Medical Reserve Corps

Briefing for the White House Subcommittee on Disaster Reduction

Office of the Surgeon General
Office of the Assistant Secretary for Health
April 2011
Engaging volunteers to strengthen public health, emergency response, and community resiliency.
Public Health

Funding

Source: NACCHO, 2008 Profile of Local Health Departments
Public Health

• Recent NACCHO Survey:
  – 29,000 jobs lost to layoffs and attrition
  • ~19% of the nationwide LHD workforce
  – 18,000 LHD employees subjected to reduced hours or mandatory furloughs

Source: NACCHO
http://www.naccho.org/topics/infrastructure/lhdbudget/index.cfm
Preparedness

• Key Findings:
  – 29% of Americans have not prepared at all
  – Others…over confident?
  • of those who perceived themselves to be prepared:
    – 35% - no plans
    – 77% - no drills
    – 73% - did not know evacuation routes

Source: Citizen Corps
Ready or Not?

Key Findings:
- The Good…14 states scored 9 or higher on ten key indicators of public health preparedness…no state scored lower than a 5
- The Bad…“the almost decade of gains is in real jeopardy due to severe budget cuts by federal, state, and local governments”

Source: Trust For America’s Health
http://healthyamericans.org/reports/bioterror10/
Emergency Response

- Mutual Aid/EMAC
- Medical Surge
- Ethics/Altered Standards of Care
- Alternate Care Sites/Facilities
- Legal Protections
- Etc…
Volunteerism

• 63.4 million Americans (>25% of the U.S. population) volunteered through an organization in 2009
  – 8.1 billion hours of service
  – worth an estimated $169 billion
• “Generic” vs. skill-based
• Planned vs. spontaneous
• Affiliated vs. unaffiliated
Benefits of Volunteering

• Pride, satisfaction, accomplishment
• Health Benefits
  – Live longer
  – Lower rates of depression
  – Less incidence of heart disease
• Strengthen communities
• Lessen vulnerability and build resilience
  → Reduce Disaster Risk
MRC “At A Glance”

- National network
- Mission: Engage volunteers to strengthen public health, emergency response and community resiliency
- Key Points:
  - Organize/utilize locally
  - Affiliate/integrate with existing programs and resources
  - Volunteer management -- identify, screen/verify credentials, train
MRC Models

• Community-based = No “typical” MRC
• All MRC units:
  – Provide an organization structure for utilizing members
  – Pre-identify members
  – Verify professional licensure/certification
  – Train/prepare
• Units vary by:
  – Housing organizations
  – Partner organizations
  – Types/number of volunteers
  – Local mission/activities
Housing Organizations

Engaging volunteers to strengthen public health, emergency response, and community resiliency.
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## MRC Activities

<table>
<thead>
<tr>
<th>Activity Focus</th>
<th>FY09</th>
<th>FY10</th>
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<tbody>
<tr>
<td>Administrative</td>
<td>921</td>
<td>1,054</td>
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<tr>
<td>Preparedness</td>
<td>1,576</td>
<td>1,496</td>
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<tr>
<td>Public Health</td>
<td>1,121</td>
<td>2,819</td>
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<tr>
<td>Response</td>
<td>774</td>
<td>1,834</td>
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<tr>
<td>Training</td>
<td>2,076</td>
<td>2,241</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>6,468</strong></td>
<td><strong>9,444</strong></td>
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Activities/Priorities

• Emergency Management
  • Preparedness
  • Response
  • Recovery

• Public Health
  • Ambassador’s of the Surgeon General
    • Vision for a Healthy and Fit Nation
    • Promote Wellness

• Disease and injury prevention
Preparedness

- Personal/Family
- MRC Unit
  - Training
  - Drills/Exercises
- Community
Emergency Response

- Large public gatherings
- Snow/Ice Storms
- Fires/Fire Fighter Rehab
- Haiti Repatriation/Triage
- Flooding
- Hurricane
- H1N1
H1N1 Activities

- Vaccination clinics
  - Mass vaccination
  - School-based vaccination
- Phone banks
- Triage
- Community education and awareness
  - Flu prevention education
- Flu surveillance
Disaster Risk Reduction

Risk = \( H \times V \)

\[ V = \frac{E \times S}{R} \]

Many thanks to Dr. Mark Keim, CDC/NCEH, for introducing me to the concept of DRR.
Public Health Activities

• Build resilience (↑R)
• Reduce susceptibility (↓S)

Healthier people before a disaster…
Less susceptible to illness or injury during or after disaster
Reduce Susceptibility

• Disease prevention
  – Reduce obesity
  – Screening
  – Immunization

• Health promotion

• Health care
Local MRC Activities

• The Texas State Guard Medical Brigade MRC (Austin, TX), Starr County MRC (Rio Grande City, TX), and Cameron County MRC (San Benito, TX) units had more than 600 volunteers assist with Operation Lone Star at which more than 12,000 people received over 61,000 medical and dental screening services.

• Twenty-five members of the Black Belt MRC (Tuskegee, AL) participated in a health fair by conducting blood pressure, blood sugar, and BMI screenings for attendees.

• Laurel County MRC (London, KY) volunteers attended a local obesity forum to discuss the effects of obesity on the health of the public. The unit established a committee to find ways to lower obesity rates and improve health.

• MRC of Larimer County (Fort Collins, CO) assisted with 8,000 meningococcal vaccinations after an outbreak at the university.
Local MRC Activities

- MRC of Scott County (Shakope, MN) provided **free medical care to the underinsured and uninsured** utilizing the Scott County Free Mobile Health Clinic.
- The MRC of El Paso County (Colorado Springs, CO) assisted in staffing a large-scale dental clinic that offered **free oral healthcare services** at no cost to more than 1,500 community members.
- Maine Township Regional MRC (Park Ridge, IL) held a two week campaign to offer **free physicals, sight, hearing and dental check-ups as well as cholesterol and diabetes screening** at an area senior housing facilities.
- Eight members of the Coastal South Carolina MRC (Port Royal, SC) participated in a mass access medical clinic at which approximately 4,000 people received **medical and dental services** over two days.
- Greater Monadnock MRC (New Ipswich, NH) participated in a regional **Medication Take Back** event in conjunction with local law enforcement and the DEA in response to prescription drug abuse.
Let’s Move

• Goal: solve the challenge of childhood obesity within a generation
• Let’s Move City or Town
  • Local commitments
• Million PALA Challenge
  • HealthierMRC Challenge
• Build/improve play spaces
Questions and Discussion
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