

# Hurricane Irene Response Medical Reserve Corps (MRC) Activities Final Report/20Sep2011

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## Summary<sup>1</sup>

On 08/22/2011 at approximately 0600 AM EST, Tropical Storm Irene became a Category I Hurricane. On 08/26/2011, Hurricane Irene made landfall, against the continental United States, in North Carolina at about 0730am EST. The storm continued to track up the east coast. The Hurricane remained at a Category 1 Hurricane until it was approximately to the Maryland/Delaware southern border. Irene, now a tropical storm, then continued to arc up the eastern seaboard, eventually left the continental United States on Aug 28<sup>th</sup> with approximately 52 mph winds.

Staff members from the Office of the Civilian Volunteer Medical Reserve Corps (OCVMRC), in the Rockville, MD program office as well as in the affected regional offices, were engaged throughout the response. OCVMRC program staff remained in close contact with the MRC Regional Coordinators, who tracked MRC unit activities by directly communicating with regional partners, state partners, and local unit leadership. Local MRC units were also encouraged to enter their activity reports into their online unit profile. To gather data for this report, OCVMRC compiled all MRC unit profile activities for the appropriate time period. Staff members then read through and captured the reports that mentioned hurricane related activities. Added to this compilation were relevant emails and reports that were forwarded by state and local coordinators. Reports were consolidated by OCVMRC staff from unit reports from Regions 1, 2, 3 and 4.

A total of 155 MRC units reported preparedness and response activities related to Hurricane Irene. Some units continue to support recovery activities in their communities. Many units reported that they performed sheltering functions - staffing and/or assisting in the set-up of 107 general community shelters and 15 functional or special needs shelters, and working at 65 shelters in support of the American Red Cross. Units also indicated that they provided the community with health education (6), emergency communications support (2), and surge staffing to local hospitals, emergency management agencies and public health departments (28). Fifty seven units reported the hours of service that volunteers provided (for a total of 11,000 hours). Additionally, many units reported that they used this opportunity to perform call-downs and notifications as part of their general preparedness planning. MRC units within the affected regions reported that they had an additional 1,096 volunteers (from 344 units) who were ready and willing to volunteer if needed.

It is the intent of this report to give an overview of the Medical Reserve Corps network's actions during this event.

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<sup>1</sup> Information for this summary narrative was extracted from data provided publically on the National Weather Service's Coastal Watches/Warnings and 5-Day Track Forecast Cone website: [http://www.nhc.noaa.gov/refresh/graphics\\_at4+shtml/031914.shtml?gm\\_track](http://www.nhc.noaa.gov/refresh/graphics_at4+shtml/031914.shtml?gm_track)

## Region 1

Region 1 Activities Reported						
	General Shelter	Functional/Special Needs Shelter	Support American Red Cross Shelter Operations	Provide Health Education	Communications	Surge Staffing
Region 1	58	5	28	3	1	9

### Connecticut

- **Bridgeport Medical Reserve Corps (Bridgeport)** Seven (7) volunteers assisted with two largely populated shelters of more than 700 citizens. They were challenged at times because of the emotional involvement but they persevered.
- **Capitol Region Medical Reserve Corps (Hartford)** On 8/28/2011, the CR-MRC was activated for medical support to a shelter operation in West Hartford CT. 40 volunteers indicated they were ready to respond as needed.
- **Fairfield Easton Medical Reserve Corps (Fairfield)** On 08/27-29/2011, the unit had 35 MRC members staffing 6 shelter shifts 24-hours. They provided services in the functional needs component of the shelter as well as general shelter first aid and coordinating feeding. They also assisted with a local distribution site to hand out State, American Red Cross, and privately donated ice, water, and food to residents in need.
- **Ledge Light Health District Medical Reserve Corps (Groton)** On 08/27-09/01/2011, the Ledge Light Health District Medical Reserve Corps assisted at 2 local American Red Cross shelters and then staffed a long term shelter. A total of 116 hours of services were provided.
- **Milford Health Department Medical Reserve Corps (Milford)** On 08/27/-09/4/11, the MRC was activated to man a hurricane shelter located at Jonathan Law High School. Twelve medical and non-medical volunteers dealt with a variety of tropical storm related emergencies including, but not limited to, medical issues as well as temporary sheltering/loss of electricity issues. Four days later, fourteen volunteers manned posts at all five fire houses, where they assisted with the distribution of water, MRE's and grocery store gift cards to displaced/needy citizens.
- **Middletown Medical Reserve Corps (Middletown)** The unit was activated 8/27/11 through 09/03/11. Thirty (30) volunteers were available for activation. Many members were affected by the Hurricane. The Middletown Medical Reserve Corps ran a general and special needs shelter, both were co-located. A total of 120 volunteer hours were given.
- **Pomperaug Health District Medical Reserve Corps (Southbury)** On 08/28/2011 the Pomperaug MRC was activated to support 2 local shelters.

- **Stratford-Trumbull-Monroe Medical Reserve Corps (Stratford)** On 08/27/2011 the MRC activated and provided staffing in a local shelter.
- **Torrington Area Health District MRC (Norfolk)** On 08/28/2011, the MRC unit provided onsite support services to a local shelter operation and provided first-aid assistance.
- **Uncas Health District MRC (Norwich)** A special needs shelter was opened by the City of Norwich, CT, Department of Emergency Management and Homeland Security. The Uncas Health District MRC was asked to provide medical assistance, including but not limited to assistance with oxygen, diabetes monitoring and other medical needs.

Twenty volunteers responded to an email call-out for volunteers to staff the shelter. The shelter opened at 3:00 pm August 27, 2011 and closed at 3:00 pm August 28, 2011 and accommodated 19 individuals including two children, one with autism. Volunteers arrived at the shelter at 2:00 pm, August 27, 2011. This included 6 MRC nurses, 3 non-medical MRC volunteers and 2 Uncas Health District Staff personnel. Six MRC nurses (including one clinical manager) and one Uncas Health District staff member remained in the shelter while it was opened, rotating shifts throughout the night. Other volunteers at the shelter, who remained through the night, included 8 Salvation Army volunteers and 2 personnel from the State Department of Mental Health and Addiction Services with expertise in behavioral health.

On Sunday, August, 28, 2011 hurricane force winds were too severe to ask additional volunteers who had responded to the call-out to report to the shelter. By 8:00 am an advisory to remain off the roads was issued making it impossible for any volunteers come to or leave the shelter. On September 1, 2011, one MRC nurse was asked to report to the Rose City Senior Center for three hours. The shelter was temporarily opened again at a reduced capacity for an individual with oxygen needs.

A total of 7 MRC nurses, 3 non-medical MRC members and one MRC staff member responded to the call-out for the shelter, representing a total of 161 volunteer hours plus 26 MRC staff hours. This was a total of 187 hours.

- **Westport Weston Wilton Medical Reserve Corps (Westport)** The Westport Weston Wilton Medical Reserve Corps provide a nurse in a local shelter and had 20 additional volunteers on standby.

### Massachusetts

- **Agawam Medical Reserve Corps (Agawam)** Included as part of the Western Massachusetts Medical Reserve Corps response activity.
- **Amherst Health Department MRC (Amherst)** Included as part of the Western Massachusetts Medical Reserve Corps response activity.

- **Berkshire Medical Reserve Corps (Great Barrington)** On 08/27/2011, the MRC unit placed shelter teams on standby and compiled a list of ready and available volunteers. They also checked the configuration and staged the Disaster Animal Response Team trailer, in case it was requested. The unit deployed to both municipal and American Red Cross shelters. Approximately 101 hours of community service was provided during this response.
- **Boston Medical Reserve Corps (Boston)** On 08/28/2011, the MRC unit placed shelter teams on standby and compiled a list of ready and available volunteers.
- **Bristol-Norfolk Medical Reserve Corps (North Attleboro)** The MRC unit provided volunteers to staff a “medical necessity” shelter alongside American Red Cross volunteers. Thirty-five (35) volunteers were placed on stand-by on August 26<sup>th</sup> after receiving a request from the State MRC Coordinator. Volunteers staffed a regional Red Cross Shelter in Attleboro MA, a General Shelter in Attleboro MA, and a General Shelter in Seekonk Ma. Emergency Operations Center in North Attleboro manning phone lines (8 volunteers over 5 hours). A total of 37 volunteers were deployed to 3 shelters and an Emergency Operations Center. Approximately 200 hours in total were contributed.
- **Brockton Area Medical Reserve Corps (Brockton)** On 08/27/2011, the Brockton Area Medical Reserve Corps worked with the local Emergency Management Agency regarding opening a shelter at a local school pre-staging materials at the location. The MRC then activated volunteers to assist in local shelter operations.
- **Brookline Department of Health (Brookline)** On 08/28/2011, the MRC unit rostered 40 volunteers that were ready to respond to staff a shelter if needed.
- **Cape Cod Medical Reserve Corps (Barnstable)** The MRC activated volunteers to assist in 9 distinct shelter operations. Cape Cod MRC volunteers staffed 9 shelters with 28 volunteers. All shelters were accepting all types of clients regardless of their special needs. We had medical staff, mental health, nonclinical and caretaker support at all shelters. 10 additional volunteers were standing by if needed for additional days. The unit members provided the community with approximately 875 hours of service.
- **Chicopee Medical Reserve Corps (Chicopee)** Included as part of the Western Massachusetts Medical Reserve Corps response activity.
- **City of Springfield, MA Health and Human Services MRC (Springfield)** Included as part of the Western Massachusetts Medical Reserve Corps response activity.
- **Duxbury Bay Area Regional Medical Reserve Corps (Duxbury)** On 08/28/2011 the MRC assisted the local emergency management agency open a shelter. A general shelter was opened on 8/28/11 to residents and remained open until 8/30/11. 15 volunteers were activated to manage the shelter that was open for 50 hours.

- **East Longmeadow Medical Reserve Corps (East Longmeadow)** The unit coordinator performed a call down to about 10 MRC members accessing their availability to staff shelters. 5 immediate positive responses were obtained.
- **Franklin Regional Council of Governments (Greenfield)** On 08/28/2011, the MRC unit staffed two regional shelters. Unit members also participated in Regional EOC and HAM activities. Twenty unit members and five members from other units who contributed 336 hours over 48 hours this includes members of our newest sub-unit the Disaster Animal Response Team (DART). The unit requested assistance from units outside the county as many of our members were impacted by the flooding or unable to deploy as roads were washed out. Team members ran one shelter and assisted ARC with the other. The shelter residents included families, an evacuated adolescent group home, an evacuated extended care unit, and residents of several low income housing projects. There were multiple individuals who were dependent for activities of daily living. This was the DART team's first deployment.
- **Grafton MRC (Grafton)** On 08/28/2011 the MRC was ready to assist a local shelter if needed. On 8/29/11, a General Shelter was opened by CERT. The MRC supported the shelter. A total of 8 volunteers responded. The shelter was open for 6 hours and all 8 members stayed for a total of 48 hours of service. All volunteers that responded were activated.
- **Greater New Bedford MRC (Fairhaven)** On 08/27/2011 the GNB MRC opened two shelters, one in Dartmouth and one in New Bedford. Four MRC volunteers provided 26 and 1/2 hours of service. Two additional volunteers were on standby. The Town of Acushnet placed its volunteer base on standby for the potential opening of their shelter in the event it had to be opened.
- **Greater River Valley MRC (Andover)** On 08/28/2011 the MRC placed 36 members on standby and was ready to assist a local shelter if needed. Two volunteers were activated to local medical special needs shelter, providing 10 hours of direct community service.
- **Greater Taunton Medical Reserve Corps (Taunton)** On 08/27/2011, Seven Greater Taunton MRC volunteers staffed a local shelter providing 42 hours of service.
- **Greater Westfield & Western Hampden County Medical Reserve Corps, Inc. (Westfield)** On 08/28/2011, the MRC unit provided a volunteer to staff a local shelter and had 29 volunteers on standby.
- **Hilltown MRC (Chesterfield)** The Hampshire Emergency Animal Response Team (HEART) was staged equipment at the regional shelter in Northampton on 8/26/11 and staffed the shelter through the evening of 8/28/11. HEART members also deployed to the town of

Huntington shelter which opened for a few hours during the storm. The Team remained on standby until 8/30/11. On 08/27/2011, Hilltown MRC volunteers were placed on standby for local shelter operations with 1 or 2 activated for EOC operation. MRC volunteers help staff EOCs in Chesterfield and Goshen. Two volunteers were activated to local medical special needs shelter, providing 10 hours of direct community service.

- **Holyoke Medical Reserve Corps (Holyoke)** On 08/27/2011, the MRC unit opened a local shelter.
- **Martha's Vineyard Medical Reserve Corps (Vineyard Haven)** The MRC unit opened 3 inclusive shelters. Eleven (11) MRC volunteers staffed these shelters for the medical component and augmented other areas of Red Cross needs. The unit members provided the community with approximately 275 hours of service.
- **Massachusetts Region 4A Medical Reserve Corps (Weston)** On 8/26/2011, the unit placed the volunteers on standby. On 8/27/2011 the unit volunteers helped to set up 6 shelters in neighboring communities.
- **Massachusetts Region 4b MRC (Cambridge)** On 8/27/2011, the unit placed the volunteers on standby.
- **Mystic Valley Medical Reserve Corps (Medford, Malden, Melrose, Stoneham, and Wakefield) Region 3E** On August 26, 2011, the MRC placed approximately forty-five (45) members on standby and was ready to assist a local shelter if needed. Two members were deployed for power outage assistance and education.
- **MASS Task Force (Beverly)** Personnel from the MASS Task Force MRC spent over 275 man-hours before, during and after the storm. The Beverly Emergency Operations Center was opened from 8am Saturday till the storm had passed on Sunday evening and manned by MRC personnel. The MRC Unit fielded about 35 calls from residence on questions about Emergency Preparedness, Shelters, as well as wellness checks requested from family members from out of the area. They also performed follow-up calls after the storm on Monday. The MASS Task Force MRC staffed the Emergency Shelter at Beverly High School. At the same time they did some just in time training on Shelter Operations, reviewed policy and procedures, and performed equipment checks. They also staffed their ambulance with 3 EMT's and a First Responder to assist with EMS coverage if it became necessary due to the storm.
- **NEMRC (Haverhill)** The Northeast Massachusetts MRC placed its volunteers on standby to assist if needed.
- **Newton Medical Reserve Corps (Newton)** On 08/28/2011 the MRC was ready to assist a local shelter if needed.

- **Nonotuck (Easthampton)** Included as part of the Western Massachusetts Medical Reserve Corps response activity.
- **Norfolk County 7 Medical Reserve Corps (Needham)** On 08/28/2011 the MRC was ready to assist a local shelter if needed.
- **North Shore-Cape Ann Emergency Preparedness Coalition MRC (Gloucester)** A volunteer from the MRC unit provided 12 hours of service at a local American Red Cross Shelter. Additional volunteers were on standby.
- **South Hadley/Granby MRC (South Hadley)** The unit provided 2 volunteers that contributed approximately 20 hours of community service.
- **Stoughton-Holbrook-Avon-Randolph Medical Reserve Corps (Holbrook)** On 8/28/2011, the unit provided a liaison to a local emergency operations center and worked within the facility taking reports of damage and monitoring the evacuation of an apartment complex which was damaged in the storm. The liaison would be able to coordinate the MRC response in case volunteer activation was needed. On 08/29/2011, the MRC unit was still on standby for a potential Health Department shelter activation. Subsequently, the unit assisted in health and welfare checks within affected communities and contact local EMS to transport one person who needed hospitalization. Overall the unit provided approximately 116 hours of community service.
- **Topsfield Regional Medical Reserve Corps (Topsfield)** The MRC unit had 25 volunteers on our call list that could have been activated if needed.
- **Town of Longmeadow Medical Reserve Corps (Longmeadow)** Included as part of the Western Massachusetts Medical Reserve Corps response activity.
- **Town of Monson MRC (Monson)** Included as part of the Western Massachusetts Medical Reserve Corps response activity.
- **UMass Amherst Medical Reserve Corps (Amherst)** The UMASS MRC worked to prepare students and faculty on campus for the storm.
- **Upper Merrimack Valley Medical Reserve Corps (Westford)** On 08/26/2011, the MRC performed a call out. Fifty members responded and were ready to deploy.
- **Wachusett Medical Reserve Corps (Hubbardston)** On 08/28/2011 the MRC coordinator emailed and posted, on the Unit's Facebook page, awareness messages for the unit. The unit was ready to assist a local shelter if needed. The unit had 130 members on standby.

- **West Springfield Medical Reserve Corps (West Springfield)** On 08/27/2011 the West Springfield Medical Reserve Corps stood up a shelter in their community.
- **Western Massachusetts Medical Reserve Corps (consortium of MRCs serving Berkshire, Franklin, Hampshire and Hampden counties and their 101 cities and towns) (Various)** Members from all five units in Hampshire County assisted in a regional shelter located within their county. At its peak, the shelter had fifty residents. Neighboring Franklin County received historic flooding and was forced to open several shelters. Volunteers from Hampshire County responded to those shelters. At one point, the shelters had over 200 people, including 100 from an assisted living nursing home which had a high level of medical needs
- **Wilbraham Medical Reserve Corps (Wilbraham)** On 8/27/2011, the unit placed the volunteers on standby and one member assisted local seniors with clearing decks and porches of loose furniture, plants, etc., and making sure they had emergency supplies on hand.
- **Worcester Regional MRC (Worcester)** On 8/25, the unit coordinator sent message to volunteers with hurricane preparedness/safety information and placed volunteers on alert status for potential requests for assistance. On 8/26/2011, the Assistant Coordinator sent message to volunteers seeking the availability of all volunteers and the MRC was ready, with 13 volunteers available, to assist a local shelter if needed.

## Maine

- **Central Maine Medical Reserve Corps (Augusta)** The MRC was on stand-by to deploy to areas severely affected by the storm.
- **Southern Maine Medical Reserve Corps (Kennebunkport)** The MRC was on stand-by to deploy to areas severely affected by the storm.

## New Hampshire

- **Capital Region MRC (Concord)** On 8/26/2011, the MRC stocked two Regional trailers for pre-staging of shelter supplies in anticipation of Hurricane Irene. Developed shelter staffing lists through Tuesday. On 8/27/2011, the Capital Region MRC deployed 4 MRC volunteers to American Red Cross shelters for medical assistance. On 8/28/2011, the MRC deployed 6 volunteers (1 ARNP, 1 EMT, 4 RN's) to two local shelters in response to Hurricane Irene. In total, the unit provided approximately 88 hours of community service.
- **Carrol County MRC (Center Ossipee)** On Friday August 26, 2011 a regional trailer was stage in anticipation of Hurricane Irene. On Sunday August 28, 2011, the MRC provided one volunteer to assist with general sheltering. On Monday August 29, 2011 the MRC provided two volunteers to assist with general sheltering.

- **Greater Derry Medical Reserve Corps (Derry)** On 8/28/2011, the MRC provided one MRC volunteer to support an American Red Cross shelter with ten volunteers on standby. The unit provided approximately 12 hours of community service. For the Greater Derry MRC one volunteer was deployed to a locally run shelter in Londonderry for a 12-hour overnight shift. A second volunteer assisted at the same shelter during demobilization (approximately 2-hours).
- **Greater Exeter Region MRC (Exeter)** On 08/27/2011 the MRC volunteers were activated and staffed two local shelters. Six volunteers activated for a General Shelter in Exeter in Exeter. One Volunteer activated for medical assistance at an American Red Cross Shelter for a total of 18 hours.
- **Greater Franklin/Bristol MRC (Franklin)** The MRC Unit operated a regional shelter at the request of the local Emergency Management Director and provided licensed operators to staff a base station radio to provide backup two way communications between the E.O.C. and the State E.O.C. In total, the unit provided approximately 45 hours of community service.
- **Greater Manchester Medical Reserve Corps (Manchester)** On 8/24/2011, MRC volunteers were placed on standby, provided with important information and materials, and encouraged to be prepared both at work and at home. On 8/26/2011, MRC volunteers were contacted to determine who might be able to respond if necessary. Of the unit's 42 volunteers, 26 were available to respond.
- **Greater Monadnock Medical Reserve Corps (Keene)** On 08/28/2011, the MRC provided nursing staff for a local shelter. The unit also provided mosquito education and awareness training. In total, five (5) volunteers from the unit provided approximately 66 hours of community service in an American Red Cross Shelter.
- **Greater Nashua Medical Reserve Corps (Nashua)** On 08/27/2011, the MRC unit assisted with local American Red Cross shelter operations.
- **Greater Plymouth MRC (Plymouth)** The MRC unit placed its volunteers on standby. The unit also provided a volunteer to provide support to community members who may need to come to the local shelter. A total of 15 hours of community service was given during this response.
- **Lakes Region Medical Reserve Corps (Laconia)** On 08/27/2011 the MRC activated to assist at a regional shelter.
- **Greater Sullivan County MRC (Unity)** The unit was put on standby on 8/28/2011 for shelter staffing locally. On 8/30 through 8/31, two MRC volunteers were sent via mutual aid request to assist a MRC Unit in Schoharie County New York. The volunteers assisted in

shelters, and in the field doing door to door wellness checks, administering first aid and delivering food and water to areas hit hard by Hurricane Irene.

- **Northern NH Unit Medical Reserve Corps (Littleton)** The MRC was on stand-by to deploy to areas severely affected by the storm.
- **Pelham Medical Reserve Corps (Pelham)** On 8/28/2011, the MRC was on stand-by to deploy to areas severely affected by the storm.
- **Strafford County Medical Reserve Corps (Somersworth)** On 08/27/2011 the MRC volunteers were activated and staffed a local shelter that could accommodate functional needs. Eleven (11) volunteers and 1 paid MRC staff staffed a General/Medical Shelter in Rochester serving a total of 105 hours. Three volunteers were activated to assist the Rochester Fire Department to guard downed wires while waiting for the electric company to turn off power to the lines for a total of one (1) hour. An additional 2 volunteers were on stand-by for future shifts but were never needed.
- **Upper Valley Medical Reserve Corps (Lebanon)** The MRC was on stand-by to deploy to areas severely affected by the storm.

### Rhode Island

- **Rhode Island Medical Reserve Corps (West Greenwich)** On 08/27/2011, the MRC was fully activated to provide assessments at statewide American Red Cross shelters. Twenty-five (25) MRC volunteers provided roving assessments between 17 General Population ARC shelters. The volunteers gave 420 volunteer hours of dedicated service to the response.

### Vermont

The State Coordinator has been a part of the state EOC. The sole VT MRC Unit has not been in contact to date. Numerous roads have been washed out and several towns were isolated.

## Region 2

Region 2 Activities Reported						
	General Shelter	Functional/Special Needs Shelter	Support American Red Cross Shelter Operations	Provide Health Education	Communications	Surge Staffing
Region 2	32	9	31			15

### New Jersey

- **Atlantic County Public Health Medical Reserve Corps (Northfield)** On 8/27/2011, MRC volunteers were activated for sheltering operations. In total, 38 volunteers responded, along with 3 affiliated volunteers. Volunteers assisted in three shelters, one medical needs shelter, one general population (ARC), and an alternate care facility housing nursing home evacuees. An estimated 300+ volunteers hours were contributed.
- **Bergen County Medical Reserve Corps (Paramus)** On 8/28/2011, the MRC was activated. Volunteers supported American Red Cross shelter operations at a local community college. Fifteen volunteer indicated they were available, one MRC member and the MRC Director were dispatched. Deployment was limited due to the fact that the roads to the shelter were not passable. In total, nine volunteer hours were contributed.
- **Burlington County Medical Reserve Corps (Westampton)** MRC volunteers were initially activated on 8/27 to staff 3-4 shelters. Between 8/27/and 9/6/11, 75 MRC members volunteered for over 547 hours, staffing 3 shelters, including a functional/medical needs shelter. MRC volunteers also assisted in the county emergency operations center.
- **Camden County Medical Reserve Corps (Blackwood)** Camden County had 9 Medical Reserve Corps volunteers that were available and could have responded should have a medical needs shelter in Camden County had opened. One volunteer activated to serve with NJEMS taskforce.
- **Cape May County MRC (Cape May Court House)** On 8/26/2011, the MRC activated nursing volunteers to staff an emergency shelter. The unit provided medical management for 700 evacuated residents of Cape May County from 8/26/11 – 8/28/11. Approximately 34 hours of community service were provided during this response.
- **Cumberland MRC (Millville)** On 8/27-28/2011, the MRC solicited volunteers to work in area shelters. In total, of the five nurses available, three volunteers were activated to assist with two ARC shelters and two general population shelters. The nurses provided 28.5 hours of community service.
- **Essex County Public Health Reserve Corps (Livingston)** On 08/28/2011 the MRC solicited volunteers for a local university shelter. No activation of volunteers was needed.

- **Gloucester County Medical Reserve Corps (Sewell)** Of the thirty available volunteers, twenty MRC volunteers activated and deployed to Rowan University Medical Shelter around the clock between 8/26/11 and 8/28/11. Rowan housed 1,300 evacuees from Atlantic County and treated 220 patients in their medical shelter. In total volunteers contributed 170 hours of service.
- **Greater Montclair Public Health Reserve Corps (Montclair)** The MRC placed volunteers on stand-by for long-term shelter operations due to power outages in the area.
- **Hudson Regional Health Commission (Secaucus)** On 8/27/2011, the MRC solicited volunteers for sheltering operations. No volunteers were deployed.
- **Hunterdon County Medical Reserve Corps (Flemington)** On 8/27/2011, the MRC activated volunteers and provided staff for an evacuation facility in Raritan township. In total, of the 21 available volunteers, 19 were activated for this response. Volunteers worked in one Red Cross shelter with a MRC medical support services area. Activated volunteers contributed 81 volunteer hours.
- **Manalapan MRC/CERT (Manalapan)** On 8/26/2011, the MRC activated volunteers and MRC volunteers assisted with county call intake at the Monmouth EOC. On 8/28/2011, Volunteers assisted with staffing at two general population local shelters and continued to assist with county call intake. As of 8/30 a total of 72 unduplicated members contributed some amount of time over the weekend. The total amount of hours contributed exceeded 500 man-hours. There were a total of three distinct efforts - supporting the Township emergency shelter operation, manning non-emergency community phone lines (64 straight hours), and assisting with evacuation efforts in areas of significant storm impact.
- **Mercer County Medical Reserve Corps (Trenton)** On 8/27/2011, the MRC activated volunteers for sheltering. Eight MRC volunteers were deployed to the Sun Center for shelter operations.
- **Middlesex County Medical Reserve Corps (New Brunswick)** On 8/27/2011, the MRC alerted volunteers and rostered them for availability to cover potential 24-hour shelters. The MRC also sent preparedness messaging to volunteers. In total, 15 MRC volunteers from Middlesex County MRC provided support at two regional ARC shelters, one medical needs ARC shelter. Volunteers also supported Rutgers University in caring for 35 medical patients evacuated from Atlantic County and responded to two mutual aid requests out of County.
- **Monmouth County Health Department Medical Reserve Corps (Freehold)** On 8/27/2011, the MRC activated volunteers. Five MRC volunteers (1 nurse, 3 EMTs, and 1 non-medical) deployed to help with phones at the County OEM EOC. MRC volunteers staffed four area shelters. Three were at full capacity of approximately 1625 individuals. As of 8/30,

Monmouth had deployed two nurses and one non-medical volunteer to help county nurses administer tetanus shots to residents of a housing development which was flooded by 4-6 ft. of water. The team also helped administer shots to local first responders who had to swim out of the floodwaters when evacuating people and pets. In total, volunteers worked at five shelters (four of which were ARC shelters), a call center, and assisted with vaccinations. Currently, over 456 volunteer hours have been accounted for.

- **Morris County Medical Reserve Corps (Morristown)** On 8/27/2011, the MRC activated volunteers. On 8/28/11, 15 MRC volunteers supported an area shelter from 6 PM on 8/27 until 6 AM on 8/28. Morris also had 20 MRC volunteers report to Mennan for a 12 PM 8/28 to 12 AM 8/29 shift. As of 8/30, the shelter at Morris County Park Commission Mennen Sports Arena closed. Morris County MRC had 26 volunteers support Red Cross shelter operations. In addition to supporting the Red Cross shelter, five MRC volunteers assisted with the 211 Call Center, which was experiencing an overwhelming volume of calls.
- **Ocean County Medical Reserve Corps (Toms River)** On 8/27/2011, the MRC activated volunteers to staff 2 local area Mass Care shelters.
- **Passaic County Medical Reserve Corps** Volunteers were placed on alert and as of 8/31, the unit was sending volunteers post flood information.
- **Paterson Medical Reserve Corps** On 9/1 volunteers were solicited to assist with relocating evacuees from Eastside Highschool to School #24.
- **Salem County Medical Reserve Corps (Salem)** On 8/27/2011, the MRC alerted volunteers and rostered them for availability to cover potential sheltering operations.
- **Somerset County (Somerville)** On 8/27/2011, the MRC activated volunteers to fill a request for MRC nurses and/or EMTs to staff medical operations. Four MRC volunteers were deployed to fulfill the request.
- **Sussex County Medical Reserve Corps (Newton)** On 8/27/2011, the MRC placed the volunteers on stand-by for general and functional needs sheltering.
- **Town of Harrison Medical Reserve Corps** As of 9/1 volunteers were on stand-by to assist with shelter management and outreach to homebound seniors.
- **Union County Medical Reserve Corps (Westfield)** On 8/27/2011, the MRC alerted volunteers and rostered them for availability to cover potential sheltering operations. On 8/29/2011, members of the Union County MRC and Clark CERT volunteers staffed an American Red Cross administered shelter. On 09/02/2011, volunteers also assisted in unloading a trailer with supplies delivered to the area by the Churches of Christ Disaster relief group. In total, of the 45 volunteers available, 10 were activated to assist at two

shelters (an ARC shelter that also served as a special needs shelter, and a general population shelter). Approximately 100 hours of community service were given during this response.

- **Warren County MRC (Oxford)** On 8/27/2011 the MRC alerted volunteers and rostered them for availability to cover potential sheltering operations. The MRC also sent preparedness messaging to volunteers.

### New York

- **Albany County Medical Reserve Corps (Albany)** On 8/27/2011, the MRC placed the volunteers on stand-by for general and functional needs sheltering. In summary, of the 44 volunteers available, 8 were activated to assist at an ARC shelter. A total of 32 volunteer hours were contributed.
- **Broome County Health Department (Binghamton)** On 8/27/2011, the MRC alerted volunteers and rostered them for availability to cover potential sheltering operations.
- **Central New York Regional Medical Reserve Corps (Syracuse)** On 8/27/2011, the MRC sent preparedness messaging to the MRC members.
- **Dutchess County NY Medical Reserve Corps (Poughkeepsie)** From 8-27 - 8/29 MRC assisted at four Red Cross shelters and from 8/29-9/2 The MRC assisted at one general population shelter. MRC volunteers filled medical, mental health and non medical roles. In addition 4 MRC volunteers assisted the Department of Emergency Response with pre-storm preparations. In total 38 volunteers participated.
- **Erie County Department of Health (Buffalo)** On 8/25-31/2011, the MRC sent preparedness messaging to the MRC members.
- **Monroe County Medical Reserve Corps (MCMRC) (Rochester)** On 8/27/2011, the MRC sent preparedness messaging to the MRC members.
- **Nassau County Department of Health Medical Reserve Corps (Uniondale)** On 8/27/2011, the MRC activated volunteers to assist with special needs sheltering operations. On 8/28/2011 the volunteers continued to assist at the special needs shelter and provided assistance to the county emergency operations center.
- **Niagara County Medical Reserve Corps** As of 8/30, volunteers were placed on alert.
- **NYC Medical Reserve Corps (Queens)** On 8/27/2011, MRC volunteers assisted with staffing at Special Medical Needs Shelters. On 8/28/2011, volunteers continued to provide medical staffing for special needs medical shelters and supported medical operations within some general shelters. MRC REST (the mental health team component of the MRC) provided

support in special needs medical shelters and general shelters. MRC doctors staffed Physicians Access Line, a 24hr hotline that fields medical questions from shelters and responding to specific medical needs in shelters. Currently, 224 volunteers contributed over 2309.5 hours of service.

- **Orange County Medical Reserve Corps (Goshen)** On 8/27/2011, the MRC sent preparedness messaging and updated weather reports the volunteers. On 8/28/2011, volunteers assisted the County Emergency Operations Center as call takers. MRC nurses were placed on stand-by for assistance with ARC shelter operations. In total, six volunteers were activated for Irene, and 15 were available, but not activated. Volunteers served as call takers at the Orange County EOC, and one nurse practitioner worked at an ARC shelter in Port Jervis, NY. Overall, 40.5 volunteer hours were contributed by activated volunteers.
- **Orleans County NY VALOR Medical Reserve Corps (Albion)** The MRC sent preparedness messaging and updated weather reports the volunteers.
- **Putnam County Medical Reserve Corps (Brewster)** On 8/27/2011 the MRC unit placed volunteers on stand-by for sheltering operations. Subsequently, the MRC activated volunteers to assist in an American Red Cross shelter operation and to staff a local Comfort Station.
- **Rensselaer County Medical Reserve Corps (Troy)** 8/28/2011 Rensselaer County MRC was activated to assist in opening two additional General Non Medical Shelters. These were being opened to provide safe haven to residents along the Hudson River that were going to be under a mandatory evacuation. On 8/29/2011 at 4:00 pm these two shelters were closed, and 2 evacuees were transported from one of these to the remaining shelter that was still open. The EOC at this time requested the MRC to help staff the shelter from 5:00 pm 8/29/11 until 12:00 noon on 8/30/11. Notification went out to the MRC requesting assistance until this shelter also closed at noon on 8/30/11. MRC staffed this shelter with 7 volunteers. In total, of the 28 volunteers who responded, 16 were available, and 8 were activated. Volunteers contributed 42 hours of service.
- **Saratoga County MRC (Saratoga Springs)** The Saratoga MRC supported a local American Red Cross shelter in the Town of Waterford upon notification of a request for help from the County Director of Emergency Services. The Red Cross was not able to staff all of the shelters that were in demand caused by mandatory evacuations due to river risings. Two volunteers were activated. There were 5 MRC volunteers that responded and were available to assist at the shelter if needed. A total of 12 hours of community service was provided. One of the volunteers works with children in emergency situations and entertained the kids at the shelter with face painting and temporary tattoos. This was a positive activity that brought smiles to the kids faces and also helped the parents lighten up in the midst of such trying times.

- **Schoharie County Medical Reserve Corps** In the wake of severe flood, MRC volunteers assisted with sheltering operations.
- **Schenectady County Medical Reserve Corps (Schenectady)** On 8/26/2011 the MRC unit placed volunteers on alert for sheltering operations and a list of available volunteers was developed 24 volunteers responded and were kept on an active volunteer list through 9/9/11. 4 volunteers were utilized on 8/30/11 to supplement the staffing at 2 Red Cross shelters. They provided a total of 32 volunteer hours.
- **Suffolk County Medical Reserve Corps (Yaphank)** On 8/24/2011, the MRC sent out a Hazardous Weather Advisory Preparedness Message to the MRC members. On 8/27/2011, the MRC activated volunteers to assist with special needs telephone registrations at the county emergency operations center. The MRC also activated volunteers to assist at three local American Red Cross shelter locations. The MRC supported 9 of the 18 American Red Cross opened area shelters. Three of the 9 supported were co-location with Functional Medical Needs. Total shelter peak clients numbers ~1700. The MRC also helped operate one mass feeding facility and assisted in organizing, registering, and screening contacts via telephone (~900 clients). The total MRC hours of service are approximately 240. The MRC volunteers also assisted with special needs registration and assessing volunteer integration within sheltering operations.
- **Westchester County Department of Emergency Service (Valhalla)** On 8/27/2011 the MRC unit placed volunteers on alert for sheltering operations.
- **Yates County** Yates County sent emergency information on flooding and safe water to all MRC volunteers encouraging them to forward to applicable friends and families.

#### Puerto Rico

- **Medical Reserve Corps of Puerto Rico (San Juan)** Not activated for this response.

#### US Virgin Islands

- **US Virgin Islands Medical Reserve Corps (St Thomas)** Not activated for this response.

## Region 3

Region 3 Activities Reported						
	General Shelter	Functional/Special Needs Shelter	Support American Red Cross Shelter Operations	Provide Health Education	Communications	Surge Staffing
Region 3	15	1	3	3		2

### Delaware

- **Delaware Health and Social Services (Smyrna)** The MRC alerted volunteers by offering an initial status report. They were notified of the State Health Operations Center activation, needs assessment and had volunteers ready and on call for duty. Some volunteers were sent to the ARC Shelter.

### Maryland

- **Maryland Department of Health and Mental Hygiene (Baltimore)** The MRC assisted in a state shelter that opened up on 8/26 at Towson University due to the evacuation of all foreign students working in Ocean City
- **MD Defense Force MRC-Emergency Volunteers (Towson)** On 08/26/2011, the MRC unit sent 14 volunteer clinical members with 24 support personnel to report to a National Guard Armory (on Maryland's Eastern Shore). The MRC unit reported on 08/27/2011 to pick up medical supplies and to convoy to shelter and husband resources should medical and other assistance be needed. The unit was discharged on 8/27/2011, only seeing one patient.
- **Prince George's County Health Department Medical Reserve Corps (Largo)** On 8/25/11, the unit was: activated and a staffing request was made. A staffing list of 2 MRC nurses was placed on standby. The MRC Unit coordinator sent out an alert message to the MRC on how to prepare for the Hurricane. On 8/27/11, the unit coordinator performed a call down to 22 nurses to locate medical coverage for two local shelters; 4 MRC nurses volunteered. The two shelters that were opened in Prince George's County were located in Brandywine Firehouse (Brandywine, MD).

### Pennsylvania

- **Chester County Medical Reserve Corps (West Chester)** The unit was on standby from 08/26-08/28.
- **Philadelphia Medical Reserve Corps (Philadelphia)** On 08/27/2011, the MRC provided 19 Registered Nurses to help with 3 American Red Cross shelters.

## Virginia

- **Alexandria Medical Reserve Corps (Alexandria)** Pre-storm, the MRC distributed information to restaurants concerning flood safety. They provided approximately 4 hours of support to the local community.
- **Arlington County Medical Reserve Corps (Arlington)** On 08/24/2011, the MRC unit alerted the volunteers and placed them on standby.
- **Blue Ridge MRC (Lynchburg)** On 08/26/2011, the MRC unit alerted the volunteers and placed them on standby.
- **Central Shenandoah Medical Reserve Corps (Staunton)** On 08/26/2011, the MRC unit alerted the volunteers and placed them on standby.
- **Chesapeake Medical Reserve Corps (Chesapeake)** On 8/27/2011, the MRC deployed five volunteers to support a special needs shelter and one person to perform preparation and admin support to the volunteers. They provided approximately 108 hours of support.
- **Chesterfield Health District Medical Reserve Corps (Chesterfield)** On 08/26/2011, the MRC unit alerted the volunteers and placed them on standby.
- **Chickahominy Medical Reserve Corps (Ashland)** On 08/26/2011, the MRC unit alerted the volunteers and placed them on standby.
- **Crater Medical Reserve Corps (Petersburg)** On 8/27/2011, the MRC deployed volunteers.
- **Eastern Shore Medical Reserve Corps (Accomac)** On 8/27/2011, the MRC deployed two volunteers to support a local shelter and one person to assist in the set-up of another shelter. They provided approximately 41 hours of support.
- **Greater Prince William MRC (Manassas)** On 08/26/2011, the MRC unit alerted the volunteers and placed them on standby.
- **Henrico County MRC (HMRC) (Henrico)** On 08/26/2011, the MRC unit alerted the volunteers and placed them on standby.
- **Lord Fairfax Health District Medical Reserve Corps (Winchester)** On 08/27/2011, the MRC unit alerted the volunteers and placed them on standby.
- **Loudoun MRC (Leesburg)** On 08/26/2011, the MRC unit alerted the volunteers and placed them on standby.

- **Norfolk Medical Reserve Corps (Norfolk)** On 8/24/2011, the MRC started to roster volunteers for possible assistance with Hurricane Irene shelter response. RNs/LPNs are requested to support first aid and triage at general population. On 8/25/2011, available volunteers received Red Cross shelter training. On 8/26/2011, the unit held an Orientation for new MRC volunteers to respond to shelter needs while volunteers who had already completed the orientation began to respond to shelter operation requests. On 8/27/2011, 15 MRC volunteers continued to augment healthcare staff at shelters, including relieving public health nurses at mid-shift. They provided approximately 88 hours of support.
- **Peninsula MRC (Newport News)** On 8/23/2011, the MRC distributed hurricane preparedness booklets to residents at a Senior Center in Newport News, VA. The unit also supported five shelters with seven volunteers. The shelters included a medical needs shelter, a pet shelter, a general shelter, and a homeless shelter. One volunteer also augmented the Admin and Health Department Operations Center. They provided approximately 137 hours of support.
- **Pittsylvania - Danville Medical Reserve Corps (Pitt-Dan MRC) (Danville)** On 08/26/2011, the MRC unit alerted the volunteers and placed them on standby.
- **Portsmouth Health District Medical Reserve Corps (Portsmouth)** On 8/27/2011, the MRC deployed a volunteer to a local shelter. The volunteer provided approximately 24 hours of support.
- **Rappahannock-Rapidan Medical Reserve Corps (Culpeper)** On 08/24/2011, the MRC unit alerted the volunteers and placed them on standby. On 8/26/2011, the MRC unit started a preparedness information campaign. Utilizing Ready.Gov brochures and signage, the unit compiled and packaged the materials. The intent is for the materials to be delivered to the Supervisors' offices town offices, libraries, DSS offices, Senior Centers, Spanish stores (Spanish literature) and health Departments in the five counties. Approximately 20 hours of community service was provided during this event.
- **Richmond City Medical Reserve Corps (Richmond)** On 08/24/2011, the MRC unit alerted the volunteers and placed them on standby. The MRC provided three volunteers to support local shelter operations. They provided approximately 12 hours of support.
- **Southside Medical Reserve Corps (Boydton)** On 08/26/2011, the MRC unit alerted the volunteers and placed them on standby.
- **Southwest Virginia Medical Reserve Corps (Bristol)** On 08/26/2011, the MRC unit alerted the volunteers and placed them on standby.
- **Thomas Jefferson MRC (Charlottesville)** On 08/26/2011, the MRC unit alerted the volunteers and placed them on standby.

- **Three Rivers Medical Reserve Corps (Saluda)** The MRC provided 10 volunteers to support local shelter operations. They provided approximately 85 hours of support.
- **Virginia Beach Medical Reserve Corps (Virginia Beach)** On 8/27/2011, the MRC deployed 23 volunteers. The volunteers conducted phone assessments of long-term living facilities' evacuation plans and general shelter support. They provided approximately 621 hours of support.
- **Western Tidewater, VA (Suffolk)** On 8/27/2011, the MRC deployed volunteers.

## Region 4

Region 4 Activities Reported						
	General Shelter	Functional/Special Needs Shelter	Support American Red Cross Shelter Operations	Provide Health Education	Communications	Surge Staffing
Region 4	2	2	1		1	2

### North Carolina

- **Alamance County Medical Reserve Corps (Burlington)** On 8/26/11 the MRC notifies 192 unit members, requesting availability for deployment within the next 36-72 hours. 14 unit members respond they are available to deploy. On 8/30/11 two members assist (4 hours) with recovery/reconstitution at the State Medical Assistance Team returning from deployment.
  
- **Chatham Medical Reserve Corps (Siler City)** During Hurricane Irene, the Volunteer Chatham MRC Coordinator and MRC Director contacted 23 MRC Volunteers through email, 23 MRC Volunteers through SERVNC at North Carolina Emergency Management, and 132 CERT Volunteers through their team leaders and email directly asking availability if needed. The Director listened in on conference calls by North Carolina Emergency Management from the MRC offices. No MRC Volunteers were deployed, but the process of checking out communications systems was a value for the local unit.
  
- **Durham County Medical Reserve Corps (Durham)** On 8/30/11 two members assist (4 hours) with the local Trauma Regional Advisory Committee/State Medical Assistance Team to establish several shelter sites. The State Medical Assistance Team and MRC sent medical and administrative staff to an Alternate Care Facility in within, North Carolina to manage a shelter.
  
- **Mountain Regional Medical Reserve Corps (Asheville)** MRC volunteers assisted with communications by providing support to hospitals in the incident area, assisting with erecting antennas for radio communication, and getting a MARS station operational and an amateur High Frequency station operational. This work was done outside of the incident area. Medical volunteers deployed to various forward areas to assist with American Red Cross Shelters in the incident area. Also, deployed as a first aid team deployed with an ARC team delivering clean up kits, minor first aid was done at that location. Non-medical volunteers assisted in the packing and shipping of Advance Team Supplies at the Asheville Warehouse. One member of the MRMRC deployed with the Hearts with Hands Advance Team to assist with Damage Assessment and incident site selection.
  
- **NC-400 Duke Trauma RAC / NC-400 State Medical Assistance Team and Durham MRC (Durham)** On 8/26/2011 The North Carolina and the State Medical Assistance Team (SMAT) established several shelter sites. Duke SMAT and MRC sent deployed 21 medical and

administrative staff to an Alternate Care Facility in Greenville, NC to manage/establish a Functional Medical Needs Shelter. Of those staff, only 2 were MRC members. We were active there for 5 days caring for up to 20 patients from various extended care environments.

- **Orange County Public Health Reserve Corps (Hillsborough)** MRC volunteers were alerted and 50 volunteers were rostered for availability to cover potential shelters in NC. Preparedness messages and weather updates were also sent to the volunteers and the unit leader participated in State conference calls.

### South Carolina

- **South Carolina Edisto Savannah MRC (Aiken)** The MRC unit conducted their yearly hurricane call down drill as an opportunity to remind volunteers of the importance of being ready and prepared before being called to assist as well as an opportunity to test the volunteer's availability to respond by measuring the number and types of volunteers who report their willingness to respond. The total numbers of MRC Volunteers activated during the call-down were 124 of which 25 reported availability. The available volunteers included 1 Radiological Technologist; 8 RNs; 1 Physician; 9 Behavioral Health; 1 EMT; 1 Veterinarian; 1 Clergy; and 3 Non-medical. If activated the MRC Volunteers would have assisted, along side SC DHEC, Region 5, Public Health Staff, in Special Needs Shelters at the following locations: TRMA-Orangeburg, O-C Tech-Orangeburg, and Bamberg County Memorial Hospital working twelve (12) hour shifts. The total MRC Volunteers hours contributed was approximately 10.5 hours.
- **Western Piedmont Medical Reserve Corps (Anderson)** On 8/24/2011, the Western Piedmont Medical Reserve Corps conducted the yearly hurricane call down drill. The drill is an opportunity to remind volunteers of the importance of being ready and prepared before being called to deploy. The call down also measures the number and profession of volunteers available given a very short notice. Volunteers were asked if they were available to man a local Special Medical Needs Shelter during August 26 – 29 should hurricane Irene hit the South Carolina coast. The result of the hurricane call out indicated that 119 out of 260 volunteers reported availability; 51 RNs, 5 LPNs, 3 APRNs, 2 MDs, 1 MED TECH, 12 Behavioral Health, 1 Amateur Radio operator, and 43 Non-Medical support staff.

## Appendix A

Region 1 Activities Reported						
State	General Shelter	Functional/Special Needs Shelter	Support American Red Cross Shelter Operations	Provide Health Education	Communications	Surge Staffing
Connecticut	17	2	2			1
Maine						
Massachusetts	32	2	4	1		7
New Hampshire	9	1	5	2	1	1
Rhode Island			17			
<b>Region 1 Totals</b>	<b>58</b>	<b>5</b>	<b>28</b>	<b>3</b>	<b>1</b>	<b>9</b>
Region 2 Activities Reported						
State	General Shelter	Functional/Special Needs Shelter	Support American Red Cross Shelter Operations	Provide Health Education	Communications	Surge Staffing
New Jersey	24	4	13			10
New York	8	5	19			5
Puerto Rico						
US Virgin Islands						
<b>Region 2 Totals</b>	<b>32</b>	<b>9</b>	<b>31</b>			<b>15</b>
Region 3 Activities Reported						
State	General Shelter	Functional/Special Needs Shelter	Support American Red Cross Shelter Operations	Provide Health Education	Communications	Surge Staffing
Delaware						
Maryland	4					
Pennsylvania			3			
Virginia	11	1		3		2
<b>Region 3 Totals</b>	<b>15</b>	<b>1</b>	<b>3</b>	<b>3</b>		<b>2</b>
Region 4 Activities Reported						
State	General Shelter	Functional/Special Needs Shelter	Support American Red Cross Shelter Operations	Provide Health Education	Communications	Surge Staffing
North Carolina	2	2	1		1	2
South Carolina						
<b>Region 4 Totals</b>	<b>2</b>	<b>2</b>	<b>1</b>		<b>1</b>	<b>2</b>
<b>Grand Total</b>	<b>107</b>	<b>15</b>	<b>65</b>	<b>6</b>	<b>2</b>	<b>28</b>