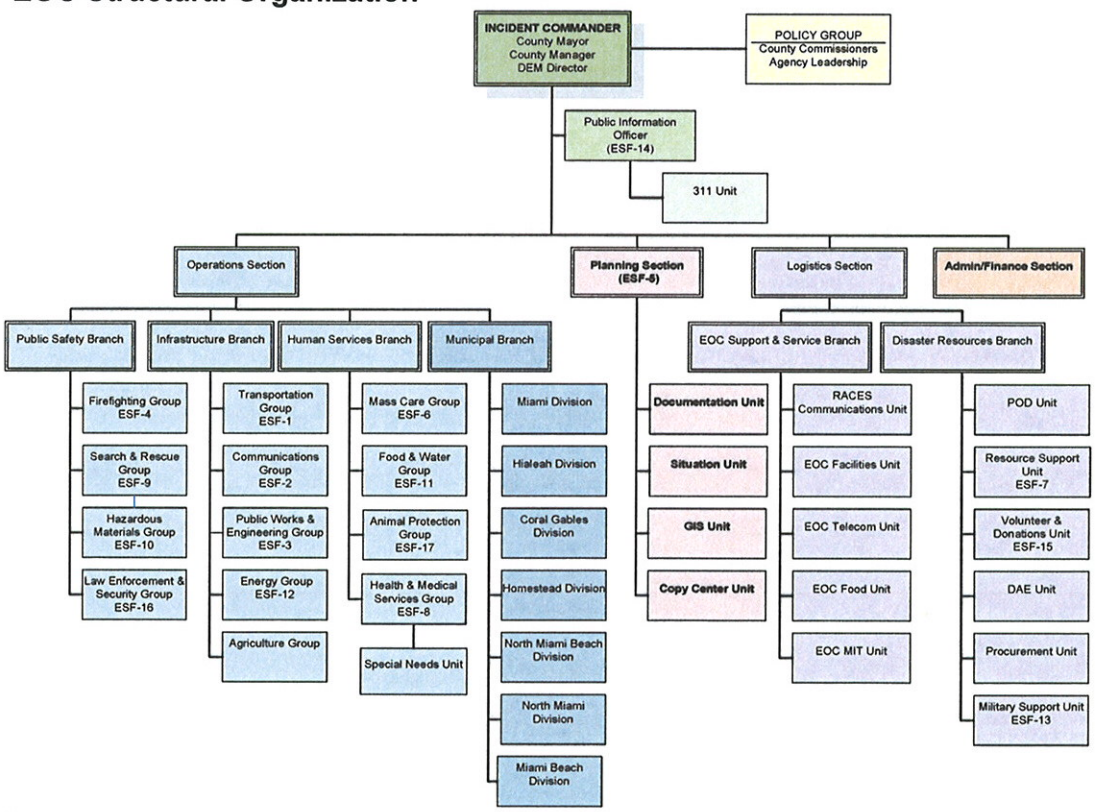
"To support our community's disaster preparedness, response, recovery, and mitigation needs through the coordination of information and resources."

Vision Statement: *'A Disaster Ready Community'*

DEM Structural Organization



EOC Structural Organization



SPECIAL EVENT ACTIVATIONS AND ACTIVITIES

Haitian Relief 2010: In response to the January 12th, 2010, earthquake that struck near the capital city of Haiti the DEM coordinated the County's relief efforts including the collection and transportation for 570,000+ lbs of goods. The DEM further assisted with the repatriation of 9,500+ U.S. citizens.

Commodity	Number of Pallets	Commodity	Number of Pallets
Water	299	Toiletries	15
Shelf Stable Food	132	Medical Supplies	43
Baby Items	31	Other*	50
Totals may remain static on weekends or days with higher volumes			

Pro Bowl/Super Bowl XLIV: The Emergency Operations Center activated on both Bowl Game days and monitored the events taking place throughout the interim week. A DEM staff member was housed at the Public Safety Village adjacent to the stadium to assure needs were readily identified and met.

Deepwater Horizon: The Planning and Logistics Sections of Emergency Operations Center were activated and quickly identified resources, subject matter experts and lead agencies. A Deepwater Horizon Coordination Team was formed to develop a local contingency response plan for perceived gaps in the Federal and State plans. The team developed Weekly Situation Reports and Incident Fact Sheets.

DEM/EOC PREPAREDNESS ACTIVITY

The EOC: Major renovations enhanced the effectiveness and efficiency of the EOC during this year, including a multi-monitor video wall, Smart Board interactive displays, triple display monitors for various positions and new larger LCD screens.

FLIPPER: The Florida Interoperable Picture Processing for Emergency Response, or FLIPPER, is a web based platform that integrates with multiple information systems, links and data feeds. It provides emergency managers and first responders a single information resource.

Ready South Florida: is a regional preparedness campaign being pushed out by Broward, Miami-Dade, Monroe and Palm Beach Counties. The campaign includes a website and social media page, brochures and public service announcements

UNITE

The Unification Tool for Emergencies, or UNITE, was developed by the DEM to allow those impacted by disaster to register and leave messages regarding their status for family and friends. Friends and family can then search the site, locate the individual and read their posted messages.

The DEM completed the Florida Governor's Sterling Challenge this past year. Based on the Malcolm Baldrige Criteria for Performance Excellance the Challenge is a business tool that functions as a guide to making improvements that generate better operations, customer value and over results. The DEM was awarded the Challenge plaque in June 2010.

A new mobile application has been developed for the DEM's Snapshot Program, which has long assisted with neighborhood damage assessment following inclement weather events. This program allows the DEM to capture information regarding the more devastated areas thereby facillitating the allocation and deployment of appropriate resources.

OF SPECIAL NOTE

Given the DEM's proactive approach to developing private partnerships and assuring that Miami-Dade County's business community is better prepared to deal with disaster, FEMA selected the DEM's Business Recovery Program as one of the models to highlight in its new Public Private Partnership campaign.

Jonathan Lord, Deputy Director, was asked by FEMA to sit on the National Incident Management System (NIMS) Emergency Management Working Group. This group was established for the purposes of providing expert and constructive input to FEMA in relation to the successful improvement and implementation of NIMS.

Miami-Dade County was selected by the Emergency Management Accreditation Program to participate in a pilot program funded by the Homeland Security Grant Program that will use the DEM as a model for its Guidance Document for Assessment Methodology. This provides the DEM the opportunity to secure accreditation without incurring cost.

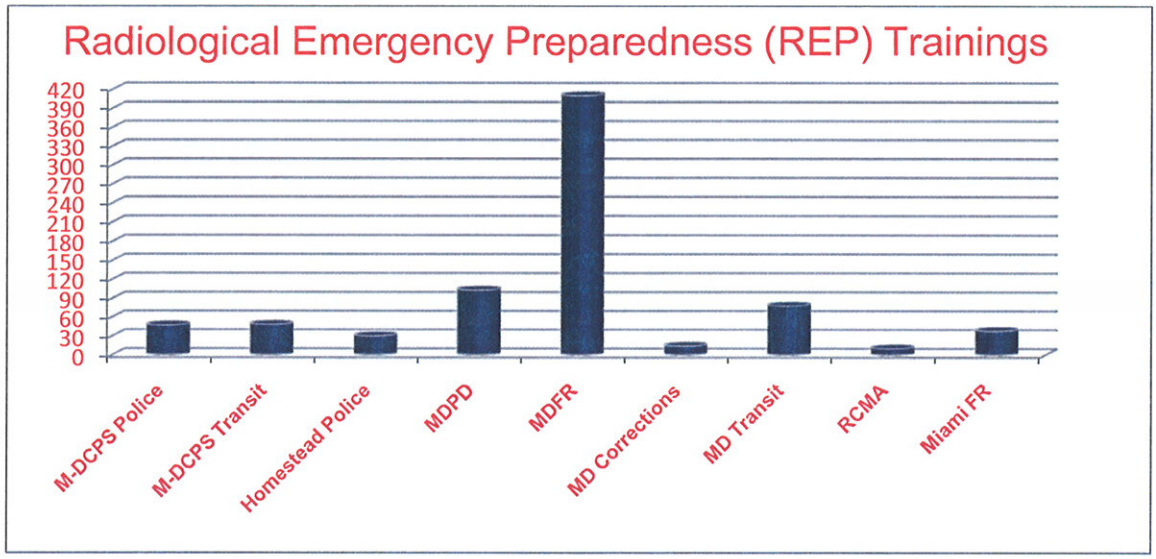
The Florida Emergency Preparedness Association membership selected Mr. David Perez, External and Governmental Affairs Coordinator, as the 'Emergency Management Professional of the Year.'

Ms. Soheila Ajabshir, Senior Systems Analyst/Programmer, was named the Emergency Management 'Innovator of the Year' by the Florida Division of Emergency Management.

TRAINING AND EXERCISE

The Department's training program is multi-faceted. It provides specialized coursework for first responders; technical application's instruction for its EOC partners, continuity of operations classes for County agencies, and a myriad of trainings for the Disaster Assistance Program. In addition the DEM provides training opportunities for staff that ensure professional growth within the emergency management framework as well as serving as host to a variety of State and FEMA sponsored classes.

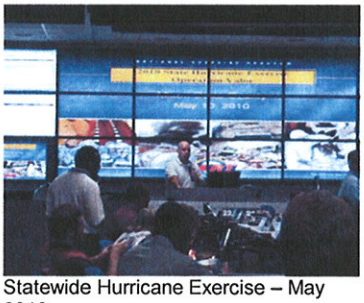
The DEM's exercise program mirrors its training agenda in as it covers a wide variety of disciplines and incorporates all exercise types from table-tops to full-scale. These exercises promote the advancement of skills and response activities; which in turn assures the County is best served in times of disaster.



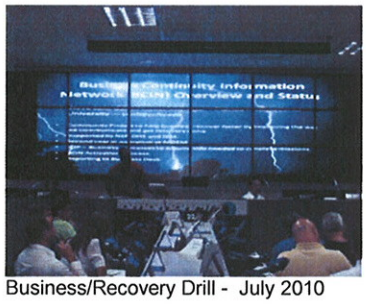
DAE TRAININGS	# of Trainings	# of Attendees
Shelter Management	8	97
Disaster Assistance Centers	3	90
Mobile Assistance Centers	1	14
Call Center	4	80
Shutter	4	45
Points of Distribution (PODs)	2	20
Disability Aide	1	4
Traffic Control	1	26
Totals	23	376

EXERCISES

This fiscal year the DEM staff hosted or participated in 19 exercises.


Statewide Hurricane Exercise – May 2010

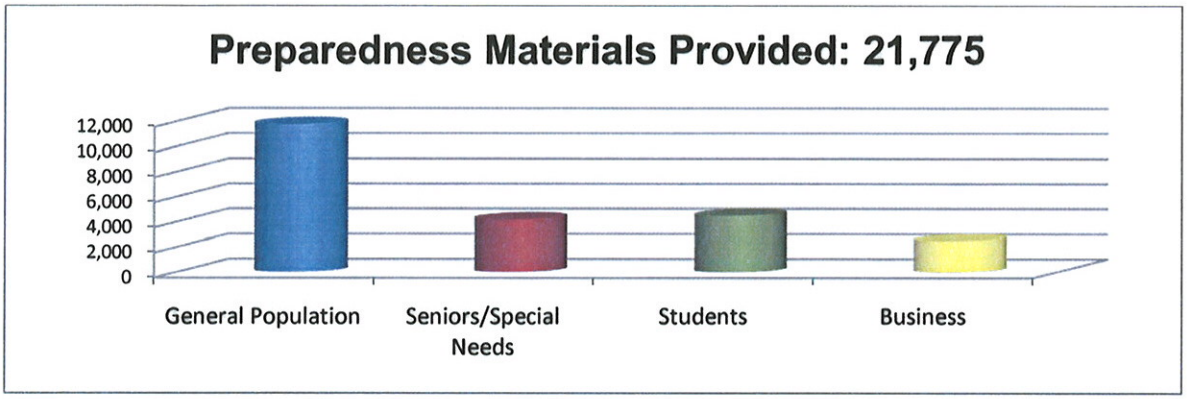
Special Needs Evacuation Center Drill - June 2010

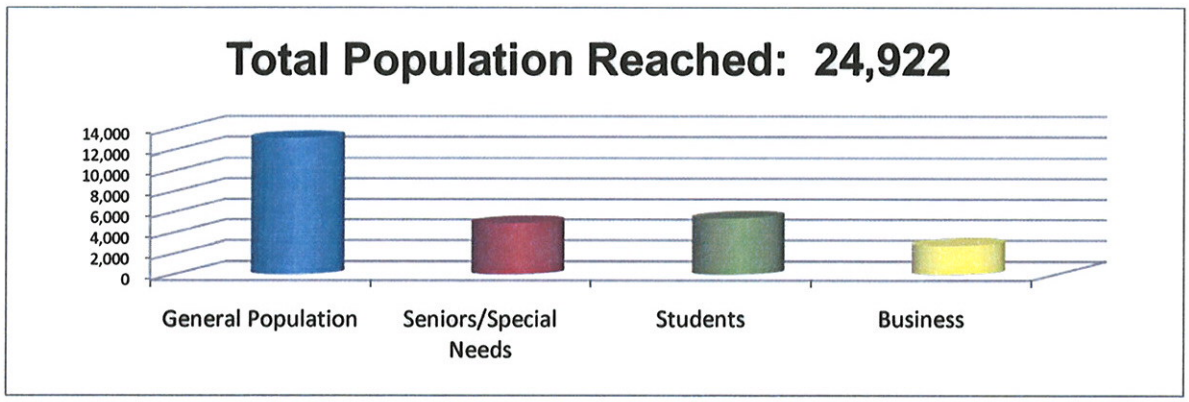

Business/Recovery Drill - July 2010

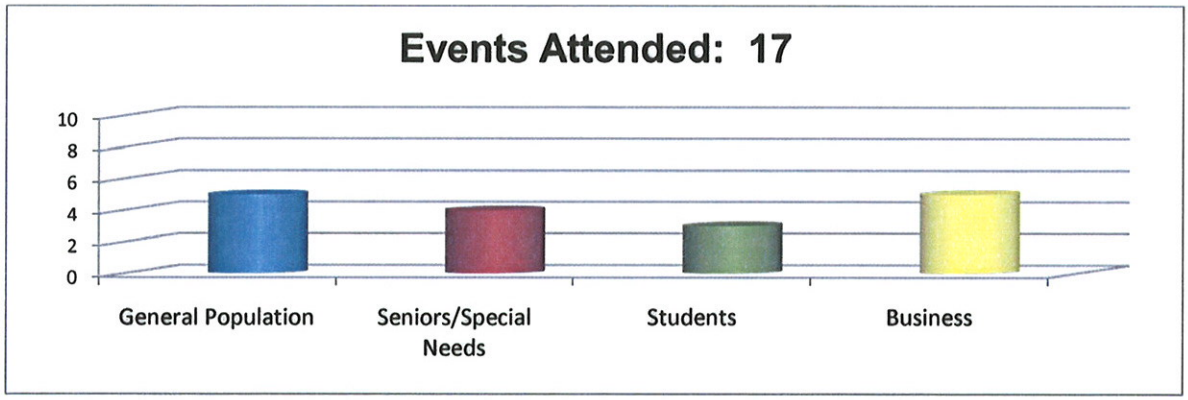
Exercises by Quarter	
1st Quarter	• MS-1 Full-Scale Exercise • REP Trailer Mobilization Drill • FBI Super Bowl Table Top • Homestead Speedway NASCAR Table Top • Baptist Health System Medical Surge, Communicable Disease Table Top
2nd Quarter	• MDHD Bioshield Table Top • Hospital Mass Casualty Incident Table Top • Turkey Point EOC Functional Exercise
3rd Quarter	• National Disaster Medical System Full-Scale Exercise • State EOC Annual Hurricane Functional Exercise • DHS Tactical Interoperability Communications Plan Full-Scale Exercise • LEPC Hazmat Table Top Exercise • Special Needs Evacuation Center Mobilization Drill
4th Quarter	• Miami Beach WebEOC Functional Exercise • Business Continuity Information Network Functional Exercise • USCG Maritime Communicable Disease Response Table Top • South Florida Federal Executive Board COOP Table Top • Broward County Disaster Housing Table Top • Animal Services Department COOP Table Top

COMMUNITY PREPAREDNESS

The DEM identifies and participates in large community events, including TV and radio interviews, intended for the general public as all targeted audience types. Materials are provided for those events in which the DEM is unable to participate.

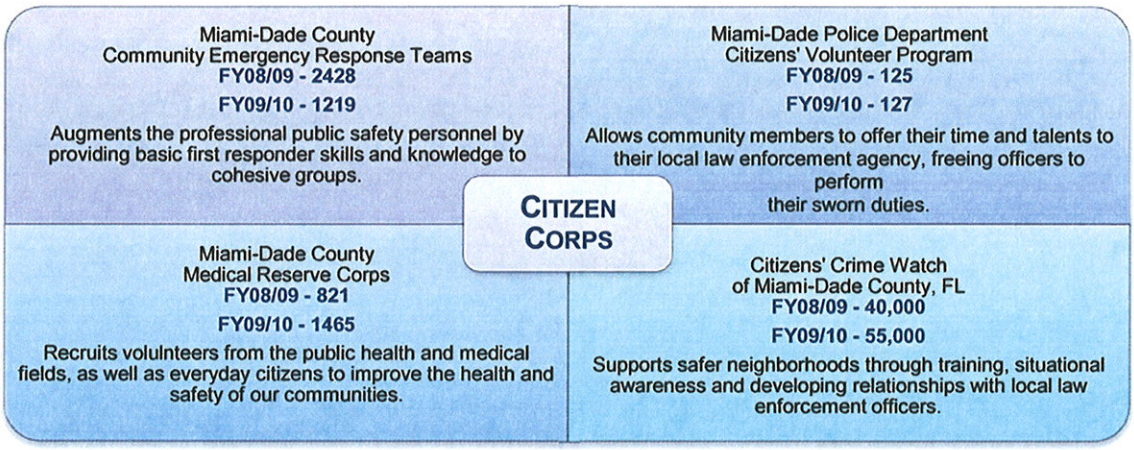






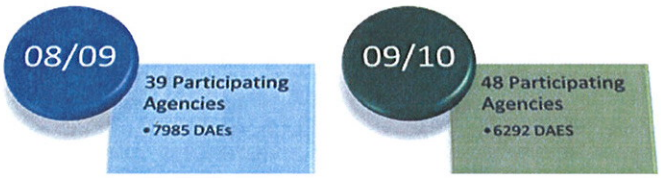
CITIZEN CORPS

The Miami-Dade Citizen Corps was developed as a volunteer initiative encouraging community involvement and providing a myriad of volunteer initiatives to engage citizens. The Citizen Corps Council meets quarterly, under the guidance of the DEM, and supports volunteer recruitment and retention initiatives for its partner programs.



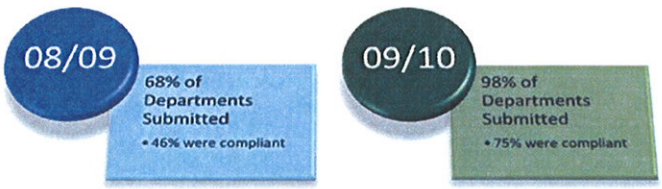
DISASTER ASSISTANCE EMPLOYEES (DAE)

DAEs augment the County's preparedness, response and recovery efforts. Each department is required to identity non-essential departmental employees to serve as DAEs under the guidance of the DEM/EOC.



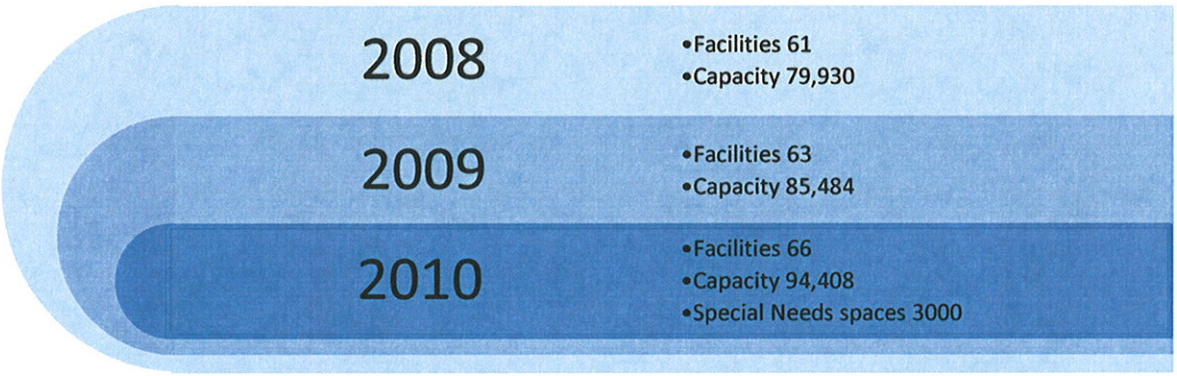
COOP COMPLIANCE

Pursuant to Chapter 8B, the Miami-Dade Code of Ordinances, identified Departments must prepare or revise emergency preparedness contingency plans in accordance with the directions and guidelines provided by the DEM.



HURRICANE EVACUATION CENTERS

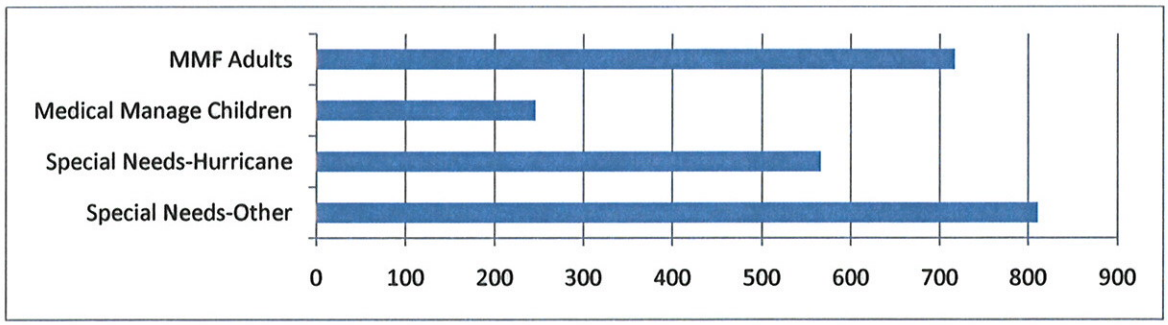
The DEM added 3 additional facilities to its pool of Hurricane Evacuation Centers bringing the number of facilities to sixty-six (66). The chart below reflects the non-catastrophic capacity of our hurricane evacuation centers.



SPECIAL NEEDS CLIENTELE

The DEM manages several programs designed to assure the safety and welfare of the County's special needs population (PSN) in times of disaster; which includes the Special Needs Registry. The DEM, bi-annually, calls each registrant to assure that our registry is up to date and that clients are appropriately accommodated.

The DEM's PSN/Residential Health Care Facilities (RHCF) Coordinator hosted or participated in 14 trainings and/or exercises focused on the care of the County's special needs residents.



ASSISTED LIVING FACILITIES (ALF)

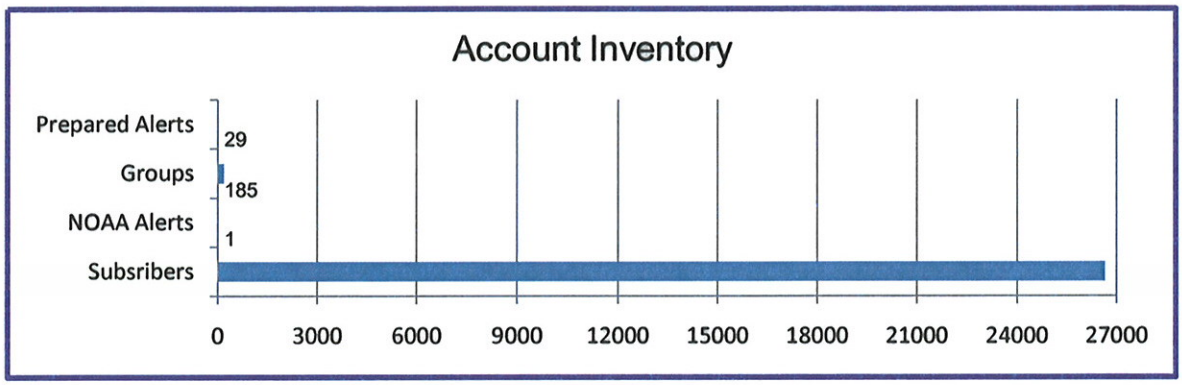
In addition to managing the Special Needs Registry, the DEM annually reviews the Emergency Plans of the County's Assisted Living Facilities.

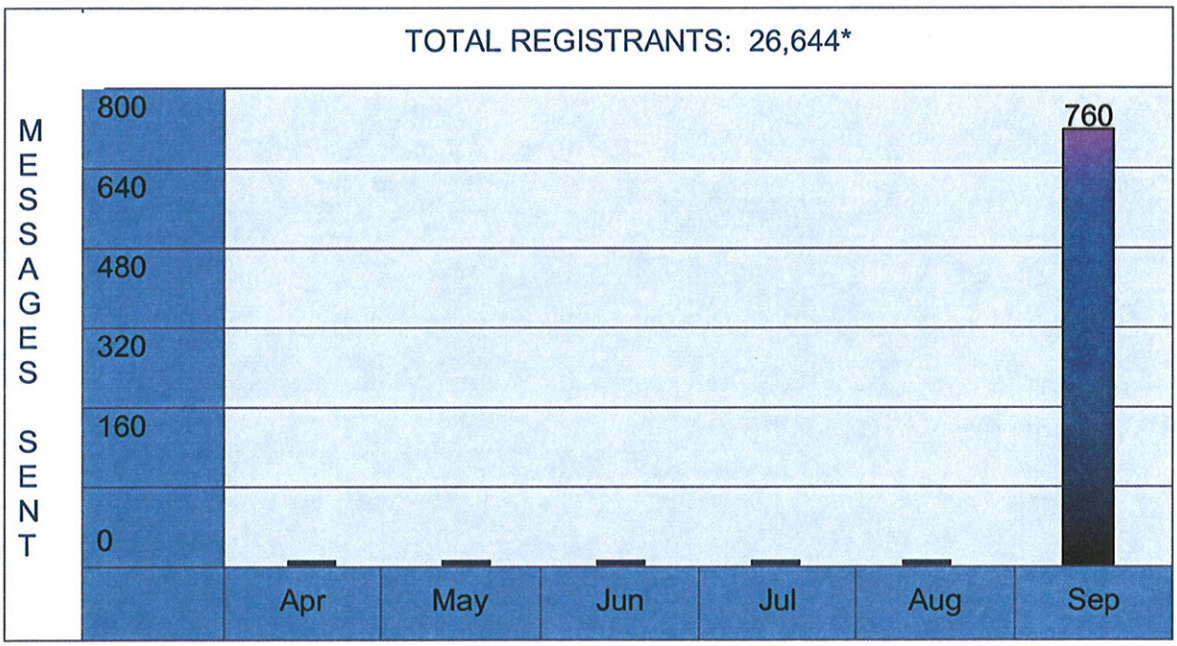
- **New Plans Review: 91**
- **New Plans Review: 963**

Miami-Dade Alerts

Public Safety Updates on the Go

This is a countywide program managed by the Department of Emergency Management that alerts registrants regarding significant emergency events by way of text messages to cell phones or other mobile devices.





* It is important to note that Miami-Dade County allows the colleges and universities to use this program and the institutions maintain its own registrant data base and those number are not reflected above.

LOCAL MITIGATION STRATEGY

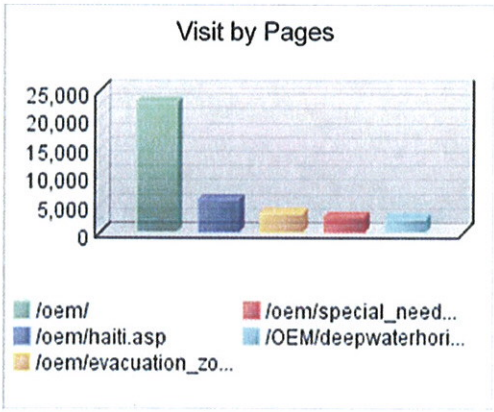
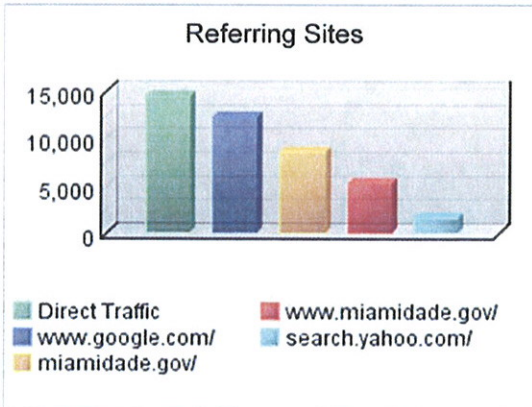
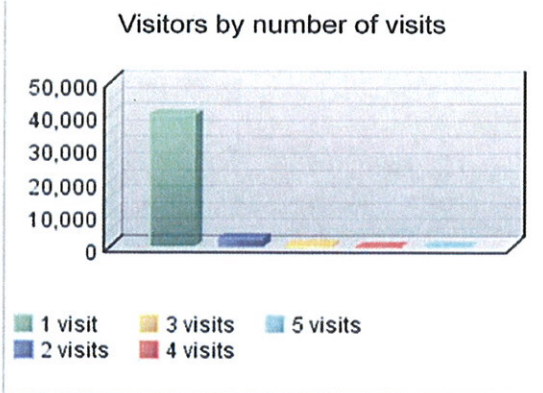
The LMS secures financing through Federal, State, and Local funding sources to develop and implement projects that serve to reduce the impact any one disaster has on the County.

Projects	Funded Dollars *
Completed Projects	
University of Miami Hecht Varsity Athletics Building	123,000
University of Miami Dooly Memorial Classroom Building	551,000
Miami Children's Hospital - Central Energy Plant	483,300
Mt. Sinai Medical Center Greenspan Building - Wind retrofit	369,800
Mt. Sinai Medical Center Gumerick Ambulatory Wing – wind retrofit	420,900
Under Construction	
Mt. Sinai Medical Center Blum Building - Windows & Roof retrofit	1,575,600
Mt. Sinai Medical Center Orovitz ER - Windows & Roof retrofit	2,051,900
Vizcaya Museum & Gardens - Harden courtyard canopy	1,846,400
University of Miami Knight Physics Building	540,400
University of Miami Whitten University Center	612,300
University of Miami – Bascom Palmer Eye Institute wind retrofit	3,399,500
MDFire Rescue – Replace overhead doors on 38 stations	584,000
Miami-Dade Public Works Traffic signal upgrade – wires to masts	2,082,800
Funded – Not yet started	
Miami Children's Hospital - Wind retrofit of 4th floor mechanical rm	804,000
Mount Sinai Medical Center Ascher Building – wind retrofit	895,000
Miami Dade College Kendall Campus building 9000 wind retrofit	206,500
Miami Dade College North Campus building 900 wind retrofit	48,400
MD Public Works Rickenbacker Maintenance Yard wind retrofit	26,900
Total Number of Projects	**18**
Total Funded Dollars	**$16,621,700**

*** The Project highlighted in blue is new. Other than the completed projects, all others and the dollar amounts attached are ongoing from FY 08/09.**

DEPARTMENT OF EMERGENCY MANAGEMENT WEBSITE

There is a wide selection of educational content and instructional material available on the DEM website. Information is tailored to specific targeted audience groups as well as the general public and is provided in English, Spanish and Creole. The information is kept current and relative, including event specific information, when appropriate.

The site maintains links to literature, special services and programs, such as:

- 2010 Hurricane Guide
- Emergency Evacuation Assistance Program
- Volunteer Initiatives
- Pet-Friendly Hurricane Evacuation Centers
- Miami-Dade Alerts
- Gas stations and retail markets with backup generator capability
- Snapshot (damage assessment)
- Continuity of Operations Template
- Business and Recovery