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

Medical Reserve Corps

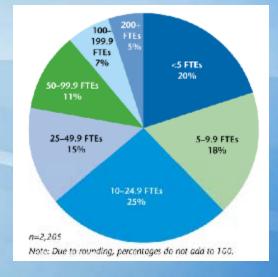
Briefing for the White House Subcommittee on Disaster Reduction

Office of the Surgeon General
Office of the Assistant Secretary for Health
April 2011

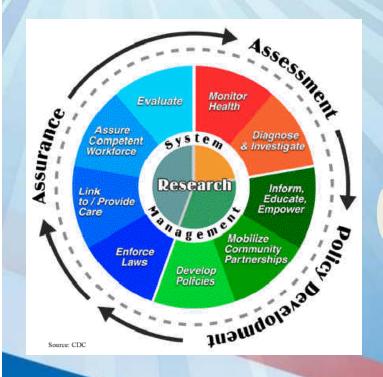




Public Health

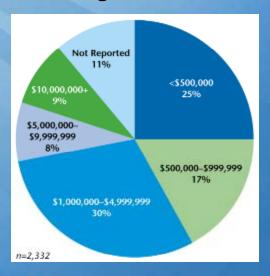


FTEs





Funding



Engaging volunteers
Source: NACCHO, 2008 Profile of Local Health Departments to strengthen public health, emergency response, and community resiliency.



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



[SURVEY FINDINGS]

March 2011

Local Health Department Job Losses and Program Cuts: 2008-2010

LOCAL HEALTH DEPARTMENTS LOSE

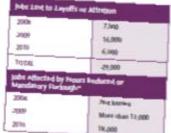
Throughout the country, local health departments (\$103) estimate to both that skilled youth headed to produce the health. of the continuenties they same, in 2010, 124th allowanted an etheruniad < (ICE) joby (Figure 1), an-4d partners shed replaying (Figure 2). These timbs as many staff (18,000) an other working hours reduced to were placed in managery belough over the same bear parted (Figure 1), When concepted with practice National Advisation of ounty and City Health Discols (NACCHE) findings, 29,000 cathodistant years many dost from 2004 to 2010, app 19 panues of the 2018 nationalds (240 world year

FIGHT BUDGETS CONTINUE TO THREATEN ESSENTIAL SERVICES

is November 2010, 64 percent of all LHUs and their budgets may borne than he the process you, making 2010 the third consequence may that adjustering percentages of 1)40s throuted budget top (Figure 1).

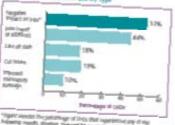
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FIGURE 2: Pattendage for CAD's Lesting Workful Capacity to 2010, Quarant and by Type



Source: NACCHO

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Preparedness



Personal Preparedness in America:

Findings from the 2009 Citizen Corps National Survey

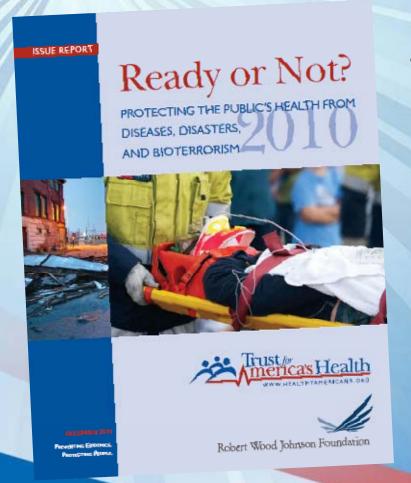
Key Findings:

- 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





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"



Emergency Response

- Mutual Aid/EMAC
- Medical Surge
- Ethics/Alter Star of Care
- Alternate
- Legal Pro
- Etc...

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



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



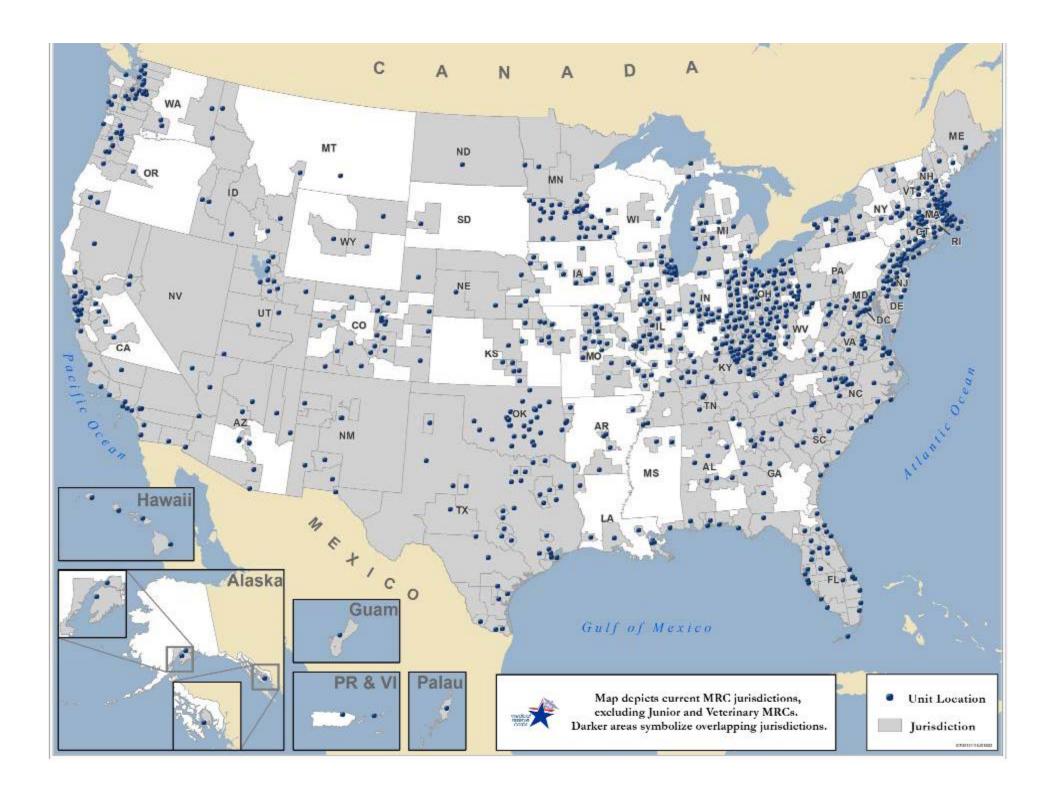
Benefits of Volunteering

- Pride, satisfaction, accomplishment
- Health Benefits
 - Live longer
 - Lower rates of depression
 - Less incidence of heart disease
 - http://www.nationalservice.gov/about/volunteering/benefits.asp
- 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

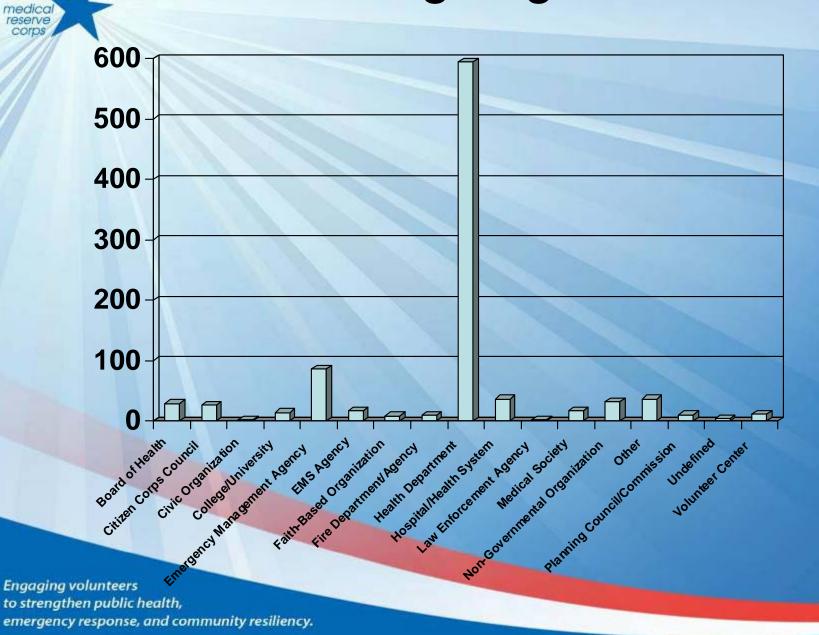




MRC Models

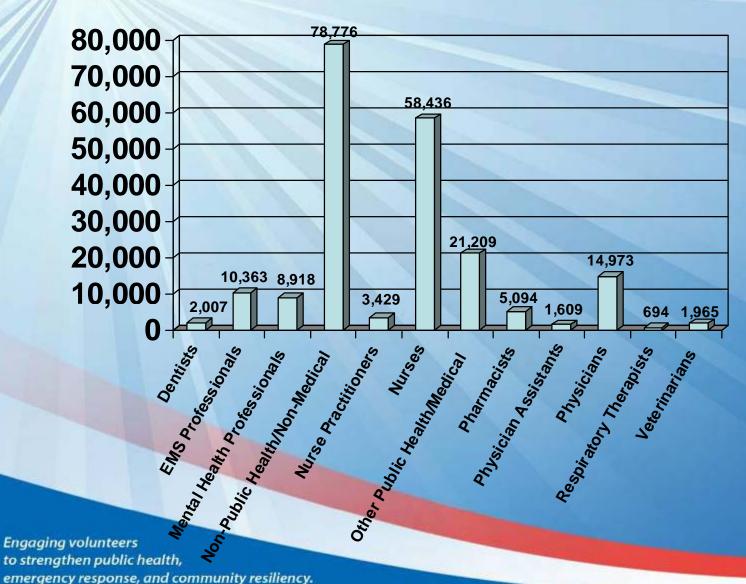
- Community-based = No "typical" MRC
- All MRC units:
 - Provide an organization structure for utilizing members
 - Pre-identify members
 - Verify professional licensure/certification
 - Train/prepare
- Units vary by:
 - Housing organizations
 - Partner organizations
 - Types/number of volunteers
 -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

Housing Organizations





MRC Volunteers





MRC Activities

Activity Focus	FY09	FY10
Administrative	921	1,054
Preparedness	1,576	1,496
Public Health	1,121	2,819
Response	774	1,834
Training	2,076	2,241
Total	C 4CO	0.444

Total 6,468 9,444

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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



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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

$$\downarrow$$
 Risk = \downarrow H x \downarrow V

$$V=(\downarrow E \times \downarrow S)/\uparrow R$$

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

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



Public Health Activities

- Build resilience (↑R)
- Reduce susceptibility (\JS)

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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