Office of Access and Functional Needs

“The OAFN Web Map – Integration through innovation”

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Presentation Outline

• Introduction
• The Office of Access and Functional Needs (OAFN)
• Integrating AFN into response
• The challenge of time
• Identifying AFN assets and resources
• The California AFN Web Map
• Tour/scenario
• Partnership
• Next steps
• Questions
Every Disaster is Different

In All But One Way…
Cal OES – Office of Access and Functional Needs

In January 2008, the California Governor's Office of Emergency Services established the Office of Access and Functional Needs (OAFN). The purpose of OAFN is to identify the needs of people with disabilities and others with access and functional needs before, during, and after a disaster and to integrate disability needs and resources into emergency management systems.

The OAFN offers guidance to emergency managers and planners, disability and older adult service systems for planning and responding during disasters and recovery.

2015 Butte/Valley Fires

[Images of the 2015 Butte/Valley Fires]
Sheltering

California State Operations Center (SOC)
Portable Accessible Showers

Sheltering
Remember

The Power of Water
How do we integrate AFN into emergency planning?

Together!

The Primary Challenge

- **Time**
  - It took too much time to *identify* which AFN-related assets/resources were needed
  - It took too much time to *locate* where AFN-related assets/resources were
  - Once identified and located, it took time to procure/deploy assets/resources
Continuous Improvement

- **Disaster Response: Key Components**
  - The capability to rapidly **identify** needed assets/resources
  - The capability to rapidly **locate** needed assets/resources
  - The capability to rapidly **deploy** needed assets/resources

- **Disaster Response: Key Understandings**
  - Assets/resources are needed before, during and after disasters
  - Assets/resources are limited in number and availability
  - Assets/resources are critical to an effective response and essential to supporting individuals with AFN

A Better Way

- The California Access and Functional Needs Web Map
What’s the AFN Web Map?

• Think “Google Earth”
  – When I want pizza, I type “Domino’s Pizza”
  – Pins drop showing me all restaurant locations
  – I see what’s close by and evaluate where I want to go based on traffic, neighborhood, etc.
  – Placing my cursor over a pin calls up store address, website, phone number, business hours, etc.
  – All this enables me to make an informed decision
  – All my pizza needs are met

Now replace “pizza” with Access and Functional Needs-related assets and resources
We Started With the Statistics

• Using data from the U.S. Census, we identified the following information for the state of California:
  – Total state population
  – Total number of individuals in CA with a disability
  – Disability type (hearing, vision, cognitive and ambulatory)
  – Ethnicity
  – Language
  – Age

Identifying AFN “Resources” by Type and Location

• For our purposes, we defined “resources” as the personnel or facilities available for assignment in disaster response

Personnel:
  – ASL Interpreting Services
  – CERT Programs
  – Language Translation Services
  – Regional Centers

Facilities:
  – California Fairgrounds & Expos
  – National Shelter System (American Red Cross)
  – National Shelter System (non-ARC)
Identifying AFN “Assets” by Type and Location

• For our purposes, “assets” refer to equipment or supplies
  – Accessible Hygiene Resources
  – Accessible Transportation
  – Assistive Technology
  – Independent Living Centers

The California AFN Web Map

Vision
To develop a web map, which would contain geographically searchable AFN-relevant information categorized into substantive and meaningful areas in such a way as to forever change how we integrate the needs of individuals with disabilities and access and functional needs before, during and after disasters.
Let’s take a tour!

AFN Web Map Symbols
Sacramento County

Fire Scenario

- There is a wildfire in Sacramento County.
- No disaster declaration.
- Given the rate of speed, there may be an evacuation within a few hours.

Sacramento County (2 of 9)

Fire Scenario

- The Web Map provides countywide stats outlining total population and the percentage of individuals with a disability.
- Here we see that Sacramento County has 1,450,277 people; 12.9% of which have a disability.
Sacramento County (3 of 9)

Fire Scenario

- The Web Map breaks down disability by type
- Here we see that 4.7% have hearing difficulty;
- 4.9% have vision difficulty;
- 5.1% have cognitive difficulty; and
- 5.2% have ambulatory difficulty.

Sacramento County (4 of 9)

Fire Scenario

The Web Map also provides overviews on:

- Ethnicity
- Language(s) spoken at home
- Age
Sacramento County (5 of 9)

Fire Scenario

In this scenario, I now know I'm going to need the following:

- Accessible transportation

Sacramento County (6 of 9)

Fire Scenario

In this scenario, I now know I'm going to need the following:

- ASL Interpreters
Fire Scenario

In this scenario, I now know I’m going to need the following:

- Language translators

Fire Scenario

I’m also going to want to check in with the local Regional Center.
Sacramento County (9 of 9)

Unlocking Access
Trinity County (continued)
What's next?

Greatness
Data Sharing

• The Web Map is a work in progress
  – It is populated by Cal OES as we become aware of assets and resources in the state

• Local and regional stakeholders
  – Download instructions from our website on how to easily submit info to us about the assets and resources in your area
  – We will upload the data to the Web Map for all to use

• Evolution
  – As you submit data, the Web Map will become the comprehensive, definitive AFN-specific tool for emergency managers

  And through it all, we become a safer, more resilient California.

Conclusion

• The utility of the Web Map
  – As we use it; preparedness and partnership will increase
  – And as they do; response will improve

• End state
  – As response improves; lives will be changed and improved
  – We become a safer, more resilient California.
  – We become a safer, more resilient nation.
California Access and Functional Needs Web Map

Here’s the link to the web map: http://tinyurl.com/afnwebmap

Office of Access and Functional Needs

Questions?

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